AGENDA
President and Board of Trustees
Village of Arlington Heights
Board Room

Arlington Heights Village Hall
33 S. Arlington Heights Road
Arlington Heights, IL 60005
June 2, 2025
7:30 PM

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL OF MEMBERS

IV. APPROVAL OF MINUTES

A. 05/19/2025 Village Board Meeting Minutes

V. APPROVAL OF ACCOUNTS PAYABLE

A. 05/30/2025 Warrant Register

VI. RECOGNITIONS AND COMMUNICATIONS

A. Canine Retirement Recognition and Ordinance Approving Transfer Agreement

B. Ceremonial Oath of Office K9 Maui

C. Presentation of the 2025 National Community Survey Results from Polco

VII. PUBLIC HEARINGS

A. 2025-2029 5-Year Consolidated Plan including the 2025-2026 Annual Action Plan

VIII. CITIZENS TO BE HEARD

Anyone wishing to speak on a subject not on the Agenda should fill out a card, located in the back of the room, and hand it to the Village Clerk. Please limit your comments to three minutes.

IX. CONSENT AGENDA

This Agenda consists of proposals and recommendations that, in the opinion of the Village Manager, will be acceptable to all members of the Board of Trustees. The purpose of this Agenda is to save time by taking only one roll call vote instead of separate votes on each item. Consideration of this Consent Agenda will be governed by the following rules and procedures prior to roll call vote:

1. Any Trustee who wishes to vote "no" or "pass" on any Consent Agenda items should so indicate.

2. Upon the request of any one Trustee, any item will be removed from the Consent Agenda and considered separately after adoption of the Consent Agenda.

3. Citizens in the audience may request that the Board remove any item from this Consent Agenda for separate consideration after adoption of the Consent Agenda.

4. One roll call vote will be taken and will cover all remaining Consent Agenda items.

A. IDOT Supplemental Resolution Approving Rebuild Illinois Expenditures for the 2024 Reconstruction Project

B. IDOT Amended Resolution Approving Motor Fuel Tax Expenditures for the 2024 Reconstruction Project

C. Resolution Further Extending the Term of Sign Variations for an Electronic Billboard Sign (2200 W. Euclid Avenue)

D. Resolution Approving the Disbursement of Cash Paid by Developers in Lieu of Land Dedication

E. Resolution Approving Masory Repair Project at Fire Station #3 - Award

F. Resolution Approving the Algonquin Road Sewer Capacity Improvement Project - Award

G. Resolution Approving an Engineering Agreement for the Algonquin Road Sewer Capacity Improvement Project - Construction Observation and Other Engineering Related Services

H. Resolution Adoption of the Board of Fire and Police Commission Rules

I. Ordinance Approving Sign Variations at 3456 N. Ridge Avenue for Arlington Heighs Ford Pro

J. Ordinance Approving PUD Amendment and Special Use Permit Amendment at 660 N. Ridge Ave. for Arlington Ridge Center Building Addition

K. Adoption of an ordinance amending Chapter 13 of the Village Code to increase the number of Class A liquor licenses to 39, and recommendation that the Liquor Commissioner issue one Class A license to Skyview Arlington LLC dba Jokbal Night Market located at 63 W. Golf Road

L. Ordinance Approving a Budget Amendment for Funding Required for the Algonquin Road Sewer Capacity Improvement Project

M. Ordinance Approving PUD Amendment and Special Use Permit for Phase II & III of Recreation Park at 500 E. Miner St.

X. NEW BUSINESS

XI. ADJOURNMENT

Persons with disabilities requiring auxiliary aids or services, such as an American Sign Language interpreter or written materials in accessible formats, should contact the Health & Human Services Department, at 33 S. Arlington Heights Road, Arlington Heights, IL 60005, healthmail@vah.com or 847/368-5760.

MINUTES
President and Board of Trustees
Village of Arlington Heights
Board Room

Arlington Heights Village Hall
33 S. Arlington Heights Road
Arlington Heights, IL 60005
May 19, 2025
7:30 PM

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL OF MEMBERS

President Tinaglia and the following Trustees responded to roll: James Bertucci, Robin LaBedz, Tom Schwingbeck, Scott Shirley, Greg Zyck, Carina Santa Maria, Bill Manganaro. Trustee Wendy Dunnington was absent.
Also present were: Randy Recklaus, Diana Mikula, Hart Passman, Cris Papierniak, Emily Rodman, Lance Harris and Becky Hume.

IV. APPROVAL OF MINUTES

A. 5/5/2025 Village Board Meeting Minutes

Trustee LaBedz moved to Approve. Trustee Shirley Seconded the Motion.
The Motion: Passed
Ayes: Trustee Bertucci, Trustee LaBedz, Trustee Manganaro, Trustee Santa Maria, Trustee Schwingbeck, Trustee Shirley, President Tinaglia, Trustee Zyck.
Nays: None
Absent: Trustee Dunnington

V. APPROVAL OF ACCOUNTS PAYABLE

A. 05/15/2025 Warrant Register

Trustee Bertucci moved to Approve in the amount of $3,519,504.09. Trustee Schwingbeck Seconded the Motion.
The Motion: Passed
Ayes: Trustee Bertucci, Trustee LaBedz, Trustee Manganaro, Trustee Santa Maria, Trustee Schwingbeck, Trustee Shirley, President Tinaglia, Trustee Zyck,

Nays: None
Absent: Trustee Dunnington

VI. RECOGNITIONS AND COMMUNICATIONS

A. Swearing in of Newly Promoted Fire Department Personnel

President Tinaglia administered the Oath of Office to Mr. Eschner.

VII. PUBLIC HEARINGS

VIII. CITIZENS TO BE HEARD

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Keith Moens said the Village has a great opportunity to negotiate funds for education, affordable housing, infrastructure investment, public health and 'safe streets' from the Bears Football Club. He insinuated there were closed-door meetings being held.

President Tinaglia said there are no closed-door meetings happening. If the Bears do make an announcement that they are coming to Arlington Heights, there will be an enormous amount of opportunity for every resident, every business owner, to become educated and participate in the dialogue. This entire Board will have something to say. We're all committed to working on behalf of the neighborhoods here to make sure it's a great project if it's going to happen. We're still waiting for that direction.

Don Lucki Jr. introduced the 'One Road, Many Paths' not-for-profit, an Arts and Cultural Organization.

Matthew McDonnell brought attention to the speeding on Kensington near Windsor Dr., and the safety implications for the school children trying to cross there. He asked the Village for assistance in keeping the children crossing safe. Mr. Recklaus will follow up with Mr. McDonnell.

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3. Citizens in the audience may request that the Board remove any item from this Consent Agenda for separate consideration after adoption of the Consent Agenda.

4. One roll call vote will be taken and will cover all remaining Consent Agenda items.

Trustee Schwingbeck moved to Approve. Trustee LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Trustee Bertucci, Trustee LaBedz, Trustee Manganaro, Trustee Santa Maria, Trustee Schwingbeck, Trustee Shirley, President Tinaglia, Trustee Zyck
Nays: None
Absent: Trustee Dunnington

A. Resolution Approving Euclid Avenue Watermain - Change Order No. 1

R2025-076

B. Resolution Approving Purchase of Two SUV Vehicles for Building & Life Safety Department

R2025-077

C. Resolution Approving the 2025 Street Reconstruction Project - Award

R2025-078

D. Adoption of an ordinance amending Chapter 13 of the Village Code to increase the number of Class A liquor licenses to 38; decrease the number of Class AA liquor licenses to 18; and recommendation that the Liquor Commissioner issue one Class B and Class T license to Devasya Retailers, LLC dba Esplanade Wine & Spirits; and reclassify the liquor license assigned to Timios Enterprises Corp. dba Palm Court Restaurant and Banquets by issuing one Class A liquor license and removing the current Class AA liquor license

2025-28

E. IDOT Supplemental Resolution for 2023 MFT General Maintenance related to Traffic Signal Maintenance

R2025-079

X. NEW BUSINESS

A. Extension of Preliminary Plat of Subdivision Approval - 2201 N. Chestnut Ave & 315 W. Rand Road

President Tinaglia recused himself from this item as the petitioner is a client of his business. Trustee Schwingbeck introduced the project.

Christopher Plummer asked for an extension of the PUD as they are still awaiting bids. Ms. Rodman said staff support the extension.

Trustee Bertucci asked if the delay was because of some of the pricing, meaning things may not be able to be done from a financing standpoint. Mr. Plummer said yes, it's a huge concern.

Trustee LaBedz moved to approve an extension to the Preliminary Plat of Subdivision Approval for 2201 N. Chestnut Ave., and 315 W. Rand Road, approved under Resolution 24-017 from June 3, 2025, until December 2, 2025. Trustee Santa Maria Seconded the Motion.
The Motion: Passed
Ayes: Trustee Bertucci, Trustee LaBedz, Trustee Manganaro, Trustee Santa Maria, Trustee Schwingbeck, Trustee Shirley, Trustee Zyck
Nays: None
Abstain: President Jim Tinaglia

Absent: Trustee Dunnington

Village Board Announcements

- Trustee Bertucci reminded residents of the Memorial Day Parade on May 26th at 9:30 a.m.
- Trustee Schwingbeck said he, along with the Boy Scouts of Troop 32, will be handing out signs along the parade route honoring veterans.
- Trustee Zyck complimented Mr. Recklaus on the Village Update he gave at the AH Memorial Library and encouraged all residents to attend these informative sessions.
- Trustee Manganaro asked for Board consideration for flags to be flown in support of Pride Month and other Village acknowledged events.
- President Tinaglia noted there is a policy which the Board voted upon a few years ago where the flags flown at Village sites were identified.
- Trustee Bertucci said he did not think another discussion on the flag policy was necessary as the previous discussion was thorough, and ultimately the decision was that only government flags are flown.
- President Tinaglia said if a majority of the Board wishes, the issue could be discussed at a future Committee of the Whole meeting.
- Trustee Shirley said if a discussion occurs on this issue, he would like a summary of the proclamations the Board has issued in the past few years in order to understand the scope.
- Trustee LaBedz encouraged residents to stay after the parade for the ceremony at Memorial Park.

XI. ADJOURNMENT

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Trustee LaBedz moved to Adjourn at 8:05 p.m. Trustee Schwingbeck Seconded the Motion.
The Motion: Passed
Ayes: Trustee Bertucci, Trustee LaBedz, Trustee Manganaro, Trustee Santa Maria, Trustee Schwingbeck, Trustee Shirley, President Tinaglia, Trustee Zyck
Nays: None
Absent: Trustee Dunnington

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER FOR CHECK DATE: 5/30/2025

Fund	Fund Description	Total Transaction Amount
101	GENERAL FUND	$424,325.11
211	MOTOR FUEL TAX FUND	$230,097.16
215	CDBG FUND	$70,000.00
227	FOREIGN FIRE INS TAX FUND	$3,186.63
231	CRIMINAL INVESTIGATION FD	$2,155.98
235	MUNICIPAL PARKG OPR FUND	$90,681.97
401	CAPITAL PROJECTS FUND	$555,189.11
426	STORM WATER CONTROL FUND	$527,567.79
505	WATER AND SEWER FUND	$237,642.75
506	LEAD SERVICE LINE REPL FUND	$16,432.25
515	ARTS ENTERT & EVENTS FUND	$5,119.64
605	HEALTH INSURANCE FUND	$182,534.21
611	GENERAL LIABILITY INS FND	$3,956.26
615	WORKERS COMPENSATION INS	$97,653.79
621	FLEET OPERATIONS FUND	$650,017.14
625	TECHNOLOGY FUND	$35,574.03
715	GUARANTY DEPOSITS FUND	$14,977.00
721	ESCROW DEPOSITS FUND	$53,115.00
	TOTAL ALL FUNDS	**$3,200,225.82**

VILLAGE OF ARLINGTON HEIGHTS
WARRANT REGISTER
CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 0000	**NON DEPARTMENTAL**				
					$40,000.00
312199	721-0000-231003-	HUNDEN PARTNERS	PROFESSIONAL SERVICES	$40,000.00	
					$125.67
312230	101-0000-489850-	MERCHANTS CREDIT GUIDE CO	COLLECTION FEES	$42.00	
312230	101-0000-489850-	MERCHANTS CREDIT GUIDE CO	COLLECTION FEES	$83.67	
					$200.00
312246	715-0000-220930-	3D BRICK PAVING	BOND REFUND-REC-011142-2025	$200.00	
					$700.00
312247	715-0000-220930-	Anthony Ciccone	BOND REFUND-REC-011145-2025	$200.00	
312247	715-0000-220930-	Anthony Ciccone	BOND REFUND-REC-011145-2025	$500.00	
					$700.00
312248	715-0000-220930-	Anthony Ciccone	BOND REFUND-REC-011146-2025	$200.00	
312248	715-0000-220930-	Anthony Ciccone	BOND REFUND-REC-011146-2025	$500.00	
					$200.00
312249	715-0000-220930-	FORTIS	BOND REFUND-REC-011139-2025	$200.00	
					$400.00
312250	715-0000-220930-	John Durkacz	BOND REFUND-REC-011140-2025	$200.00	
312250	715-0000-220930-	John Durkacz	BOND REFUND-REC-011140-2025	$200.00	
					$12,177.00
312251	715-0000-220930-	KEVIN POLKA	BOND REFUND-REC-011143-2025	$12,177.00	
					$200.00
312252	715-0000-220930-	Patti Cappas	BOND REFUND-REC-011134-2025	$200.00	
					$200.00
312253	715-0000-220930-	Platinum concrete Inc.	BOND REFUND--REC-011135-2025	$200.00	

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
					$200.00
312254	715-0000-220930-	Total paving	BOND REFUND-REC-011136-2025	$200.00	
					$13,115.00
312289	721-0000-231003-	T.Y. LIN INTERNATIONAL GREAT LAKES INC.	PROFESSIONAL SERVICES	$13,115.00	
					$609.25
802493	101-0000-210950-	RTA/CTA BENEFIT PROGRAM	EMPLOYEE RTA BENEFIT PROGRAM	$609.25	
					$7,922.56
902592	101-0000-210910-	EMPLOYEE BENEFITS CORP	HEALTH/DEPENDENT CARE FSA	$7,361.81	
902592	101-0000-210930-	EMPLOYEE BENEFITS CORP	HEALTH/DEPENDENT CARE FSA	$560.75	
					$9,715.90
902595	101-0000-210810-	DEARBORN LIFE INS CO	LIFE/STD INSURANCE	$134.19	
902595	101-0000-210810-	DEARBORN LIFE INS CO	LIFE/STD INSURANCE	$9,581.71	
					$12,264.61
902596	101-0000-210910-	EMPLOYEE BENEFITS CORP	HEALTH/DEPENDENT CARE FSA	$10,484.61	
902596	101-0000-210930-	EMPLOYEE BENEFITS CORP	HEALTH/DEPENDENT CARE FSA	$1,780.00	
					$584.70
902597	101-0000-210820-	SONTIQ	ID PROTECTION	$584.70	
			DEPARTMENT 0000 TOTAL:	$99,314.69	

VILLAGE OF ARLINGTON HEIGHTS
WARRANT REGISTER
CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 0101	**BOARD OF TRUSTEES ADMIN**				
					$1,681.21
	101-0101-521650-	ALT THAI	GIFT FOR OUTGOING TRUSTEE	$200.00	
	101-0101-521650-	PAREA GREEK KITCHEN	GIFT FOR OUTGOING TRUSTEE	$200.00	
	101-0101-521650-	KILWINS	GIFT FOR OUTGOING TRUSTEE	$50.00	
	101-0101-521650-	DOLLAR TREE	EVENT SUPPLIES	$5.50	
	101-0101-521650-	MARIANO'S	EVENT SUPPLIES	$20.90	
	101-0101-521650-	STARBUCKS COFFEE CO	EVENT SUPPLIES	$40.00	
	101-0101-521650-	JEWEL OSCO 3422	EVENT SUPPLIES	$45.70	
	101-0101-521650-	MARIANO'S	EVENT SUPPLIES	$88.00	
	101-0101-521650-	JEWEL OSCO 3422	EVENT SUPPLIES	$144.98	
	101-0101-521650-	DELI 4 YOU	EVENT SUPPLIES	$479.92	
	101-0101-521650-	AMAZON COM CAPITAL SERVICES	EVENT SUPPLIES	$46.89	
	101-0101-521650-	AMAZON COM CAPITAL SERVICES	EVENT SUPPLIES	$167.82	
	101-0101-521650-	AMAZON COM CAPITAL SERVICES	EVENT SUPPLIES	$191.50	
					$435.00
312136	101-0101-530050-	ARLINGTON SIGNS & BANNERS	MISCELLANEOUS SUPPLIES	$435.00	
					$636.00
312158	101-0101-521650-	CAPTION FIRST INC	CAPTIONING SERVICES	$318.00	
312158	101-0101-521650-	CAPTION FIRST INC	CAPTIONING SERVICES	$318.00	
					$25.00
312187	101-0101-530050-	FASTSIGNS	OFFICE SUPPLIES	$25.00	
					$6,750.00
312218	101-0101-521650-	LORELLE COMMUNICATIONS INC	PROFESSIONAL SERVICES	$6,750.00	
					$200.00

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312286	101-0101-530050-	SUMMIT PRINT SOLUTIONS	PRINTING SERVICES	$65.00	
312286	101-0101-530050-	SUMMIT PRINT SOLUTIONS	PRINTING SERVICES	$135.00	
			DEPARTMENT 0101 TOTAL:	$9,727.21	

VILLAGE OF ARLINGTON HEIGHTS
WARRANT REGISTER
CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 0201	**INTEGRATED SERVICES ADMIN**				
					$250.99
	101-0201-522030-	ILCMA	TRAVEL & TRAINING	$250.00	
	101-0201-522700-	APPLE STORE	ICLOUD STORAGE	$0.99	
					$20.65
312157	101-0201-522150-	CANON U.S.A. INC	OFFICE MACHINES & ACCESS	$20.65	
					$555.00
312187	515-0201-540550-	FASTSIGNS	PRINTING SERVICES	$555.00	
					$587.55
312201	101-0201-522020-	ILCMA	DUES	$587.55	
					$10,000.00
312221	401-0201-520050-	MAC STRATEGIES GROUP INC	PROFESSIONAL SERVICES	$10,000.00	
					$310.82
312244	101-0201-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$16.79	
312244	101-0201-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$16.83	
312244	101-0201-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$277.20	
			DEPARTMENT 0201 TOTAL:	$11,725.01	

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 0301	**HUMAN RESOURCES ADMIN**				
					$315.86
	101-0301-520050-	CONSENSUS CLOUD SOLUTIONS	OFFICE EQUIPMENT	$49.99	
	101-0301-522010-	LINKEDIN CORPORATION	ADVERTISING	$169.99	
	101-0301-522010-	IL MUNICIPAL LEAGUE	ADVERTISING	$35.00	
	101-0301-522010-	ILLINOIS PUBLIC HEALTH ASSOCIATION	ADVERTISING	$25.88	
	101-0301-522010-	IL MUNICIPAL LEAGUE	ADVERTISING	$35.00	
					$81.15
312157	101-0301-522150-	CANON U.S.A. INC	OFFICE MACHINES & ACCESS	$81.15	
					$100.00
312201	101-0301-522010-	ILCMA	ADVERTISING	$50.00	
312201	101-0301-522010-	ILCMA	ADVERTISING	$50.00	
					$97,653.79
312203	615-0301-542810-	INTERGOVERNMENTAL RISK MGMT AGENCY	IRMA APRIL 2025	$97,653.79	
					$1,820.00
312290	605-0301-520500-	TELUS HEALTH (US) LT	TRAVEL & TRAINING	$1,820.00	
					$151,023.08
902590	605-0301-520550-	BLUE CROSS BLUE SHIELD OF ILLINOIS	APRIL ADMIN FEES	$151,023.08	
					$11,159.38
902593	605-0301-520050-	NORTHWEST MUNICIPAL CONFERENCE	EAP 5/1/25-4/30/26	$11,159.38	
					$7,801.64
902595	605-0301-520650-	DEARBORN LIFE INS CO	LIFE/STD INSURANCE	$317.03	
902595	605-0301-520650-	DEARBORN LIFE INS CO	LIFE/STD INSURANCE	$348.70	
902595	605-0301-520650-	DEARBORN LIFE INS CO	LIFE/STD INSURANCE	$635.85	

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
902595	605-0301-520650-	DEARBORN LIFE INS CO	LIFE/STD INSURANCE	$3,194.95	
902595	605-0301-520650-	DEARBORN LIFE INS CO	LIFE/STD INSURANCE	$3,305.11	
					$9,984.82
902598	605-0301-520450-	BENISTAR/HARTFORD - 6795	RETIREE INSURANCE	$258.40	
902598	605-0301-542750-	BENISTAR/HARTFORD - 6795	RETIREE INSURANCE	$9,726.42	
					$745.29
902599	605-0301-520440-	EMPLOYEE BENEFITS CORP	FSA ADMIN FEES	$16.48	
902599	605-0301-520440-	EMPLOYEE BENEFITS CORP	FSA ADMIN FEES	$77.25	
902599	605-0301-520440-	EMPLOYEE BENEFITS CORP	FSA ADMIN FEES	$651.56	
			DEPARTMENT 0301 TOTAL:	$280,685.01	

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 0501	**FINANCE ADMIN**				
					$297.44
	101-0501-522020-	ILLINOIS MUNICIPAL TREASURERS ASSOCIATION	DUES	$100.00	
	101-0501-522030-	IL GFOA	TRAVEL AND TRAINING	$30.00	
	101-0501-522030-	IL GFOA	TRAVEL AND TRAINING	$60.00	
	101-0501-522030-	NINOS PIZZERIA & CATERING	TRAVEL AND TRAINING	$107.44	
					$3,568.65
312117	101-0501-521650-	ACCURATE DOCUMENT DESTRUCTION	SHREDDING SERVICES	$1,784.33	
312117	505-0501-521650-	ACCURATE DOCUMENT DESTRUCTION	SHREDDING SERVICES	$1,784.32	
					$28.99
312124	101-0501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$28.99	
					$21.00
312157	101-0501-522150-	CANON U.S.A. INC	OFFICE MACHINES & ACCESS	$21.00	
					$324.00
312175	101-0501-522010-	DAILY HERALD	ADVERTISING	$105.30	
312175	101-0501-522010-	DAILY HERALD	ADVERTISING	$218.70	
					$10,603.73
312184	101-0501-520231-	EMS MANAGEMENT & CONSULTANTS, INC	FINANCIAL SERVICES	$10,603.73	
					$3,956.26
312203	611-0501-542610-	INTERGOVERNMENTAL RISK MGMT AGENCY	IRMA APRIL 2025	$3,956.26	
					($87.09)
312244	101-0501-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	($87.09)	
					$1,331.98
312277	505-0501-522100-	SEBIS DIRECT INC	PRINTING SERVICES	$1,331.98	

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
					$5,967.81
902591	101-0501-522050-	CITIBANK	POSTAGE	$5,967.81	
			DEPARTMENT 0501 TOTAL:	$26,012.77	

VILLAGE OF ARLINGTON HEIGHTS
WARRANT REGISTER
CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 0601	**INFORMATION TECHNOLOGY ADMIN**				
					$1,063.53
	625-0601-521655-	DELL MARKETING LP	OFFICE EQUIPMENT	$66.38	
	625-0601-521655-	SIMPLEMDM	OFFICE EQUIPMENT	$147.00	
	625-0601-521655-	JOTFORM, INC	OFFICE EQUIPMENT	$64.50	
	625-0601-522030-	CHIPOTLE MEXICAN GRILL INC	MEETING SUPPLIES	$87.28	
	625-0601-522030-	CBT NUGGETS LLC	OFFICE EQUIPMENT	$59.00	
	625-0601-522050-	UPS	SHIPPING	$14.15	
	625-0601-522050-	UPS	SHIPPING	$22.38	
	625-0601-522700-	VERIZON WIRELESS	MONTHLY DATA CHARGES	$257.66	
	625-0601-522700-	RCN	MONTHLY INTERNET CHARGES	$65.99	
	625-0601-522700-	RCN	MONTHLY INTERNET CHARGES	$65.99	
	625-0601-550100-	NEWEGG BUSINESS INC	OFFICE EQUIPMENT	$63.25	
	625-0601-550100-	EBAY	OFFICE EQUIPMENT	$149.95	
					($82.99)
312124	625-0601-530050-	AMAZON COM CAPITAL SERVICES	KITCHEN SUPPLIES	$23.05	
312124	625-0601-530050-	AMAZON COM CAPITAL SERVICES	OFFICE EQUIPMENT	$19.98	
312124	625-0601-550100-	AMAZON COM CAPITAL SERVICES	OFFICE EQUIPMENT	$37.70	
312124	625-0601-550100-	AMAZON COM CAPITAL SERVICES	OFFICE EQUIPMENT	$60.88	
312124	625-0601-550100-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	($224.60)	
					$12,790.69
312160	625-0601-550100-	CDS OFFICE TECHNOLOGIES	OFFICE EQUIPMENT	$12,790.69	
					$749.77
312161	625-0601-550100-	CDW GOVERNMENT INC	OFFICE EQUIPMENT	$749.77	
					$1,020.00

VILLAGE OF ARLINGTON HEIGHTS

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312186	625-0601-550100-	ESSCOE LLC	POLICE EQUIPMENT	$1,020.00	
					$20,033.03
902588	625-0601-520050-	MUNICIPAL GIS PARTNERS INC	GIS SERVICES APRIL	$20,033.03	
			DEPARTMENT 0601 TOTAL:	$35,574.03	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 1008	**BOARDS & COMM FIRE & POL COMM**				
					$25.00
312151	101-1008-522010-	BLUE LINE, THE	ADVERTISING	$25.00	
			DEPARTMENT 1008 TOTAL:	$25.00	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 1018	**BOARDS & COMM SPECIAL EVENTS**				
					$810.80
312187	515-1018-540550-	FASTSIGNS	PRINTING SERVICES	$810.80	
			DEPARTMENT 1018 TOTAL:	$810.80	

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Department 2005	**SPECIAL EVENTS METROPOLIS THTR**				
					($831.98)
312124	515-2005-550550-	AMAZON COM CAPITAL SERVICES	METROPOLIS EQUIPMENT	($734.00)	
312124	515-2005-550550-	AMAZON COM CAPITAL SERVICES	METROPOLIS EQUIPMENT	($97.98)	
					$4,251.50
312205	515-2005-550550-	JB PLUMBING, LLC	METROPOLIS EQUIPMENT	$4,251.50	
			DEPARTMENT 2005 TOTAL:	$3,419.52	

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Department 3001	**POLICE DEPT ADMIN**				
					$5,288.59
	101-3001-521655-	COMCAST CABLE	MONTHLY FEES	$277.42	
	101-3001-521655-	PIX4D S.A.	OFFICE EQUIPMENT	$1,198.00	
	101-3001-521655-	SPOKEO	OFFICE EQUIPMENT	$44.85	
	101-3001-522020-	JOURNEYS THE ROAD HOME	MEETING SUPPLIES	$130.00	
	101-3001-522030-	SUGAR GROVE CAFE	TRAVEL & TRAINING	$87.85	
	101-3001-522030-	LEGAL&LIABILITY RISK MGMT INSTITUTE	TRAVEL & TRAINING	$150.00	
	101-3001-522030-	EVENTBRITE-EB	TRAVEL & TRAINING	$232.60	
	101-3001-522030-	COMFORT INN & SUITES	TRAVEL & TRAINING	$241.82	
	101-3001-522030-	COMFORT INN & SUITES	TRAVEL & TRAINING	$241.82	
	101-3001-522030-	COMFORT INN & SUITES	TRAVEL & TRAINING	$241.82	
	101-3001-522030-	LEGAL&LIABILITY RISK MGMT INSTITUTE	TRAVEL & TRAINING	$295.00	
	101-3001-522030-	INTL POLICE MOUNTAIN BIKE ASSOC	TRAVEL & TRAINING	$675.00	
	101-3001-522050-	UPS STORE #1051	POSTAGE	$15.01	
	101-3001-522050-	UPS STORE #1051	POSTAGE	$100.71	
	101-3001-530010-	CHICAGO TRIBUNE-SUB BILLING	PUBLICATION	$14.00	
	101-3001-530010-	BLUE TO GOLD, LLC	PUBLICATION	$39.99	
	101-3001-530050-	NINOS PIZZERIA & CATERING	MEETING SUPPLIES	$140.89	
	101-3001-530050-	SAMS CLUB/SYNCHRONY BANK	POLICE EQUIPMENT & SUPPLY	$75.92	
	101-3001-530050-	SAMS CLUB/SYNCHRONY BANK	POLICE EQUIPMENT & SUPPLY	$110.94	
	101-3001-533050-	JEWEL OSCO 3422	POLICE EQUIPMENT & SUPPLY	$257.95	
	101-3001-533250-	ADORAMA INC	POLICE EQUIPMENT & SUPPLY	$417.00	
	101-3001-533250-	BRUNCH CAFE	POLICE EQUIPMENT & SUPPLY	$265.00	
	101-3001-533300-	NATL ASSOCIATION OF TOWN WATCH	DUES	$35.00	

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					$485.97
312117	101-3001-521650-	ACCURATE DOCUMENT DESTRUCTION	SHREDDING SERVICES	$485.97	
					$64.60
312119	101-3001-521650-	AIRGAS USA LLC	PROFESSIONAL SERVICES	$64.60	
					$244.89
312124	101-3001-530050-	AMAZON COM CAPITAL SERVICES	POLICE EQUIPMENT & SUPPLY	$109.98	
312124	101-3001-533050-	AMAZON COM CAPITAL SERVICES	POLICE EQUIPMENT & SUPPLY	$134.91	
					$187.48
312157	101-3001-522150-	CANON U.S.A. INC	OFFICE MACHINES & ACCESS	$30.14	
312157	101-3001-522150-	CANON U.S.A. INC	OFFICE MACHINES & ACCESS	$157.34	
					$1,175.00
312172	101-3001-521650-	COMPASSION FUNERAL SERVICES INC	PROFESSIONAL SERVICES	$355.00	
312172	101-3001-521650-	COMPASSION FUNERAL SERVICES INC	PROFESSIONAL SERVICES	$355.00	
312172	101-3001-521650-	COMPASSION FUNERAL SERVICES INC	PROFESSIONAL SERVICES	$465.00	
					$575.90
312194	101-3001-521650-	GOLF ROSE PET LODGE	VETERINARY SERVICES	$25.25	
312194	101-3001-521650-	GOLF ROSE PET LODGE	VETERINARY SERVICES	$31.25	
312194	101-3001-521650-	GOLF ROSE PET LODGE	VETERINARY SERVICES	$519.40	
					$339.00
312200	101-3001-522020-	IL-LEAP	DUES	$339.00	
					$5,266.35
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$18.50	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$90.80	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$111.00	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$246.00	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$248.85	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$275.00	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$296.40	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$324.00	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$331.80	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$1,352.30	
312208	101-3001-530350-	JG UNIFORMS	CLOTHING & APPAREL	$1,971.70	
					$17.55
312210	101-3001-522150-	KONICA MINOLTA BUSINESS USA	OFFICE MACHINES & ACCESS	$17.55	
					$2,904.50
312224	101-3001-521652-	MARQUARDT & BELMONTE, P.C.	PROFESSIONAL SERVICES	$817.50	
312224	101-3001-521652-	MARQUARDT & BELMONTE, P.C.	PROFESSIONAL SERVICES	$2,087.00	
					$10.69
312226	101-3001-530050-	MATTS ACE HARDWARE	POLICE EQUIPMENT & SUPPLY	$0.70	
312226	101-3001-530050-	MATTS ACE HARDWARE	POLICE EQUIPMENT & SUPPLY	$9.99	
					$49,030.65
312240	101-3001-520370-	NORTHWEST CENTRAL DISPATCH SYS	MEMBER ASSESSMENT	$49,030.65	
					$507.85
312244	101-3001-522150-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$441.00	
312244	101-3001-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$32.15	
312244	101-3001-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$34.70	
					$80.00
312267	101-3001-522020-	PETTY CASH/POLICE	MEETING SUPPLIES	$80.00	
					$1,022.04

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312270	101-3001-533250-	RAY O'HERRON	POLICE EQUIPMENT & SUPPLY	$1,022.04	
					$527.05
312297	401-3001-550150-	ULTRA STROBE COMMUNICATIONS INC	VEH MAINTENANCE SUPPLY & SERVICES	$177.10	
312297	401-3001-550150-	ULTRA STROBE COMMUNICATIONS INC	VEH MAINTENANCE SUPPLY & SERVICES	$349.95	
			DEPARTMENT 3001 TOTAL:	$67,728.11	

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Department 3003	**POLICE DEPT CRIMINAL INVEST**				
					$401.75
	231-3003-540010-	ELITE K-9 INC	K-9 EQUIPMENT	$401.75	
					$1,553.74
312263	231-3003-540010-	PARTNERS & PAWS VETERINARY SERVICES	K9 SERVICES	$204.00	
312263	231-3003-540010-	PARTNERS & PAWS VETERINARY SERVICES	K9 SERVICES	$370.74	
312263	231-3003-540010-	PARTNERS & PAWS VETERINARY SERVICES	K9 SERVICES	$979.00	
					$178.51
312266	231-3003-540110-	PET PROS	K9 SUPPLIES	$178.51	
					$21.98
312269	231-3003-540010-	RAY ALLEN MANUFACTURING, LLC	K9 SUPPLIES	$21.98	
			DEPARTMENT 3003 TOTAL:	$2,155.98	

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Department 3501	**FIRE ADMIN**				
					$2,651.75
	101-3501-521110-	CLOTHESRACK	FIRE EQUIPMENT & SUPPLY	$241.95	
	101-3501-521110-	CLOTHESRACK	FIRE EQUIPMENT & SUPPLY	$241.95	
	101-3501-522020-	IL DEPT OF PUBLIC HEALTH	PARAMEDIC LICENSE RENEWAL	$41.00	
	101-3501-522020-	IL DEPT OF PUBLIC HEALTH	PARAMEDIC LICENSE RENEWAL	$41.00	
	101-3501-522020-	IL DEPT OF PUBLIC HEALTH	PARAMEDIC LICENSE RENEWAL	$41.00	
	101-3501-522030-	MIGHTY MITES AWARDS	EVENT SUPPLIES	$410.00	
	101-3501-522030-	JEWEL OSCO 3422	EVENT SUPPLIES	$24.54	
	101-3501-522030-	SWEET T'S BAKERY	EVENT SUPPLIES	$86.25	
	101-3501-531650-	IDENTIFIRE SAFETY	FIRE EQUIPMENT & SUPPLY	$219.89	
	101-3501-531650-	NORTHEAST SCUBA SUPP	FIRE EQUIPMENT & SUPPLY	$210.65	
	101-3501-533450-	NORTH AMERICAN RESCUE	PUBLIC EDUCATION SUPPLIES	$13.57	
	101-3501-533450-	NORTH AMERICAN RESCUE	PUBLIC EDUCATION SUPPLIES	$154.98	
	101-3501-533500-	SENSORONICS INCORPORATED	MEDICAL SUPPLIES	$875.00	
	401-3501-550150-	HOME DEPOT CREDIT SERVICES	NEW SQUAD EQUIPMENT	$49.97	
					$440.00
312118	401-3501-550150-	AIR ONE EQUIPMENT	CLOTHING & APPAREL	$440.00	
					$524.21
312124	101-3501-521110-	AMAZON COM CAPITAL SERVICES	BUILDING MAINTENANCE SUPPLIES	$79.92	
312124	101-3501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$18.88	
312124	101-3501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$115.02	
312124	101-3501-531650-	AMAZON COM CAPITAL SERVICES	EQUIPMENT MAINTENANCE SUPPLIES	$310.39	
					$411.80
312176	101-3501-530010-	DAILY HERALD	SUBSCRIPTION RENEWAL	$411.80	

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					$4,544.00
312180	101-3501-521020-	DJS SCUBA LOCKER INC	EQUIPMENT MAINTENANCE	$49.00	
312180	101-3501-522030-	DJS SCUBA LOCKER INC	TRAVEL AND TRAINING	$825.00	
312180	101-3501-522030-	DJS SCUBA LOCKER INC	TRAVEL AND TRAINING	$825.00	
312180	101-3501-522030-	DJS SCUBA LOCKER INC	TRAVEL AND TRAINING	$895.00	
312180	101-3501-522030-	DJS SCUBA LOCKER INC	TRAVEL AND TRAINING	$975.00	
312180	101-3501-522030-	DJS SCUBA LOCKER INC	TRAVEL AND TRAINING	$975.00	
					$4,889.13
312188	401-3501-550150-	FIRESERVICE MANAGEMENT	FIRE EQUIPMENT & SUPPLY	$4,889.13	
					$10,319.00
312236	401-3501-550150-	MPC COMMUNICATIONS & LIGHTING INC	FIRE EQUIPMENT	$10,319.00	
					$22,130.61
312240	101-3501-520370-	NORTHWEST CENTRAL DISPATCH SYS	MEMBER ASSESSMENT	$16,343.55	
312240	101-3501-521655-	NORTHWEST CENTRAL DISPATCH SYS	COMMUNICATION SERVICES	$240.00	
312240	101-3501-521655-	NORTHWEST CENTRAL DISPATCH SYS	OFFICE EQUIPMENT	$5,487.56	
312240	101-3501-531650-	NORTHWEST CENTRAL DISPATCH SYS	FIRE EQUIPMENT & SUPPLY	$59.50	
					$227.27
312241	101-3501-521655-	NORTHWEST COMMUNITY HOSP	TRAVEL & TRAINING	$227.27	
					$327.75
312268	101-3501-521160-	R H MEDICAL	MEDICAL OXYGEN	$14.25	
312268	101-3501-521160-	R H MEDICAL	MEDICAL OXYGEN	$313.50	
					$194.95
312275	101-3501-522030-	ROUTE 12 RENTAL CO INC	EQUIPMENT RENTAL	$194.95	
					$4,333.90

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312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$29.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$29.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$49.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$59.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$74.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$74.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$76.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$78.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$79.80	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$99.90	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$115.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$119.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$119.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$119.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$119.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$121.85	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$135.95	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$153.90	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$157.90	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$157.90	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$174.85	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$224.80	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$224.80	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$233.85	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$273.80	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$369.85	

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312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$374.75	
312295	101-3501-530350-	TODAY'S UNIFORMS	CLOTHING & APPAREL	$478.65	
					$58.30
312302	101-3501-531650-	VISION MARKETING	FIRE EQUIPMENT & SUPPLY	$58.30	
					$1,545.71
312310	101-3501-531850-	WS DARLEY & CO	SMALL TOOLS & EQUIPMENT	$1,114.70	
312310	401-3501-550150-	WS DARLEY & CO	NEW SQUAD EQUIPMENT	$431.01	
			DEPARTMENT 3501 TOTAL:	$52,598.38	

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Department 3701	**FOREIGN FIRE INSURANCE ADMIN**				
312124	227-3701-550150-	AMAZON COM CAPITAL SERVICES	KITCHEN SUPPLIES	$109.00	**$109.00**
312219	227-3701-550150-	LOWES COMMERCIAL SERVICES	SMALL TOOLS & EQUIPMENT	$236.55	**$236.55**
312271	227-3701-550150-	RED LINE WORKS LLC	VEH MAINTENANCE SUPPLY	$2,841.08	**$2,841.08**
			DEPARTMENT 3701 TOTAL:	$3,186.63	

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Department 4001	**PLANNING PLANNING**				
					$1,304.00
	101-4001-522030-	UNITED AIRLINES	TRAVEL & TRAINING	$40.00	
	101-4001-522030-	HYATT HOTEL	TRAVEL & TRAINING	$1,106.56	
	101-4001-522050-	FEDEX	SHIPPING	$26.85	
	101-4001-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$40.59	
	101-4001-540400-	MEET CHICAGO NORTHWEST	MEETING SUPPLIES	$45.00	
	101-4001-540400-	MEET CHICAGO NORTHWEST	MEETING SUPPLIES	$45.00	
					$302.40
312175	101-4001-522010-	DAILY HERALD	ADVERTISING	$302.40	
					$3,995.00
312191	101-4001-540400-	FRANCE MEDIA INC	ADVERTISING	$3,995.00	
					$287.95
312278	515-4001-533050-	SIGNS BY TOMORROW	PRINTING SERVICES	$287.95	
					$500.00
312303	101-4001-540410-	VISUAL EDGE CREATIVE SERVICES	PROFESSIONAL SERVICES	$500.00	
			DEPARTMENT 4001 TOTAL:	$6,389.35	

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Department 4101	**COMMUNITY DEVL BLK GRNTADMIN**				
					$70,000.00
902594	215-4101-541760-	BUILDERS PAVING LLC	CONSTRUCTION SERVICES	$70,000.00	
			DEPARTMENT 4101 TOTAL:	$70,000.00	

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Department 4501	**BUILDING ADMIN**				
					$487.66
	101-4501-522030-	NORTHWEST BOCA	MEETING SUPPLIES	$90.00	
	101-4501-522030-	MR. ALLISON'S RESTAURANT	EVENT SUPPLIES	$184.62	
	101-4501-522030-	ILLINOIS TOLLWAY	TRAVEL & TRAINING	$6.00	
	101-4501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$48.64	
	101-4501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$86.94	
	101-4501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$34.98	
	101-4501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$8.49	
	101-4501-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$27.99	
					$175.20
312152	101-4501-530350-	BRANDING TOUCHPOINT / IPROMOTE U	CLOTHING & APPAREL	$175.20	
					$1,260.00
312294	101-4501-520050-	THOMPSON ELEVATOR INSPECTION	PROFESSIONAL SERVICES	$35.00	
312294	101-4501-520050-	THOMPSON ELEVATOR INSPECTION	PROFESSIONAL SERVICES	$35.00	
312294	101-4501-520050-	THOMPSON ELEVATOR INSPECTION	PROFESSIONAL SERVICES	$140.00	
312294	101-4501-520050-	THOMPSON ELEVATOR INSPECTION	PROFESSIONAL SERVICES	$1,050.00	
			DEPARTMENT 4501 TOTAL:	$1,922.86	

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Department 7001	**HEALTH ADMIN**				
					$2,220.21
	101-7001-521650-	INTERFAX	OFFICE EQUIPMENT	$9.95	
	101-7001-522020-	JOURNEYS THE ROAD HOME	MEETING SUPPLIES	$65.00	
	101-7001-530050-	CANVA.COM	OFFICE SUPPLIES	$115.60	
	101-7001-540530-	HOLIDAY INN	EMERGENCY ASSISTANCE	$341.50	
	101-7001-540530-	NICOR	EMERGENCY ASSISTANCE.	$1,273.48	
	101-7001-540530-	COMFORT INN & SUITES	EMERGENCY ASSISTANCE	$145.60	
	101-7001-540530-	LYFT	EMERGENCY ASSISTANCE	$18.19	
	101-7001-540530-	LYFT	EMERGENCY ASSISTANCE	$19.53	
	101-7001-540530-	LYFT	EMERGENCY ASSISTANCE	$61.74	
	101-7001-540530-	LYFT	EMERGENCY ASSISTANCE	$87.38	
	101-7001-540530-	LYFT	EMERGENCY ASSISTANCE	$39.95	
	101-7001-540530-	LYFT	EMERGENCY ASSISTANCE	$42.29	
					$2,839.03
312134	101-7001-541160-	ARLINGTON HTS PARK DISTRICT	CAP SCHOLARSHIP	$2,839.03	
					$900.00
312138	101-7001-520250-	ASSOCIATION FOR MULTICULTURAL BEHAVIORAL HEALTH	COUNSELING SUBSIDY	$900.00	
					$210.00
312148	101-7001-533100-	BEVERLY HANSON	REIMBURSEMENT	$210.00	
					$220.00
312173	101-7001-521100-	CORELOGIC SOLUTIONS LLC	OFFICE EQUIPMENT	$220.00	
					$1,055.00
312189	101-7001-521100-	FLECK'S LANDSCAPING	LANDSCAPING SERVICES	$1,055.00	
					$101.45

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312209	101-7001-530050-	KIMBERLY SANTOS- WITT	EVENT SUPPLIES	$101.45	
					$100.00
312215	101-7001-520250-	LEMKE, SHERRY	COUNSELING SUBSIDY	$100.00	
					$1,115.39
312227	101-7001-533100-	MC KESSON MEDICAL SURGICAL	NURSING SUPPLIES	$6.73	
312227	101-7001-533100-	MC KESSON MEDICAL SURGICAL	NURSING SUPPLIES	$1,108.66	
			DEPARTMENT 7001 TOTAL:	$8,761.08	

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Department 7007	**HEALTH SENIOR SERVICES**				
					$3,121.75
	101-7007-530050-	AMAZON COM CAPITAL SERVICES	EQUIPMENT	$320.87	
	101-7007-530050-	AMAZON COM CAPITAL SERVICES	OFFICE EQUIPMENT	$32.36	
	101-7007-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$22.55	
	101-7007-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$32.70	
	101-7007-530050-	AMAZON COM CAPITAL SERVICES	OFFICE SUPPLIES	$75.63	
	101-7007-531650-	AMAZON COM CAPITAL SERVICES	CAFE SUPPLIES	$48.74	
	101-7007-531650-	SNAPFISH.COM	PROGRAM SUPPLIES	$36.42	
	101-7007-540160-	BEVERLY LANES	PROGRAM SUPPLIES	$470.88	
	101-7007-540160-	AMAZON COM CAPITAL SERVICES	CAFE SUPPLIES	$72.97	
	101-7007-540160-	TORTORICE'S PIZZERIA	PROGRAM SUPPLIES	$221.50	
	101-7007-540160-	AMAZON COM CAPITAL SERVICES	PROGRAM SUPPLIES	$4.99	
	101-7007-540160-	PANERA	PROGRAM SUPPLIES	$381.29	
	101-7007-540160-	JIN 28	PROGRAM SUPPLIES	$238.65	
	101-7007-540160-	FAT ROSIE'S	PROGRAM SUPPLIES	$735.00	
	101-7007-540160-	FTD, LLC	PROGRAM SUPPLIES	$104.48	
	101-7007-540160-	4IMPRINT	PROGRAM SUPPLIES	$298.27	
	101-7007-540160-	FITNESS DAY.COM	PROGRAM SUPPLIES	$24.45	
					$210.00
312116	101-7007-521650-	ACCURATE BIOMETRICS	PROFESSIONAL SERVICES	$210.00	
					$99.00
312125	101-7007-522400-	AMERICAN TAXI	TAXI SUBSIDY	$99.00	
					$135.00
312129	101-7007-540160-	ANITA DAVIS	PROGRAM INSTRUCTIONAL FEE	$135.00	

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					$55.33
312157	101-7007-522150-	CANON U.S.A. INC	OFFICE MACHINES & ACCESS	$55.33	
					$250.00
312163	101-7007-540160-	CHINESE INTERCULTURAL, LLC	PROGRAM INSTRUCTIONAL FEE	$250.00	
			DEPARTMENT 7007 TOTAL:	$3,871.08	

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Department 7101	**PUBLIC WORKS ADMIN**				
					$3,538.78
	101-7101-522030-	IL ARBORIST ASSOCIATION	TRAVEL & TRAINING	$20.00	
	101-7101-522030-	IL ARBORIST ASSOCIATION	TRAVEL & TRAINING	$20.00	
	101-7101-522030-	IL ARBORIST ASSOCIATION	TRAVEL & TRAINING	$20.00	
	101-7101-522030-	IL ARBORIST ASSOCIATION	TRAVEL & TRAINING	$20.00	
	101-7101-522030-	APWA ILLINOIS PUBLIC SERVICE	TRAVEL & TRAINING	$580.00	
	101-7101-531550-	SOUTH SIDE CONTROL SUPPLY CO.	BUILDING MAINTENANCE SUPPLY	$2,126.52	
	101-7101-531650-	NORTHWEST DONUTS INC	EVENT SUPPLIES	$37.44	
	101-7101-531650-	SAMS CLUB	EVENT SUPPLIES	$57.22	
	101-7101-531650-	EINSTEIN BROS. BAGEL	EVENT SUPPLIES	$138.48	
	101-7101-531650-	NINOS PIZZERIA & CATERING	EVENT SUPPLIES	$454.32	
	101-7101-531650-	HOBBY LOBBY	EVENT SUPPLIES	$25.00	
	101-7101-531650-	SAMS CLUB	MEETING SUPPLIES	$39.80	
					$2,517.59
312124	101-7101-531550-	AMAZON COM CAPITAL SERVICES	BUILDING MAINTENANCE SUPPLY	$19.66	
312124	101-7101-531650-	AMAZON COM CAPITAL SERVICES	EQUIPMENT	$34.98	
312124	101-7101-531650-	AMAZON COM CAPITAL SERVICES	EQUIPMENT	$37.67	
312124	101-7101-531650-	AMAZON COM CAPITAL SERVICES	EQUIPMENT	$177.33	
312124	401-7101-550200-	AMAZON COM CAPITAL SERVICES	EQUIPMENT	$2,247.95	
					$1,020.00
312126	101-7101-531800-	AMERICAN TRAFFIC SAFETY MATERIALS	STREET SUPPLIES	$1,020.00	
					$60,327.40
312128	101-7101-521020-	ANDERSON PUMP SERVICE	EQUIPMENT MAINTENANCE	$7,422.00	
312128	101-7101-521020-	ANDERSON PUMP SERVICE	EQUIPMENT MAINTENANCE	$52,905.40	

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312130	101-7101-522020-	ANTHONY BUTERA	REIMBURSEMENT	$50.00	**$50.00**
312132	101-7101-521020-	AQUALAB WATER TREATMENT INC	EQUIPMENT MAINTENANCE	$285.00	**$285.00**
312135	101-7101-521360-	ARLINGTON RENTAL INC	EQUIPMENT RENTAL	$825.00	**$825.00**
312137	101-7101-530350-	ASHLEY KARR	REIMBURSEMENT	$185.00	**$185.00**
312139	101-7101-522700-	AT & T	ACCT 84725535058159	$665.22	**$665.22**
312140	101-7101-522700-	AT & T	ACCT 8310010134261	$1,248.80	**$1,248.80**
312141	101-7101-522700-	AT & T	ACCT 8310010146347	$783.35	**$783.35**
312142	101-7101-522700-	AT & T	ACCT 84725331203952	$2,030.95	**$2,030.95**
312143	101-7101-522700-	AT & T LONG DISTANCE	ACCT 857099062	$0.81	**$0.81**
312144	101-7101-521360-	ATLAS FIRST ACCESS INC	EQUIPMENT RENTAL	$4,245.00	**$4,245.00**
312147	101-7101-531550-	BERLANDS HOUSE OF TOOLS	BUILDING MAINTENANCE SUPPLY	$146.98	**$146.98**
312149	101-7101-521110-	BILLS PLUMBING & SEWER IN	SERVICE BUILDING MAINTENANCE	$255.00	**$990.00**
312149	101-7101-521110-	BILLS PLUMBING & SEWER IN	SERVICE BUILDING MAINTENANCE	$735.00	
					$9,753.00

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312150	401-7101-550300-	BLA, INC	PROFESSIONAL SERVICES	$9,753.00	
					$2,826.50
312154	101-7101-531900-	BUILDERS ASPHALT LLC	STREET SUPPLIES	$2,826.50	
					$33.39
312157	101-7101-522150-	CANON U.S.A. INC	OFFICE MACHINES & ACCESS	$33.39	
					$4,015.14
312164	101-7101-520050-	CHRISTOPHER B BURKE LTD	PROFESSIONAL SERVICES	$1,197.09	
312164	401-7101-550300-	CHRISTOPHER B BURKE LTD	PROFESSIONAL SERVICES	$2,818.05	
					$32,700.00
312165	426-7101-550250-	CIORBA GROUP, INC	PROFESSIONAL SERVICES	$32,700.00	
					$32.13
312167	101-7101-522700-	COMCAST CABLE	ACCT 8771100720048998	$32.13	
					$64.26
312169	101-7101-522700-	COMCAST CABLE	ACCT 8771100720901436	$64.26	
					$3,700.00
312170	101-7101-521110-	COMMERCIAL/RESIDENTIAL FINISHES	SERVICE BUILDING MAINTENANCE	$3,700.00	
					$18,820.00
312174	101-7101-521110-	CRYSTAL MAINTENANCE & MGMT SRVS	CLEANING SERVICES	$18,820.00	
					$21,082.75
312181	401-7101-550300-	DOLAND ENGINEERING, LLC	PROFESSIONAL SERVICES	$3,483.00	
312181	401-7101-550300-	DOLAND ENGINEERING, LLC	PROFESSIONAL SERVICES	$17,599.75	
					$825.00
312190	101-7101-521020-	FOUNTAIN PROS LLC	EQUIPMENT MAINTENANCE	$825.00	
					$492.54
312195	101-7101-531550-	GRAINGER W W INC	BUILDING MAINTENANCE SUPPLY	$221.17	

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312195	101-7101-531550-	GRAINGER W W INC	BUILDING MAINTENANCE SUPPLY	$228.99	
312195	101-7101-531850-	GRAINGER W W INC	SMALL TOOLS & EQUIPMENT	$42.38	
					$2,125.00
312197	101-7101-531900-	HIGH STAR TRAFFIC	STREET SUPPLIES	$2,125.00	
					$162.00
312198	101-7101-530010-	HR DIRECT	PUBLICATIONS	$54.00	
312198	101-7101-530010-	HR DIRECT	PUBLICATIONS	$54.00	
312198	101-7101-530010-	HR DIRECT	PUBLICATIONS	$54.00	
					$732.00
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$60.00	
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$60.00	
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$65.00	
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$88.00	
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$88.00	
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$104.00	
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$120.00	
312204	101-7101-521110-	INTL EXTERMINATORS INC	SERVICE BUILDING MAINTENANCE	$147.00	
					$262.80
312206	101-7101-531550-	JC LICHT	BUILDING MAINTENANCE SUPPLY	$106.20	
312206	101-7101-531800-	JC LICHT	STREET SIGN SUPPLIES	$156.60	
					$1,146.89
312219	101-7101-531550-	LOWES COMMERCIAL SERVICES	BUILDING MAINTENANCE SUPPLY	$6.35	
312219	101-7101-531550-	LOWES COMMERCIAL SERVICES	BUILDING MAINTENANCE SUPPLY	$338.16	
312219	101-7101-531650-	LOWES COMMERCIAL SERVICES	MISCELLANEOUS SUPPLIES	$83.93	
312219	101-7101-531650-	LOWES COMMERCIAL SERVICES	MISCELLANEOUS SUPPLIES	$87.28	
312219	101-7101-531750-	LOWES COMMERCIAL SERVICES	STREET LIGHT SUPPLIES	$37.86	

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312219	101-7101-531750-	LOWES COMMERCIAL SERVICES	STREET LIGHT SUPPLIES	$54.22	
312219	101-7101-531750-	LOWES COMMERCIAL SERVICES	STREET LIGHT SUPPLIES	$238.68	
312219	101-7101-531800-	LOWES COMMERCIAL SERVICES	STREET SIGN SUPPLIES	$41.42	
312219	101-7101-531850-	LOWES COMMERCIAL SERVICES	SMALL TOOLS & EQUIPMENT	$92.42	
312219	101-7101-531850-	LOWES COMMERCIAL SERVICES	SMALL TOOLS & EQUIPMENT	$156.09	
312219	515-7101-533050-	LOWES COMMERCIAL SERVICES	EVENT SUPPLIES	$10.48	
					$155.00
312225	101-7101-530350-	MATTHEW STENCEL	REIMBURSEMENT	$155.00	
					$297.20
312226	101-7101-531400-	MATTS ACE HARDWARE	AGRICULTURAL SUPPLIES	$23.93	
312226	101-7101-531550-	MATTS ACE HARDWARE	BUILDING MAINTENANCE SUPPLY	$17.56	
312226	101-7101-531550-	MATTS ACE HARDWARE	BUILDING MAINTENANCE SUPPLY	$18.99	
312226	101-7101-531650-	MATTS ACE HARDWARE	MISCELLANEOUS SUPPLIES	$39.96	
312226	101-7101-531750-	MATTS ACE HARDWARE	STREET LIGHT SUPPLIES	$11.96	
312226	101-7101-531750-	MATTS ACE HARDWARE	STREET LIGHT SUPPLIES	$13.98	
312226	101-7101-531850-	MATTS ACE HARDWARE	SMALL TOOLS	$17.99	
312226	101-7101-531850-	MATTS ACE HARDWARE	SMALL TOOLS	$19.98	
312226	101-7101-531850-	MATTS ACE HARDWARE	SMALL TOOLS & EQUIPMENT	$39.97	
312226	101-7101-531850-	MATTS ACE HARDWARE	SMALL TOOLS & EQUIPMENT	$56.99	
312226	515-7101-533050-	MATTS ACE HARDWARE	MISCELLANEOUS SUPPLIES	$7.99	
312226	515-7101-533050-	MATTS ACE HARDWARE	MISCELLANEOUS SUPPLIES	$27.90	
					$62.40
312228	101-7101-531550-	MC MASTER CARR SUPPLY CO	BUILDING MAINTENANCE SUPPLY	$62.40	
					$511.70
312231	101-7101-521020-	METRO DOOR AND DOCK	EQUIPMENT MAINTENANCE	$511.70	
					$3,913.40

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312232	101-7101-531400-	MICHIGAN WEST SHORE	AGRICULTURAL SUPPLIES	$569.70	
312232	101-7101-531400-	MICHIGAN WEST SHORE	AGRICULTURAL SUPPLIES	$3,343.70	
					$87,660.00
312233	101-7101-521020-	MID AMERICAN ELEVATOR CO INC	EQUIPMENT MAINTENANCE	$1,660.00	
312233	235-7101-550250-	MID AMERICAN ELEVATOR CO INC	SERVICE BUILDING MAINTENANCE	$16,000.00	
312233	235-7101-550250-	MID AMERICAN ELEVATOR CO INC	SERVICE BUILDING MAINTENANCE	$70,000.00	
					$388.07
312242	101-7101-531550-	NORTHWEST ELECTRICAL SUPPLY CO	BUILDING MAINTENANCE SUPPLY	$388.07	
					$13.99
312243	401-7101-550200-	O'REILLY AUTO PARTS	BUILDING MAINTENANCE SUPPLY	$13.99	
					$107.73
312244	101-7101-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$45.93	
312244	101-7101-530050-	ODP BUSINESS SOLUTIONS	OFFICE SUPPLIES	$61.80	
					$59,667.45
312245	101-7101-521150-	OLIVE GROVE LANDSCAPING LLC	LANDSCAPING SERVICES	$19,667.45	
312245	401-7101-550300-	OLIVE GROVE LANDSCAPING LLC	LANDSCAPING SERVICES	$40,000.00	
					$194.00
312255	401-7101-550300-	MIKE BROST	RESIDENT REIMBURSEMENT	$194.00	
					$700.00
312256	401-7101-550300-	WENDALL VALDECANTOS	RESIDENT REIMBURSEMENT	$700.00	
					$80,000.00
312265	101-7101-521150-	PATRIOT PAVEMENT MAINTENANCE INC	CONSTRUCTION SERVICES	$80,000.00	
					$1,724.93
312272	101-7101-530350-	RED WING BUSINESS ADVANTAGE ACCT	CLOTHING & APPAREL	$200.00	
312272	101-7101-530350-	RED WING BUSINESS ADVANTAGE	CLOTHING & APPAREL	$378.49	

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		ACCT			
312272	101-7101-530350-	RED WING BUSINESS ADVANTAGE ACCT	CLOTHING & APPAREL	$400.00	
312272	101-7101-530350-	RED WING BUSINESS ADVANTAGE ACCT	CLOTHING & APPAREL	$546.44	
312272	101-7101-530350-	RED WING BUSINESS ADVANTAGE ACCT	CLOTHING & APPAREL	$200.00	
					$2,432.50
312273	101-7101-520050-	RITTER GIS	PROFESSIONAL SERVICES	$2,432.50	
					$1,162.46
312274	101-7101-521110-	ROSCOE COMPANY	SERVICE BUILDING MAINTENANCE	$76.00	
312274	101-7101-521110-	ROSCOE COMPANY	SERVICE BUILDING MAINTENANCE	$99.48	
312274	101-7101-521110-	ROSCOE COMPANY	SERVICE BUILDING MAINTENANCE	$100.21	
312274	101-7101-521110-	ROSCOE COMPANY	SERVICE BUILDING MAINTENANCE	$148.56	
312274	101-7101-521110-	ROSCOE COMPANY	SERVICE BUILDING MAINTENANCE	$219.69	
312274	101-7101-521110-	ROSCOE COMPANY	SERVICE BUILDING MAINTENANCE	$241.73	
312274	101-7101-521110-	ROSCOE COMPANY	SERVICE BUILDING MAINTENANCE	$276.79	
					$163.86
312275	101-7101-531850-	ROUTE 12 RENTAL CO INC	SMALL TOOLS & EQUIPMENT	$54.54	
312275	101-7101-531850-	ROUTE 12 RENTAL CO INC	SMALL TOOLS & EQUIPMENT	$109.32	
					$615.34
312278	101-7101-531550-	SIGNS BY TOMORROW	BUILDING MAINTENANCE SUPPLY	$615.34	
					$235.73
312279	101-7101-531400-	SITEONE LANDSCAPE SUPPLY LLC	AGRICULTURAL SUPPLIES	$156.04	
312279	101-7101-531650-	SITEONE LANDSCAPE SUPPLY LLC	AGRICULTURAL SUPPLIES	$79.69	
					$145.46
312280	101-7101-522700-	SOUND INCORPORATED	PHONE SERVICES	$72.73	
312280	101-7101-522700-	SOUND INCORPORATED	PHONE SERVICES	$72.73	

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					$217.68
312283	101-7101-531550-	STANDARD PIPE & SUPPLY INC	BUILDING MAINTENANCE SUPPLY	($38.00)	
312283	101-7101-531550-	STANDARD PIPE & SUPPLY INC	BUILDING MAINTENANCE SUPPLY	$255.68	
					$230,097.16
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$10,698.27	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$16,080.55	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$18,903.25	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$24,977.79	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$25,471.41	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$25,821.45	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$26,521.53	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$27,036.11	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$27,293.40	
312284	211-7101-550400-	STATE OF IL TREASURER	TRAFFIC SIGNAL MAINTENANCE	$27,293.40	
					$50.00
312286	101-7101-522100-	SUMMIT PRINT SOLUTIONS	PRINTING SERVICES	$50.00	
					$494,867.79
312288	426-7101-550250-	SWALLOW CONSTRUCTION CORP.	CONSTRUCTION SERVICES	$166,293.10	
312288	426-7101-550250-	SWALLOW CONSTRUCTION CORP.	CONSTRUCTION SERVICES	$328,574.69	
					$4,166.46
312291	101-7101-531650-	TENACIOUS BRANDS	MISCELLANEOUS SUPPLIES	$4,166.46	
					$7.20
312292	101-7101-531850-	TERRACE SUPPLY CO	SMALL TOOLS & EQUIPMENT	$7.20	
					$5,451.91
312296	101-7101-531450-	ULINE INC	JANITORIAL SUPPLIES	$975.13	
312296	101-7101-531450-	ULINE INC	JANITORIAL SUPPLIES	$4,476.78	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
					$126.44
312300	101-7101-522700-	VERIZON WIRELESS	ACCT 64202486400001	$126.44	
					$825.00
312308	101-7101-521655-	WHITMORE INC	OFFICE EQUIPMENT	$825.00	
					$375.00
312309	101-7101-522700-	WILSON CONSULTING	PROFESSIONAL SERVICES	$375.00	
					$375.00
312313	101-7101-520050-	ZIMMERMAN, RYAN	PROFESSIONAL SERVICES	$375.00	
					$859.44
312314	101-7101-531450-	ZORO TOOLS INC	JANITORIAL SUPPLIES	$859.44	
					$2,073.18
802490	101-7101-522700-	AT & T	ACCT 84725961248940	$153.57	
802490	101-7101-522700-	AT & T	ACCT 84739893361501	$155.02	
802490	101-7101-522700-	AT & T	ACCT 84739893901330	$161.94	
802490	101-7101-522700-	AT & T	ACCT 84757754536603	$182.47	
802490	101-7101-522700-	AT & T	ACCT 84743978686650	$307.09	
802490	101-7101-522700-	AT & T	ACCT 84725334382001	$310.05	
802490	101-7101-522700-	AT & T	ACCT 84757757951551	$803.04	
					$1,660.53
802491	101-7101-521500-	COMMONWEALTH EDISON COMPANY	ACCT 3895240100	$33.41	
802491	101-7101-521500-	COMMONWEALTH EDISON COMPANY	ACCT 1483465000	$119.41	
802491	101-7101-521500-	COMMONWEALTH EDISON COMPANY	ACCT 2318364000	$121.67	
802491	101-7101-521500-	COMMONWEALTH EDISON COMPANY	ACCT 7397572000	$282.17	
802491	101-7101-521500-	COMMONWEALTH EDISON COMPANY	ACCT 8017024000	$1,103.87	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
					$451,723.21
902594	401-7101-550300-	BUILDERS PAVING LLC	CONSTRUCTION SERVICES	$253,632.14	
902594	401-7101-550450-	BUILDERS PAVING LLC	CONSTRUCTION SERVICES	$198,091.07	
			DEPARTMENT 7101 TOTAL:	$1,610,660.50	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 7201	**WATER AND SEWER ADMIN**				
					$2,988.42
	505-7201-521650-	APPLE STORE	DATA PLAN	$0.99	
	505-7201-531650-	NORTHWEST DONUTS INC	EVENT SUPPLIES	$37.43	
	505-7201-531650-	SAMS CLUB	EVENT SUPPLIES	$57.22	
	505-7201-531650-	EINSTEIN BROS. BAGEL	EVENT SUPPLIES	$138.48	
	505-7201-531650-	NINOS PIZZERIA & CATERING	EVENT SUPPLIES	$454.31	
	505-7201-531650-	HOBBY LOBBY	EVENT SUPPLIES	$24.99	
	505-7201-550200-	USED CONEX, LLC	BUILDING MAINTENANCE SUPPLY	$2,275.00	
					$1,515.39
312120	505-7201-531600-	ALEXANDER CHEMICAL CORP	CHEMICALS	$1,515.39	
					$3,380.00
312121	505-7201-521350-	ALPINE SAP, INC.	METER SUPPLIES	$2,250.00	
312121	505-7201-531020-	ALPINE SAP, INC.	METER SUPPLIES	$255.65	
312121	505-7201-531020-	ALPINE SAP, INC.	METER SUPPLIES	$374.35	
312121	505-7201-531020-	ALPINE SAP, INC.	METER SUPPLIES	$500.00	
					$104.00
312124	505-7201-530350-	AMAZON COM CAPITAL SERVICES	CLOTHING & APPAREL	$104.00	
					$264.00
312127	505-7201-522020-	AMERICAN WATER WORKS ASSOC	DUES	$264.00	
					$170.00
312131	505-7201-522030-	APWA CHICAGO METRO CHAPTER	TRAVEL & TRAINING	$70.00	
312131	505-7201-522030-	APWA CHICAGO METRO CHAPTER	TRAVEL & TRAINING	$100.00	
					$105.00
312145	505-7201-522030-	AWWA ILLINOIS SECTION	TRAVEL & TRAINING	$25.00	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312145	505-7201-522030-	AWWA ILLINOIS SECTION	TRAVEL & TRAINING	$80.00	
					$740.00
312146	505-7201-520050-	BAXTER & WOODMAN	PROFESSIONAL SERVICES	$740.00	
					$7,744.24
312153	505-7201-521020-	BUCKEYE POWER SALES CO. INC.	EQUIPMENT MAINTENANCE	($537.50)	
312153	505-7201-521020-	BUCKEYE POWER SALES CO. INC.	EQUIPMENT MAINTENANCE	$415.08	
312153	505-7201-521020-	BUCKEYE POWER SALES CO. INC.	EQUIPMENT MAINTENANCE	$850.00	
312153	505-7201-521020-	BUCKEYE POWER SALES CO. INC.	EQUIPMENT MAINTENANCE	$1,700.00	
312153	505-7201-521020-	BUCKEYE POWER SALES CO. INC.	EQUIPMENT MAINTENANCE	$2,500.00	
312153	505-7201-521020-	BUCKEYE POWER SALES CO. INC.	EQUIPMENT MAINTENANCE	$2,816.66	
					$980.25
312154	505-7201-531900-	BUILDERS ASPHALT LLC	STREET SUPPLIES	$980.25	
					$58,614.05
312156	505-7201-521360-	C C CARTAGE INC	DISPOSAL SERVICES	$34,668.20	
312156	505-7201-521620-	C C CARTAGE INC	DISPOSAL SERVICES	$10,968.70	
312156	505-7201-531900-	C C CARTAGE INC	DISPOSAL SERVICES	$12,977.15	
					$79.53
312171	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 3582102111	$79.53	
					$15,302.28
312177	505-7201-521500-	DIRECT ENERGY BUSINESS MARKETING LLC	ACCT 1806641	$15,302.28	
					$12,500.26
312178	505-7201-521500-	DIRECT ENERGY BUSINESS MARKETING LLC	ACCT 1806639	$12,500.26	
					$457.03
312179	505-7201-521500-	DIRECT ENERGY BUSINESS MARKETING LLC	ACCT 1806640	$457.03	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
					$2,401.96
312183	505-7201-531010-	EJ USA INC	WATER SYSTEM SUPPLIES	$2,401.96	
					$3,600.54
312195	505-7201-531550-	GRAINGER W W INC	WATER SYSTEM SUPPLIES	$184.56	
312195	505-7201-550150-	GRAINGER W W INC	EQUIPMENT	$1,138.66	
312195	505-7201-550150-	GRAINGER W W INC	EQUIPMENT	$1,138.66	
312195	505-7201-550150-	GRAINGER W W INC	EQUIPMENT	$1,138.66	
					$2,125.00
312197	505-7201-531900-	HIGH STAR TRAFFIC	STREET SUPPLIES	$2,125.00	
					$161.97
312198	505-7201-530010-	HR DIRECT	PUBLICATIONS	$53.99	
312198	505-7201-530010-	HR DIRECT	PUBLICATIONS	$53.99	
312198	505-7201-530010-	HR DIRECT	PUBLICATIONS	$53.99	
					$880.00
312207	505-7201-521300-	JCK CONTRACTORS	WATER SUPPLIES	$440.00	
312207	505-7201-521300-	JCK CONTRACTORS	WATER SUPPLIES	$440.00	
					$229.01
312217	505-7201-522030-	LIZ MAK	TRAVEL AND TRAINING	$229.01	
					$550.43
312219	505-7201-531010-	LOWES COMMERCIAL SERVICES	WATER SUPPLIES	$25.51	
312219	505-7201-531070-	LOWES COMMERCIAL SERVICES	WATER SUPPLIES	$15.09	
312219	505-7201-531550-	LOWES COMMERCIAL SERVICES	BUILDING MAINTENANCE SUPPLY	$105.89	
312219	505-7201-531550-	LOWES COMMERCIAL SERVICES	WATER SUPPLIES	$120.42	
312219	505-7201-531650-	LOWES COMMERCIAL SERVICES	MISCELLANEOUS SUPPLIES	$11.38	
312219	505-7201-531850-	LOWES COMMERCIAL SERVICES	SMALL TOOLS & EQUIPMENT	$46.50	
312219	505-7201-531850-	LOWES COMMERCIAL SERVICES	SMALL TOOLS & EQUIPMENT	$47.10	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312219	505-7201-531850-	LOWES COMMERCIAL SERVICES	SMALL TOOLS & EQUIPMENT	$55.06	
312219	505-7201-531850-	LOWES COMMERCIAL SERVICES	SMALL TOOLS & EQUIPMENT	$123.48	
					$695.00
312220	505-7201-521300-	M E SIMPSON CO INC	WATER SUPPLIES	$695.00	
					$151.76
312226	505-7201-531600-	MATTS ACE HARDWARE	CHEMICALS	$11.96	
312226	505-7201-531650-	MATTS ACE HARDWARE	BUILDING MAINTENANCE SUPPLY	$10.90	
312226	505-7201-531650-	MATTS ACE HARDWARE	BUILDING MAINTENANCE SUPPLY	$22.99	
312226	505-7201-531850-	MATTS ACE HARDWARE	SMALL TOOLS	$81.93	
312226	505-7201-531850-	MATTS ACE HARDWARE	SMALL TOOLS & EQUIPMENT	$23.98	
					$632.69
312229	505-7201-531070-	MENARDS-LONG GROVE	SEWER SUPPLIES	$440.02	
312229	505-7201-531550-	MENARDS-LONG GROVE	BUILDING MAINTENANCE SUPPLY	$27.97	
312229	505-7201-531550-	MENARDS-LONG GROVE	BUILDING MAINTENANCE SUPPLY	$46.49	
312229	505-7201-531550-	MENARDS-LONG GROVE	BUILDING MAINTENANCE SUPPLY	$118.21	
					$612.00
312234	505-7201-531010-	MID AMERICAN WATER OF WAUCONDA, INC.	WATER SUPPLIES	$426.00	
312234	505-7201-531010-	MID AMERICAN WATER OF WAUCONDA, INC.	WATER SYSTEM SUPPLIES	$186.00	
					$200.00
312239	505-7201-530350-	NORBERT MROCZKOWSKI	REIMBURSEMENT	$200.00	
					$200.00
312272	505-7201-530350-	RED WING BUSINESS ADVANTAGE ACCT	CLOTHING & APPAREL	$200.00	
					$2,432.50
312273	505-7201-520050-	RITTER GIS	PROFESSIONAL SERVICES	$2,432.50	
					$1,390.00

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312285	505-7201-520050-	SUBURBAN LABORATORIES INC	PROFESSIONAL SERVICES	$1,390.00	
					$2,666.98
312293	505-7201-531020-	TEST GAUGE INC	METER SUPPLIES	$278.33	
312293	505-7201-531020-	TEST GAUGE INC	METER SUPPLIES	$467.81	
312293	505-7201-531020-	TEST GAUGE INC	METER SUPPLIES	$1,920.84	
					$369.00
312298	505-7201-531010-	UNDERGROUND PIPE & VALVE	WATER SUPPLIES	$369.00	
					$1,794.52
312301	505-7201-522030-	VERONICA TREVINO	TRAVEL AND TRAINING	$1,794.52	
					$540.00
312304	505-7201-531070-	WATER PRODUCTS COMPANY OF AURORA, INC.	SEWER SUPPLIES	$540.00	
					$96,740.00
312305	505-7201-550150-	WATER WELL SOLUTIONS ILLINOIS LLC	EQUIPMENT MAINTENANCE	$96,740.00	
					$358.00
312312	505-7201-531010-	ZIEBELL WATER SERVICE PRODUCTS	WATER SUPPLIES	$358.00	
					$375.00
312313	505-7201-520050-	ZIMMERMAN, RYAN	PROFESSIONAL SERVICES	$375.00	
					$415.69
312314	505-7201-531850-	ZORO TOOLS INC	SMALL TOOLS & EQUIPMENT	$415.69	
					$462.93
802490	505-7201-522700-	AT & T	ACCT 84743746858567	$153.58	
802490	505-7201-522700-	AT & T	ACCT 84743746842777	$153.58	
802490	505-7201-522700-	AT & T	ACCT 84725301748135	$155.77	
					$3,895.85
802491	505-7201-521500-	COMMONWEALTH EDISON	ACCT 0766943000	$41.18	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
		COMPANY			
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 6652766000	$80.79	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 2471022222	$111.65	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 0085022222	$126.16	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 4873432222	$128.25	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 8275568111	$159.66	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 6000042222	$282.67	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 1624693000	$351.00	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 7839129000	$437.30	
802491	505-7201-521500-	COMMONWEALTH EDISON COMPANY	ACCT 8556642222	$2,177.19	
					$239.26
802492	505-7201-521500-	NICOR	ACCT 04055600003	$239.26	
			DEPARTMENT 7201 TOTAL:	$229,064.54	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 7301	**PARKING ADMIN**				
					$419.16
312182	235-7301-521110-	ECO CLEAN MAINTENANCE INC	CLEANING SERVICES	$419.16	
					$78.64
802491	235-7301-521500-	COMMONWEALTH EDISON COMPANY	ACCT 9730174000	$27.28	
802491	235-7301-521500-	COMMONWEALTH EDISON COMPANY	ACCT 8899825000	$51.36	
			DEPARTMENT 7301 TOTAL:	$497.80	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 7302	**PARKING VAIL ST. GARAGE OPER**				
312168	235-7302-521500-	COMCAST CABLE	ACCT 8771100721377909	$151.35	**$151.35**
312182	235-7302-521110-	ECO CLEAN MAINTENANCE INC	CLEANING SERVICES	$1,327.34	**$1,327.34**
802490	235-7302-521500-	AT & T	ACCT 84725309782425	$340.01	**$340.01**
			DEPARTMENT 7302 TOTAL:	$1,818.70	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 7303	**PARKING NORTH GARAGE OPER**				
312182	235-7303-521110-	ECO CLEAN MAINTENANCE INC	CLEANING SERVICES	$1,327.34	**$1,327.34**
802490	235-7303-521500-	AT & T	ACCT 84763200281737	$618.97	**$618.97**
			DEPARTMENT 7303 TOTAL:	$1,946.31	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 7304	**PARKING EVERGREEN ST GAR OPER**				
					$419.16
312182	235-7304-521110-	ECO CLEAN MAINTENANCE INC	CLEANING SERVICES	$419.16	
			DEPARTMENT 7304 TOTAL:	$419.16	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 7501	**MUNICIPAL FLEET SVCS ADMIN**				
					$1,285.27
	621-7501-521020-	HELM INC	OFFICE EQUIPMENT	$800.00	
	621-7501-521070-	ILLINOIS TOLLWAY	IPASS AUTO REPLENISH	$40.00	
	621-7501-531510-	NENNO PRODUCTS LLC	VEH MAINTENANCE SUPPLY	$445.27	
					$885.21
312122	621-7501-521070-	ALTEC INDUSTRIES INC	EQUIPMENT MAINTENANCE	$885.21	
					$3,185.78
312123	621-7501-521070-	ALTORFER INDUSTRIES	EQUIPMENT MAINTENANCE	$2,445.16	
312123	621-7501-531510-	ALTORFER INDUSTRIES	VEH MAINTENANCE SUPPLY	$131.33	
312123	621-7501-531510-	ALTORFER INDUSTRIES	VEH MAINTENANCE SUPPLY	$609.29	
					$558.58
312124	621-7501-531500-	AMAZON COM CAPITAL SERVICES	VEH MAINTENANCE SUPPLY	$269.70	
312124	621-7501-531500-	AMAZON COM CAPITAL SERVICES	VEH MAINTENANCE SUPPLY	$288.88	
					$1,203.88
312133	621-7501-531510-	ARLINGTON HTS FORD	VEH MAINTENANCE SUPPLY	$97.94	
312133	621-7501-531510-	ARLINGTON HTS FORD	VEH MAINTENANCE SUPPLY	$101.27	
312133	621-7501-531510-	ARLINGTON HTS FORD	VEH MAINTENANCE SUPPLY	$105.82	
312133	621-7501-531510-	ARLINGTON HTS FORD	VEH MAINTENANCE SUPPLY	$347.00	
312133	621-7501-531510-	ARLINGTON HTS FORD	VEH MAINTENANCE SUPPLY	$551.85	
					$885.14
312155	621-7501-531510-	BUMPER TO BUMPER	VEH MAINTENANCE SUPPLY	$22.73	
312155	621-7501-531510-	BUMPER TO BUMPER	VEH MAINTENANCE SUPPLY	$162.27	
312155	621-7501-531510-	BUMPER TO BUMPER	VEH MAINTENANCE SUPPLY	$325.28	
312155	621-7501-531510-	BUMPER TO BUMPER	VEH MAINTENANCE SUPPLY	$374.86	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
					$95.00
312159	621-7501-521070-	CASSIDY TIRE & SERVICE	EQUIPMENT MAINTENANCE	$95.00	
					$1,335.98
312162	621-7501-531510-	CHICAGO PARTS & SOUND ENTERPRISES	VEH MAINTENANCE SUPPLY	($99.08)	
312162	621-7501-531510-	CHICAGO PARTS & SOUND ENTERPRISES	VEH MAINTENANCE SUPPLY	$64.06	
312162	621-7501-531510-	CHICAGO PARTS & SOUND ENTERPRISES	VEH MAINTENANCE SUPPLY	$95.04	
312162	621-7501-531510-	CHICAGO PARTS & SOUND ENTERPRISES	VEH MAINTENANCE SUPPLY	$280.56	
312162	621-7501-531510-	CHICAGO PARTS & SOUND ENTERPRISES	VEH MAINTENANCE SUPPLY	$378.96	
312162	621-7501-531510-	CHICAGO PARTS & SOUND ENTERPRISES	VEH MAINTENANCE SUPPLY	$616.44	
					$99.54
312166	621-7501-521360-	CITY WELDING SALES & SERVICE	EQUIPMENT RENTAL	$99.54	
					$165.00
312202	621-7501-521070-	ILLINOIS SECRETARY OF STATE	EQUIPMENT MAINTENANCE	$165.00	
					$3,954.96
312211	621-7501-521070-	LAKE SHORE HARLEY DAVIDSON	EQUIPMENT MAINTENANCE	$3,954.96	
					$257.46
312212	621-7501-531510-	LDV INC	VEH MAINTENANCE SUPPLY	$257.46	
					$756.87
312213	621-7501-531510-	LEACH ENTERPRISES INC	VEH MAINTENANCE SUPPLY	$756.87	
					$3,543.87
312214	621-7501-531510-	LEAHY-WOLF COMPANY	VEH MAINTENANCE SUPPLY	$561.60	
312214	621-7501-531510-	LEAHY-WOLF COMPANY	VEH MAINTENANCE SUPPLY	$2,982.27	
					$873.25
312216	621-7501-531510-	LINDCO EQUIPMENT SALES INC	VEH MAINTENANCE SUPPLY	$873.25	

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CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
					$261.68
312222	621-7501-531510-	MACQUEEN EMERGENCY GROUP	VEH MAINTENANCE SUPPLY	$27.35	
312222	621-7501-531510-	MACQUEEN EMERGENCY GROUP	VEH MAINTENANCE SUPPLY	$234.33	
					$211.00
312223	621-7501-522030-	MARK HAUSER	REIMBURSEMENT	$211.00	
					$9.37
312226	621-7501-531510-	MATTS ACE HARDWARE	VEH MAINTENANCE SUPPLY	$1.59	
312226	621-7501-531510-	MATTS ACE HARDWARE	VEH MAINTENANCE SUPPLY	$1.79	
312226	621-7501-531510-	MATTS ACE HARDWARE	VEH MAINTENANCE SUPPLY	$5.99	
					$62.17
312228	621-7501-531510-	MC MASTER CARR SUPPLY CO	VEH MAINTENANCE SUPPLY	$16.28	
312228	621-7501-531510-	MC MASTER CARR SUPPLY CO	VEH MAINTENANCE SUPPLY	$45.89	
					$180.24
312235	621-7501-531510-	MIDWEST FUEL INJECTION SERVICE CORP.	VEH MAINTENANCE SUPPLY	$180.24	
					$1,601.63
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$6.62	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$8.76	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$17.42	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$54.36	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$74.73	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$109.49	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$147.14	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$319.04	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$390.50	
312237	621-7501-531510-	NAPA AUTO PARTS	VEH MAINTENANCE SUPPLY	$473.57	

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312262	621-7501-531510-	P & G KEENE	VEH MAINTENANCE SUPPLY	$471.61	**$471.61**
312264	621-7501-531510-	PATLIN INC	VEH MAINTENANCE SUPPLY	$128.94	**$128.94**
312272	621-7501-530350-	RED WING BUSINESS ADVANTAGE ACCT	CLOTHING & APPAREL	$400.00	**$400.00**
312276	621-7501-521020-	RUSH TRUCK CENTER-CAROL STREAM	VEH MAINTENANCE SUPPLY	$1,440.00	**$1,440.00**
312281	621-7501-521070-	SPRING ALIGN	EQUIPMENT MAINTENANCE	$2,549.68	**$2,549.68**
312282	621-7501-531510-	STANDARD EQUIPMENT CO	VEH MAINTENANCE SUPPLY	($61.86)	**$57.28**
312282	621-7501-531510-	STANDARD EQUIPMENT CO	VEH MAINTENANCE SUPPLY	$57.28	
312282	621-7501-531510-	STANDARD EQUIPMENT CO	VEH MAINTENANCE SUPPLY	$61.86	
312297	621-7501-531510-	ULTRA STROBE COMMUNICATIONS INC	VEH MAINTENANCE SUPPLY	$279.90	**$279.90**
312299	621-7501-530350-	UNIFIRST CORPORATION	CLOTHING & APPAREL	$87.14	**$177.28**
312299	621-7501-530350-	UNIFIRST CORPORATION	CLOTHING & APPAREL	$90.14	
312306	621-7501-521070-	WE WASH EXPRESS	EQUIPMENT MAINTENANCE	$240.00	**$240.00**
312307	621-7501-531510-	WENTWORTH TIRE SERVICE	VEH MAINTENANCE SUPPLY	$1,394.64	**$1,394.64**
312311	621-7501-531510-	ZEIGLER OF SCHAUMBURG	VEH MAINTENANCE SUPPLY	$6.88	**$1,007.30**

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
312311	621-7501-531510-	ZEIGLER OF SCHAUMBURG	VEH MAINTENANCE SUPPLY	$39.17	
312311	621-7501-531510-	ZEIGLER OF SCHAUMBURG	VEH MAINTENANCE SUPPLY	$70.32	
312311	621-7501-531510-	ZEIGLER OF SCHAUMBURG	VEH MAINTENANCE SUPPLY	$890.93	
					$379.85
312314	621-7501-531510-	ZORO TOOLS INC	VEH MAINTENANCE SUPPLY	($121.49)	
312314	621-7501-531510-	ZORO TOOLS INC	VEH MAINTENANCE SUPPLY	$15.38	
312314	621-7501-531510-	ZORO TOOLS INC	VEH MAINTENANCE SUPPLY	$485.96	
			DEPARTMENT 7501 TOTAL:	$29,938.36	

VILLAGE OF ARLINGTON HEIGHTS
WARRANT REGISTER
CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 9001	**CAPITAL ADMIN**				
312146	505-9001-550250-	BAXTER & WOODMAN	PROFESSIONAL SERVICES	$270.00	**$270.00**
312185	506-9001-550250-	ENGINEERING ENTERPRISES INC	PROFESSIONAL SERVICES	$3,932.25	**$3,932.25**
312196	505-9001-550250-	HBK WATER METER SERVICE INC	METER SUPPLIES	$4,355.93	**$5,191.91**
312196	505-9001-550250-	HBK WATER METER SERVICE INC	WATER SUPPLIES	$835.98	
312257	506-9001-550250-	DENNIS POULOS	LEAD LINE REIMBURSEMENT	$2,500.00	**$2,500.00**
312258	506-9001-550250-	ED MURRAY	LEAD LINE REIMBURSEMENT	$2,500.00	**$2,500.00**
312259	506-9001-550250-	MARK & BARBARA POWELL	LEAD LINE REIMBURSEMENT	$2,500.00	**$2,500.00**
312260	506-9001-550250-	REY HEGENS	LEAD LINE REIMBURSEMENT	$2,500.00	**$2,500.00**
312261	506-9001-550250-	RICHARD IRSAY	LEAD LINE REIMBURSEMENT	$2,500.00	**$2,500.00**
			DEPARTMENT 9001 TOTAL:	$21,894.16	

VILLAGE OF ARLINGTON HEIGHTS

WARRANT REGISTER

CHECK DATE: 5/30/2025

CHECK #	ACCOUNT #	VENDOR NAME/#	DESCRIPTION	AMOUNT	TOTAL AMOUNT
Department 9003	**CAPITAL EQUIPMENT**				
					$36,310.70
312192	621-9003-550050-	GERALD NISSAN OF AURORA, INC	VEHICLE	$36,310.70	
					$36,310.70
312193	621-9003-550050-	GERALD NISSAN OF AURORA, INC	VEHICLE	$36,310.70	
					$34,554.39
312238	621-9003-550050-	NATIONAL AUTO FLEET GROUP	VEHICLE	$34,554.39	
					$512,902.99
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$62,920.00	
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$62,920.00	
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$62,920.00	
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$62,920.00	
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$62,920.00	
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$62,920.00	
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$62,920.00	
312287	621-9003-550050-	SUTTON FORD INCORPORATED	VEHICLE	$72,462.99	
			DEPARTMENT 9003 TOTAL:	$620,078.78	
			WARRANT TOTAL:	**$3,200,225.82**	

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Canine Retirement Recognition and Ordinance Approving Transfer Agreement

Department: Police

Item Description:

The Village of Arlington Heights Police Department has a number of dual-purpose Patrol working dogs, commonly referred to as - Police K9 - deployed as a valuable police resource. The demands of a working dog limit the K9's service life. As such, the Illinois Police Dog Retirement Act provides the officer who partnered with the K9 during its years of service the ability to accept transfer and ownership of the K9 through the appropriate process.

K9 Yara, a female Dutch Shepherd, is 11 years old and partnered with Officer, now Sergeant, Jeff Tegtmeyer for the past 9-years. K9 Yara has served with distinction and is now entitled to a rest in retirement. Sergeant Tegtmeyer has expressed a desire to accept Yara in retirement, in accordance with the provisions established in the corresponding ordinance. Sergeant Tegtmeyer will continue his service as a member of the Arlington Heights Police Department.

K9 Argos, a male German Shepherd, is 7 years old and partnered with Officer Michael Butler. K9 Argos has served the Arlington Heights community since 2020 in a dedicated manner. Officer Butler is retiring after 29 years in law enforcement effective June 4, 2025. K9 Argos has a strong bond with his partner and realigning K9 Argos with a new handler for the remaining limited duty life K9 Argos is not in the best interest of the Police Department. Therefore, Officer Butler has expressed a desire to accept Argos in retirement, in accordance with the provisions established in the corresponding ordinance.

ATTACHMENTS:

1. 2025 Tegtmeyer AH Ordinance Approving Disposal of Surplus K9 Property_V2
2. 2025 Butler AH Ordinance Approving Disposal of Surplus K9 Property_V2

ORDINANCE NO. 2025-_____

AN ORDINANCE APPROVING A CANINE TRANSFER AGREEMENT AND THE TRANSFER OF A POLICE CANINE

WHEREAS, the Village of Arlington Heights (*"Village"*) is a home rule municipal corporation in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, the Village has the authority to adopt ordinances and to promulgate rules and regulations that pertain to its government and affairs; and

WHEREAS, the Village is the owner of a female Dutch Shepherd dog known as K-9 Officer Yara (*"K- 9 Officer Yara"*); and

WHEREAS, the Village Police Department and K-9 Officer Yara' handler, Village Police Sergeant Jeffrey Tegtmeyer (*"Sergeant Tegtmeyer"*), have determined that it is appropriate and timely to retire K-9 Officer Yara from active service with the Police Department; and

WHEREAS, the Village has thus determined that ownership of K-9 Officer Yara is no longer necessary or useful to, or for the best interests of, the Village; and

WHEREAS, Sergeant Tegtmeyer desires to take ownership of K-9 Officer Yara, pursuant to a Canine Transfer Agreement attached to and, by this reference, made a part of this Ordinance as Exhibit A (*"Canine Transfer Agreement"*); and

WHEREAS, the Board of Trustees desires to transfer ownership of K-9 Officer Yara to Sergeant Tegtmeyer, in accordance with the Canine Transfer Agreement; and

WHEREAS, the President and Board of Trustees have determined that it is in the best interests of the Village to authorize the Village Manager to approve the Canine Transfer Agreement and to transfer ownership of K-9 Officer Yara to Sergeant Tegtmeyer, as set forth in this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. APPROVAL OF CANINE TRANSFER AGREEMENT. The Board of Trustees hereby approves the Canine Transfer Agreement by and between the Village and Sergeant Tegtmeyer, in substantially the form attached to this Resolution as Exhibit A, and in a final form to be approved by the Village Manager and the Village Attorney.

SECTION 3. EXECUTION OF CANINE TRANSFER AGREEMENT. The Village Manager and the Village Clerk are hereby authorized and directed to execute and attest, on behalf of the Village, the Canine Transfer Agreement upon receipt by the Village Clerk of at least one original copy of the Canine Transfer Agreement executed by Sergeant Tegtmeyer; provided, however, that if the executed copy of the Canine Transfer Agreement is not received by the Village Clerk within 60 days after the effective date of this Resolution, then this authority to execute and attest will, at the option of the President and Board of Trustees, be null and void.

SECTION 4. AUTHORIZATION TO DISPOSE OF K-9 OFFICER YARA. Pursuant to the Village's home rule authority, the President and Board of Trustees authorize the Village Manager to dispose of K-9 Officer Yara by transferring ownership of K-9 Officer Yara to Sergeant Tegtmeyer, in accordance with the Canine Transfer Agreement.

SECTION 5. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 2025

_____
Village Manager

ATTEST:

_____
Village Clerk

EXHIBIT A

CANINE TRANSFER AGREEMENT

THIS CANINE TRANSFER AGREEMENT is dated as of **June 13**, 2025 (*"Effective Date"*), and is between the Village of Arlington Heights (*"Village"*) and Sergeant Jeffrey Tegtmeyer, a duly sworn member of the Village Police Department (*"Sergeant Tegtmeyer"*).

The Village owns a female Dutch Shephard dog known as K-9 Officer Yara (*"K- 9 Officer Yara"*). The Arlington Heights Police Department and K-9 Officer Yara' handler desire to retire K-9 Officer Yara. Sergeant Tegtmeyer has been K-9 Officer Yara' handler, and Sergeant Tegtmeyer desires to take ownership of K-9 Officer Yara. The Village and Sergeant Tegtmeyer agree to the following:

1. Transfer. The Village hereby transfers ownership of K-9 Officer Yara to Sergeant Tegtmeyer in K-9 Officer Yara' current condition, which is well known by Sergeant Tegtmeyer. This Transfer is made accordance with the Illinois Police Dog Retirement Act (510 ILCS 82/1 *et seq*.).

2. Responsibility. As of the Effective Date, Sergeant Tegtmeyer assumes all responsibility for the condition and care of K-9 Officer Yara.

3. K-9 Officer Yara' Training. Sergeant Tegtmeyer knows that K-9 Officer Yara has been trained in police canine procedures and tactics and Sergeant Tegtmeyer is fully capable of safely handling K-9 Officer Yara.

4. Waiver. As of the Effective Date, Sergeant Tegtmeyer releases the Village and all of its elected officials, employees, and agents (collectively, the *"Village Representatives"*) from any claim, injury, liability, or any other matter of any nature, whether known or unknown, that Sergeant Tegtmeyer has or may have relating to K-9 Officer Yara.

5. Indemnification. As of the Effective Date, Sergeant Tegtmeyer assumes full responsibility for any action or behavior of K-9 Officer Yara. Sergeant Tegtmeyer will indemnify the Village Representatives from any claim or action by any third party for injury, loss, or claim of any kind or nature arising from or relating to any way to K-9 Officer Yara.

6. Venue. Any claim or action relating to this Agreement must be made in the County of Cook, Illinois.

Village of Arlington Heights

_____
Randall Recklaus, Village Manager

_____
Rebecca Hume, Village Clerk

Jeffrey Tegtmeyer

_____

ORDINANCE NO. 2025-_____

AN ORDINANCE APPROVING A CANINE TRANSFER AGREEMENT AND THE TRANSFER OF A POLICE CANINE

WHEREAS, the Village of Arlington Heights (*"Village"*) is a home rule municipal corporation in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, the Village has the authority to adopt ordinances and to promulgate rules and regulations that pertain to its government and affairs; and

WHEREAS, the Village is the owner of a male German Shepherd dog known as K-9 Officer Argos (*"K- 9 Officer Argos"*); and

WHEREAS, the Village Police Department and K-9 Officer Argos' handler, Village Police Officer Michael Butler (*"Officer Butler"*), have determined that it is appropriate and timely to retire K-9 Officer Argos from active service with the Police Department; and

WHEREAS, the Village has thus determined that ownership of K-9 Officer Argos is no longer necessary or useful to, or for the best interests of, the Village; and

WHEREAS, Officer Butler desires to take ownership of K-9 Officer Argos, pursuant to a Canine Transfer Agreement attached to and, by this reference, made a part of this Ordinance as Exhibit A (*"Canine Transfer Agreement"*); and

WHEREAS, the Board of Trustees desires to transfer ownership of K-9 Officer Argos to Officer Butler, in accordance with the Canine Transfer Agreement; and

WHEREAS, the President and Board of Trustees have determined that it is in the best interests of the Village to authorize the Village Manager to approve the Canine Transfer Agreement and to transfer ownership of K-9 Officer Argos to Officer Butler, as set forth in this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. APPROVAL OF CANINE TRANSFER AGREEMENT. The Board of Trustees hereby approves the Canine Transfer Agreement by and between the Village and Officer Butler, in substantially the form attached to this Resolution as Exhibit A, and in a final form to be approved by the Village Manager and the Village Attorney.

SECTION 3. EXECUTION OF CANINE TRANSFER AGREEMENT. The Village Manager and the Village Clerk are hereby authorized and directed to execute and attest, on behalf of the Village, the Canine Transfer Agreement upon receipt by the Village Clerk of at least one original copy of the Canine Transfer Agreement executed by Officer Butler; provided, however, that if the executed copy of the Canine Transfer Agreement is not received by the Village Clerk within 60 days after the effective date of this Resolution, then this authority to execute and attest will, at the option of the President and Board of Trustees, be null and void.

SECTION 4. AUTHORIZATION TO DISPOSE OF K-9 OFFICER ARGOS. Pursuant to the Village's home rule authority, the President and Board of Trustees authorize the Village Manager to dispose of K-9 Officer Argos by transferring ownership of K-9 Officer Argos to Officer Butler, in accordance with the Canine Transfer Agreement.

SECTION 5. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 2025

_____
Village Manager

ATTEST:

_____
Village Clerk

EXHIBIT A

CANINE TRANSFER AGREEMENT

THIS CANINE TRANSFER AGREEMENT is dated as of June 4, 2025 (*"Effective Date"*), and is between the Village of Arlington Heights (*"Village"*) and Officer Michael Butler, a duly sworn member of the Village Police Department (*"Officer Butler"*).

The Village owns a male German Shephard dog known as K-9 Officer Argos (*"K- 9 Officer Argos"*). The Arlington Heights Police Department and K-9 Officer Argos' handler desire to retire K-9 Officer Argos. Officer Butler has been K-9 Officer Argos' handler, and Officer Butler desires to take ownership of K-9 Officer Argos. The Village and Officer Butler agree to the following:

1. Transfer. The Village hereby transfers ownership of K-9 Officer Argos to Officer Butler in K-9 Officer Argos' current condition, which is well known by Officer Butler. This Transfer is made in accordance with the Illinois Police Dog Retirement Act (510 ILCS 82/1 *et seq*.).

2. Responsibility. As of the Effective Date, Officer Butler assumes all responsibility for the condition and care of K-9 Officer Argos.

3. K-9 Officer Argos' Training. Officer Butler knows that K-9 Officer Argos has been trained in police canine procedures and tactics and Officer Butler is fully capable of safely handling K-9 Officer Argos.

4. Waiver. As of the Effective Date, Officer Butler releases the Village and all of its elected officials, employees, and agents (collectively, the *"Village Representatives"*) from any claim, injury, liability, or any other matter of any nature, whether known or unknown, that Officer Butler has or may have relating to K-9 Officer Argos.

5. Indemnification. As of the Effective Date, Officer Butler assumes full responsibility for any action or behavior of K-9 Officer Argos. Officer Butler will indemnify the Village Representatives from any claim or action by any third party for injury, loss, or claim of any kind or nature arising from or relating to any way to K-9 Officer Argos.

6. Venue. Any claim or action relating to this Agreement must be made in the County of Cook, Illinois.

Village of Arlington Heights

_____

Randall Recklaus, Village Manager

_____

Rebecca Hume, Village Clerk

Michael Butler

_____

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Ceremonial Oath of Office K9 Maui
Department: Police

Item Description:
The Village is proud to introduce the newest member of the Police Department's public safety team, K9 Maui. K9 Maui is a 2-year-old Belgian Malinois/Dutch Sheperd mix who was imported from the Netherlands. The Arlington Heights Police Department partners with the Kane County Sheriff's Department K9 Program to not only assist in acquiring K9's, but also to conduct the rigorous training necessary for both the K9 and handler to achieve the required State of Illinois K9 certification. Dozens of working breeds from all over the world are vetted for their temperament, suitability for job functions they will be performing and, sometimes the hardest part, a personality that is commensurate with Police Department's and community's expectations. In this case, K9 Maui has thus far proven a great fit, and will be graduating from the K9 training program alongside handler, Officer Steven Dinov, on June 13th, 2025. Mayor Tinaglia will administer a ceremonial Oath of Office to K9 Maui, signifying his official status as an Arlington Heights Police Department K9.

ATTACHMENTS:
None

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Presentation of the 2025 National Community Survey Results from Polco

Department: Integrated Services

Item Description:
Polco will provide a presentation of the 2025 National Community Survey (NCS) results. The NCS is a standardized 5-page comprehensive survey that allows municipalities to assess resident opinions about their community and local government. The NCS focuses on livability by categorizing survey questions into 10 main facets of community livability. Local results of the NCS are compared to national benchmark data compiled from 500 communities.

Polco conducted the National Community Survey for the second time in Arlington Heights beginning in February 2025. The goal of the 2025 Survey is to reassess the results of the same questions that were asked in 2023, compare them with current national benchmark data and the 2023 national benchmark data, and compare them to the 2023 results specific to Arlington Heights.

ATTACHMENTS:
1. The NCS Report - Arlington Heights, 2025

THE NCS™

THE NATIONAL COMMUNITY SURVEY™

Arlington Heights, IL

The National Community Survey

Report of Results
2025

Report by:

National Research Center

POWERED BY POLCO

Polco

Visit us online!
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Charter Members AAPOR Transparency Initiative AMERICAN ASSOCIATION FOR PUBLIC OPINION RESEARCH

National Research Center at Polco is a charter member of the AAPOR Transparency Initiative, providing clear disclosure of our sound and ethical survey research practices.

About The NCS™

The National Community Survey™ (The NCS™) report is about the "livability" of Arlington Heights. A livable community is a place that is not simply habitable, but that is desirable. It is not only where people do live, but where they want to live. The survey was developed by the experts from National Research Center at Polco.

Great communities are partnerships of the government, private sector, community-based organizations and residents, all geographically connected. The NCS captures residents' opinions considering ten central facets of a community:

- Economy
- Mobility
- Community Design
- Utilities
- Safety
- Natural Environment
- Parks and Recreation
- Health and Wellness
- Education, Arts, and Culture
- Inclusivity and Engagement

The report provides the opinions of a representative sample of 468 residents of the Village of Arlington Heights collected from February 14th, 2025 to March 28th, 2025. The margin of error around any reported percentage is 5% for all respondents and the response rate for the 2024 survey was 16%. Survey results were weighted so that the demographic profile of respondents was representative of the demographic profile of adults in Arlington Heights.





How the results are reported

For the most part, the percentages presented in the following tabs represent the "percent positive." Most commonly, the percent positive is the combination of the top two most positive response options (i.e., excellent/good, very safe/somewhat safe, etc.). On many of the questions in the survey respondents may answer "don't know." The proportion of respondents giving this reply is shown in the full set of responses included in the tab "Complete data." However, these responses have been removed from the analyses presented in most of the tabs. In other words, the tables and graphs display the responses from respondents who had an opinion about a specific item.

Comparisons to benchmarks

NRC's database of comparative resident opinion is comprised of resident perspectives gathered in surveys from over 500 communities whose residents evaluated the same kinds of topics on The National Community Survey. The comparison evaluations are from the most recent survey completed in each community in the last five years. NRC adds the latest results quickly upon survey completion, keeping the benchmark data fresh and relevant. The communities in the database represent a wide geographic and population range. In each tab, Arlington Heights' results are noted as being "higher" than the benchmark, "lower" than the benchmark, or "similar" to the benchmark, meaning that the average rating given by Arlington Heights residents is statistically similar to or different (greater or lesser) than the benchmark. Being rated as "higher" or "lower" than the benchmark means that Arlington Heights' average rating for a particular item was more than 10 points different than the benchmark. If a rating was "much higher" or "much lower," then Arlington Heights' average rating was more than 20 points different when compared to the benchmark.

Trends over time

Trend data for Arlington Heights represent important comparison data and should be examined for improvements or declines.[1] Deviations from stable trends over time represent opportunities for understanding how local policies, programs, or public information may have affected residents' opinions. Changes between survey years have been noted with an arrow and the percent difference. If the difference is greater than six percentage points between the 2023 and 2025 surveys, the change is statistically significant.

1. In 2020, The NCS survey was updated to include new and refreshed items. Consequently, some of the trends may be impacted due to wording modifications that could have potentially altered the meaning of the item for the respondent.

Methods

Selecting survey recipients

All households within the Village of Arlington Heights were eligible to participate in the survey. A list of all households within the zip codes serving Arlington Heights was purchased from Polco's mailing vendor, Go-Dog Direct, based on updated listings from the United States Postal Service. Since some of the zip codes that serve the Village of Arlington Heights households may also serve addresses that lie outside of the community, the exact geographic location of each housing unit was compared to community boundaries using the most current municipal boundary file. Addresses located outside of the Village of Arlington Heights boundaries were removed from the list of potential households to survey. From that list, addresses were randomly selected as survey recipients, with multi-family housing units (defined as those with a unit number) sampled at a rate of 5:3 compared to single family housing units.

An individual within each household was randomly selected using the "birthday method". The birthday method selects a person within the household by asking the “person who most recently had a birthday” to complete the questionnaire. The underlying assumption in this method is that day of birth has no relationship to the way people respond to surveys. This instruction was contained in the introduction of the survey.

Conducting the survey

The 3,000 randomly selected households received mailings beginning on February 14th, 2025 and data collection for the survey remained open for 6 weeks. The first mailing was a postcard inviting the household to participate in the survey. The next mailing contained a cover letter with instructions, the survey questionnaire, and a postage-paid return envelope. All mailings included a web link to give residents the opportunity to respond to the survey online, as well as QR codes to further encourage participation. All follow-up mailings asked those who had not completed the survey to do so, and those who had already done so to refrain from completing the survey again.

The survey was available in English and Spanish. All mailings contained paragraphs in both languages instructing participants on how to complete the survey in their preferred language.

About 2% of the 3,000 mailed invitations or surveys were returned because the household address was vacant or the postal service was unable to deliver the survey as addressed. Of the remaining 2,938 households that received the invitations to participate, 468 completed the survey, providing an overall response rate of 16%. The response rate was calculated using AAPOR’s response rate #2 for mailed surveys of unnamed persons.[2]

It is customary to describe the precision of estimates made from surveys by a “level of confidence” and accompanying “confidence interval” (or margin of error). A traditional level of confidence, and the one used here, is 95%. The 95% confidence interval can be any size and quantifies the sampling error or imprecision of the survey results because some residents’ opinions are relied on to estimate all residents’ opinions. The margin of error for the Village of Arlington Heights survey is no greater than plus or minus five percentage points around any given percent reported for all respondents (468 completed surveys).

In addition to the randomly selected “probability sample” of households, a link to an online open-participation survey was publicized by the Village of Arlington Heights. The open-participation survey was identical to the random sample survey, with two small updates; it asked a question to confirm the respondent was a resident of Arlington Heights and also a question about where they heard about the survey. The open-participation survey was open to all village residents and became available on March 14th, 2025. The survey remained open for 2 weeks. The data presented in the following tabs exclude the open participation survey data, but a tab at the end provides the complete frequency of responses to questions by the open-participation respondents.

Analyzing the data

Responses from mailed surveys were entered into an electronic dataset using a “key and verify” method, where all responses are entered twice and compared to each other. Any discrepancies were resolved in comparison to the

original survey form. Range checks as well as other forms of quality control were also performed. Responses from surveys completed on Polco were downloaded and merged with the mailed survey responses.

The demographics of the survey respondents were compared to those found in the 2020 Census and 2023 American Community Survey estimates for adults in the Village of Arlington Heights. The primary objective of weighting survey data is to make the survey respondents reflective of the larger population of the community. The characteristics used for weighting were xxage, sex, race, Hispanic origin, housing type, and housing tenure. No adjustments were made for design effects. Weights were calculated using an iterative, multiplicative raking model known as the ANES Weighting Algorithm.[3] The results of the weighting scheme for the probability sample are presented in the following table.

NRC aligns demographic labels with those used by the U.S. Census for reporting purposes, when possible. Some categories (e.g., age, race/Hispanic origin, housing type, and length of residency) are combined into smaller subgroups.

		Unweighted	Weighted	Target [4]
Age	18-34	**8%**	**21%**	**21%**
	35-54	**22%**	**36%**	**37%**
	55+	**70%**	**43%**	**43%**
Hispanic origin	No, not of Hispanic, Latino/a/x, or Spanish origin	**97%**	**92%**	**92%**
	Yes, I consider myself to be of Hispanic, Latino/a/x, or Spanish origin	**3%**	**8%**	**8%**
Housing tenure	Own	**88%**	**73%**	**73%**
	Rent	**12%**	**27%**	**27%**
Housing type	Attached	**32%**	**44%**	**44%**
	Detached	**68%**	**56%**	**56%**
Race & Hispanic origin	Not white alone	**11%**	**23%**	**23%**
	White alone, not Hispanic or Latino	**89%**	**77%**	**77%**
Sex	Man	**46%**	**50%**	**49%**
	Woman	**54%**	**50%**	**51%**
Sex/age	Man 18-34	**6%**	**11%**	**11%**
	Man 35-54	**10%**	**19%**	**19%**
	Man 55+	**31%**	**20%**	**20%**
	Woman 18-34	**2%**	**9%**	**10%**
	Woman 35-54	**13%**	**18%**	**18%**
	Woman 55+	**39%**	**23%**	**23%**

The survey datasets were analyzed using all or some of a combination of the Statistical Package for the Social Sciences (SPSS), R, Python and Tableau. For the most part, the percentages presented in the reports represent the "percent positive." The percent positive is the combination of the top two most positive response options (i.e., excellent/good, very safe/somewhat safe, essential/very important, etc.), or, in the case of resident behaviors/participation, the percent positive represents the proportion of respondents indicating "yes" or participating in an activity at least once a month.

On many of the questions in the survey respondents may answer "don't know." The proportion of respondents giving this reply is shown in the full set of responses included in the tab "Complete data". However, these responses have been removed from the analyses presented in the reports. In other words, the tables and graphs display the responses from respondents who had an opinion about a specific item.

Contact

The Village of Arlington Heights funded this research. Please contact Avis Meade of the Village of Arlington Heights at ameade@vah.com if you have any questions about the survey.

Study Limitations

All public opinion research is subject to unmeasured error. While the methodologies employed for this survey were designed to minimize this error as much as possible, these other sources of potential error should be acknowledged. **Non-response error** arises when those who were selected to participate in the survey did not do so, and may have different opinions or experiences than those who did respond. **Coverage error** refers to the possibility that some respondents that should have been included in the surveyed population were not (e.g., for a general resident survey, USPS mailing lists may exclude certain types of housing units, such as multi-family buildings where mail is delivered to a common area rather than to a specific unit (though this is rare), or where mail is received at a PO box instead of the at household's physical location. Finally, **recall bias** occurs when respondents may not perfectly remember their experiences in the past year (such as participation in social or civic events), and **social desirability bias** may cause respondents to answer in ways they think cast their responses in a more favorable light.

Survey Validity

See the Polco Knowledge Base article on survey validity at https://info.polco.us/knowledge/statistical-vali

2. See AAPOR's Standard Definitions for more information at https://aapor.org/standards-and-ethics/standard-definitions/
3. Pasek, J. (2014). ANES Weighting Algorithm. Retrieved from https://surveyinsights.org/wp-content/uploads/2014/07/Full-anesrake-paper.pdf
4. Targets come from the 2020 Census and 2023 American Community Survey

Key Findings

Highest-performing areas:

- Residents highlighted the economy as both a priority and a strength, with above-average ratings for overall economic health, Arlington Heights as a place to work (which trended upwards since the previous survey in 2023), Arlington Heights as a place to visit, overall quality and variety of business and service establishments, vibrancy of downtown/commercial area, and shopping opportunities.
- Ratings related to education, arts, and culture continued to be highly favorable, with all ratings ranking ranked higher than the national benchmark average. Additionally, ratings for K-12 education ranked *much** higher than the benchmark.
- Respondents continued to provide positive ratings for Arlington Heights government performance, with ratings that exceeded the benchmark for the overall direction that Arlington Heights is taking, overall confidence in Arlington Heights government, and the government generally acting in the best interest of the community. Furthermore, while still ranking similarly to the national benchmark, ratings for the value of services for taxes paid to Arlington Heights trended upwards from 55% in 2023 to 61% in 2025.

**Ratings are considered higher than the benchmark if they are more than 10 points above the average and are considered much higher if they are more than 20 points above the average.*

Potential areas of focus:

- Residents shared some growing concerns regarding affordability, as slight downward trends were seen in ratings for cost of living, availability of affordable quality food, availability of affordable quality health care, and affordable high-speed internet access. Still, ratings for the availability of affordable quality health care ranked higher than the benchmark while the others ranked similar to the benchmark.
- Residents also shared some lower ratings in 2025 than in 2023 for certain aspects of community design, including well-designed neighborhoods, well-planned residential growth, and land use, planning and zoning. Even so, each of these ratings remained higher than the national average.

Other notable results:

- Around half of residents indicated they had used public transportation instead of driving in the previous 12 months, representing a usage rate that is much higher than the national average. Likewise, around 7 in 10 said they had walked or biked instead of driving, ranking higher than the national average.
- About 1 in 10 residents indicated that they currently use Groot's composting service. Around 4 in 10 said they do not currently use a composting program but would be open to it. Likewise, 6 in 10 residents said they were very or somewhat interested in a year-round composting program if it were available. About 7 in 10 residents agreed that such a program should be funded individually by users only, while around 3 in 10 said that residents should share the cost equally through the Village's General Fund.
- When considering how much of a source certain mediums were for obtaining information about the Village, the Village website ranked as the top source, followed by word of mouth, the Village e-newsletter, and local media.
- When asked if they had attended certain events hosted by the Village in the last two years, residents shared the following attendance rates:
    - Arlington Alfresco Outdoor Dining Experience – 64% attended
    - Sounds of Summer Concerts – 55% attended
    - Harmony Fest featuring the Taste of Arlington Heights – 49% attended
    - Autumn Harvest – 23% attended
    - Tree lighting – 22% attended
    - Community Open House – 6% attended
- Among the above events, if the respondent had not attended, they were also invited to share if they had chosen not to attend or did not know about the event. Among the least well-known events were the Community Open House (57% did not know about) and the Autumn Harvest (42% did not know about).

Areas of greatest change since 2023:

Of the 122 evaluative questions included on both the 2023 and current survey iterations, 107 were statistically similar to previous results. Upward trends were seen in 3 items, while 12 ratings decreased since 2023. The most significant of those trends are listed below.

Increases

§ Arlington Heights as a place to work (+11%)
§ Water resources (+7%)
§ The value of services for the taxes paid to Arlington Heights (+6%)

Decreases

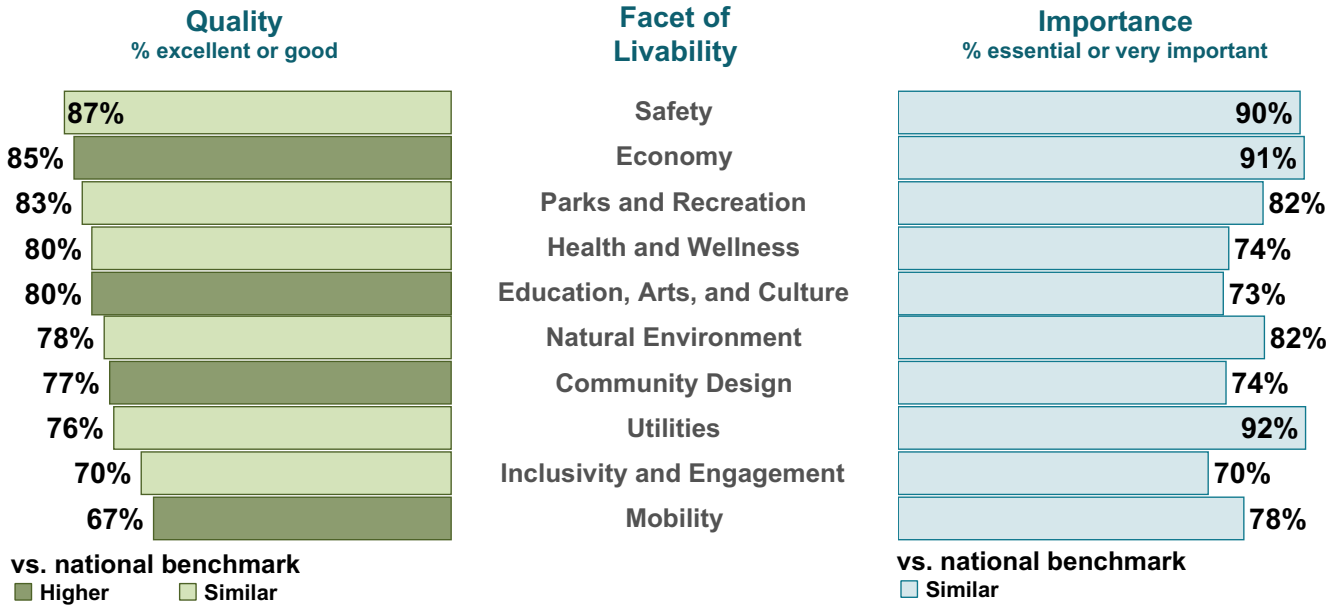
§ Well-planned residential growth (-12%)
§ Availability of affordable quality health care (-12%)
§ Affordable high-speed internet access (-10%)
§ Availability of affordable quality food (-10%)
§ Traffic enforcement (-9%)
§ Well-designed neighborhoods (-9%)

Facets of livability

Every jurisdiction must balance limited resources while meeting resident needs and striving to optimize community livability. To this end, it is helpful to know what aspects of the community are most important to residents and which they perceive as being of higher or lower quality. It is especially helpful to know when a facet of livability is considered of high importance but rated as lower quality, as this should be a top priority to address.

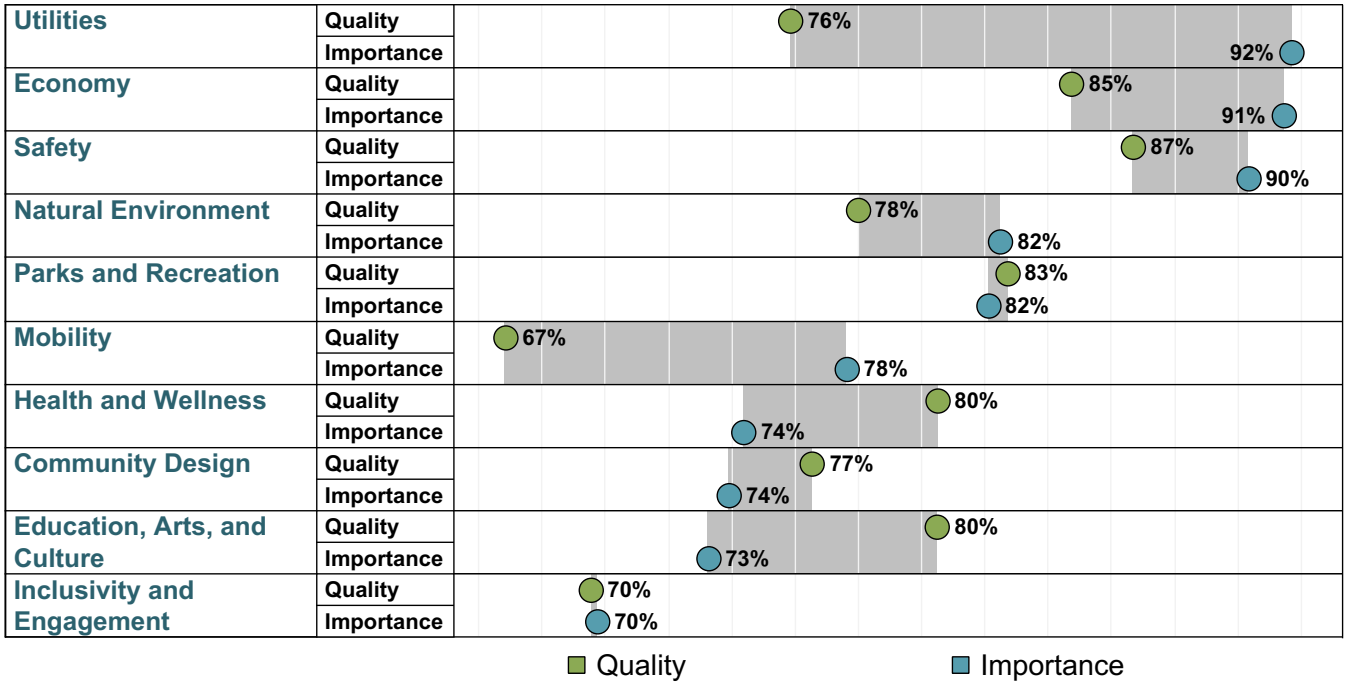
Quality and Importance by the Numbers

The table below shows the proportion of residents who rated the community facets positively for quality and the priority (importance) placed on each. Also displayed is whether local quality ratings were lower, similar, or higher than communities across the country (the national benchmark).



Quality/Importance Gap Analysis

The gap analysis chart below shows the same data as above; however, this chart more clearly illustrates the comparative differences in quality and importance ratings for each facet, as well as the absolute ratings for each.



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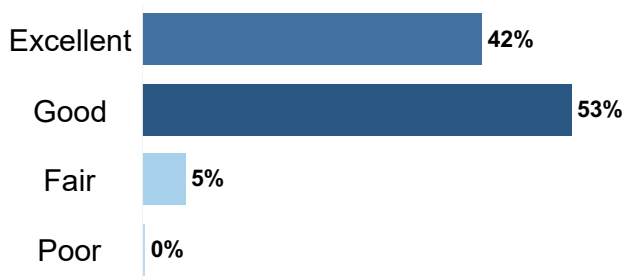
Quality of Life

Measuring community livability starts with assessing the quality of life of those who live there, and ensuring that the community is attractive, accessible, and welcoming to all.

The overall quality of life in Arlington Heights, 2025



Please rate each of the following aspects of quality of life in Arlington Heights.
(% excellent or good)

	2023	2025	vs. national benchmark[8]
Arlington Heights as a place to live	95%	96%	Higher
The overall quality of life	93%	94%	Higher

Please indicate how likely or unlikely you are to do each of the following.
(% very or somewhat likely)

	2023	2025	
Recommend living in Arlington Heights to someone who asks	93%	97%	Higher
Remain in Arlington Heights for the next five years	89%	90%	Similar

Please rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Overall image or reputation	91%	90%	Higher

8. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

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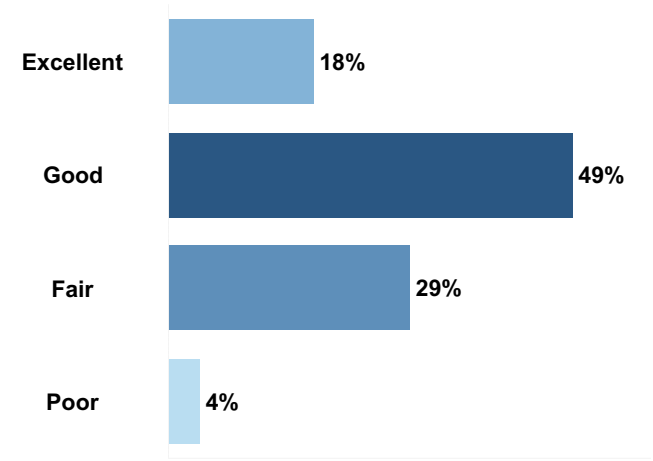
Governance

Strong local governments produce results that meet the needs of residents while making the best use of available resources, and are responsive to the present and future needs of the community as a whole.

Overall confidence in Arlington Heights government, 2025



Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

	2023	2025	vs. national benchmark[9]
Public information services	79%	75%	Similar
Overall customer service by Arlington Heights employees	90%	85%	Similar

Please rate the following categories of Arlington Heights government performance.
(% excellent or good)

	2023	2025	
The value of services for the taxes paid to Arlington Heights	55%	61% ↗	Similar
The overall direction that Arlington Heights is taking	74%	71%	Higher
The job Arlington Heights government does at welcoming resident involvement	63%	61%	Similar
Overall confidence in Arlington Heights government	70%	67%	Higher
Generally acting in the best interest of the community	73%	69%	Higher
Being honest	71%	69%	Similar
Being open and transparent to the public	64%	64%	Similar
Informing residents about issues facing the community	61%	57%	Similar

Treating all residents fairly	71%	70%	Similar
Treating residents with respect	79%	75%	Similar

Please indicate whether or not you have done each of the following in the last 12 months.
(% excellent or good)

	2023	2025	
Attended a local public meeting	17%	16%	Similar
Contacted Arlington Heights elected officials to express your opinion	13%	13%	Similar
Contacted the Village of Arlington Heights for help or information	47%	46%	Similar
Watched a local public meeting	18%	20%	Similar

Overall, how would you rate the quality of the services provided by each of the following?
(% excellent or good)

	2023	2025	
The Village of Arlington Heights	85%	82%	Similar

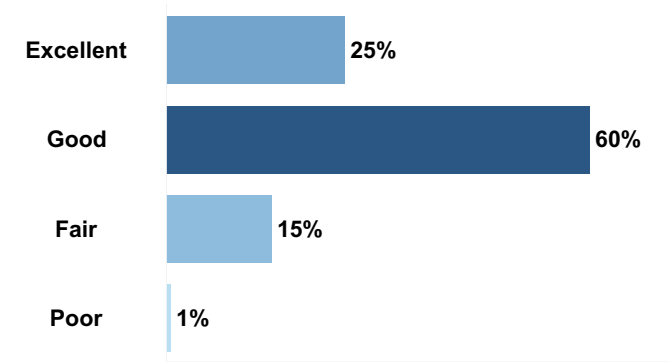
9. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Polco

Economy

Local governments work together with private and nonprofit businesses, and with the community at large, to foster sustainable growth, create jobs, and promote a thriving local economy.

Overall economic health of Arlington Heights, 2025



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[10]
Overall economic health	87%	85%	Higher

Please rate each of the following aspects of quality of life in Arlington Heights.
(% excellent or good)

	2023	2025	
Arlington Heights as a place to work	74%	85% ↗	Higher
Arlington Heights as a place to visit	76%	81%	Higher

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

	2023	2025	
Economic development	71%	67%	Similar

Please rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Overall quality of business and service establishments	88%	89%	Higher
Variety of business and service establishments	79%	80%	Higher

Vibrancy of downtown/commercial area	87% → 88%	Much higher
Employment opportunities	58% → 60%	Similar
Shopping opportunities	69% → 70%	Higher
Cost of living	40% → 33% ↘	Similar

What impact, if any, do you think the economy will have on your family income in the next 6 months? Do you think the impact will be:
(% very or somewhat positive)

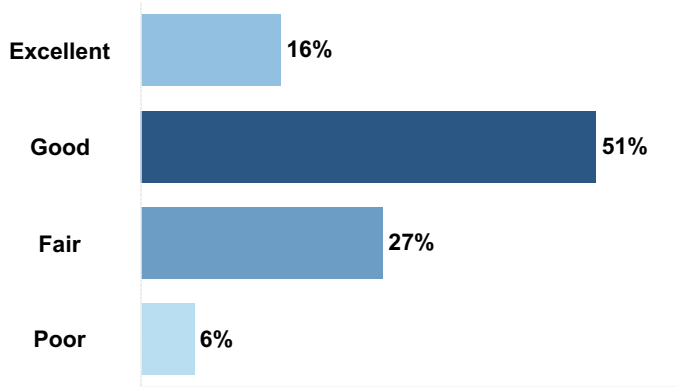
	2023 → 2025	
What impact, if any, do you think the economy will have on your family income in the next 6 months? Do you think the impact will be:	17% → 20%	Similar

11. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Mobility

The ease with which residents can move about their communities, whether for commuting, leisure, or recreation, plays a major role in the quality of life for all who live, work, and play in the community.

Overall quality of the transportation system in Arlington Heights, 2025



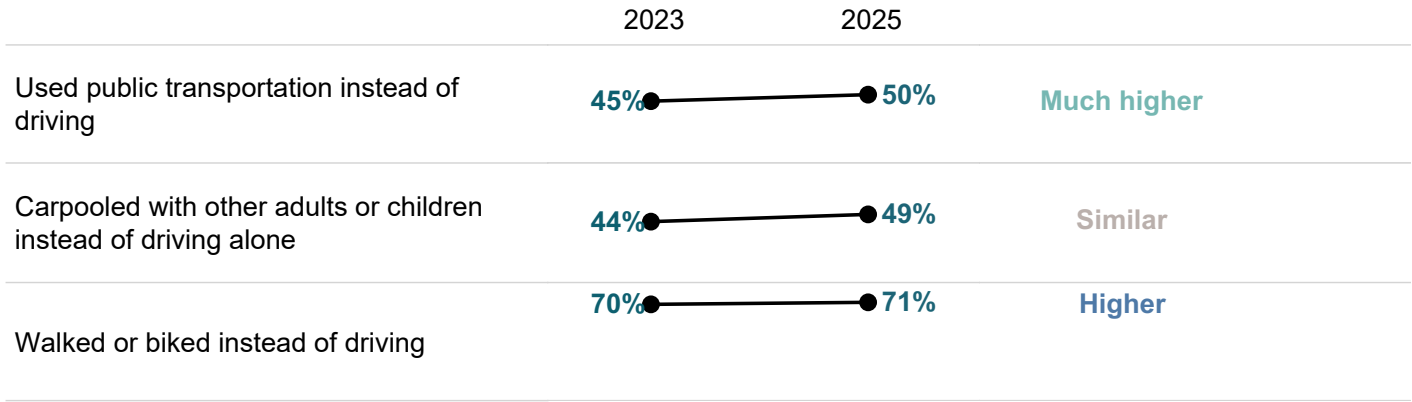
Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[11]
Overall quality of the transportation system	64%	67%	Higher

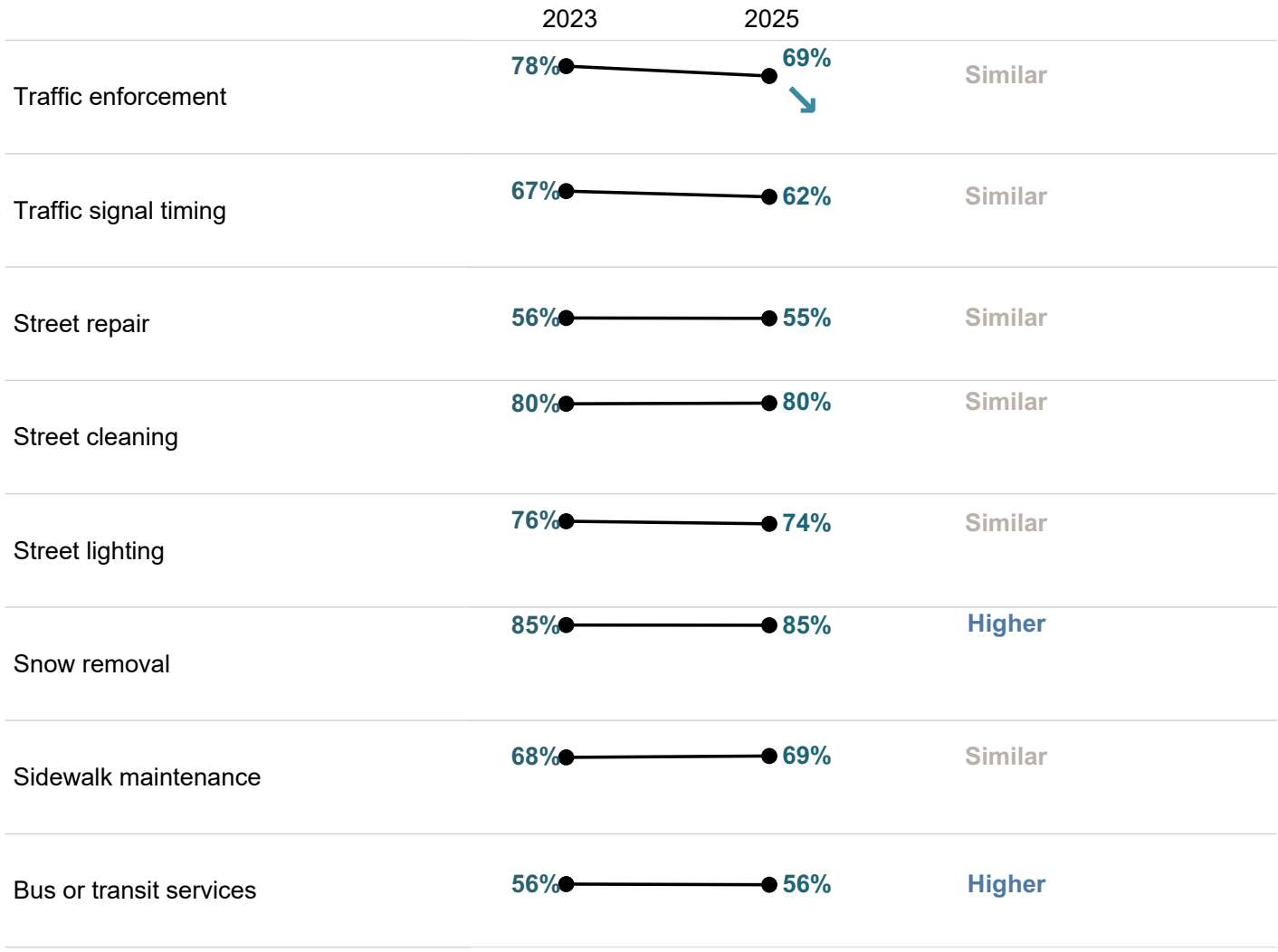
Please also rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Traffic flow on major streets	76%	69% ↘	Higher
Ease of public parking	67%	65%	Similar
Ease of travel by car	89%	84%	Similar
Ease of travel by public transportation	48%	53%	Higher
Ease of travel by bicycle	60%	57%	Similar
Ease of walking	80%	77%	Higher

Please indicate whether or not you have done each of the following in the last 12 months.
(% yes)



Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)



11. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

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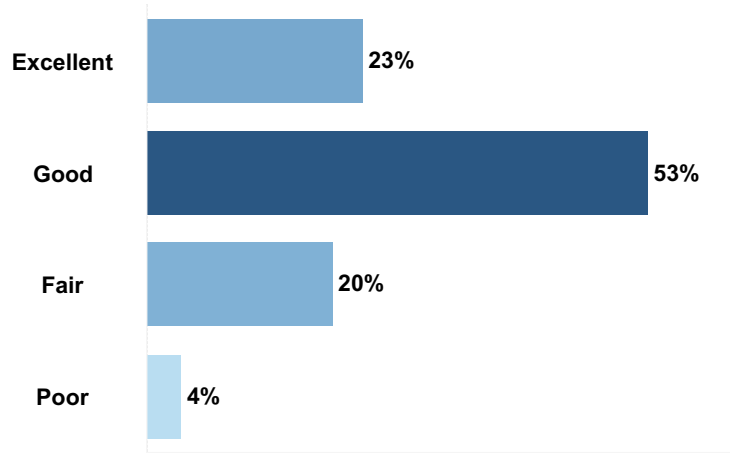
Community Design

A well-designed community enhances the quality of life for its residents by encouraging smart land use and zoning, ensuring that affordable housing is accessible to all, and providing access to parks and other green spaces.

Overall design or layout of Arlington Heights's residential and commercial areas, 2025



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[12]
Overall design or layout of residential and commercial areas	83%	77%	Higher

Please rate each of the following aspects of quality of life in Arlington Heights.
(% excellent or good)

	2023	2025	
Your neighborhood as a place to live	90%	93%	Similar

Please also rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Well-planned residential growth	76%	64% ↘	Higher
Well-planned commercial growth	65%	60%	Higher
Well-designed neighborhoods	83%	74% ↘	Higher
Preservation of the historical or cultural character of the community	79%	77%	Similar

Public places where people want to spend time	81% 77%	Higher
Variety of housing options	59% 59%	Higher
Availability of affordable quality housing	30% 33%	Similar
Overall quality of new development	66% 66%	Similar
Overall appearance	88% 86%	Higher

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

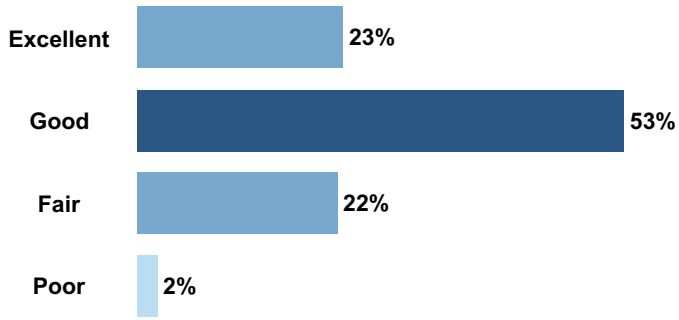
	2024	
Land use, planning and zoning	69% 61% ↘	Higher
Code enforcement	65% 65%	Higher

12. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Utilities

Services such as water, gas, electricity, and internet access play a vital role in ensuring the physical and economic health and well-being of the communities they serve.

Overall quality of the utility infrastructure in Arlington Heights, 2025



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[13]
Overall quality of the utility infrastructure	77%	76%	Similar

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

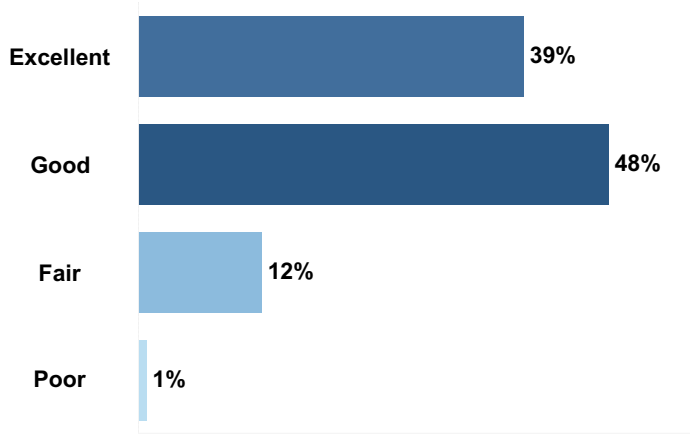
	2023	2025	
Affordable high-speed internet access	69%	59% ↘	Similar
Garbage collection	90%	89%	Similar
Drinking water	87%	87%	Higher
Sewer services	88%	87%	Similar
Storm water management	76%	79%	Similar
Power (electric and/or gas) utility	83%	88%	Similar
Utility billing	77%	76%	Similar

13. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Safety

Public safety is often the most important task facing local governments. All residents should feel safe and secure in their neighborhoods and in the greater community, and providing robust safety-related services is essential to residents' quality of life.

Overall feeling of safety in Arlington Heights, 2025



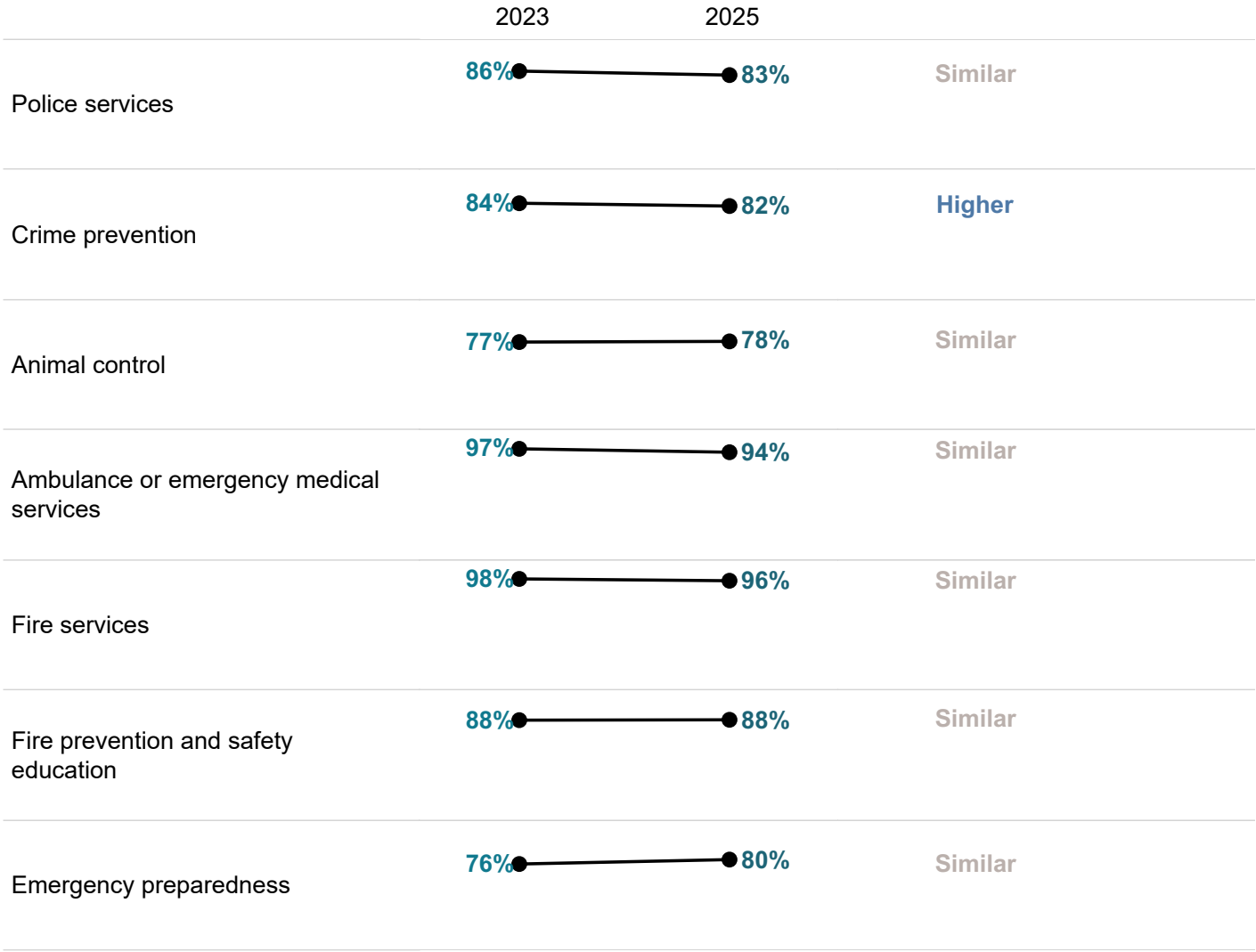
Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[14]
Overall feeling of safety	88%	87%	Similar

Please rate how safe or unsafe you feel:
(% very or somewhat safe)

	2023	2025	
In your neighborhood during the day	96%	98%	Similar
In Arlington Heights's downtown/commercial area during the day	95%	96%	Similar
From property crime	80%	82%	Similar
From violent crime	90%	92%	Similar
From fire, flood, or other natural disaster	89%	90%	Similar

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

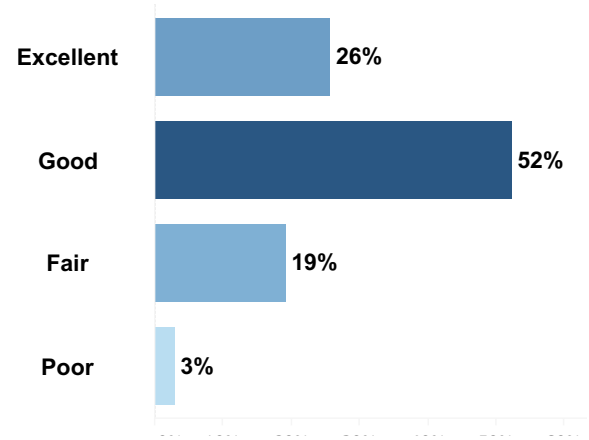


14. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Natural Environment

The natural environment plays a vital role in the health and well-being of residents. The natural spaces in which residents live and experience their communities has a direct and profound effect on quality of life.

Overall quality of natural environment in Arlington Heights, 2024



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[15]
Overall quality of natural environment	77%	78%	Similar

Please also rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Cleanliness	91%	87%	Higher
Water resources	51%	58% ↗	Similar
Air quality	88%	85%	Similar

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

	2023	2025	
Preservation of natural areas, open space	67%	67%	Similar
Arlington Heights open space	67%	68%	Similar
Recycling	77%	77%	Similar
Yard waste pick-up	80%	82%	Similar

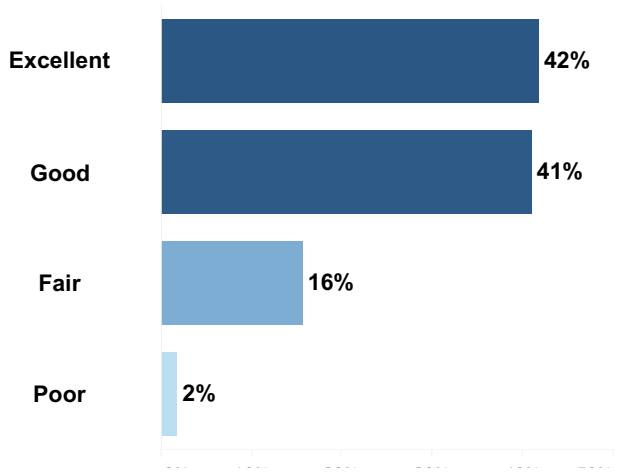
15. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Parks and Recreation

"There are no communities that pride themselves on their quality of life, promote themselves as a desirable location for businesses to relocate, or maintain that they are environmental stewards of their natural resources, without such communities having a robust, active system of parks and recreation programs for public use and enjoyment."

- National Recreation and Park Association

Overall quality of parks and recreation opportunities, 2025



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[16]
Overall quality of parks and recreation opportunities	85%	83%	Similar

Please also rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Availability of paths and walking trails	57%	60%	Similar
Fitness opportunities	74%	74%	Similar
Recreational opportunities	78%	75%	Similar

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

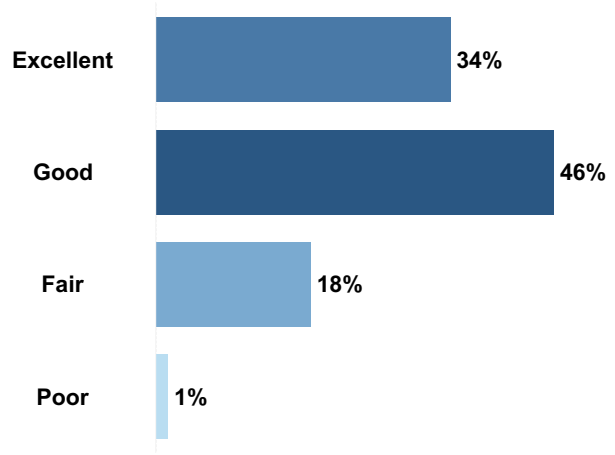
	2023	2025	
Village parks	85%	85%	Similar
Recreation programs or classes	90%	85%	Higher
Recreation centers or facilities	88%	85%	Higher

16. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Health and Wellness

The characteristics of and amenities available in the communities in which people live has a direct impact on the health and wellness of residents, and thus, on their quality of life overall.

Overall health and wellness opportunities in Arlington Heights, 2025



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[17]
Overall health and wellness opportunities	87%	80% ↘	Similar

Please also rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Availability of affordable quality food	76%	66% ↘	Similar
Availability of affordable quality health care	81%	69% ↘	Higher
Availability of preventive health services	76%	78%	Higher
Availability of affordable quality mental health care	56%	56%	Higher

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

	2023	2025	
Health services	83%	86%	Higher

Please rate your overall health.
(% excellent or very good)



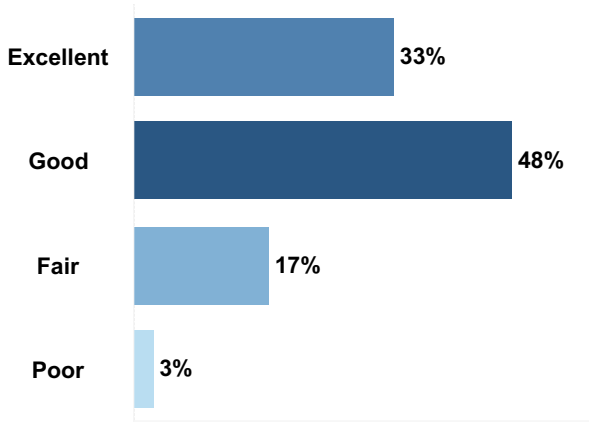
17. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Polco

Education, Arts, and Culture

Participation in the arts, in educational opportunities, and in cultural activities is linked to increased civic engagement, greater social tolerance, and enhanced enjoyment of the local community.

Overall opportunities for education, culture and the arts, 2025



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[18]
Overall opportunities for education, culture, and the arts	85%	80%	Higher

Please also rate each of the following in the Arlington Heights community.
(% excellent or good)

	2023	2025	
Opportunities to attend cultural/arts/music activities	82%	81%	Higher
Community support for the arts	80%	78%	Higher
Availability of affordable quality childcare/preschool	62%	65%	Higher
K-12 education	88%	91%	Much higher
Adult educational opportunities	82%	79%	Higher
Opportunities to attend special events and festivals	78%	83%	Higher

Please rate the quality of each of the following services in Arlington Heights.
(% excellent or good)

	2023	2025	
Public library services	98%	92%	Higher

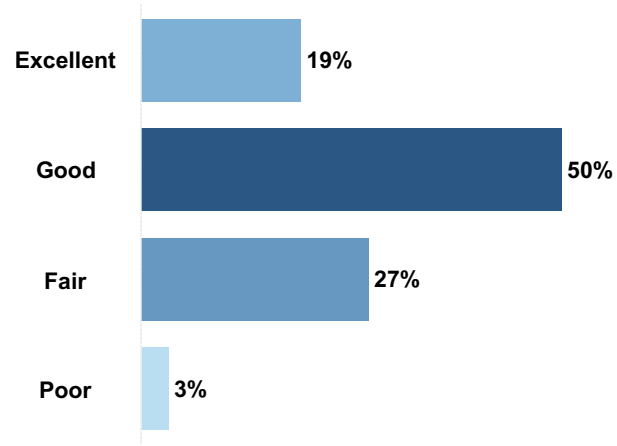
18. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Polco

Inclusivity and Engagement

Inclusivity refers to a cultural and environmental feeling of belonging; residents who feel invited to participate within their communities feel more included, involved, and engaged than those who do not.

Residents' connection and engagement with their community, 2025



Please rate each of the following characteristics as they relate to Arlington Heights as a whole.
(% excellent or good)

	2023	2025	vs. national benchmark[19]
Residents' connection and engagement with their community	76%		Similar

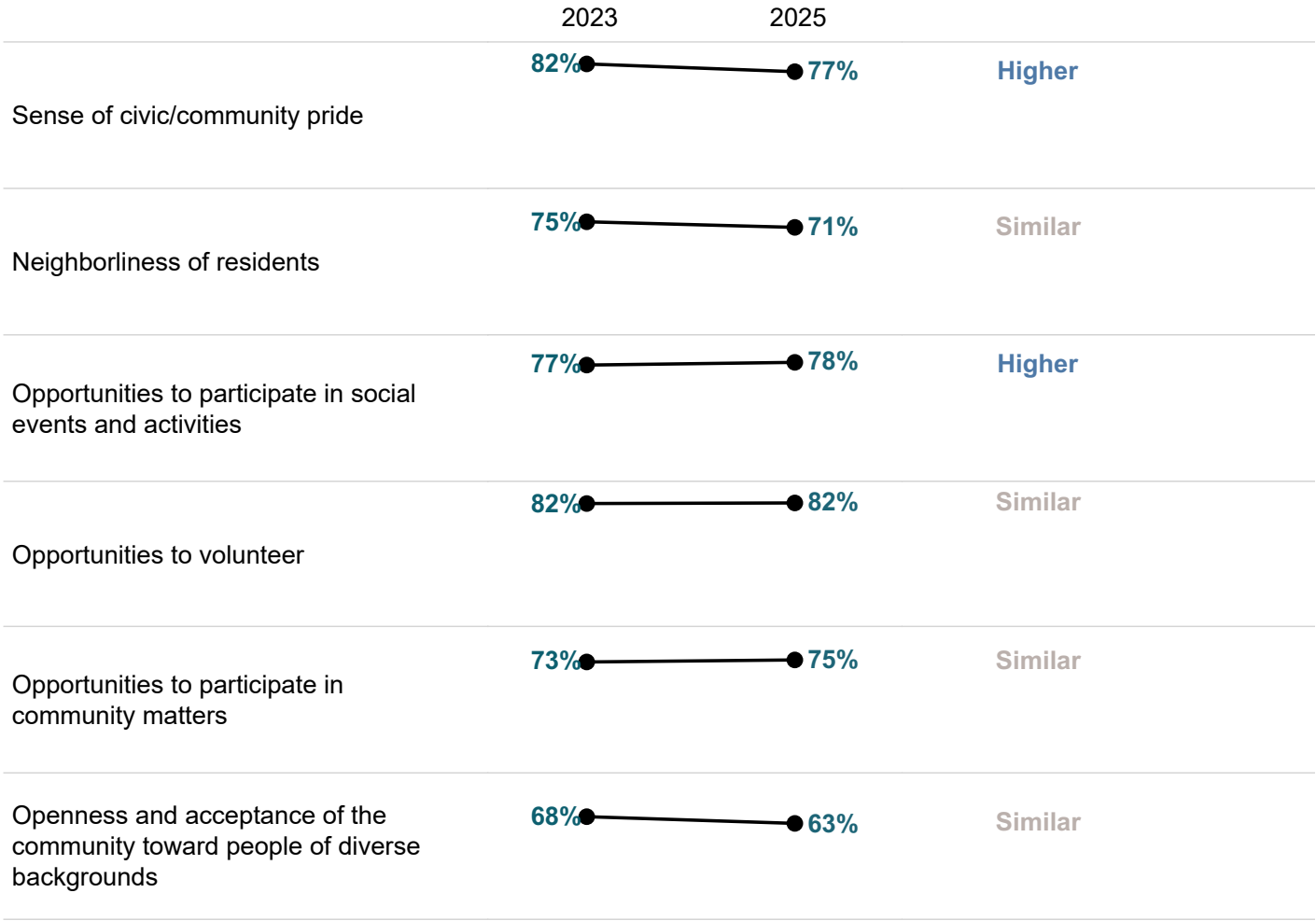
Please rate each of the following aspects of quality of life in Arlington Heights.
(% excellent or good)

	2023	2025	
Arlington Heights as a place to raise children	93%	96%	Higher
Arlington Heights as a place to retire	64%	67%	Similar
Sense of community	78%	74%	Similar

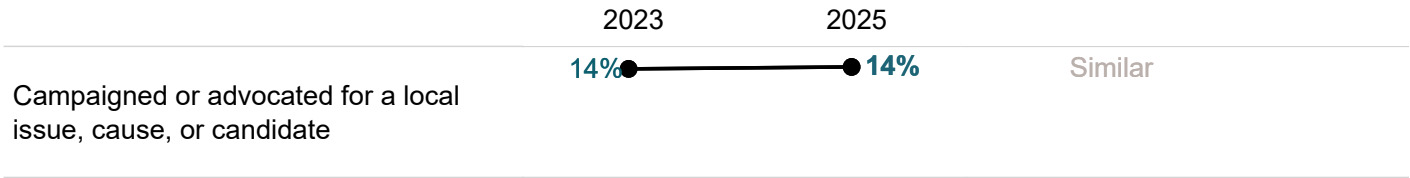
Please rate the job you feel the Arlington Heights community does at each of the following.
(% excellent or good)

	2023	2025	
Making all residents feel welcome	85%	79%	Similar
Attracting people from diverse backgrounds	56%	58%	Similar
Valuing/respecting residents from diverse backgrounds	69%	67%	Similar
Taking care of vulnerable residents	69%	64%	Similar

Please also rate each of the following in the Arlington Heights community.
(% excellent or good)



Please indicate whether or not you have done each of the following in the last 12 months.
(% excellent or good)

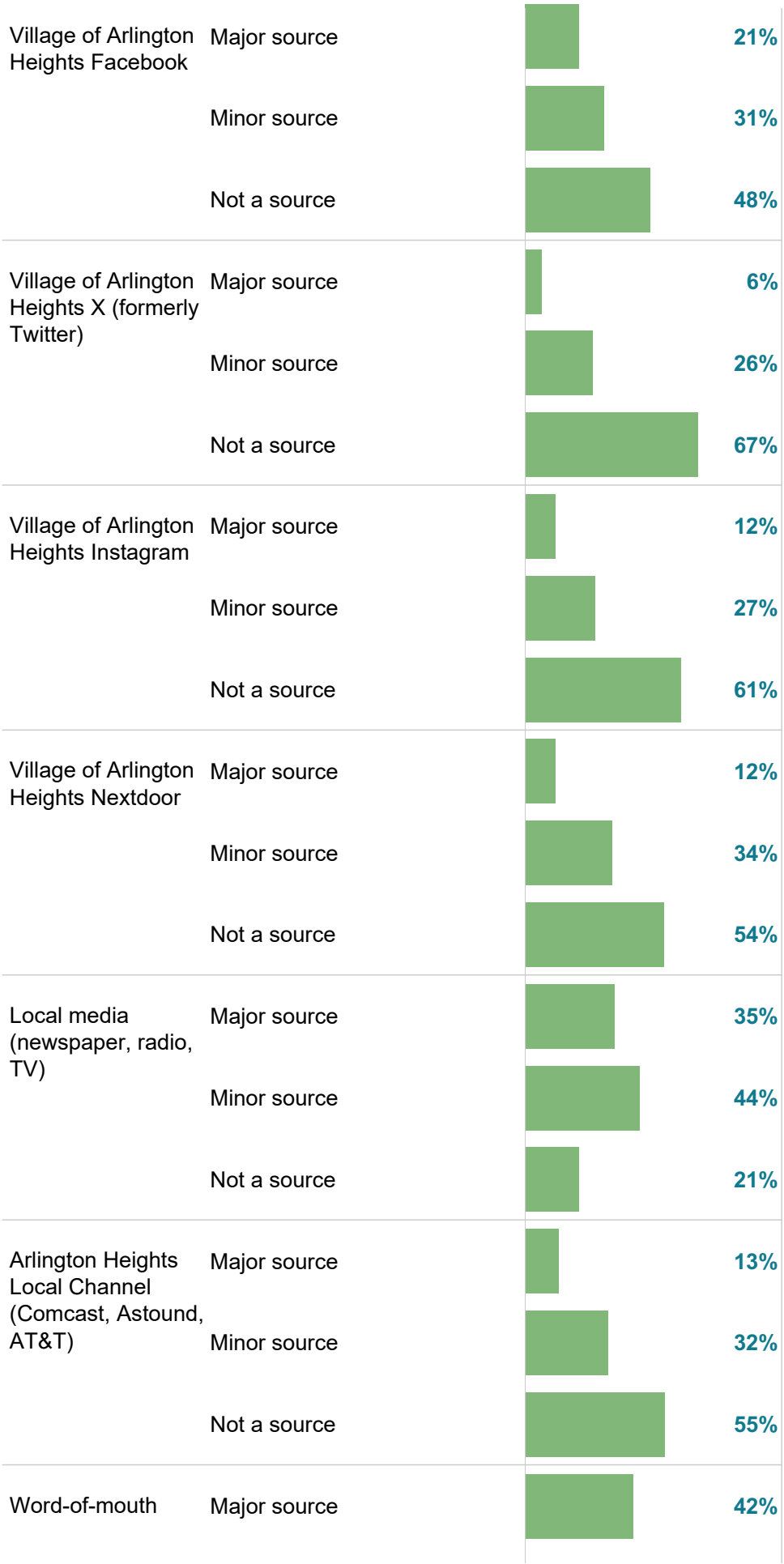


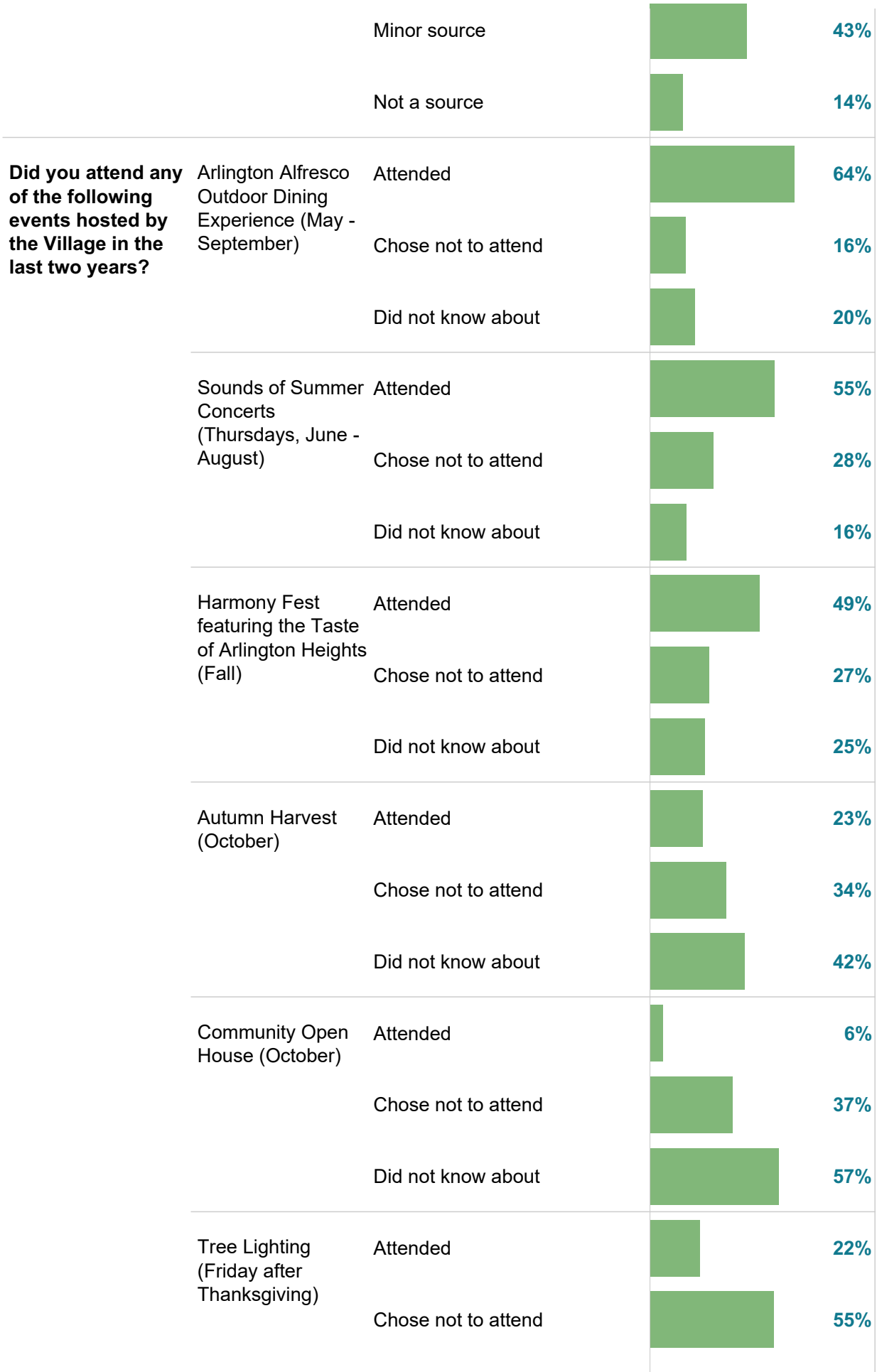
19. Comparison to the national benchmark is shown. If no comparison is available, this is left blank.

Custom questions

Below are the complete set of responses to each custom question on the survey. By default, “don’t know” responses are excluded, but may be added to the table using the response filter below.

	Do you currently utilize Groot's composting program or another composting service?	Yes, I use Groot's composting program	9%
		Yes, I use another composting program	2%
		No, I do not currently use a composting program and I do not plan to	49%
		No, I do not currently use a composting program, but I would be open to it	40%
	How interested would you be in a year-round composting program if it were offered to our community?	Very interested	25%
		Somewhat interested	35%
		Not interested	40%
	If a year-round composting program was implemented, how do you think it sho..	Individually by users only (sticker program)	72%
		Residents should share the costs equally through the Village's General Fund	28%
Please indicate how much of a source, if at all, you consider each of the following to be for obtaining information about the city government and its activities, events, and services:	Village website (www.vah.com)	Major source	69%
		Minor source	23%
		Not a source	7%
	Village e-newsletter (www.vah.com/enews)	Major source	36%
		Minor source	44%
		Not a source	21%


Village of Arlington Heights Facebook
Major source
21%
Minor source
31%
Not a source
48%
Village of Arlington Heights X (formerly Twitter)
Major source
6%
Minor source
26%
Not a source
67%
Village of Arlington Heights Instagram
Major source
12%
Minor source
27%
Not a source
61%
Village of Arlington Heights Nextdoor
Major source
12%
Minor source
34%
Not a source
54%
Local media (newspaper, radio, TV)
Major source
35%
Minor source
44%
Not a source
21%
Arlington Heights Local Channel (Comcast, Astound, AT&T)
Major source
13%
Minor source
32%
Not a source
55%
Word-of-mouth
Major source
42%


Minor source 43%
Not a source 14%
Did you attend any of the following events hosted by the Village in the last two years?
Arlington Alfresco Outdoor Dining Experience (May - September)
Attended 64%
Chose not to attend 16%
Did not know about 20%
Sounds of Summer Concerts (Thursdays, June - August)
Attended 55%
Chose not to attend 28%
Did not know about 16%
Harmony Fest featuring the Taste of Arlington Heights (Fall)
Attended 49%
Chose not to attend 27%
Did not know about 25%
Autumn Harvest (October)
Attended 23%
Chose not to attend 34%
Did not know about 42%
Community Open House (October)
Attended 6%
Chose not to attend 37%
Did not know about 57%
Tree Lighting (Friday after Thanksgiving)
Attended 22%
Chose not to attend 55%

Did not know about		23%

The Village of Arlington Heights 2025 Community Survey

Please complete this survey if you are the adult (age 18 or older) in the household who most recently had a birthday (the year of birth does not matter). Your responses are confidential and no identifying information will be shared.

1. Please rate each of the following aspects of quality of life in Arlington Heights.

	Excellent	Good	Fair	Poor	Don't know
Arlington Heights as a place to live	1	2	3	4	5
Your neighborhood as a place to live	1	2	3	4	5
Arlington Heights as a place to raise children	1	2	3	4	5
Arlington Heights as a place to work	1	2	3	4	5
Arlington Heights as a place to visit	1	2	3	4	5
Arlington Heights as a place to retire	1	2	3	4	5
The overall quality of life in Arlington Heights	1	2	3	4	5
Sense of community	1	2	3	4	5

2. Please rate each of the following characteristics as they relate to Arlington Heights as a whole.

	Excellent	Good	Fair	Poor	Don't know
Overall economic health of Arlington Heights	1	2	3	4	5
Overall quality of the transportation system (auto, bicycle, foot, bus) in Arlington Heights	1	2	3	4	5
Overall design or layout of Arlington Heights's residential and commercial areas (e.g., homes, buildings, streets, parks, etc.)	1	2	3	4	5
Overall quality of the utility infrastructure in Arlington Heights (water, sewer, storm water, electric/gas, broadband)	1	2	3	4	5
Overall feeling of safety in Arlington Heights	1	2	3	4	5
Overall quality of natural environment in Arlington Heights	1	2	3	4	5
Overall quality of parks and recreation opportunities	1	2	3	4	5
Overall health and wellness opportunities in Arlington Heights	1	2	3	4	5
Overall opportunities for education, culture, and the arts	1	2	3	4	5
Residents' connection and engagement with their community	1	2	3	4	5

3. Please indicate how likely or unlikely you are to do each of the following.

	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely	Don't know
Recommend living in Arlington Heights to someone who asks	1	2	3	4	5
Remain in Arlington Heights for the next five years	1	2	3	4	5

4. Please rate how safe or unsafe you feel:

	Very safe	Somewhat safe	Neither safe nor unsafe	Somewhat unsafe	Very unsafe	Don't know
In your neighborhood during the day	1	2	3	4	5	6
In Arlington Heights's downtown/commercial area during the day	1	2	3	4	5	6
From property crime	1	2	3	4	5	6
From violent crime	1	2	3	4	5	6
From fire, flood, or other natural disaster	1	2	3	4	5	6

5. Please rate the job you feel the Arlington Heights community does at each of the following.

	Excellent	Good	Fair	Poor	Don't know
Making all residents feel welcome	1	2	3	4	5
Attracting people from diverse backgrounds	1	2	3	4	5
Valuing/respecting residents from diverse backgrounds	1	2	3	4	5
Taking care of vulnerable residents (elderly, disabled, homeless, etc.)	1	2	3	4	5

6. Please rate each of the following in the Arlington Heights community.

	Excellent	Good	Fair	Poor	Don't know
Overall quality of business and service establishments in Arlington Heights	1	2	3	4	5
Variety of business and service establishments in Arlington Heights	1	2	3	4	5
Vibrancy of downtown/commercial area	1	2	3	4	5
Employment opportunities	1	2	3	4	5
Shopping opportunities	1	2	3	4	5
Cost of living in Arlington Heights	1	2	3	4	5
Overall image or reputation of Arlington Heights	1	2	3	4	5

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7. Please also rate each of the following in the Arlington Heights community.

	Excellent	Good	Fair	Poor	Don't know
Traffic flow on major streets	1	2	3	4	5
Ease of public parking	1	2	3	4	5
Ease of travel by car in Arlington Heights	1	2	3	4	5
Ease of travel by public transportation in Arlington Heights	1	2	3	4	5
Ease of travel by bicycle in Arlington Heights	1	2	3	4	5
Ease of walking in Arlington Heights	1	2	3	4	5
Well-planned residential growth	1	2	3	4	5
Well-planned commercial growth	1	2	3	4	5
Well-designed neighborhoods	1	2	3	4	5
Preservation of the historical or cultural character of the community	1	2	3	4	5
Public places where people want to spend time	1	2	3	4	5
Variety of housing options	1	2	3	4	5
Availability of affordable quality housing	1	2	3	4	5
Overall quality of new development in Arlington Heights	1	2	3	4	5
Overall appearance of Arlington Heights	1	2	3	4	5
Cleanliness of Arlington Heights	1	2	3	4	5
Water resources (beaches, lakes, ponds, riverways, etc.)	1	2	3	4	5
Air quality	1	2	3	4	5
Availability of paths and walking trails	1	2	3	4	5
Fitness opportunities (including exercise classes and paths or trails, etc.)	1	2	3	4	5
Recreational opportunities	1	2	3	4	5
Availability of affordable quality food	1	2	3	4	5
Availability of affordable quality health care	1	2	3	4	5
Availability of preventive health services	1	2	3	4	5
Availability of affordable quality mental health care	1	2	3	4	5
Opportunities to attend cultural/arts/music activities	1	2	3	4	5
Community support for the arts	1	2	3	4	5
Availability of affordable quality childcare/preschool	1	2	3	4	5
K-12 education	1	2	3	4	5
Adult educational opportunities	1	2	3	4	5
Sense of civic/community pride	1	2	3	4	5
Neighborliness of residents in Arlington Heights	1	2	3	4	5
Opportunities to participate in social events and activities	1	2	3	4	5
Opportunities to attend special events and festivals	1	2	3	4	5
Opportunities to volunteer	1	2	3	4	5
Opportunities to participate in community matters	1	2	3	4	5
Openness and acceptance of the community toward people of diverse backgrounds	1	2	3	4	5

8. Please indicate whether or not you have done each of the following in the last 12 months.

	No	Yes
Contacted the Village of Arlington Heights (in-person, phone, email, or web) for help or information	1	2
Contacted Arlington Heights elected officials (in-person, phone, email, or web) to express your opinion	1	2
Attended a local public meeting (of local elected officials like Village Council or County Commissioners, advisory boards, town halls, HOA, neighborhood watch, etc.)	1	2
Watched (online or on television) a local public meeting	1	2
Volunteered your time to some group/activity in Arlington Heights	1	2
Campaigned or advocated for a local issue, cause, or candidate	1	2
Voted in your most recent local election	1	2
Used bus, rail, subway, or other public transportation instead of driving	1	2
Carpooled with other adults or children instead of driving alone	1	2
Walked or biked instead of driving	1	2

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9. Please rate the quality of each of the following services in Arlington Heights.

	Excellent	Good	Fair	Poor	Don't know
Public information services	1	2	3	4	5
Economic development	1	2	3	4	5
Traffic enforcement	1	2	3	4	5
Traffic signal timing	1	2	3	4	5
Street repair	1	2	3	4	5
Street cleaning	1	2	3	4	5
Street lighting	1	2	3	4	5
Snow removal	1	2	3	4	5
Sidewalk maintenance	1	2	3	4	5
Bus or transit services	1	2	3	4	5
Land use, planning, and zoning	1	2	3	4	5
Code enforcement (weeds, abandoned buildings, etc.)	1	2	3	4	5
Affordable high-speed internet access	1	2	3	4	5
Garbage collection	1	2	3	4	5
Drinking water	1	2	3	4	5
Sewer services	1	2	3	4	5
Storm water management (storm drainage, dams, levees, etc.)	1	2	3	4	5
Power (electric and/or gas) utility	1	2	3	4	5
Utility billing	1	2	3	4	5
Police services	1	2	3	4	5
Crime prevention	1	2	3	4	5
Animal control	1	2	3	4	5
Ambulance or emergency medical services	1	2	3	4	5
Fire services	1	2	3	4	5
Fire prevention and safety education	1	2	3	4	5
Emergency preparedness (services that prepare the community for natural disasters or other emergency situations)	1	2	3	4	5
Preservation of natural areas, open space	1	2	3	4	5
Arlington Heights open space	1	2	3	4	5
Recycling	1	2	3	4	5
Yard waste pick-up	1	2	3	4	5
Village parks	1	2	3	4	5
Recreation programs or classes	1	2	3	4	5
Recreation centers or facilities	1	2	3	4	5
Health services	1	2	3	4	5
Public library services	1	2	3	4	5
Overall customer service by Arlington Heights employees (police, receptionists, planners, etc.)	1	2	3	4	5

10. Please rate the following categories of Arlington Heights government performance.

	Excellent	Good	Fair	Poor	Don't know
The value of services for the taxes paid to Arlington Heights	1	2	3	4	5
The overall direction that Arlington Heights is taking	1	2	3	4	5
The job Arlington Heights government does at welcoming resident involvement	1	2	3	4	5
Overall confidence in Arlington Heights government	1	2	3	4	5
Generally acting in the best interest of the community	1	2	3	4	5
Being honest	1	2	3	4	5
Being open and transparent to the public	1	2	3	4	5
Informing residents about issues facing the community	1	2	3	4	5
Treating all residents fairly	1	2	3	4	5
Treating residents with respect	1	2	3	4	5

11. Overall, how would you rate the quality of the services provided by each of the following?

	Excellent	Good	Fair	Poor	Don't know
The Village of Arlington Heights	1	2	3	4	5

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12. Please rate how important, if at all, you think it is for the Arlington Heights community to focus on each of the following in the coming two years.

	Essential	Very important	Somewhat important	Not at all important
Overall economic health of Arlington Heights	1	2	3	4
Overall quality of the transportation system (auto, bicycle, foot, bus) in Arlington Heights	1	2	3	4
Overall design or layout of Arlington Heights's residential and commercial areas (e.g., homes, buildings, streets, parks, etc.)	1	2	3	4
Overall quality of the utility infrastructure in Arlington Heights (water, sewer, storm water, electric/gas, broadband)	1	2	3	4
Overall feeling of safety in Arlington Heights	1	2	3	4
Overall quality of natural environment in Arlington Heights	1	2	3	4
Overall quality of parks and recreation opportunities	1	2	3	4
Overall health and wellness opportunities in Arlington Heights	1	2	3	4
Overall opportunities for education, culture, and the arts	1	2	3	4
Residents' connection and engagement with their community	1	2	3	4

13. Do you currently utilize Groot's composting program or another composting service?

- ❍ Yes, I use Groot's composting program
- ❍ Yes, I use another composting program
- ❍ No, I do not currently use a composting program and I do not plan to
- ❍ No, I do not currently use a composting program, but I would be open to it

14. How interested would you be in a year-round composting program if it were offered to our community?

❍ Very interested ❍ Somewhat interested ❍ Not interested

15. If a year-round composting program was implemented, how do you think it should be funded?

- ❍ Individually by users only (sticker program)
- ❍ Residents should share the costs equally through the Village's General Fund

16. Please indicate how much of a source, if at all, you consider each of the following to be for obtaining information about the city government and its activities, events, and services:

	Major source	Minor source	Not a source
Village website (www.vah.com)	1	2	3
Village e-newsletter (www.vah.com/enews)	1	2	3
Village of Arlington Heights Facebook	1	2	3
Village of Arlington Heights X (formerly Twitter)	1	2	3
Village of Arlington Heights Instagram	1	2	3
Village of Arlington Heights Nextdoor	1	2	3
Local media (newspaper, radio, TV)	1	2	3
Arlington Heights Local Channel (Comcast, Astound, AT&T)	1	2	3
Word-of-mouth	1	2	3

17. Did you attend any of the following events hosted by the Village in the last two years?

	Attended	Chose not to attend	Did not know about
Arlington Alfresco Outdoor Dining Experience (May – September)	1	2	3
Sounds of Summer Concerts (Thursdays, June – August)	1	2	3
Harmony Fest featuring the Taste of Arlington Heights (Fall)	1	2	3
Autumn Harvest (October)	1	2	3
Community Open House (October)	1	2	3
Tree Lighting (Friday after Thanksgiving)	1	2	3

18. What are the top issues you would like the Village to focus on in 2026 – 2027?

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The Village of Arlington Heights 2025 Community Survey

Our last questions are about you and your household.
Again, all of your responses to this survey are confidential and no identifying information will be shared.

D1. In general, how many times do you:

	Several times a day	Once a day	A few times a week	Every few weeks	Less often or never	Don't know
Access the internet from your home using a computer, laptop, or tablet computer	1	2	3	4	5	6
Access the internet from your cell phone	1	2	3	4	5	6
Visit social media sites such as Facebook, X (formerly Twitter), Nextdoor, etc.	1	2	3	4	5	6
Use or check email	1	2	3	4	5	6
Share your opinions online	1	2	3	4	5	6
Shop online	1	2	3	4	5	6

D2. Please rate your overall health.

❍ Excellent ❍ Very good ❍ Good ❍ Fair ❍ Poor

D3. What impact, if any, do you think the economy will have on your family income in the next 6 months? Do you think the impact will be:

❍ Very positive ❍ Somewhat positive ❍ Neutral ❍ Somewhat negative ❍ Very negative

D4. How many years have you lived in Arlington Heights?

❍ Less than 2 years
❍ 2-5 years
❍ 6-10 years
❍ 11-20 years
❍ More than 20 years

D5. Which best describes the building you live in?

❍ Single-family detached home
❍ Townhouse or duplex (may share walls but no units above or below you)
❍ Condominium or apartment (have units above or below you)
❍ Mobile home
❍ Other

D6. Do you rent or own your home?

❍ Rent
❍ Own

D7. About how much is your monthly housing cost for the place you live (including rent, mortgage payment, property tax, property insurance, and homeowners' association (HOA) fees)?

❍ Less than $300
❍ $300 to $599
❍ $600 to $999
❍ $1,000 to $1,499
❍ $1,500 to $2,499
❍ $2,500 to $3,999
❍ $4,000 to $6,999
❍ $7,000 to $9,999
❍ $10,000 or more

D8. Do any children 17 or under live in your household?

❍ No ❍ Yes

D9. Are you or any other members of your household aged 65 or older?

❍ No ❍ Yes

D10. How much do you anticipate your household's total income before taxes will be for the current year? (Please include in your total income money from all sources for all persons living in your household.)

❍ Less than $25,000
❍ $25,000 to $49,999
❍ $50,000 to $74,999
❍ $75,000 to $99,999
❍ $100,000 to $149,999
❍ $150,000 to $199,999
❍ $200,000 to $299,999
❍ $300,000 or more

D11. Are you of Hispanic, Latino/a/x, or Spanish origin?

❍ No ❍ Yes

D12. What is your race? (Mark one or more races to indicate what race you consider yourself to be.)

❑ American Indian or Alaskan Native
❑ Asian
❑ Black or African American
❑ Native Hawaiian or Other Pacific Islander
❑ White
❑ A race not listed

D13. In which category is your age?

❍ 18-24 years
❍ 25-34 years
❍ 35-44 years
❍ 45-54 years
❍ 55-64 years
❍ 65-74 years
❍ 75 years or older

D14. What is your gender?

❍ Woman
❍ Man
❍ Identify in another way → go to D14a

D14a. If you identify in another way, how would you describe your gender?

❍ Agender/I don't identify with any gender
❍ Genderqueer/gender fluid
❍ Non-binary
❍ Transgender man
❍ Transgender woman
❍ Two-spirit
❍ Identify in another way

Thank you! Please return the completed survey in the postage-paid envelope to:
National Research Center, Inc., PO Box 549, Belle Mead, NJ 08502

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VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: 2025-2029 5-Year Consolidated Plan including the 2025-2026 Annual Action Plan
Department: Planning & Community Development

Item Description:
Background
In order to receive its annual CDBG entitlement grant from HUD, the Village must have in place a 5-year Consolidated Plan and 1-year Annual Action Plans. The 5-year Consolidated Plan explains how the Village will address housing and community development needs in the Village, particularly the needs of the Village's low- and moderate-income residents. The 1-year Annual Action Plans explain the activities the Village will undertake during the program year including how the Village will use its annual Community Development Block Grant (CDBG) allocation.

This year, the Village is due to adopt its program year 2025-2029 5-year Consolidated Plan including its 2025-2026 Annual Action Plan.

The public participation process for the 2025-2029 Consolidated Plan including the 2025-2026 Annual Action Plan includes:

- Public Hearing #1: June 2, 2025
- 30-day public comment period: June 6, 2025 – July 7, 2025
- Public Hearing #2 (tentative): July 21, 2025

The CDBG grant applicants have been invited to attend the June 2, 2025 public hearing to answer any questions with regard to their applications. The grant applicants are not been required to present their applications, but they may choose to do so at their option.

The 2025-2026 Annual Action Plan is to be funded by the Federal CDBG allocation contained in the 2025 Federal budget that was approved by Congress through continuing resolutions. These funds have been allocated, and the Village has been notified by HUD of its CDBG grant allocation for the 2025-2026 program year (i.e., October 1, 2025 – September 30, 2026).

It is noted that the Federal Administration's proposed 2026 budget calls for the elimination of the CDBG program. The outcome of this proposal is not

known at this time. All jurisdictions such as Arlington Heights are preparing, adopting and submitting their 2025-2029 Consolidated Plans and 2025 Annual Action Plans in order to have them in place in anticipation of the continuation of the CDBG program.

Public Hearing

2025-2029 Consolidated Plan & 2025-2026 Annual Action Plan

A public hearing is being held on the draft 2025-2029 Consolidated Plan and 2025-2026 Annual Action Plan which explains how the Village will address housing and community development needs in the Village, particularly the housing and community development needs of the Village's low- and moderate-income residents, during the 5-year Consolidated Plan period and the 1-year Annual Action Plan period. The 2025-2026 Annual Action Plan includes the Village's CDBG budget for the program year.

For the period covered by the 2025-2026 Annual Action Plan, the Village received 17 CDBG grant requests totaling $670,050 of which an estimated $422,747 can be funded.

The total estimated 2025-2026 CDBG fund is the sum of the following sources:

Federal 2025 Entitlement Grant: $332,747
Estimated Carry Over Funds from Prior Years: $ 90,000
TOTAL: $422,747

There are some HUD restrictions about which the Committee of the Whole should be aware. **Exhibit A** shows the funding requests according to the program restriction categories (i.e., public services, construction, and administration) stipulated by HUD.

The following are the guidelines for the expenditure categories:

- **Public Service Activities Cap** - The maximum funding for public service activities is 15% of the sum of the Federal 2025 CDBG Entitlement Grant and the prior year's (2024-2025) program income: **$49,900.**
- **Administrative Services Cap** - The maximum funding for administrative services is 20% of the sum of the 2025 Federal CDBG Entitlement Grant and the anticipated FY 2025-2026 program income: **$66,500.**
- **Brick and Mortar Projects** – If the Village elects to expend the full amounts allowed under the caps for public service activities and administration, the amount available for brick and mortar is the total amount of CDBG funds available for FY 2025-2026 less the amounts of the two caps: **$306,347.**

- **Low and Moderate Income Benefit** - A minimum of 70% of the total CDBG funds for 2025-2026 must benefit low and moderate income persons: **$232,923.**

A copy of the draft 2025-2029 Consolidated Plan including the 2025-2026 Annual Action Plan is provided as **Exhibit B.** Copies of the narrative portions of the CDBG applications are provided as **Exhibit C.** Supporting documentation submitted by the grant applicants in connection with their applications (i.e., audits, 501(c)(3) letters, etc.) were examined by staff and are available to the Village Board upon request.

NEXT STEP
After consideration of public comments received at the June 2, 2025 public hearing and pursuant to applicable regulations, the proposed 2025-2029 Consolidated Plan including the 2025-2026 Annual Action Plan will be made available for the required 30-day public comment period. No Village Board action is required at the first public hearing.

ATTACHMENTS:
1. Exhibit A - Summary of Grant Requests
2. Exhibit B - Draft 2025-2029 Consolidated Plan including 2025 Annual Action Plan
3. #1 - Family Forward
4. #2 - Resources for Community Living
5. #3 - Children's Advocacy Center
6. #4 - Connections to Care
7. #5 - Suburban Primary Health Care_Access to Care
8. #6 - WINGS
9. #7 - Life Span
10. #8 - Northwest Compass
11. #9 - Northwest Center Against Sexual Assault (NW CASA)
12. #10 - Journeys The Road Home
13. #11 - Clearbrook
14. #12 - Glenkirk
15. #13 - Full Circle Communities Grace Terrace
16. #14 - VAH Group Home Rehab Grant Program
17. #15 - VAH Single-Family Rehab Loan Program
18. #16 - VAH Infrastructure
19. #17 - VAH CDBG Administration

	EXHIBIT A		Adopted	Estimated
	2025-2026 CDBG BUDGET		**2024-2025 CDBG**	**2025-2026 CDBG**
	Revenue		**Revenue**	**Revenue**
	2025 CDBG Grant		$ 318,751	$ 332,747
	Estimated Carry Over (unobligated) Funds from Prior Years		$ -	$ 90,000
	Program Income		$ 23,637	$ -
	Total Revenue		**$ 342,388**	**$ 422,747**
	Expenditures		**2024-2025 CDBG**	**2025-2026**
	Public Services (2025-2026 optional 15% cap: $49,900)	**Program**	**Grant Allocations**	**Grant Requests**
1	Family Forward	Case Management & Mentoring Support	$ 3,500	$ 3,500
2	Resources for Community Living	Affordable Housing Options and Support	$ -	$ 6,000
3	Children's Advocacy Center	Child Victim & Witness Services	$ 5,000	$ 6,000
4	Connections to Care	Connections to Care	$ 5,000	$ 6,000
5	Suburban Primary Health Care Council	Access to Care - Subsidized Medical Services	$ 6,500	$ 7,000
6	WINGS	Emergency Shelter	$ 7,000	$ 7,000
7	Life Span	Operating Support/Victims of Domestic Violence	$ 5,000	$ 10,000
8	Northwest Compass	Housing Counseling and Homeless Diversion	$ 5,000	$ 10,000
9	NW CASA - Sexual Assault Program	Sexual Violence Intervention Program	$ 5,000	$ 12,000
10	Journeys The Road Home	Homeless Services	$ 9,300	$ 15,000
	Total		$ 51,300	$ 82,500
	Construction (2025-2026 available: $306,347)			
11	Clearbrook	Group Home Rehab - Eastman Home	$ 41,656	$ 27,950
12	Glenkirk	Group Home Rehab - Kingsbury & Chestnut	$ -	$ 33,100
13	Full Circle Communities, Inc.	Grace Terrace	$ -	$ 100,000
14	VAH Group Home Rehabilitation Grant Program	Group Home Renovations Grant Program	$ 90,000	$ 110,000
15	VAH Single-Family Rehabilitation Loan Program	Single Family Rehabilitation Loan Program	$ 62,688	$ 100,000
16	VAH Public Infrastructure	Street Resurfacing or other Infrastructure	$ 70,000	$ 150,000
	Total		$ 264,344	$ 521,050
	Administration (2025-2026 optional 20% cap: $66,500)			
17	VAH CDBG Administrative Costs	CDBG Administrative Costs	$ 68,400	$ 66,500.00
			$ 68,400	$ 66,500.00
	Total Expenditures		**332,744**	**$ 670,050.00**

Village of Arlington Heights, IL

2025-2029 Consolidated Plan including the 2025 Annual Action Plan

Draft: June 2, 2025

Prepared by:
Department of Planning and Community Development
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Arlington Heights, IL 60005
847-368-5200
Planningmail@vah.com

Executive Summary

ES-05 Executive Summary – 24 CFR 91.200(c), 91.220(b)

1. Introduction

Purpose: The 5-year Consolidated Plan describes the Village of Arlington Heights' housing and community development needs, particularly those of its low- and moderate-income residents. It also contains the Village's 5-year strategic plan for addressing those need including how the Village plans to use it annual federal allocation of Community Development Block Grant funds.

For each year of the 5-year period covered by the Consolidated Plan, the Village also adopts an Annual Action Plan. The Annual Action Plan contains the specific activities to be undertaken during the year to address affordable housing and other community development needs. The uses to which the Village's CDBG funds will be put during the year are specifically described.

The planning process for the 5-year Consolidated Plan is guided by federal regulations found at 24 CFR parts 91 and 570. The CDBG program is governed by regulations found at 24 CFR Part 570. Further information about Consolidated Planning and the CDBG program is available at www.hud.gov.

The Village of Arlington Heights is a member of the Cook County HOME Consortium. Cook County is the lead entity of the Consortium. As the lead entity, Cook County is responsible for conducting a needs assessment and housing market analysis for Cook County, including the Cook County HOME Consortium members' areas such as the Village of Arlington Heights. The Village of Arlington Heights is responsible for developing those parts of the Consolidated Plan that are contained in this document. Cook County will collect the Consolidated Plans of all of the HOME Consortium members, and Cook County will submit its Consolidated Plan and those of the HOME Consortium members to HUD as one unified document.

The time period covered by this Consolidated Plan is federal fiscal years allocations for 2025 – 2029. These are the Village's CDBG program years:
Year 1: October 1, 2025 – September 30, 2026
Year 2: October 1, 2026 – September 30, 2027
Year 3: October 1, 2027 – September 30, 2028
Year 4: October 1, 2028 – September 30, 2029
Year 5: October 1, 2029 – September 30, 2030

2. Summary of the objectives and outcomes identified in the Plan Needs Assessment Overview

Throughout this 5-year Consolidated Plan period, the Village of Arlington Heights will fund programs and services aimed at improving the lives of its low- and moderate-income residents. Through the

consultation process, the Village developed a list of priority areas that will receive funding preference. The following have been determined to be high priority need areas:

1) Affordable Housing;
2) Homeless Programs;
3) Public Facilities;
4) Infrastructure;
5) Public Services; and
6) Planning and Administration

The Village of Arlington Heights CDBG entitlement grants are limited. Only a portion of the Village's community development activities are funded using CDBG funds. In this Consolidated Plan, the Village of Arlington Heights describes programs that are funded from the CDBG grant as well as programs funded from other sources. For the purposes of this Consolidated Plan, community needs expected to be funded with CDBG grant funds are designated as "high" priority need areas. Community needs and programs addressed by other means are designated as “moderate" or "low." These rankings reflect their priority for CDBG funding not their priority to the community. Some need areas may be high priorities of the Village; however, if they are not expected to receive CDBG funding, they will be designated in this report as "low."

3. Evaluation of past performance

The Village of Arlington Heights has been a recipient of Community Development Block Grant (CDBG) funds since 1974. The Village has successfully provided support to public service organizations, housing programs (ex. Single Family Rehab, Multi-Family Rehab, Group Home Rehab), public facility improvements (ex. purchase and development of a Senior Center), public infrastructure (ex. street resurfacing in low/mod-income areas); and planning and administration. The Village has effectively worked with the U.S. Department of Housing and Urban Development over the 50 years of the program’s existence and has consistently met it goals and complied with all of the federal requirements of the program.

The Village was most recently monitored by HUD in March 2023. This monitoring visit reviewed the Village's compliance with federal requirements in the areas of: 1) grant administration, 2) financial management, 3) administration of funding for public services, and 4) use of funding for public facilities and infrastructure projects. The Village was found to be in compliance with no findings and one procedural recommendation involving verifying that A-122 audits (required of subrecients that receive $750,000 or more in Federal funds) are filed with the Federal Audit Clearinghouse after those audits are completed.

4. Summary of citizen participation process and consultation process

On March 17, 2025, the Village posted an on-line public survey with respect to needs in the community. The survey was publicized on social media and in the local newspaper. Assistance was offered to persons

who did not have access or otherwise needed assistance with operating a computer in order to complete the survey. The number of responses received was 163.

Two other surveys, conducted in 2023, also informed this Consolidated Plan. They were the National Citizens Survey (developed by the national Research Center (NRC) at Polco); and the 2023 Age-Friendly Community Survey conducted under the Village's Age-Friendly Initiative.

The Village will conduct two public hearings during the development of the 2025 – 2029 Consolidated Plan. There will also be a 30-day public comment period on the draft 2025 - 2029 Consolidated Plan. Notices concerning the public hearings and the public comment period will be posted on the Village website and published in the *Daily Herald* newspaper.

Consultations will be held with persons and entities involved in providing affordable housing including the Cook County Housing Authority; non-profit agencies that provide social services for low- and moderate-income children, elderly, persons with disabilities, persons with HIV/AIDS, victims of domestic violence, unhoused persons, and those in need of assistance with healthcare, education, and employment. Information will be included regarding needs in the areas of access to broadband internet access, and narrowing the digital divide. Information will be included concerning the management of flood prone areas, public land, water resources, and emergency management through consultations. The Village consulted with other units of government (federal, state, county and local), regional organizations, planning organizations, business leaders, and civic leaders. Information on these consultations is available in section PR-10 of this Consolidated Plan.

5. Summary of public comments

To be completed.

6. Summary of comments or views not accepted and the reasons for not accepting them

To be completed.

7. Summary

This draft 2025 - 2029 Consolidated Plan contains information concerning the Village of Arlington Heights' housing and community development needs, particularly those of its low- and moderate-income residents. It also contains the Village's draft 5-year strategic plan for addressing those needs including how the Village plans to use it annual federal allocation of Community Development Block Grant (CDBG) funds. Finally, it contains the Village's 2025-2026 Annual Action Plan covering the actions the Village intends to take during that program year including how it will use its CDBG funds.

The draft high priority need areas are: 1) affordable housing; 2) homelessness; 3) public facilities; 4) infrastructure; 5) public services; and 6) planning and administration. These areas of need were identified through the public participation process on the Consolidated Plan.

The Consolidated Plan is composed of the following components:

- The Process: Steps taken to engage the public and solicit input
- Needs Assessment: An assessment of community development and affordable housing needs
- Market Analysis: A description of the resources in the community
- Strategic Plan: The priorities and objectives under the Consolidated Plan based on community needs and resources
- PY2025 Annual Action Plan: The proposed programs and activities to be funded under the annual CDBG budget for the period of October 1, 2025 through September 30, 2026

The Process

PR-05 Lead & Responsible Agencies - 91.200(b)

1. Describe agency/entity responsible for preparing the Consolidated Plan and those responsible for administration of each grant program and funding source

The following are the agencies/entities responsible for preparing the Consolidated Plan and those responsible for administration of each grant program and funding source.

Agency Role	Name	Department/Agency
CDBG Administrator	ARLINGTON HEIGHTS	Department of Planning & Community Development

Table 1– Responsible Agencies

Narrative

The lead agency and CDBG administrator for this 2025 - 2029 Consolidated Plan is the Village of Arlington Heights.

Consolidated Plan Public Contact Information

Nora Boyer, Housing Planner
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PR-10 Consultation - 91.100, 91.110, 91.200(b), 91.300(b), 91.215(l) and 91.315(l)

1. Introduction

The Village of Arlington Heights will hold two public hearings and conduct a 30-day public comment period during the development of the 2025 - 2029 Consolidated Plan. Consultations are being held with persons and entities involved in providing affordable housing including the Cook County Housing Authority and non-profit agencies that providing services for low- and moderate-income children, elderly, persons with disabilities, persons with HIV/AIDS, victims of domestic violence, unhoused persons, and those in need of assistance with healthcare, education, and employment. Consultation will also provide information on needs concerning access to broadband internet; narrowing the digital divide; and planning for the management of flood prone areas, public land, water resources, and emergency management. The Village is consulting with other units of government (federal, state, county and local), regional organizations, planning organizations, business leaders, and civic leaders.

Provide a concise summary of the jurisdiction's activities to enhance coordination between public and assisted housing providers and private and governmental health, mental health and service agencies (91.215(l)).

Public and Assisted Housing Providers: The Village is in on-going contact and coordinates with public and assisted housing providers. The Village has one public housing building, the Albert Goedke Apartments, which provides 118 subsidized rental units. Subsidized rental units are also located in two privately-owned buildings, Cedar Village of Arlington Heights (80 units for senior citizens) and Linden Place (110 family townhomes and 80 units in a senior building).

Since 2006, affordable units have been created at the privately-financed Timber Court Apartments (14 affordable units) and The Residences at Payton Place (9 affordable units). Affordable units that have been created using public financing sources (ex. the Federal Low-Income Housing Tax Credit Program, the Illinois Housing Development Authority's Permanent Supportive Housing Program, etc.) include: Parkview Apartments (41 affordable units); Heart's Place (18 units of affordable permanent supportive housing); and Crescent Place (40 affordable units). The following affordable units have been approved but are not yet constructed: 116-120 W Eastman (7 affordable rental units), Grace Terrace (25 units of affordable permanent supportive housing), and Arlington Gateway (30 affordable rental units). Several other developments expected to include affordable units are under review. The Village continues to work with public housing providers; for-profit and non-profit housing providers receiving federal financing for their developments; and for-profit developers using exclusively private financing.

Many of the units described above were created under the Village's Inclusionary Housing Ordinance (IHO), which was adopted in 2020. The Village has an Affordable Housing Trust Fund that is primarily funded with fees-in-lieu of affordable housing units and linkage fees from small new construction projects required by the Village's IHO. The Village's Housing Commission is currently communicating

with public and assisted housing provides and operators of affordable housing programs to determine the priority uses for the monies in the Trust Fund.

Private and Governmental Health, Mental Health and Service Agencies: The Village's Department of Planning and Community Development works with governmental health, mental health and service agencies through the Consolidated Plan process. The Village has historically allocated the maximum amount of Community Development Block Grant (CDBG) funds as permitted by federal regulations for public services including health and mental health services. The Village's Department of Health and Human Services directly provides health and mental health services to Village residents through its environmental health officers, social workers, and community health nurses. This department and the Police Department (including through the Police Department's Community Support Services Unit) coordinate with health, mental health, and public service providers.

Describe coordination with the Continuum of Care and efforts to address the needs of homeless persons (particularly chronically homeless individuals and families, families with children, veterans, and unaccompanied youth) and persons at risk of homelessness

The Alliance to End Homelessness in Suburban Cook County is the Continuum of Care Coordinator for suburban Cook County (i.e., Cook County excluding the City of Chicago). According to its website, "The Alliance began in 1997 as the Task Force on Homelessness. In 2004, the Task Force formally incorporated and updated its name to reflect the proactive, regional focus of its work." The Alliance reports that it has a staff of 20, over 40 member agencies, and coordinated the distribution of approximately $24 million annually in HUD homeless assistance funds.

The Alliance has three regional councils to address the nature of homelessness and needs in different areas of Cook County. The Village of Arlington Heights is located in the North region. The Regional Council for this area is the Association of Homeless Advocates in the North District (AHAND). The agencies that provide services to Arlington Heights residents (including chronically homeless individuals and families, families with children, veterans, unaccompanied youth and persons at risk of homelessness) participate in and coordinate their program through AHAND.

Northwest Compass: This agency is the Coordinated Entry point in the North region under the Continuum of Care's community-wide Coordinated Entry system. The Coordinated Entry system is made up of nonprofit homeless service providers that connect people experiencing homelessness and housing instability with the resources they need. Coordinated Entry allows the community to better target available resources to the people who need them the most and connect people to the right program based on their preferences and needs. Under Northwest Compass's Housing Program this agency provides crisis intervention, housing counseling and assistance, rapid re-housing, and street outreach. This agency serves all categories of homeless persons/households and has a unique focus on homeless youth.

Journeys|The Road Home. Journeys provides shelter and services to homeless persons and persons at risk of homelessness primarily through the following programs:

1) The Hope Center is a day service resource center through which Journeys provide: case management services; food pantry; clothing closet; hot meals; laundry; shower facilities; access to mail, email, and voicemail; transportation; nursing care (Thursdays); referrals to doctors, dentists & lawyers; occupational travel and food vouchers; lockers; mental health counseling; housing assistance; vocational counseling; outreach services; budgeting and financial counseling; resume design; interviewing; and computer skills.

2) PADS shelter program through which overnight shelter and meals are provided October through April at partner faith-based sites.

3) Pathways Housing Readiness program to address critical needs and work with persons under individualized plans to work toward permanent housing.

4) Interim Housing program which provides shelter in the newly constructed Journey's building to provide a safe place to sleep, a warm dinner and breakfast, and counseling and workshops for persons and families experiencing homelessness. Interim Housing also helps people who have higher barriers to housing stability or have difficultly accessing PADS shelter for reasons such as mental health or behavior issues, physical disabilities, and substance use disorders.

WINGS Program: The WINGS program provides emergency shelter and translational housing for victims of domestic violence. The WINGS emergency shelter, Safe House, also helps residents access critical services such as counseling, legal advocacy, and assistance securing orders of protection.

Describe consultation with the Continuum(s) of Care that serves the jurisdiction's area in determining how to allocate ESG funds, develop performance standards and evaluate outcomes, and develop funding, policies and procedures for the administration of HMIS

Cook County is the ESG entitlement jurisdiction for suburban Cook County where Arlington Heights is located. The Village, the Continuum of Care agency, homeless service providers, and others may participate in the process of determining how Cook County will use ESG funds through Cook County's public participation process.

The Alliance to End Homelessness in Suburban Cook County is the HMIS lead for Suburban Cook County. The Alliance has an HMIS committee that reviews the HMIS policy manual annually and recommends changes, if needed, for adoption by the Alliance Board.

2. Describe Agencies, groups, organizations and others who participated in the process and describe the jurisdictions consultations with housing, social service agencies and other entities

Table 2– Agencies, groups, organizations who participated

1	**Agency/Group/Organization**	ALLIANCE TO END HOMELESSNESS IN SUBURBAN COOK COUNTY
	Agency/Group/Organization Type	Services-homeless Continuum of Care Coordinator
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Market Analysis Strategic Plan
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Department of Planning & Community Development consulted with the Alliance to End Homelessness in Suburban Cook County which is suburban Cook County's homeless continuum of care coordinator. The Alliance provided its 2024 Alliance Fact Sheet and the 2024 Homeless Inventory Chart (HIC), which includes Point-in-Time (PIT) data for suburban Cook County. The Alliance's calculation was that Arlington Heights clients represented 2.4% of the homeless and at-risk-of-homelessness clients served in suburban Cook County as shown in HMIS for the October 2023 through September 2024 period.
2	**Agency/Group/Organization**	Village of Arlington Heights
	Agency/Group/Organization Type	Agency - Managing Flood Prone Areas Agency - Management of Public Land or Water Resources Agency - Emergency Management Other government - Local
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Economic Development Market Analysis

	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Department of Planning and Community Development consulted within the department with respect to planners' specialties (ex. housing development, economic development, etc.) and other Village departments including Health and Human Services, Public Works, Police, and Fire throughout the development of this Consolidated Plan. The Department of Public Works manages the Village's flood prone areas, public land, and water resources. The Village Fire Chief is responsible for maintaining the Village's Emergency Operations Plan which would be relied on by all Village departments in the event of a man-made or natural disaster. Communication took place primarily via telephone calls, emails, and in-person meetings.
3	**Agency/Group/Organization**	U.S. Department of Housing and Urban Development
	Agency/Group/Organization Type	Other government - Federal
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Market Analysis
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Department of Planning and Community Development worked with the HUD Region V Office to address topics in the Consolidated Plan and regarding content requirements.
4	**Agency/Group/Organization**	COOK COUNTY
	Agency/Group/Organization Type	Other government - County
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Economic Development Market Analysis
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Department of Planning and Community Development consulted with the Planning Department of Cook County, including administrators of the Cook County HOME Consortium, regarding community needs particularly in the area of affordable housing.
5	**Agency/Group/Organization**	Northwest Suburban CDBG Network
	Agency/Group/Organization Type	Other government - Local

	What section of the Plan was addressed by Consultation?	Housing Need Assessment Market Analysis
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Department of Planning and Community Development works closely with fellow members of the NW Suburban CDBG Network: Village of Mount Prospect, Village of Palatine, Village of Hoffman Estates, Village of Schaumburg, Village of Skokie, and City of Des Plaines. These communities work together to align goals, share data, and coordinate implementation of Consolidated Plans.
6	**Agency/Group/Organization**	Cook County Department of Public Health
	Agency/Group/Organization Type	Health Agency Other government - County
	What section of the Plan was addressed by Consultation?	Lead-based Paint Strategy
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Cook County Department of Public Health was consulted with regard to lead poisoning issues including lead poisoning prevention and testing.
7	**Agency/Group/Organization**	Arlington Heights Housing Commission
	Agency/Group/Organization Type	Civic Leaders
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Market Analysis
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Planning and Community Development Department consults on a monthly basis with the Village's Housing Commission. The Housing Commission advises the Village Board of Trustees on matters related to creating and preserving affordable housing in Arlington Heights.
8	**Agency/Group/Organization**	JOURNEYS-THE ROAD HOME
	Agency/Group/Organization Type	Services-homeless

	What section of the Plan was addressed by Consultation?	Housing Need Assessment Homelessness Strategy Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Needs - Veterans Homelessness Needs - Unaccompanied youth Anti-poverty Strategy
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Department of Planning and Community Development consulted with Journeys|The Road Home regarding homeless and at-risk needs in the community. This consultation included a on-site and discussion with Journeys staff on December 3, 2024. Staff from Arlington Heights, the other Northwest suburban CDBG grantees, and HUD visited participated in the December 3, 2024 meeting at which homelessness needs and the agencies' programs were discussed.
9	**Agency/Group/Organization**	Public Service Organizations
	Agency/Group/Organization Type	Housing Services - Housing Services-Children Services-Elderly Persons Services-Persons with Disabilities Services-Persons with HIV/AIDS Services-Victims of Domestic Violence Services-homeless Services-Health Services-Education Services-Employment Service-Fair Housing Services - Victims
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Public Housing Needs Homelessness Strategy Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Needs - Veterans Homelessness Needs - Unaccompanied youth Non-Homeless Special Needs Market Analysis

	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	Public service organizations receiving CDBG funding have an ongoing dialogue with the Village regarding the needs in our community. These organizations submitted public service grant applications for the PY 2025 year that contained information on public service needs. The agencies were invited to attend a public hearing on June 10, 2024 concerning the PY25 Annual Action Plan. These agencies were: Family Forward, Children's Advocacy Center, Connections to Care, Life Span, WINGS, Suburban Primary Health Care, Northwest Center Against Sexual Assault, Journeys|The Road Home, and Northwest Compass.
10	**Agency/Group/Organization**	HOUSING AUTHORITY OF COOK COUNTY
	Agency/Group/Organization Type	PHA
	What section of the Plan was addressed by Consultation?	Public Housing Needs
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Department of Planning and Community Development consulted with the Cook County Housing Authority (HACC) with respect to housing needs and the operation/effectiveness of the Housing Choice Voucher and Project Based Voucher Programs in Arlington Heights. This consultation has led to increased coordination between the HACC and the Village with the HACC having indicated that the number 1 thing the Village can do to further its mission is to support HACC beneficiaries in integrating into the community.
11	**Agency/Group/Organization**	CLEARBROOK CENTER
	Agency/Group/Organization Type	Housing Services-Persons with Disabilities
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Non-Homeless Special Needs

	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	Clearbook is a provider of housing (Community Integrated Living Arrangement) for adults with disabilities. Clearbrook is a past recipient of CDBG funds used to make improvements to their CILA homes in Arlington Heights. Information concerning need is provided by the agency including during a presentation to the Village's Housing Commission on November 20, 2024. This information informed the needs assessment and strategic plan of this Consolidated Plan.
12	**Agency/Group/Organization**	LITTLE CITY FOUNDATION
	Agency/Group/Organization Type	Housing Services-Persons with Disabilities
	What section of the Plan was addressed by Consultation?	Housing Need Assessment
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	Little City Foundation is a provider of housing (Community Integrated Living Arrangement) for adults with disabilities. Little City Foundation is a past recipient of CDBG funds used to make improvements to their CILA homes in Arlington Heights. Information concerning need is provided by the agency including during a presentation to the Village's Housing Commission on November 20, 2024. This information informed the needs assessment and strategic plan of this Consolidated Plan.
13	**Agency/Group/Organization**	Shelter Inc.
	Agency/Group/Organization Type	Housing Publicly Funded Institution/System of Care
	What section of the Plan was addressed by Consultation?	Housing Need Assessment

	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	Shelter Inc. is the provider and operator of a house in Arlington Heights that provides transitional housing for young men being released from the child welfare system. Shelter Inc. is a past recipient of CDBG funds used to make improvements to this home in Arlington Heights. Information concerning need is provided by the agency including during a presentation to the Village's Housing Commission on November 20, 2024. This information informed the needs assessment and strategic plan of this Consolidated Plan.
14	**Agency/Group/Organization**	Chicago Metropolitan Agency for Planning (CMAP)
	Agency/Group/Organization Type	Regional organization Planning organization
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Economic Development Market Analysis
	How was the Agency/Group/Organization consulted and what are the anticipated outcomes of the consultation or areas for improved coordination?	The Chicago Metropolitan Agency for Planning (CMAP) was consulted for data used to analyze community conditions and needs. CMAP's On to 2050 goals to strengthen communities, with respect to housing and economic development, is particularly relevant to the development of the Consolidated Plan strategic plan and goals. The Village intends to continue coordination with CMAP in order to be a part of Chicago regional planning.

Identify any Agency Types not consulted and provide rationale for not consulting

The Village operates an open consultation process. Consultations with many agency types occurred. The Village is not aware of any agency types not consulted.

Other local/regional/state/federal planning efforts considered when preparing the Plan

Name of Plan	Lead Organization	How do the goals of your Strategic Plan overlap with the goals of each plan?
Continuum of Care	Alliance to End Homelessness in Suburban Cook County	The data and strategic planning document regarding homeless needs, shelter facilities, and services informed the goals of the strategic plan.
Village of Arlington Heights Comprehensive Plan	Village of Arlington Heights	The Comprehensive Plan is a public document which establishes an overall strategy to guide the growth and development of our community. It is a policy statement aimed at the unified and coordinated physical and social development of Arlington Heights. The Comprehensive Plan includes the future Land Use Map, Official Map, and area specific plans such as the Downtown Master Plan and other Redevelopment Plans, Corridor Studies, and Annexation Studies. Comprehensive Planning is the process by which the Village amends the Comprehensive Plan and Land Use Map and the Comprehensive Planning Program Map as well as the Official Map. Each year, the Village reviews the Comprehensive Plan to determine if changes are necessary. In addition, specific redevelopment plans, corridor studies, and annexation studies are adopted by the Village as necessary. The Comprehensive Plan contains a section regarding housing. The goals of the Comprehensive Plan are consistent with the goals of the Consolidated Plan.
Inclusionary Housing Guidelines	Village of Arlington Heights	The policies contained in these Guidelines explain the number of affordable units that the Village expects developers to provide in new, for-sale and rental residential developments. Under certain circumstances, an option is provided whereby developers may pay a fee-in-lieu of providing the affordable units. Funds collected are deposited in the Village's Affordable Housing Trust Fund to be used to maintain existing affordable units or create new affordable units. The goals in the Inclusionary Housing Ordinance and Guidelines extend beyond those that would be possible using only the Federal funding available to the Village.

Name of Plan	Lead Organization	How do the goals of your Strategic Plan overlap with the goals of each plan?
Homes for a Changing Region	Chicago Metropolitan Agency for Planning	The Homes for a Changing Region report includes data on housing needs and includes recommendations for strategies for each of the member communities included in the report as for the 5-community area as a whole. The goals in the Strategic Plan are consistent with the needs and strategies in the Homes for a Changing Region report. Although this report was produced in 2013, it contains relevant information and useful recommendations that overlap with this Consolidated Plan.
Senior Housing Needs Assessment	Northwest Suburban Housing Collaborative	The Senior Housing Needs Assessment includes and analysis of senior housing needs in each of the 5 member communities of the Northwest Suburban Housing Collaborative and the 5-community area as a whole. The goals of the Strategic Plan are consistent with the needs and recommended strategies in the Senior Housing Needs Assessment. Although this report was produces in 2013, it contains relevant information and useful recommendations that overlap with this Consolidated Plan.
On to 2050	Chicago Metropolitan Agency for Planning	The goals of the Strategic Plan are consistent with the On To 2050 Comprehensive Plans of the Chicago Metropolitan Area.
Public Housing Plan	Housing Authority of Cook County	The Village reviewed the Housing Authority's Plan with respect to public housing in Arlington Heights. The Village's Strategic Plan supports the Housing Authority's plan to improve public housing and extend services to beneficiaries of public housing programs.
Capital Improvement Plan (CIP)	Village of Arlington Heights	The CIP is a financial planning, budgeting, and management tool that identifies public facility, infrastructure, and equipment replacement and repairs, and schedules these requirements for funding and implementation. The development of the CIP consists of staff input, discussions of public input, and a review process leading to two products: a capital improvement plan and a capital improvement budget. The goals of the Consolidated Plan are consistent with the CIP and the Strategic Plan calls for the implementation of certain, eligible projects that are part of the CIP.

Name of Plan	Lead Organization	How do the goals of your Strategic Plan overlap with the goals of each plan?
Community Economic Development Strategy	Cook County	The Cook County CEDA provides data that is useful in planning efforts in the Village of Arlington Heights and there is overlap between the goals and strategies in the Cook County CEDS and Village goals and strategies.

Table 3– Other local / regional / federal planning efforts

Describe cooperation and coordination with other public entities, including the State and any adjacent units of general local government, in the implementation of the Consolidated Plan (91.215(l))

The Village of Arlington Heights works closely and is in regular contact with the other CDBG entitlement communities in the Northwest suburbs of Chicago. The Village of Arlington Heights, the City of Des Plaines, the Village of Mount Prospect, the Village of Palatine, the Village of Schaumburg, the Village of Hoffman Estates, and the Village of Skokie consult with each other regarding common needs and resources and with respect to the implementation of their Consolidated Plans. These municipalities often provide CDBG funds to some of the same subrecipients.

The Village works regularly with the government of Cook County including as a member of the Cook County HOME Consortium. The Village worked with Cook County and several of the other Northwest CDBG entitlement jurisdictions on a public facilities project to renovate the Children's Advocacy Center's main service center. The Village of Arlington Heights is a past recipient of HOME funds for a first-time homebuyer program. This program was ended, but the Village became a partner in the Assist homebuyer program and also refers potential homebuyers to the Illinois Housing Development Authority (IHDA) and the North West Housing Partnership for homebuyer resources.

The Village of Arlington Heights works with the State of Illinois' housing finance agency, the Illinois Housing Development Authority (IHDA). The Village collaborates with IHDA with respect to affordable housing projects funded in Arlington Heights, such as those receiving financing through the Low-Income Housing Tax Credit Program.

The Village has on-going communication with the Housing Authority of Cook County (HACC). Most recently, the HACC provided the Village with information concerning its mission and identified the numbers of tenant-based vouchers being used in the Village as well as the numbers and locations of project-based housing vouchers being used in the Village.

Narrative

The Village engaged in a wide range of consultations with stakeholders (as listed above) and reviewed relevant reports and documents. These consultations and reviews informed this Consolidated Plan's

Needs Assessment and Market Analysis which in turn were used to develop the Strategic Plan and 2025 Annual Action Plan.

PR-15 Citizen Participation - 91.105, 91.115, 91.200(c) and 91.300(c)

1. Summary of citizen participation process/Efforts made to broaden citizen participation
Summarize citizen participation process and how it impacted goal-setting

A full copy of the Village of Arlington Heights' Citizen Participation process is available from the Village of Arlington Heights Department of Planning and Community Development.

The Village requested information from the general public, units of government, and service provider agencies through an on-line “CDBG Community Needs Survey” that was posted on the Village’s website from March 17, 2025 - April 15, 2025. Notices concerning the survey were distributed through social media and direct mailed to all persons and agencies on the CDBG interested persons mailing list. Results of this survey are provided as an attachment to this Consolidated Plan. Public feedback was also provided through the Arlington Heights administration in 2023 of the National Citizens Survey (developed by the national Research Center (NRC) at Polco) and the Arlington Height Age-Friendly Initiative’s 2023 community survey.

Public hearings are to be held during the development of the Consolidated Plan on June 2, 2025 and (tentatively) July 21, 2025. The draft of the Consolidated Plan will be made available for a 30-day public comment period between these two public hearings. The Village publishes notices regarding the public hearings and public comment period in the *Daily Herald* newspaper and on the Village’s website. The Village has broadened its citizen participation process through use of its website and social media tools.

Input from individual representatives of agencies and organization was used in the development of the Consolidated Plan to assess needs, evaluate the housing market, and develop the Strategic Plan.

Citizen Participation Outreach

Sort Order	Mode of Outreach	Target of Outreach	Summary of response/attendance	Summary of comments received	Summary of comments not accepted and reasons	URL (If applicable)
1	Public Hearing	Non-targeted/broad community	A public hearing is scheduled for June 2, 2025 before the Village Board Committee of the Whole.	To be completed.	To be completed.	www.vah.com
2	30-day public comment period	Non-targeted/broad community	A 30-day public comment period is scheduled from June 6 - July 7, 2025 on the Draft 2025-2029 Consolidated Plan.	To be completed.	To be completed.	www.vah.com
3	Public Hearing	Non-targeted/broad community	A second public hearing is scheduled for (tentatively) July 21, 2025.	To be completed.	To be completed.	www.vah.com

Sort Order	Mode of Outreach	Target of Outreach	Summary of response/attendance	Summary of comments received	Summary of comments not accepted and reasons	URL (If applicable)
4	Internet Outreach	Non-targeted/broad community	An on-line 2025 CDBG Housing and Community Development Needs Survey was made available by the Village from March 17, 2025 - April 15, 2025. There were 169 responses.	The full results of the survey are attached to this Consolidated Plan.	The results of the survey were incorporated into this Consolidated Plan particularly with regard to affordable housing, public services, public facilities and infrastructure. Due to limited Federal funds, not all identified needs can be addressed with CDBG funds. Therefore, the survey results are available to Village Department to inform their plans and programs.	www.vah.com

Table 4– Citizen Participation Outreach

Needs Assessment

NA-05 Overview

Needs Assessment Overview

The Village collected information through its 2025 CDBG Housing and Community Needs Survey. According to this survey, the top three needs the communities believes should be addressed with CDBG funds are: affordable housing, crime prevention, and homeless prevention and support. The Consolidated Plan prioritizes affordable housing and homeless prevention support.

The 2023 Age-Friendly Communities Survey conducted by the Village's Senior Citizens Commission identified the three top needs of seniors in the Village as: 1) affordable housing; 2) transportation; and 3) communication about services and programs.

Due to the relatively small size of the Village's CDBG grant, crime prevention is addressed through the Police Department including through special projects and other grant sources. Other needs highlighted under this survey addressed through the Consolidated Plan are transportation for seniors to medical appointments and mental health services. The survey results have been shared with the Department of Public Works and the Village's Business Development Manager with regard to needs under those categories.

Other Special Housing/Non-Homeless needs include supportive housing (housing with services) or services alone. This is a high priority need area for CDBG funding. There are several non-profit agencies that provide Community Integrated Living Arrangement (CILA) homes, permanent supportive housing, and shelter care in Arlington Heights for non-homeless persons who are disabled or otherwise need services and support. This is a high priority need based on the long waiting lists for these homes.

The Consolidated Plan addresses the following areas of need. These need areas are designated as high, medium, or low with respect to the Village's plan to use CDBG fund to address the needs. Some of the need area of high priorities for the Village but are not expected to be addressed with CDBG funds.

Affordable Housing is a high priority need. Data below is from the HUD CHAS report based on the 2017-2021 US Census American Community Survey 5-year estimates unless otherwise noted.

There were 31,420 occupied housing units in Arlington Heights. Of those households, 8,635 (27.5%) met HUD's definition of extremely-low income (2,550 households), low-income (2,295 households), or moderate-income (3,790 households).

HUD CHAS data measures four housing problems:

1) Cost Burden: A household is cost burdened if its housing cost including utilities exceeds 30% of household income. A household is considered severely cost burdened if its housing cost including utilities exceeds 50% of household income.

2) Overcrowding: Is defined as more than one person per room in a dwelling.

3) Incomplete kitchen facilities

4) Incomplete plumbing facilities

Of Arlington Heights' 8,635 renter households, 3,295 rental households had at least one housing problem. Of the 17,875 owner households, 5,200 had at least one housing problem.

The data provided shows that, by far, the most prevalent housing problem is cost burden. Of the 3,570 extremely-low-, low-, and moderate-income renter households in the Village, 2,425 are cost burdened, and 1,200 are severely cost burdened. Of the 5,065 extremely-low-, low-, and moderate-income owner households, 3,465 are cost burdened and 2,130 are severely cost burdened. For additional details, see Section MA-05 of this Consolidated Plan.

Public housing needs were gathered through consultations with the Housing Authority of Cook County. According to the HACC the number of tenant-based Housing Choice Vouchers being used in the Village of Arlington Heights as of the end of January 2025 was 71 (assisting 101 persons). The number of Project Based Vouchers was 44. There are two other federally-assisted buildings in Arlington Heights. Cedar Village of Arlington Heights which contains 80 residential units for senior citizens and Linden Place which contains 190 units (110 family townhomes and 80 units in a senior building).

The HACC commented that the number one thing that the Village can do to support the HACC's mission is to reach out to and coordinate with the HACC tenants to improve their integration into the community.

Homelessness needs are also a high priority need area for CDBG funding.

The Continuum of Care (COC) entity for the Arlington Heights area is the Alliance to End Homelessness in Suburban Cook County. The last point-in-time homeless person count was conducted by the Alliance on January 31, 2024. On that date, there were 19 unsheltered persons and 415 sheltered persons in the North region of suburban Cook County in which Arlington Heights is located. The Alliance reports that the from 2023 to 2024, there was a 13% increase in overall homeless population. 4% increase in chronic homelessness, and 12% increase in homeless families with children. The Alliance's HMIS data for October 2023 through September 2024 shows that for the year October 2023 through September 2024 assistance was provided by member agencies to 359 Arlington Heights clients which was 2.4% of all clients assisted under the COC during that time.

The Village's Department of Health and Human Services has reported an increase in the number of homeless and at-risk persons and households seeking assistance through the Village and an inability to secure assistance for these persons through area agencies. This Department is working on improved collaboration with agencies and options for increasing homeless-response resources in Chicago's northwest suburbs.

Public Services is a high priority need area for the Village including for CDBG funding. The Village receives most of its information on public service needs in Arlington Heights from the non-profit agencies that apply to the Village for CDBG grant funding. CDBG regulations limit spending on public services to a "cap" of 15% of available CDBG funds. See Section NA-50 for additional information on public service needs.

Public Infrastructure and Facility needs are a high priority need for the Village. These needs are identified in the Village's Capital Improvement Program (CIP). The CIP addresses expended related to public buildings and land; equipment; sewer; traffic signals; water service; storm water control; streets/sidewalks; and municipal vehicles. See Section NA-50 for details.

Economic Development is a high priority of the Village of Arlington Heights. However, since economic development efforts are funded by other Village resources, economic development is a low priority in the Consolidated Plan for CDBG funding. See Section NA-45 for information about economic development.

Planning & Administration is a high priority need area for CDBG funding. The Village will continue to utilize a portion of its CDBG funding, under the administration cost "cap" for staff and other cost related to the qualification for and administration of the Village's CDBG entitlement grant.

NA-50 Non-Housing Community Development Needs - 91.415, 91.215 (f)

Describe the jurisdiction's need for Public Facilities:

Village public buildings in the Village of Arlington Heights include its village hall, police station, fire stations, public parking facilities, and public works building and facilities. In recent decades, the Village has constructed a new Village Hall, police department building, central fire station, and public works building. It also upgraded and expanded its public parking structures. These projects enable the Village to provide high levels of coordinated services to the public. The Village prioritizes the maintenance of the new buildings and older buildings (ex. district fire houses) in order to prolong their useful lives and adapt to new technologies.

In 2022, the Village completed a Senior Center Space Utilization, Modernization, and Programming Plan for its now 30-year-old Senior Center. This building is included in the CIP for renovation in the future.

Other community facilities in Arlington Heights include schools, park and recreation facilities, health care facilities, and libraries. The entities that own and operate these facilities have also renovated, expanded, and constructed new facilities in recent years. They work to anticipate and respond to changes in community needs and demographics.

Facilities for persons with special needs such as facilities for the homeless or domestic violence shelters, nursing homes, or group homes for the disabled are categorized by HUD as public facilities. These facilities may be owned by non-profit organizations. There are on-going needs for additional facilities of these types and the for maintenance and renovation of existing facilities.

How were these needs determined?

The needs with respect to Village-owned facilities are determined through the Village's Capital Improvement Plan (CIP) process. The CIP is a financial planning, budgeting, and management tool that identifies public facility, infrastructure, and equipment replacement and repairs, and schedules these requirements for funding and implementation. The five-year CIP process is completed on a biennial basis as part of the Village's planning and budgeting process. The development of the CIP consists of staff input and input from public surveys. The version of the CIP in place at the time of the creation of this Consolidated Plan was the 2023-2027 CIP. Public input into this CIP included 221 responses to the 2022 CIP public survey. The CIP is evaluated and approved by the Village Board of Trustees.

The Village also consulted with local non-profit organizations concerning the need for additional and improved public facilities for persons who are homeless, who are at-risk of homelessness, and persons with special needs. Input from these agencies was also received through grant applications to the Village for CDBG funding.

Describe the jurisdiction's need for Public Improvements:

One of the strategic priorities of the Village Board is to maintain focus on the long-term design, construction, and maintenance of the Village's infrastructure program. Aside from buildings, the categories of public improvements addressed by the Village in order of funding amount (highest to lowest) are: 1) Streets/sidewalks/crosswalks; 2) water service; 3) equipment; 4) vehicles; 5) storm water system; 6) sewer system; and 7) traffic signals/control.

Key projects are developed on an annual basis as guided by the CIP. Among the priorities discussed in the current CIP are: 1) to keep annual spending on street maintenance to keep the Village's streets in good condition; 2) implement a new American Disabilities Act (ADA) sidewalk maintenance program for the downtown to correct compliance issues as streets and sidewalks are repaired or replaced; 3) several corridor enhancement programs; 4) evaluate the use of electric vehicles in across Village departments; 5) enhance storm water control programs including continued operation of the Overhead Sewer Program to make improvements in homes that reduces the likelihood of sewer backup and storm sewer improvements in specified neighborhoods to improve drainage; 6) replacement of water mains; 7) replacement of lead service lines as required by the State of Illinois; and 8) maintenance to extend the service lives of the four municipal parking facilities.

The infrastructure needs most frequently raised in the 2022 public survey were: 1) requests for stop signs and speed bumps; 2) requests for street repaving; 3) sewer and storm water concerns; and 4) sidewalk, crosswalk, bike bath suggestions. The requests for specific services were evaluated and more general issues are addressed in the CIP under funded programs. The priorities listed above are consistent with the public input that was received.

How were these needs determined?

Public improvement needs are identified through the Capital Improvement Program Process. See the section above that describes the Capital Improvement Program process including the public survey process.

Describe the jurisdiction's need for Public Services:

Public service needs within the Village of Arlington Heights include, but are not limited to, senior services, youth programs, child abuse service, domestic violence and sexual assault services, health services, programs for persons with special needs, family support services, child care, substance abuse programs, literacy instruction, housing counseling, job training programs, and homeless services.

Jurisdictional needs for public services are addressed, in part, through the Village's Department of Health and Human Services. This department provides social services, nursing services, and assistance to senior citizens at the Village's Senior Center. Direct services to residents include assessments, counseling, case management, entitlement benefit application assistance, emergency financial

assistance, and nursing care for homebound. The Department also provides health education, health screenings, and immunizations. The Arlington Heights Senior Center is a hub for people 55 and over to thrive by learning new things, meeting new people, creating, volunteering, and exercising. Arlington Heights is a certified member of AARP's network of age-friendly communities, and has received national accreditation from the National Council on Aging (NCOA) Program of Excellence. The Senior Center offers a variety of programs, classes, and events.

Public services are also provided by the many non-profit organizations. Supportive services, in general, have been made a high priority for the Village's CDBG funding. However, the CDBG program limits the amount of CDBG funding for public services to 15% of the amount of the new grant year's funding plus program income received during the program year. The funding has been based on the requests for CDBG grant assistance submitted by the agencies.

How were these needs determined?

Public service needs are also documented through the Consolidated Plan and Annual Action Plan processes. Public service providers receiving CDBG funds submit applications for funding in which they describe the need for their services and in which they estimate the number of beneficiaries they expect to service in the coming program year. After grant awards, these agencies are required to submit quarterly beneficiary reports of the Arlington Heights Residents who have received services.

Housing Market Analysis

MA-05 Overview

Housing Market Analysis Overview:

According to the 2000 Census, the Village of Arlington Heights had a population of 76,031. There was a modest decrease in the population in 2010 to 75,101. According to the 2018-2022 American Community Survey 5-year estimates, the population of Arlington Heights rebounded to 76,794 people.

Household characteristics have changed significantly over the past 25 years. The emergence of non-traditional households and the decrease in family size as well as the aging of the population have been the most significant changes. According to 2017-2021 HUD CHAS data, the total number of occupied housing units in the Village was 31,420. Of the 31,420 households, 8,345 are renter households (26.6%) and 23,075 are owner households (73.4%).

The growth in new households and area employment opportunities will continue to exert demand for housing in Arlington Heights and keep the median home price of $396,500 well above the state average of $239,100 and the median gross rent amount of $1,660 above the state average amount of $1,179. (Source: 2018-2022 American Community Survey 5-year estimates).

While the traditional single-family detached residence is expected to continue to be the preferred housing choice in Arlington Heights in the future, alternative housing options (ex. townhomes) are becoming more available in the community in response to changing life styles and household characteristics.

The majority of housing units in Arlington Heights are single-family detached homes at 53.2%. Smaller attached single-family homes, duplexes and 3-unit to 19-unit multi-family buildings combined total 24.5% of all housing units. Multi-family units contained in buildings or developments of 20 or more units comprise 22.3% of the Village's housing units. Of all Arlington Heights households, 23,041 (72.7%) were owner-occupied and 8,642 (27.3%) were renter-occupied. (Source: 2018-2022 American Community Survey 5-year estimates).

According to *Homes for a Changing Region Phase 3: Implementing Balanced Housing Plans at the Local Level; Year Six: Arlington Heights, Buffalo Grove, Mount Prospect, Palatine, and Rolling Meadows* (p.21, 2013), “Single-family homes tend to be owner occupied. Multi-family units supply Arlington Heights with 87 percent of its rental stock. As an occupant’s income rises, so does the likelihood of ownership.”

Although the Village of Arlington Heights continues to see new construction of housing units, a large segment of the housing stock was constructed in a tremendous period of growth during mid-20th century with 77.8% of the housing stock having been constructed between 1940 and 1989. Aging housing stock leads to increases in home maintenance costs. As some housing units deteriorate and

housing choices change, modest housing units have been torn-down and replaced with larger more costly homes thereby reducing the availability of affordable housing. (Source: 2018-2022 American Community Survey 5-year estimates).

Extremely-Low-, Low-, and Moderate-Income Population: The information provided below is from HUD CHAS data based on the 2017-2021 American Community Survey 5-year estimates.

According to the HUD CHAS data, a total of 8,635 of Arlington Heights households (27.5%) were extremely-low-, low- or moderate-income as compared to the Chicago-Elgin-Naperville area. Of these households, 2,550 were extremely-low-income, 2,295 were low-income, and 3,790 were moderate-income. Of the 8,635 extremely-low-, low-, and moderate-income households, 5,065 were home owner households (21.9% of all owner-occupied household), and 3,570 households were renter households (42.7% of all renter households).

According to HUD CHAS data, 8,495 of Arlington Heights households (5,200 owner households and 3,295 renter households) had at least one housing problem. Of the 8,495 Arlington Heights households with at least one housing problem, 7,925 were cost burdened and of those 3,700 were severely cost burdened. Cost burdened households may also be overcrowded or lacking complete kitchens and plumbing although the primary housing problem in Arlington Heights is cost burden.

Home Owner Households

Of the total of 1,310 extremely-low-income homeowner households, 1,140 had at least one housing problem. All 1,140 were cost burdened of which 890 were severely cost burdened.

Of the total 1,495 low-income homeowner households, 1,185 had at one housing problem. All 1,185 were cost burdened of which 820 were severely cost burdened.

Of the total 2,260 moderate-income homeowner households, 1,150 had at least one housing problem. Of the 1,150, 1,140 are cost burdened of which 420 were severely cost burdened.

Renter Households

Of the total 1,240 extremely-low-income renter households, 840 had at least one housing problem. All 840 (845 on CHAS data more than 100%) were cost burdened of which 785 were severely cost burdened.

Of the total 800 low-income renter households, 590 had at one housing problem. All 590 were cost burdened of which 325 were severely cost burdened.

Of the total 1,540 moderate-income renter households, 1,135 had at least one housing problem. Of these, 990 were cost burdened of which 90 were severely cost burdened.

Additional housing data may be found in the attached April 2025 Arlington Heights Local Housing Profile compiled by the Chicago Metropolitan Agency for Planning and the Institute for Housing Studies of DePaul University.

Arlington Heights Owner Households – Housing Problem and Cost Burden

	Owners with at Least One Housing Problem	Cost Burdened Owners	Severely Cost Burdened Owners
Extremely Low Income	1,140	1,140	890
Low Income	1,185	1,185	820
Moderate Income	1,150	1,140	420
Total Extremely Low, Low & Moderate Income	3,475	3,465	2,130
Middle/Upper Income	1,720	1,586	275

Arlington Heights Renter Households – Housing Problem and Cost Burden

	Renter with at Least One Housing Problem	Cost Burdened Renters	Severely Cost Burdened Renters
Extremely Low Income	840	845	785
Low Income	590	590	325
Moderate Income	1,135	990	90
Total Extremely Low, Low & Moderate Income	2,565	2,425	1,200
Middle/Upper Income	730	435	95

MA-45 Non-Housing Community Development Assets - 91.410, 91.210(f)

Introduction

The Village of Arlington Heights has strong non-housing assets which make Arlington Heights a desirable community. These assets include business activity, high quality educational institutions, and a highly educated workforce.

Economic Development Market Analysis

Business Activity

Business by Sector	Number of Workers	Number of Jobs	Share of Workers %	Share of Jobs %	Jobs less workers %
Agriculture, Mining, Oil & Gas Extraction	33	0	0	0	0
Arts, Entertainment, Accommodations	3,080	3,220	10	9	-1
Construction	1,550	2,103	5	6	1
Education and Health Care Services	5,796	13,521	18	37	19
Finance, Insurance, and Real Estate	3,000	2,713	9	7	-2
Information	752	716	2	2	0
Manufacturing	3,290	1,697	10	5	-5
Other Services	1,333	1,454	4	4	0
Professional, Scientific, Management Services	5,213	4,412	16	12	-4
Public Administration	0	0	0	0	0
Retail Trade	3,720	4,299	12	12	0
Transportation and Warehousing	1,476	263	5	1	-4
Wholesale Trade	2,553	2,184	8	6	-2
Total	31,796	36,582	--	--	--

Table 5 - Business Activity

Data Source: 2013-2017 ACS (Workers), 2017 Longitudinal Employer-Household Dynamics (Jobs)

Labor Force

Total Population in the Civilian Labor Force	39,897
Civilian Employed Population 16 years and over	38,440
Unemployment Rate	3.66
Unemployment Rate for Ages 16-24	9.09
Unemployment Rate for Ages 25-65	2.46

Table 6 - Labor Force

Data Source: 2013-2017 ACS

Occupations by Sector	Number of People
Management, business and financial	15,185
Farming, fisheries and forestry occupations	1,310
Service	2,200
Sales and office	7,935
Construction, extraction, maintenance and repair	1,560
Production, transportation and material moving	1,335

Table 7 – Occupations by Sector

Data Source: 2013-2017 ACS

Travel Time

Travel Time	Number	Percentage
< 30 Minutes	18,041	54%

Travel Time	Number	Percentage
30-59 Minutes	11,208	33%
60 or More Minutes	4,233	13%
Total	***33,482***	***100%***

Table 8 - Travel Time

Data Source: 2013-2017 ACS

Education:

Educational Attainment by Employment Status (Population 16 and Older)

Educational Attainment	In Labor Force		
	Civilian Employed	Unemployed	Not in Labor Force
Less than high school graduate	755	90	340
High school graduate (includes equivalency)	3,740	170	1,115
Some college or Associate's degree	6,515	200	1,280
Bachelor's degree or higher	21,755	510	3,170

Table 9 - Educational Attainment by Employment Status

Data Source: 2013-2017 ACS

Educational Attainment by Age

	Age				
	18–24 yrs	25–34 yrs	35–44 yrs	45–65 yrs	65+ yrs
Less than 9th grade	0	194	64	345	409
9th to 12th grade, no diploma	320	120	69	400	409
High school graduate, GED, or alternative	1,075	830	1,065	3,140	3,590
Some college, no degree	1,055	789	1,205	3,205	3,235
Associate's degree	145	650	610	1,535	930
Bachelor's degree	845	3,680	4,170	7,545	3,565

	Age				
	18–24 yrs	25–34 yrs	35–44 yrs	45–65 yrs	65+ yrs
Graduate or professional degree	55	1,575	3,320	5,149	2,585

Table 10 - Educational Attainment by Age

Data Source: 2013-2017 ACS

Educational Attainment – Median Earnings in the Past 12 Months

Educational Attainment	Median Earnings in the Past 12 Months
Less than high school graduate	58,887
High school graduate (includes equivalency)	119,240
Some college or Associate's degree	122,648
Bachelor's degree	192,661
Graduate or professional degree	260,656

Table 11 – Median Earnings in the Past 12 Months

Data Source: 2013-2017 ACS

Based on the Business Activity table above, what are the major employment sectors within your jurisdiction?

The top six major employment sectors in the Village of Arlington Heights are: 1) Education and Health Care Services; 2) Professional, Scientific, and Management Services; 3) Retail Trade; 4) Manufacturing; 5) Arts, Entertainments and Accommodations; and 6) Finance, Insurance and Real Estate.

Describe the workforce and infrastructure needs of the business community:

In April 2023, the Village of Arlington Heights conducted its first ever National Citizen Survey, which surveyed residents in order to provide feedback to Village Staff to help understand the community's needs and perspectives. The National Community Survey was developed bythe National Research Center (NRC) at Polco. This scientific assessment measures 10 facets of community livability including the economy.

When asked to assess priorities for the coming two years, residents offered high ratings on the importance of Arlington Heights' overall economic health. Over 8 in 10 respondents offered positive evaluations regarding the quality of Arlington Heights' overall economic health, the overall quality of business and service establishments, and the vibrancy of the Village's downtown/commercial areas. Arlington Heights' shopping opportunities were ranked higher than other communities around the nation, with over two-thirds of residents providing excellent or good ratings for shopping opportunities. Finally, three-quarters of residents gave favorable marks to Arlington Heights as a place to visit and Arlington Heights as a place to work.

While most ratings related to Arlington Heights' economy were similar to or higher than national benchmarks, results indicated that residents were less optimistic about their own personal economic outlook and the affordability of resources within the Village. The cost of living in Arlington Heights garnered positive evaluations from only 40% of respondents, and the availability of employment opportunities was viewed as excellent or good by fewer than 60% of residents, though both of these scores were in line with other communities. When asked what impact the economy would likely have on their family income in the next six months, only 17% anticipated that it would be very or somewhat positive. Overall, residents are satisfied with the current local economy in Arlington Heights; however, their high rankings for importance and low rankings for affordability and forward-looking indicators suggest that this area may warrant the Village's continued focus.

Describe any major changes that may have an economic impact, such as planned local or regional public or private sector investments or initiatives that have affected or may affect job and business growth opportunities during the planning period. Describe any needs for workforce development, business support or infrastructure these changes may create.

Since 2020, the Village has implemented and managed the Arlington Alfresco program. This involves the closure of two Downtown streets from May through September, creating a pedestrian-only event that allows for restaurants to expand their dining area into the streets. This has an economic impact of over $10 million over those five months, and is patronized by nearly 170,000 visitors annually.

United Airlines has relocated their operations center to Arlington Heights, and continues to relocate employees from other locations to this site. The company's employment within the Village is approximately 1,000.

The Arlington Park Racecourse has been demolished, and the 326-acre property is slated for future redevelopment.

Office vacancy in Arlington Heights is approximately 20%. The Village is looking at potential adaptive reuse options for several significant office properties with high vacancy.

How do the skills and education of the current workforce correspond to employment opportunities in the jurisdiction?

Arlington Heights has a highly educated workforce, with 59.4% of residents having a Bachelor's degree or higher. The Health Care industry makes up nearly 30% of the jobs within the community, notably from Northwest Community Healthcare which employs over 1,000 people within the Village. Arlington Heights also maintains an ongoing partnership with the Small Business Development Center at Harper College, which provides a host of free and low-cost services and programs to current and prospective Arlington Heights business owners, as well as SCORE which provides free mentoring opportunities for business owners. The Arlington Heights Municipal Library also offers a Business Center, providing access to trade journals, webinars, and online assistance tools to entrepreneurs.

Describe any current workforce training initiatives, including those supported by Workforce Investment Boards, community colleges and other organizations. Describe how these efforts will support the jurisdiction's Consolidated Plan.

The Village works with Harper College and High School District 214 on initiatives such as their apprenticeship programs to help place students on viable and non-traditional career paths. Arlington Heights also works with the Small Business Development Center at Harper College on providing assistance to entrepreneurs, as well as partnerships with the Arlington Heights Chamber of Commerce and Meet Chicago Northwest on direct assistance to business owners.

Does your jurisdiction participate in a Comprehensive Economic Development Strategy (CEDS)?

Yes

If so, what economic development initiatives are you undertaking that may be coordinated with the Consolidated Plan? If not, describe other local/regional plans or initiatives that impact economic growth.

The Village has been a participant in Cook County's development of the CEDS Plan. The Village of Arlington Heights also a formal economic development plan that is regularly updated to account for economic trends and strategies. Also, the Chicago Metropolitan Agency for Planning's

(CMAP) On to 2050 plan is designed to help facilitate economic growth throughout the Chicago metro area. It accounts for regional planning, economic development, and infrastructure.

Discussion

As describe above, The Village of Arlington Heights offers strong non-housing assets which make Arlington Heights a desirable community.

MA-50 Needs and Market Analysis Discussion

Are there areas where households with multiple housing problems are concentrated? (include a definition of "concentration")

The Village considers a population to have a disproportionate incidence of housing problems if the occurrence of housing problems is 10% or higher within that population than the percentage for the Village population as a whole. Of the race and ethnic groups for which CHAS Data (2016-2020) is available, the groups by race/ethnicity and income that had disproportionate levels of housing problems were:

1) Extremely-low income (0 - 30% of area median income) Asian and Hispanic residents,

2) Low-income (30 - 50% of area median income) Black or African-American residents,

3) Moderate-income (50 - 80% of area median income) Black or African-American and Hispanic residents, and

4) Middle-income (80 - 100% of area median income) Asian residents.

As discussed previously in this plan, housing cost burden is the primary housing problem experienced by extremely-low, low-, and moderate-income Arlington Heights residents. Map 1 shows the concentrations of extremely low-, low-, and moderate-income households with any of the 4 severe housing problems. Map 2 shows the concentrations of cost burdened households by Census Block Groups in Arlington Heights. Map 3 shows the concentration of extremely low-, low-, and moderate-income households that are severely cost burdened. These maps together indicate that the areas of cost burden are in the southernmost part of the Village and on the south side of Rand Rd.

Map 4 shows where overcrowded households are located. Again, the southernmost part of the Village is identified. Other areas are just south of Golf Rd., an area south toward the west side of the Village off of Rand Road, and the far northwest corner of the Village. These areas, with the possible exception of the area southwest of Rand Road, have in common that they are locations of multi-family housing.

Map 5 shows where areas of substandard housing are located. Only one area is identified which is along New Wilke Rd. north of Central Road (to the west of Northwest Community Hospital). The Village believes this area has been identified as containing substandard housing in error.

The map indicates that areas of concentration of cost burden are occurring throughout the Village including the southern-most part of the Village, an area south of Central Road (toward the east) and north of central road (toward the west), and south of Rand Road (both east and west of Arlington Heights Road.

Are there any areas in the jurisdiction where racial or ethnic minorities or low-income families are concentrated? (include a definition of "concentration")

Maps 6, 7, 8, and 9 show concentrations of White, Black/African American, Asian, and Hispanic households (respectively). When comparing these race/ethnicity maps to Maps 1 - 5, there is overlap between concentrations of Black/African American, Asian and Hispanic households and concentrations of cost burden, severe cost burden, and overcrowding, primarily in the areas south of Golf Road, south of (toward the east) of Central Road, area south toward the west side of the Village off of Rand Road, and the far northwest corner of the Village.

What are the characteristics of the market in these areas/neighborhoods?

The areas of minority and low-income concentration tend to be areas of the Village with concentrations of multi-family, rental housing. Higher density housing leads to a higher concentration of residents and higher demand for services.

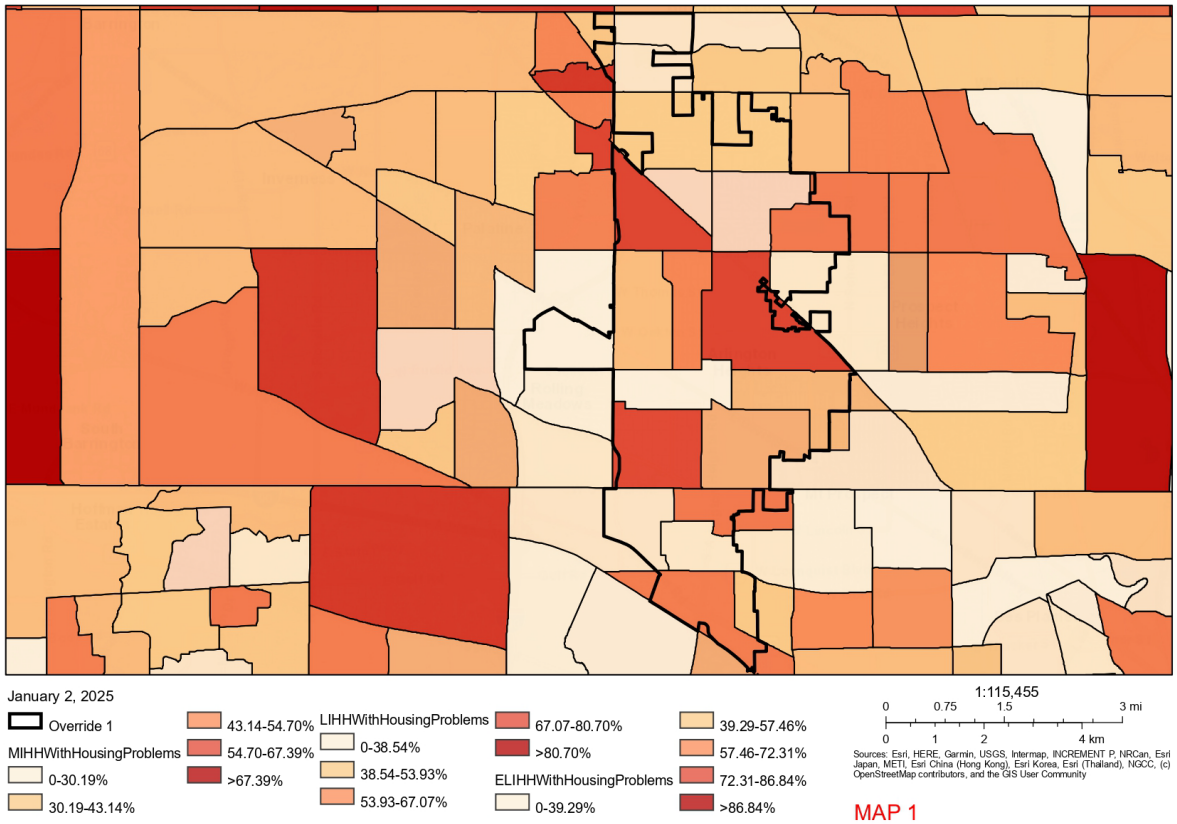
Are there any community assets in these areas/neighborhoods?

The availability of community assets such as high-quality schools, parks, and infrastructure are available in all areas/neighborhoods in the Village including these areas.

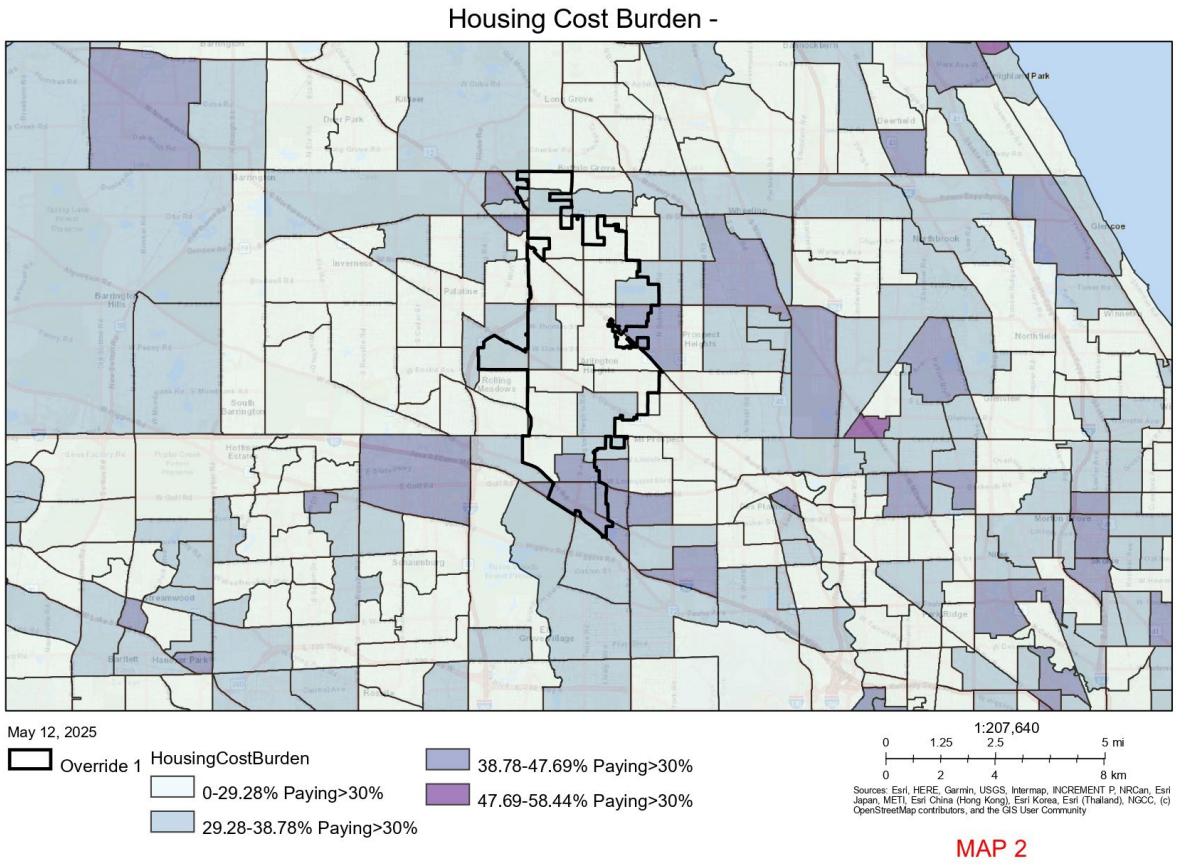
Are there other strategic opportunities in any of these areas?

Strategic opportunities available in these areas include easy access to highways (to reach job opportunities) and an active business district on the Algonquin Road corridor. The Village evaluates the condition of infrastructure in all areas of the Village with particular attention to the CDBG-eligible areas for potential improvements.

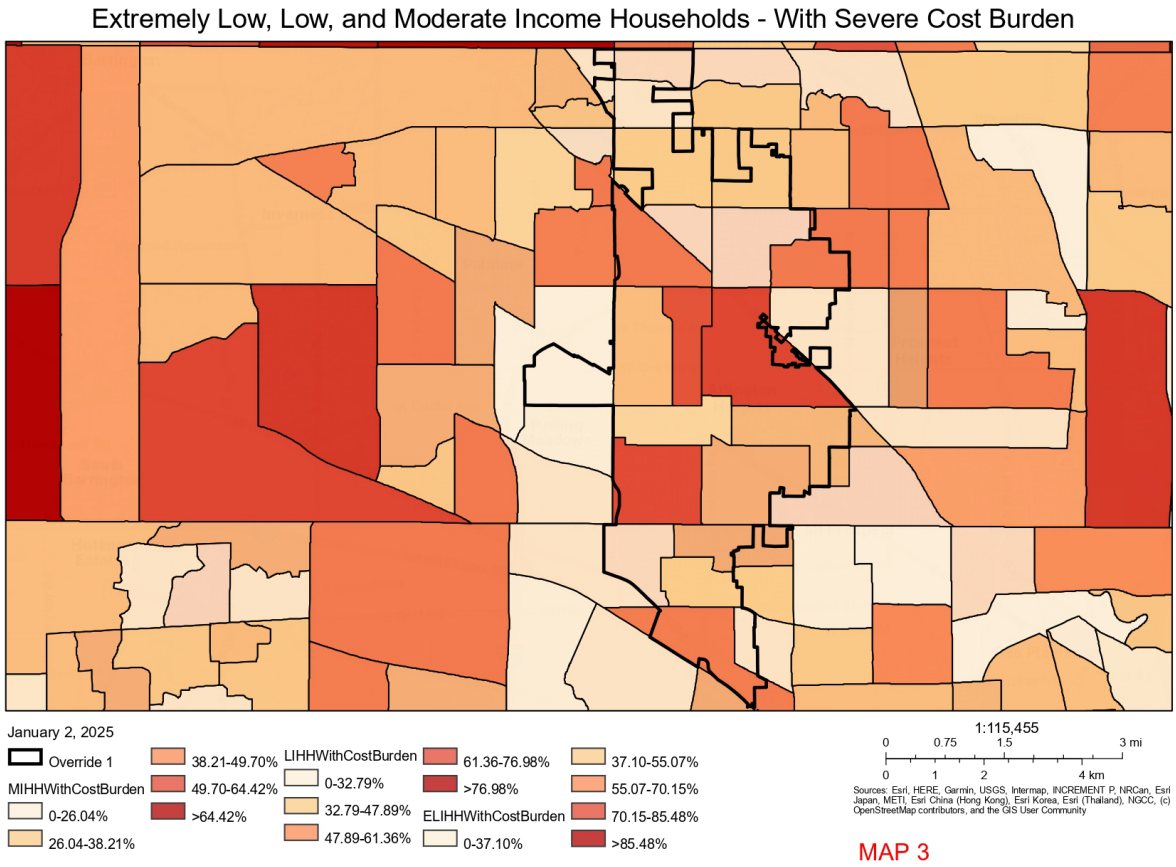
Extremely Low, Low, and Moderate Income Households - With Any of the 4 Severe Housing Problems



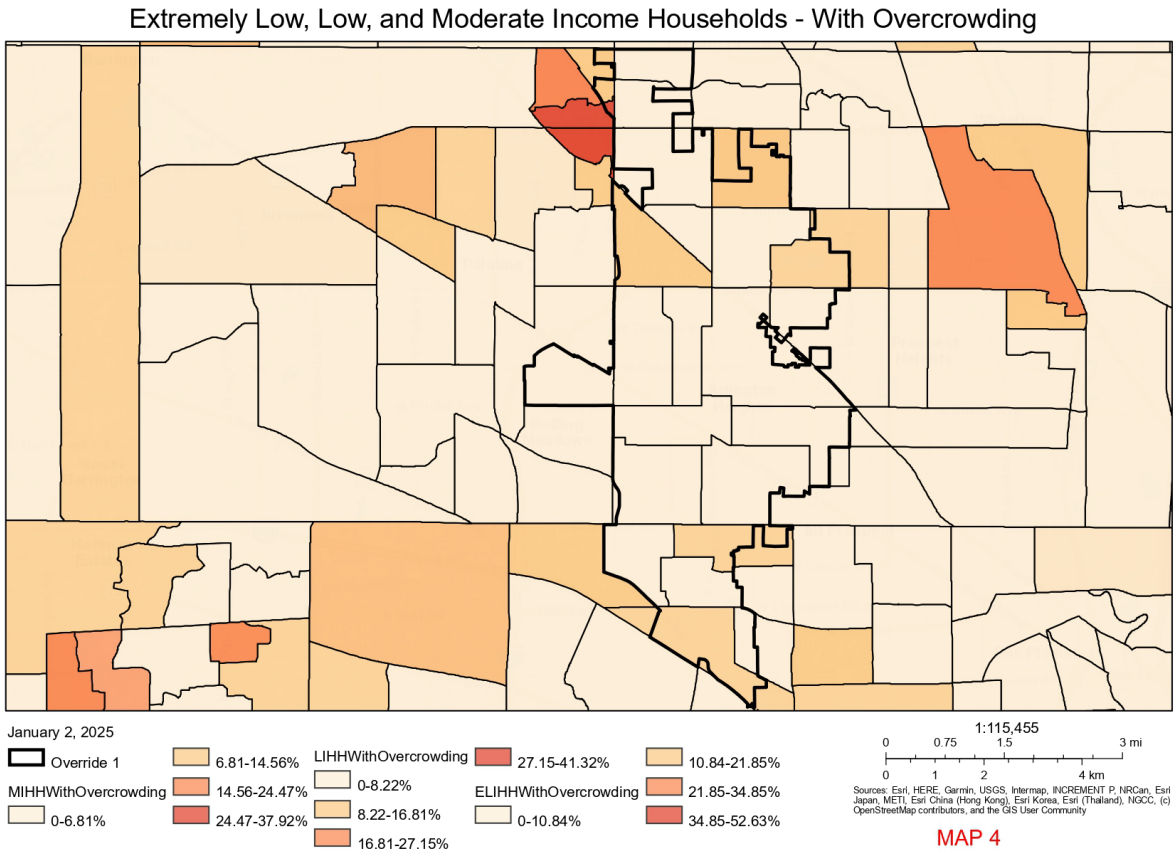
Map 1 Percentages by Income with At Least 1 Severe Housing Problem



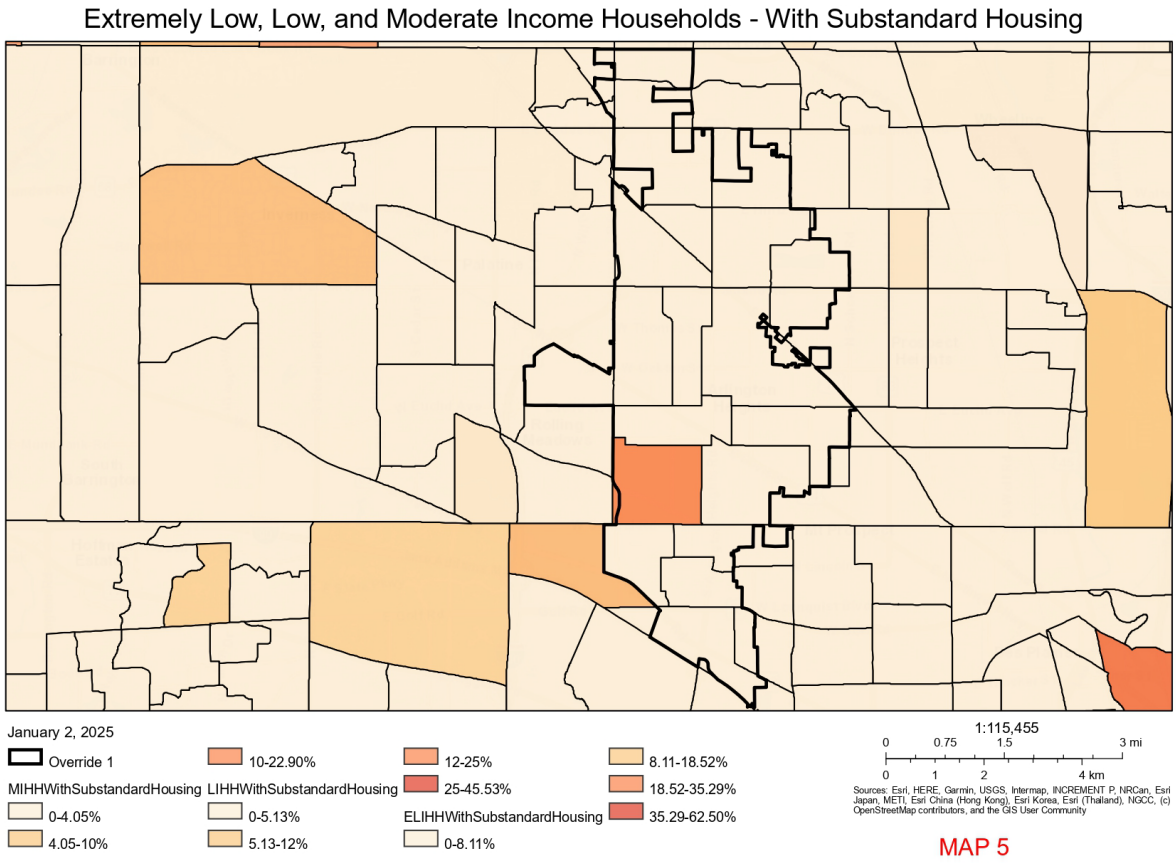
Map 2 Percentages of Cost Burdened Households



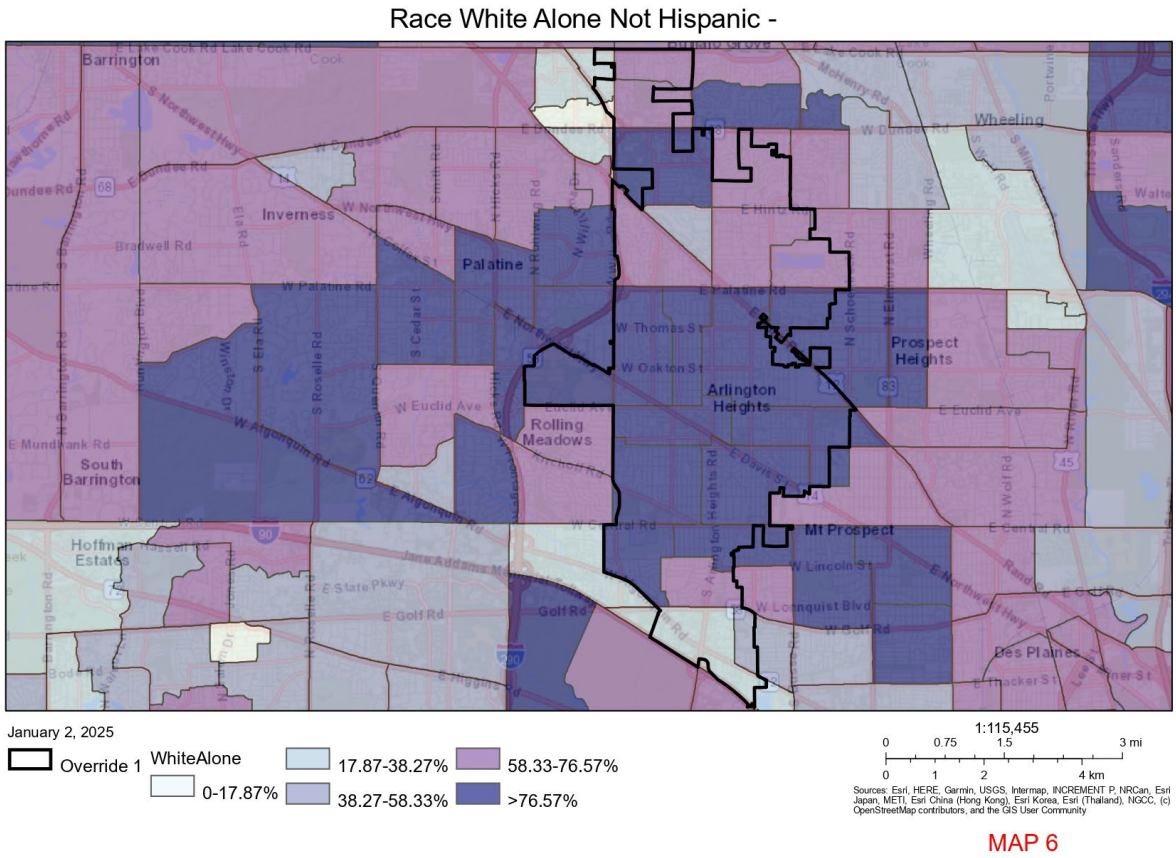
Map 3 Percentages by Income with Severe Cost Burden



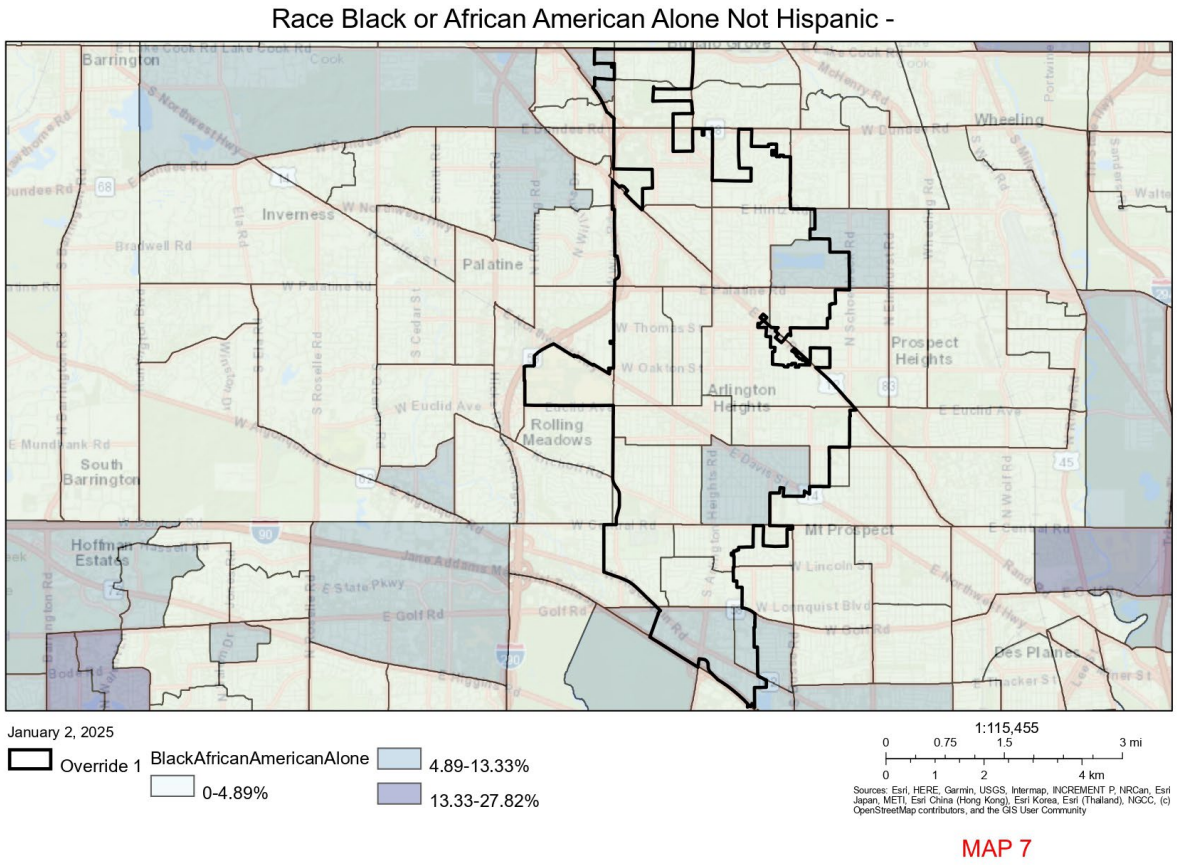
Map 4 Percentages by Income with Overcrowding



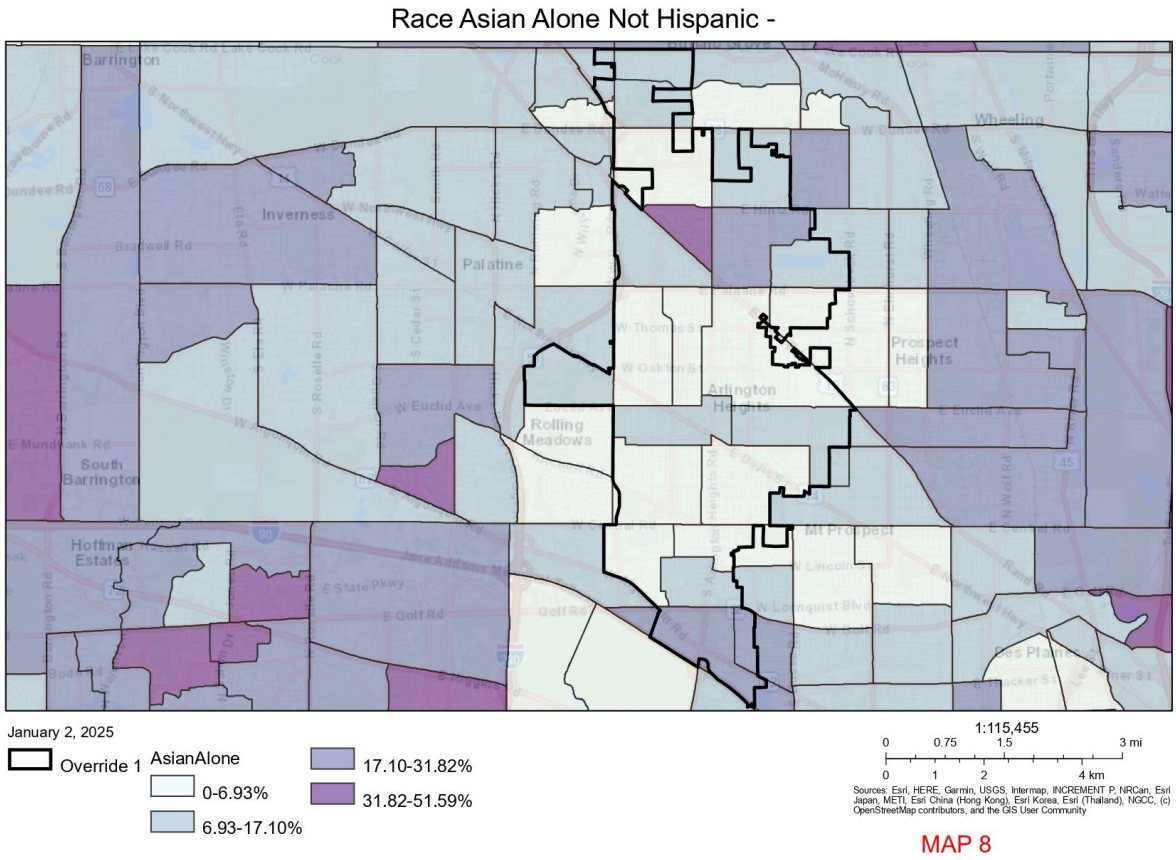
Map 5 Percentages by Income with Substandard Housing



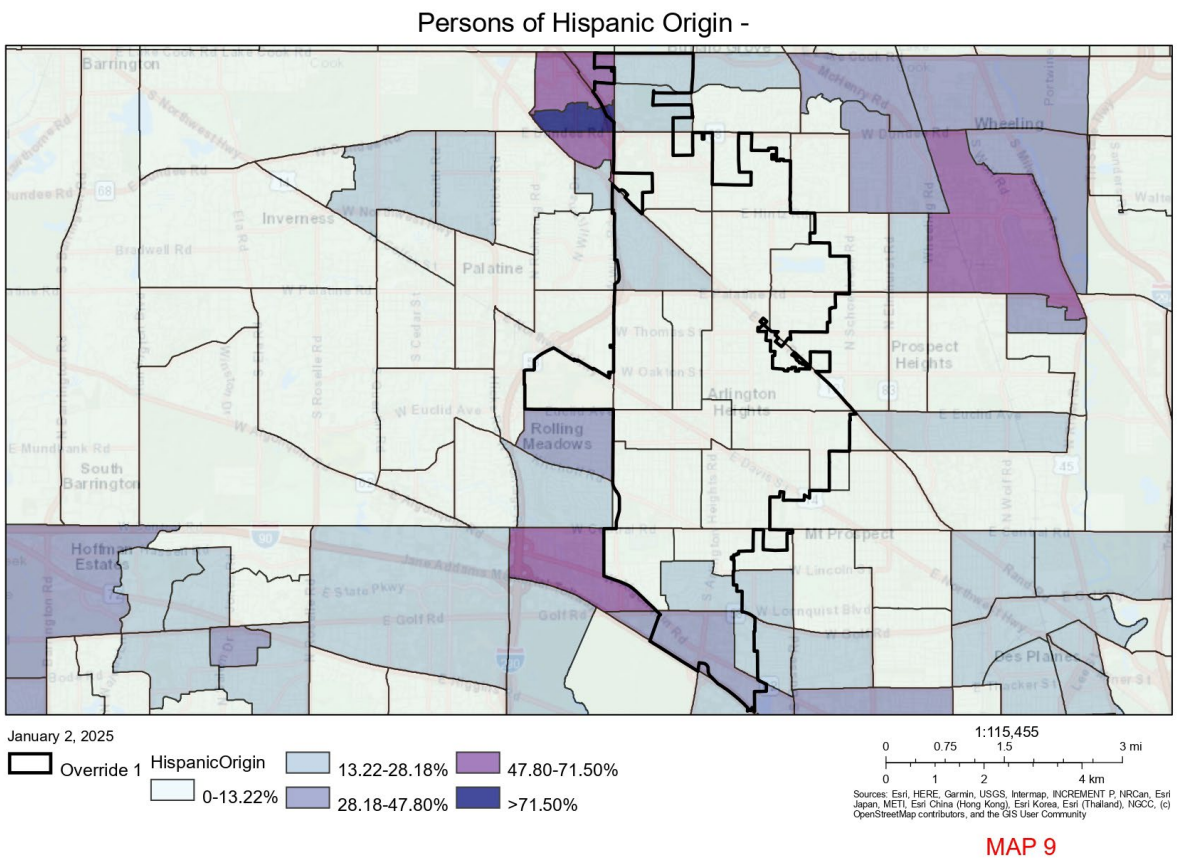
Map 6 Percentages White Alone (Not Hispanic)



Map 7 Black or African American Alone (Not Hispanic)



Map 8 Percentages Asian Alone (Not Hispanic)



Map 9 Percentages Hispanic

MA-60 Broadband Needs of Housing occupied by Low- and Moderate-Income Households - 91.210(a)(4), 91.310(a)(2)

Describe the need for broadband wiring and connections for households, including low- and moderate-income households and neighborhoods.

Compared with 95% of Illinois, 100% of Village of Arlington Heights can connect to high-speed internet. While broadband wiring and connections is available throughout the Village, low- and moderate-income households may have difficulty accessing services due to cost.

Free Wi-Fi Access is available at the Arlington Heights Memorial Library (AHML) which is centrally located in the Village of Arlington Heights. Patrons may access the AHML network by connecting to AHML-A or AHML-K in Kids' World. Wi-Fi coverage extends to the library's underground parking garage. The AHML also circulates Wi-Fi hotspots for access outside the library. The AHML offers computers for 2-hour sessions that are extendable based on availability.

Describe the need for increased competition by having more than one broadband Internet service provider serve the jurisdiction.

The Village of Arlington Heights accommodates several television, cable, and internet providers. The Village does not decide which companies provide services to Arlington Heights. The Village's involvement with cable/tv/internet providers is to have agreements in place with providers seeking to provide service, allowing them to access utility poles or perform work. The current television, cable, internet providers in Arlington Heights are: AT&T, Xfinity by Comcast, DirecTV, Dish Network, and Astound (previously WOW).

MA-65 Hazard Mitigation - 91.210(a)(5), 91.310(a)(3)

Describe the jurisdiction’s increased natural hazard risks associated with climate change.

The Arlington Heights Emergency Management Agency oversees emergency/disaster planning and works closely with other local, state and federal authorities to be informed and prepared concerning matters of homeland security. In a disaster situation, the Village can access county and state resources and may be eligible for federal assistance. Emergency Management, as it exists today, emphasizes the need for a coordinated effort between all agencies as well as volunteer organizations and private businesses in the community, working together toward a common goal. That goal is to make Arlington Heights as prepared as possible to deal with the effects of natural, man-made or technological emergencies or disasters. EMA are locally funded and work under the direction of the Federal Emergency Management Agency (FEMA) through their state government.

The EMA Coordinator is responsible for maintaining the Village's Emergency Operations Plan which would be relied on by all Village departments in the event of a man-made or natural disaster. In the event of such an emergency, Village resources would be coordinated with county, state and federal agencies to provide the most efficient response possible. The Arlington Heights Emergency Management Agency maintains a comprehensive Emergency Operations Plan (EOP) that addresses how the Village would respond to a variety of different disaster scenarios. The EOP assigns responsibilities to each of the various departments within the Village and outlines mutual aid agreements with various local, county and state agencies. The EOP is reviewed quarterly and updated and submitted for county and state certification every two years.

Since 1968, the Village has maintained an Outdoor Warning Siren System to warn residents of approaching tornadoes. As the Village has grown so has the siren system which now stands at 12 siren units strategically located throughout the Village. These sirens are activated when there is a confirmed sighting of a tornado within ten miles of the Village.

The U.S. Department of Homeland Security has produced a new program called Ready Campaign. This program is designed to educate and empower Americans to prepare for emergencies including making up an emergency supply kit, a family emergency and communication plan, and be informed about the different types of emergencies that could occur and their appropriate responses. Individuals interested in more information are directed to READY.gov. For additional information, they are also directed to FEMA, the Illinois Emergency Management Agency, American Red Cross and the National Weather Service.

Describe the vulnerability to these risks of housing occupied by low- and moderate-income households based on an analysis of data, findings, and methods.

Housing occupied by low- and moderate-income households in Arlington Heights are under no greater risks than households throughout the Village.

Strategic Plan

SP-05 Overview

Strategic Plan Overview

This section of the Consolidated Plan describes the Village of Arlington Heights' strategy for addressing the community development needs of the Village, particularly of its extremely-low-, low-, and moderate-income residents. The Village intends to use CDBG to address housing and other community development needs of its extremely-low-, low-, and moderate-income residents.

Village General Funds will also continue to be used to support activities of the Department of Planning & Community Development, Department of Health and Human Services, and other departments engaged in programs that benefit the extremely-low-, low-, and moderate-income persons residing in the Village.

The Village's inclusionary housing program will continue to require the inclusion of affordable units in housing developments. Fees paid in-lieu of providing affordable units and linkage fees for new housing construction will be deposited into the Village's Affordable Housing Trust Funds which is designed to create and preserve affordable housing in Arlington Heights.

In this Strategic Plan section of the Consolidated Plan, the Village will identify its priority needs and also its priorities for funding. The Strategic Plan is intended to address the community's highest priority needs that can effectively be addressed with the amount of funds and other community resources that are available. Under each priority needs area, the Village will list specific goals for meeting those priority needs.

SP-10 Geographic Priorities - 91.415, 91.215(a)(1)

Geographic Area

Table 12 - Geographic Priority Areas

1	**Area Name:**	No geographic areas are targeted
	Area Type:	No geographic areas are targeted
	Other Target Area Description:	No geographic areas are targeted
	HUD Approval Date:	
	% of Low/ Mod:	
	Revital Type:	
	Other Revital Description:	
	Identify the neighborhood boundaries for this target area.	
	Include specific housing and commercial characteristics of this target area.	
	How did your consultation and citizen participation process help you to identify this neighborhood as a target area?	
	Identify the needs in this target area.	
	What are the opportunities for improvement in this target area?	
	Are there barriers to improvement in this target area?	

General Allocation Priorities

Describe the basis for allocating investments geographically within the state

The Village of Arlington Heights has determined that it will not invest funds on a geographic basis other than directing some public facility and/or infrastructure funds to CDBG-eligible low/moderate income Census block groups.

SP-25 Priority Needs - 91.415, 91.215(a)(2)

Priority Needs

Table 13 – Priority Needs Summary

1	**Priority Need Name**	Affordable Housing
	Priority Level	High
	Population	Extremely Low Low Moderate
	Geographic Areas Affected	No geographic areas are targeted
	Associated Goals	Homeowner Unit Preservation
	Description	Under the Affordable Housing priority need area, the Village seeks to preserve, maintain, and improve the community's existing housing stock; to reduce the cost burden of housing for extremely low-, low- and moderate-income households; and to provide a wide range of housing options for all residents of the community.
	Basis for Relative Priority	Cost burden (including severe cost burden) was shown to be the primary housing problem in Arlington Heights. Therefore, affordable housing is ranked a high priority need.
2	**Priority Need Name**	Homeless
	Priority Level	High

	Population	Extremely Low Low Moderate Large Families Families with Children Elderly Public Housing Residents Chronic Homelessness Individuals Families with Children Mentally Ill Chronic Substance Abuse veterans Persons with HIV/AIDS Victims of Domestic Violence Unaccompanied Youth Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with HIV/AIDS and their Families Victims of Domestic Violence
	Geographic Areas Affected	No geographic areas are targeted
	Associated Goals	Homeless Services Public Facilities

	Description	Under the Homelessness priority need area, the Village seeks to ensure that every person in the community has basic shelter every night and to ensure that persons at-risk of homelessness have access to emergency shelter, transitional housing, and eventually obtain permanent housing. When designating the populations to benefit from homeless assistance, the Village is including both currently homeless and at-risk persons. CDBG funds may be used to support homeless public services (including services to at-risk residents, nights of shelter, and/or homeless public facilities). Due to the comparatively modest CDBG grant the Village of Arlington Heights received, the Village will consider working with the Alliance to End Homelessness in Suburban Cook County's Continuum of Care (CoC) with regard to their application and grant-making process and may work with other entities to access additional homeless resources such as the HOME program, Emergency Solutions Grant (ESG) funds, funding through the State of Illinois.
	Basis for Relative Priority	In Arlington Heights, there is a significant housing need among extremely low- and low-income renters. There is a shortage of affordable units available to extremely-low, and low-income renters which increases their risk of homelessness. In recent years, homeless service providers including the Village's Department of Health and Human Services have experienced an increase in requests for assistance from homeless and at-risk individuals and households including households with children. The Village also recognizes that the needs of homeless persons should be prioritized due to the level and complexity of their needs, and the impact of homelessness and unstable housing on individuals, families (particularly families with children), and the broader community. The Village of Arlington Heights is an entitlement community for CDBG funding but not for HOME or Emergency Solutions Grant (ESG) funds. Due to the increase in homeless needs, the Village will work with local homeless service providers, the Alliance to End Homelessness in Suburban Cook County, Cook County (including the Cook County Department of Department of Planning and Development) to seek and coordinate additional resources (HOME funding, ESG funding, and other funding) for homeless assistance in the Cook County Northwest and Northern Suburbs either through or in addition to the Continuum of Care process.
3	**Priority Need Name**	Other Special Housing/Non-Homeless Needs
	Priority Level	High

	Population	Extremely Low Low Moderate Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Victims of Domestic Violence
	Geographic Areas Affected	No geographic areas are targeted
	Associated Goals	Public Facilities Public Services
	Description	Under the Other Special Housing/Non-Homeless Needs area, the Village seeks to provide transitional and permanent housing with supportive services, or supportive services alone, to enable persons with special needs who are not currently homeless but require housing assistance to live healthy and as independently as possible in the community.
	Basis for Relative Priority	The needs of special housing for non-homeless persons is evidenced by the waiting lists for supporting housing in the community.
4	**Priority Need Name**	Public Service Needs
	Priority Level	High
	Population	Extremely Low Low Moderate
	Geographic Areas Affected	No geographic areas are targeted
	Associated Goals	Public Services

	Description	Under Public Service needs, the Village seeks to address poverty and enhance the quality of life, and improve the stability of individuals and families in Arlington Heights through the availability of youth programs, health programs, education, recreation, transportation, child care, disability services, family and individual support, and other services and opportunities. Services will primarily be provided by private, non-profit organizations in the community. The Village will consider funding all types of public services based on demonstrated needs in the community among extremely low-, low-, and moderate-income individuals and households. The income ranges of persons to benefit from the public services are indicated below.
	Basis for Relative Priority	Presentations and information provided by area agencies demonstrate that a variety of public services are needed in Arlington Heights.
5	**Priority Need Name**	Public Facility
	Priority Level	High
	Population	Extremely Low Low Moderate Chronic Homelessness Victims of Domestic Violence Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Victims of Domestic Violence
	Geographic Areas Affected	No geographic areas are targeted
	Associated Goals	Public Facilities
	Description	Under Public Facility needs, the Village seeks to ensure that the facilities that serve the social, recreational, health, family and other needs of persons in the community are provided, maintained, and available for use by all residents. Housing and other facilities that provide housing and/or services for special populations are usually categorized by HUD as public facilities (ex. homeless shelters and group homes).

	Basis for Relative Priority	The Village recognizes that populations such as homeless persons and persons with special needs have high levels of need for public facilities as defined by HUD. Public facility accessibility has also been a high priority of the Village so that persons with disabilities have access to all parts of the Village including its amenities in public buildings. The Village also recognizes the importance of its own facilities that service low- and moderate-income residents including those presumed to be low- and moderate-income such as the Arlington Heights Senior Center.
6	**Priority Need Name**	Planning & Administration
	Priority Level	High
	Population	Extremely Low Low Moderate Large Families Families with Children Elderly Public Housing Residents Chronic Homelessness Individuals Families with Children Mentally Ill Chronic Substance Abuse veterans Persons with HIV/AIDS Victims of Domestic Violence Unaccompanied Youth Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with Alcohol or Other Addictions Persons with HIV/AIDS and their Families Victims of Domestic Violence Non-housing Community Development
	Geographic Areas Affected	No geographic areas are targeted

	Associated Goals	Planning and Administration
	Description	Under Planning & Administration, the Village seeks to ensure that the strategies, goals, and projects of the entire community are responsive to community needs, are well designed and managed, and are coordinated with other community organizations for the most effective and efficient delivery of services.
	Basis for Relative Priority	Staff support is needed to continue to administer the CDBG and CDBG-CV grants and to manage Village-administered CDBG-funded programs. The Village expects that all programs and projects will meet the national objectives of the CDBG program by benefitting persons who are extremely low-, low-, and moderate-income or are presumed to be in these income categories. Some of the beneficiaries may also be members of the Homeless and Non-Homeless Special Needs populations.
7	**Priority Need Name**	Public Infrastructure
	Priority Level	High
	Population	Extremely Low Low Moderate Non-housing Community Development
	Geographic Areas Affected	No geographic areas are targeted
	Associated Goals	Infrastructure
	Description	Areas eligible for infrastructure improvements under federal programs including the CDBG program. This includes block groups identified by HUD as low- and moderate-income block groups and improvements for accessibility throughout the Village to address the needs of persons with disabilities who are presumed to be low and moderate income. Other eligible infrastructure needs not tied to area benefit may also be provided.
	Basis for Relative Priority	The community survey indicates a high priority in among members of the community for sound infrastructure. This high priority is also indicated in the Village's Capital Improvement Plan.

Narrative (Optional)

In this Strategic Plan, the Village prioritizes various needs in the community that impact extremely-low-, low-, and moderate-income individuals. High Priority means the Village plans to address the needs, at least in part, through its CDBG allocation. The high priority need areas identified by the Village of Arlington Heights are: 1) affordable housing; 2) homelessness; 3) Other Special Housing/Non-Homeless Needs; 4) public services; 5) public facilities; 6) planning & administration; and 7) public infrastructure.

SP-35 Anticipated Resources - 91.420(b), 91.215(a)(4), 91.220(c)(1,2)

Introduction

Resources to be used are indicated below.

Anticipated Resources

Program	Source of Funds	Uses of Funds	Expected Amount Available Year 1				Expected Amount Available Remainder of ConPlan $	Narrative Description
			Annual Allocation: $	Program Income: $	Prior Year Resources: $	Total: $		
CDBG	public - federal	Acquisition Admin and Planning Economic Development Housing Public Improvements Public Services	332,747	0	90,000	422,747	1,910,747	In Year 1, the Village's annual allocation is $332,747 and the estimated program income is $50,000. For the following 4 years the Village expects similar allocation amounts rounding to $332,000 and $50,000 per year in program income. Program income is not budgeted until it is received. In the first 8 months of the 2024 program year, the Village has received no program income. The expected available is year 1: $382,747 and years 2 - 5 (each): $382,000 for a total of $1,910,747. The $90,000 in carry over funds to Year 1 will come from the Village's 2024 CDBG grant.

Table 14 - Anticipated Resources

Explain how federal funds will leverage those additional resources (private, state and local funds), including a description of how matching requirements will be satisfied

The Village does not anticipate receiving any federal funds that have matching requirements. CDBG funds will be used to leverage many sources of other funds. Sub-recipient agencies receiving CDBG funding frequently site receiving Village/CDBG support of their programs as beneficial to them when seeking other public and private funds. CDBG funds may also leverage government funding from other Federal and State programs such as the HOME program and programs provided by the Illinois Housing Development Authority (IHDA).

If appropriate, describe publicly owned land or property located within the state that may be used to address the needs identified in the plan

At this time, there are two properties owned by the Village that could be suitable for residential development although rezoning or variations could be necessary and would need to be evaluated through the Village's established zoning process on a case-by-case basis in consideration of a specific proposal. There are not specific proposals at this time.

Discussion

The Village’s CDBG entitlement allocation is a major source of funding for addressing the housing and other needs of the Village’s extremely low, low- and moderate-income residents. Another financial resource that the Village plans to use to address housing needs are funds collected into the Village’s Affordable Housing Trust Fund through sources such as the Village’s inclusionary housing program. The Village's CDBG allocation for Year 1 of the Consolidated Plan is $332,747. The Village is carrying-over $90,000 to the 2025 Annual Action Plan but may shift programs (by amendment or substantial amendment) to the prior years from which those funds will be expended when the final amount of the Village's carry over funds is known in the fall of 2025. The Village is not including estimating program income in budgeted amount. Program income is highly unpredictable. In the first three quarters for program year 2024-2025, the Village has received no ($0) program income. Program income will be budgeted in the year after it is received when the amount is known.

SP-40 Institutional Delivery Structure - 91.415, 91.215(k)

Explain the institutional structure through which the jurisdiction will carry out its consolidated plan including private industry, non-profit organizations, and public institutions.

Responsible Entity	Responsible Entity Type	Role	Geographic Area Served
Village of Arlington Heights	Government	Homelessness Non-homeless special needs Ownership Planning Rental neighborhood improvements public facilities public services	Jurisdiction
Housing Authority of Cook County (HACC)	PHA	Public Housing	Region
Alliance to End Homelessness in Suburban Cook County		Homelessness	Region
Public Service Organizations	Non-profit organizations	Non-homeless special needs public facilities public services	Jurisdiction

Table 15 - Institutional Delivery Structure

Assess of Strengths and Gaps in the Institutional Delivery System

Within the Village government, the delivery system involves multiple departments such as Village Administration, Planning & Community Development, Health and Human Services, Building and Life Safety, Public Works, Police, and Fire. Village staff collaborate with organizations related to their respective fields. On-going, valuable collaboration with respect to the CDBG program occurs through the Northwest Suburban Network of CDBG entitlement grantees that meets on a monthly basis. Direct service delivery is provided by the Village Department of Planning & Community Development under the direction of the Village Board and administration. Services are also provided through non-profit organizations that receive CDBG grants. Gaps in the institutional delivery system are primarily related to a shortage of resources to respond to community needs.

Availability of services targeted to homeless persons and persons with HIV and mainstream services

Homelessness Prevention Services	Available in the Community	Targeted to Homeless	Targeted to People with HIV
Homelessness Prevention Services			
Counseling/Advocacy	X	X	
Legal Assistance	X	X	
Mortgage Assistance	X	X	
Rental Assistance	X	X	
Utilities Assistance	X	X	
Street Outreach Services			
Law Enforcement	X	X	
Mobile Clinics			
Other Street Outreach Services	X	X	
Supportive Services			
Alcohol & Drug Abuse	X	X	
Child Care	X	X	
Education	X	X	
Employment and Employment Training	X	X	
Healthcare	X	X	
HIV/AIDS	X	X	
Life Skills	X	X	
Mental Health Counseling	X	X	
Transportation	X	X	
Other			

Table 16 - Homeless Prevention Services Summary

Describe how the service delivery system including, but not limited to, the services listed above meet the needs of homeless persons (particularly chronically homeless individuals and families, families with children, veterans and their families, and unaccompanied youth)

The homeless service delivery system is coordinated by the Alliance to End Homelessness in Suburban Cook County. In coordinating the annual application to the US Department of Housing and Urban Development (HUD) for homeless assistance grants, the Alliance brings in approximately $24 million per year to support over 45 homeless programs in the region.

The Alliance to End Homelessness in Suburban Cook County offers the Suburban Cook Call Center (telephone number) through which homeless persons and persons at-risk of homelessness may access services. Others persons in need of services call or walk into non-profit agency service providers. The Alliance has organized the coordinated entry system to services, maintains regional data through the

Homeless Management Information System (HMIS), and is the suburban Cook County Continuum of Care entity. The coordinated entry organization for Arlington Heights and the surrounding area is the non-profit agency Northwest Compass with which the Village of Arlington Heights has a long-standing relationship and has consistently provided support through CDBG grants.

The Alliance organizes its region into three Community Based Service Areas. The Community Based Service Area (CBSA) that includes the Village of Arlington Heights is the North/Northwest area. This CBSA is organized under a group called the Association of Homeless Advocates in the North/Northwest District (AHAND). The agencies involved in the CBSAs provide a wide spectrum of services including those listed in the table above. Some of the agencies specialize in serving particular subgroups of the homeless population such as chronically homeless individuals and families, families with children, veterans and their families, and unaccompanied youth.

Describe the strengths and gaps of the service delivery system for special needs population and persons experiencing homelessness, including, but not limited to, the services listed above

The service delivery system under the Alliance to End Homelessness in Suburban Cook County is highly organized and staffed by professions with high levels of expertise. Although all of the homeless prevention services listed above are available in the community, the demand exceeds the service capacity of the organizations that provide the services. Federal and State funding cuts have been detrimental to the ability of agencies to provide needed services, emergency shelter, transitional housing and permanent housing to special needs persons and homeless persons.

Provide a summary of the strategy for overcoming gaps in the institutional structure and service delivery system for carrying out a strategy to address priority needs

As stated above, the Village considers the institutional structure to be strong. Agencies seek to efficiently utilize resources and avoid duplication of services. The strength of the system was particularly important during the Covid19 pandemic period when the Alliance and the member agencies adapted their strategies to respond to increased and changing needs with regard to housing insecurity and adapted program in order to decrease the risk and spread of disease. Service providers continue to seek additional public and private funding to expand their abilities to serve persons in need of shelter and homeless services.

SP-45 Goals - 91.415, 91.215(a)(4)

Goals Summary Information

Sort Order	Goal Name	Start Year	End Year	Category	Geographic Area	Needs Addressed	Funding	Goal Outcome Indicator
1	Homeowner Unit Preservation	2025	2029	Affordable Housing	No geographic areas are targeted	Affordable Housing	TBD	TBD
2	Homeless Services	2025	2029	Homeless	No geographic areas are targeted	Homeless	TBD	TBD
3	Public Services	2025	2029	Non-Housing Community Development	No geographic areas are targeted	Other Special Housing/Non-Homeless Needs Public Service Needs	TBD	TBD
4	Infrastructure	2025	2029	Non-Housing Community Development	No geographic areas are targeted	Public Infrastructure	TBD	TBD
5	Public Facilities	2025	2029	Non-Homeless Special Needs Non-Housing Community Development	No geographic areas are targeted	Homeless Other Special Housing/Non-Homeless Needs Public Facility	TBD	TBD
6	Planning and Administration	2025	2029	Planning and Administration	No geographic areas are targeted	Planning & Administration	TBD	TBD

Table 17 – Goals Summary

Goal Descriptions

1	**Goal Name**	Homeowner Unit Preservation
	Goal Description	Village seeks to preserve, maintain, and improve the community's existing ownership housing stock; to reduce the cost burden of housing for extremely low-, low- and moderate-income household; and to provide a wide range of housing options for all residents in the community.
2	**Goal Name**	Homeless Services
	Goal Description	The Village seeks to ensure that every person in the community has basic shelter every night and to ensure that persons at-risk of homelessness have access to emergency shelter, transitional housing, and eventually obtain permanent housing. When designating the populations to benefit from homeless assistance, the Village is including both currently homeless and at-risk persons.
3	**Goal Name**	Public Services
	Goal Description	The Village seeks to address poverty and to enhance the quality of life, and improve the stability of individuals and families in Arlington Heights through the availability of youth programs, health programs, education, recreation, transportation, child care, disability services, family and individual support, and other services and opportunities.
4	**Goal Name**	Infrastructure
	Goal Description	The Village seeks to ensure that basic infrastructure needs of all areas of the Village are met including low- and moderate-income areas designated by HUD as eligible for CDBG-funded infrastructure improvements. The Village also seeks to continue its efforts to ensure access to public buildings and amenities and other assets of the community through the removal of architectural barriers and enhancements to make infrastructure and facilities accessible to all residents.
5	**Goal Name**	Public Facilities
	Goal Description	The Village seeks to ensure that the facilities that serve the social, recreational, health, family and other needs of persons in the community are provided, maintained, and available for use by all residents.
6	**Goal Name**	Planning and Administration
	Goal Description	The Village seeks to ensure that the strategies, goals, and projects of the entire community are responsive to community needs, are well designed and managed, and are coordinated with other community organizations for the most effective and efficient delivery of services.

Estimate the number of extremely low-income, low-income, and moderate-income families to whom the jurisdiction will provide affordable housing as defined by HOME 91.315(b)(2)

This section is not applicable to the Village of Arlington Height because the Village is not a recipient of HOME funds, and HOME 91.315(b)(2) applies to States for State Consolidated Plans.

SP-65 Lead-based Paint Hazards - 91.415, 91.215(i)

Actions to address LBP hazards and increase access to housing without LBP hazards

HUD explains that "Lead is a highly toxic metal that may cause a range of health problems, especially in young children. When lead is absorbed into the body, it can cause damage to the brain and other vital organs, like kidneys, nerves, and blood. Lead may also cause behavioral problems, learning disabilities, seizures, and in extreme cases death...Both inside and outside the home deteriorated lead-based paint mixes with household dust and soil and becomes tracked-in. Children may become lead poisoned by: 1) eating or putting their hands or other lead-contaminated objects into their mouths; 2) eating paing chips found in homes with peeling or flaking paint; or 3) playing in lead-contaminated soil."

https://www.hud.gov/program_offices/healthy_homes/healthyhomes/lead

The Village of Arlington Heights addresses lead-based paint hazards and poisoning by:

- Providing information and blood testing services to residents. If a person is identified with elevated blood levels, the appropriate County and State agencies are notified as required by law, and those persons are referred for appropriate services.
- Complying with HUD lead-based paint laws, regulations and procedures contained in the *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* with respect to its CDBG housing programs such as the Single-Family Rehabilitation Loan Program (https://www.hud.gov/program_offices/healthy_homes/lbp/hudguidelines)
- Complying with law and regulations concerning drinking water testing, creating an inventory or lead water lines, and developing a plan and implementing public lead water service line replacement. The annual Water Quality Report to water consumers in Arlington Heights characterizes the quality of our drinking water. Copies of the Village's annual Water Quality Report beginning 2012 are available on the Village's website: https://www.vah.com/government/departments/public_works/water_quality___lead_standards/index.php#collapselinks-281-5b0.

Access to hosing without lead-based pain hazard is improved by: 1) offering testing that may reveal the presence of lead-based paint which can then be corrected; 2) treating or abating lead-based paint in some of the Village's older homes through the Single-Family Rehab Program; and 3) maintenance of safe water quality through testing and the systematic replacement of lead-based water lines.

How are the actions listed above integrated into housing policies and procedures?

The actions described above are included in the Village’s policies regarding public health, its CDBG policies and procedures for its Single-Family Rehab Program and any other federally-funded programs and activities that involve disturbing painted surfaces in residential structures, and infrastructure maintenance and testing.

SP-70 Anti-Poverty Strategy - 91.415, 91.215(j)

Jurisdiction Goals, Programs and Policies for reducing the number of Poverty-Level Families

The Village will continue to provide CDBG funds to a variety of anti-poverty public service programs that assist extremely-low-, low-, and moderate-income residents. The Village has supported numerous non-profit organizations that assist poverty level families including Journeys|The Road Home, Family Forward, Resources for Community Living (for persons with disabilities), Suburban Primary Health Care Council, and others.

Direct assistance is also provided through the Village's Department of Health and Human Services. This department provides assessments, short term counseling, case management, entitlement benefit assistance, emergency financial assistance, crisis intervention, and nursing services for homebound residents. Human Services staff address health education, provide health screenings, and a wide variety of senior services. These services are provided through the Village staff positions including the Village's social services coordinator, social worker, senior center manager, and community nurses. Community support is also provided through the police department's crime prevention program, school resource officers, and victims' services officer.

How are the Jurisdiction poverty reducing goals, programs, and policies coordinated with this affordable housing plan

Coordination takes place between the Village's Department of Planning and Community Development (which leads the Village's affordable housing efforts), other Village departments, and the non-profit social service agencies that receive CDBG funding to assist families that may be at or below the poverty level. Many of the Village's poverty reducing goals and programs are outlined in this Consolidated Plan and are supported with CDBG funds (ex. CDBG-funded public service grants to subrecipients). Other goals and programs are described herein but are supported by other resources.

SP-80 Monitoring - 91.230

Describe the standards and procedures that the jurisdiction will use to monitor activities carried out in furtherance of the plan and will use to ensure long-term compliance with requirements of the programs involved, including minority business outreach and the comprehensive planning requirements

The standards and procedures that the Village uses to monitor its CDBG activities are contained in the Village's Policies and Procedures. The Village's Policies and Procedures were a focus of HUD 's 2023 monitoring of the Village's CDBG program. The Village successfully passed this monitoring visit with no findings.

Fiscal Monitoring: The Village's Finance Department is the fiscal agency for the Village. The Finance Department has preventative internal control systems, which ensure timely and accurate expenditure of CDBG resources.

Performance Monitoring: The Village uses HUD's Integrated Disbursement and Information System (IDIS) to manage financial and programmatic information that is generated through its CDBG program each year. The Consolidated Annual Performance and Evaluation Report (CAPER) is used to analyze the Village's annual activities under the five-year Consolidated Plan. The CAPERs under this Consolidated Plan will include a summary a summary of accomplishments, resources, and the status of activities taken to address needs identified in the Consolidated Plan. The report determines whether the Village performed as expected and whether the progress completed during the year addressed the five-year Consolidated Plan goals.

Timeliness: The Village will check its timeliness ratio on a regular basis to ensure that funds are used in a timely manner. Efforts will be made to include minority- and women-owned businesses in construction projects and otherwise with respect to purchasing in compliance with Federal regulations.

Monitoring of Subrecipients: The Department of Planning & Community Development is responsible for creating contracts with its CDBG subrecipients that outline the procedures necessary for the subrecipients to meet all compliance provisions required under the applicable program. The subrecipients are monitored based on specific objectives and performance measures that are outlined in their contracts. The Village will monitor its CDBG subrecipient programs through quarterly status reports including a year-end report. Desk monitoring evaluations will occur annually and on-site monitoring will be held periodically.

Expected Resources

AP-15 Expected Resources - 91.420(b), 91.220(c)(1,2)

Introduction

Resources to be used are indicated on the next page.

Anticipated Resources

Program	Source of Funds	Uses of Funds	Expected Amount Available Year 1				Expected Amount Available Remainder of ConPlan $	Narrative Description
			Annual Allocation: $	Program Income: $	Prior Year Resources: $	Total: $		
CDBG	public - federal	Acquisition Admin and Planning Economic Development Housing Public Improvements Public Services	332,747.00	0.00	90,000.00	422,747.00	1,950,747.00	In Year 1, the Village's annual allocation is $332,747 and carry over funds from 2024 are expected to be $90,000 For the following 4 years the Village expects similar allocation amounts rounding to $332,000 and $50,000 per year in program income. Program income is not budgeted until it is received. In the first 8 months of the 2024 program year, the Village has received no program income. The expected available is year 1: $422,747 and years 2 - 5 (each): $382,000 for a total of $1,950,747.

Table 18 - Expected Resources – Priority Table

Explain how federal funds will leverage those additional resources (private, state and local funds), including a description of how matching requirements will be satisfied

The Village does not anticipate receiving any federal funds that have matching requirements. CDBG funds will be used to leverage many sources of other funds. Sub-recipient agencies receiving CDBG funding frequently site receiving Village/CDBG support of their programs as beneficial to them when seeking other public and private funds. CDBG funds may also leverage government funding from other Federal and State programs such as the HOME program and programs provided by the Illinois Housing Development Authority (IHDA).

If appropriate, describe publicly owned land or property located within the jurisdiction that may be used to address the needs identified in the plan

At this time, there are two properties owned by the Village that could be suitable for residential development although rezoning or variations could be necessary and would need to be evaluated through the Village's established zoning process on a case-by-case basis in consideration of a specific proposal. There are not specific proposals at this time.

Discussion

The Village’s CDBG entitlement allocation is a major source of funding for addressing the housing and other needs of the Village’s extremely low, low- and moderate-income residents. Another financial resource that the Village plans to use to address housing needs are funds collected into the Village’s Affordable Housing Trust Fund through sources such as the Village’s inclusionary housing program. The Village's CDBG allocation for Year 1 of the Consolidated Plan is $332,747. The Village is carrying-over $90,000 to the 2025 Annual Action Plan from its 2024 grant. However, in the future, the Village may shift programs (by amendment or substantial amendment) to the prior years’ Annual Action Plan in order to pay for the program costs from the Annual Action Plan pertaining to the grant year for the funds being used to pay those costs. The Village is not including estimating program income in its anticipated income for year 2025. Program income is highly unpredictable and not program income was received in the first 8 months of the 2024 program year. Program income will be budgeted in the year after it is received when the amounts are known.

Annual Goals and Objectives

AP-20 Annual Goals and Objectives - 91.420, 91.220(c)(3)&(e)

Goals Summary Information

Sort Order	Goal Name	Start Year	End Year	Category	Geographic Area	Needs Addressed	Funding	Goal Outcome Indicator
1	Homeowner Unit Preservation	2020	2024	Affordable Housing	No geographic areas are targeted	Affordable Housing	TBD	TBD
2	Homeless Services	2020	2024	Homeless	No geographic areas are targeted	Homeless	TBD	TBD
3	Public Services	2020	2024	Non-Housing Community Development	No geographic areas are targeted	Public Service Needs	TBD	TBD
4	Infrastructure	2020	2024	Non-Housing Community Development	No geographic areas are targeted	Public Infrastructure	TBD	TBD
5	Public Facilities	2020	2024	Non-Homeless Special Needs Non-Housing Community Development	No geographic areas are targeted	Public Facility	TBD	TBD
6	Planning and Administration	2020	2024	Planning and Administration	No geographic areas are targeted	Planning & Administration	TBD	TBD

Table 19 – Goals Summary

Goal Descriptions

1	**Goal Name**	Homeowner Unit Preservation
	Goal Description	This allocation is for the Village's Single Family Rehab Programs.
2	**Goal Name**	Homeless Services
	Goal Description	The allocation under this category is for services for homeless persons and persons at-risk of homelessness.
3	**Goal Name**	Public Services
	Goal Description	This total is for various public service allocations excluding homeless services.
4	**Goal Name**	Infrastructure
	Goal Description	Infrastructure projects are to be determined.
5	**Goal Name**	Public Facilities
	Goal Description	This allocation is for renovations at a Clearbrook group home to make 1 or 2 bathrooms more accessible.
6	**Goal Name**	Planning and Administration
	Goal Description	Under this goal, the Village operates the CDBG programs and engages in related planning activities.

AP-35 Projects - 91.420, 91.220(d)

Introduction

Project to be funded in the 2025-2026 year will be shown below. Draft allocation amounts and estimated number of persons/households to be served will be entered after the public hearing takes place on June 2, 2025.

#	Project Name
1	Homeowner Unit Preservation
2	Homeless Services
3	Public Services
4	Public Infrastructure
5	Public Facilities
6	Planning and Administration

Table 20 – Project Information

Describe the reasons for allocation priorities and any obstacles to addressing underserved needs

The Village will consider CDBG grant applications from agencies, community surveys, the Capital Improvement Plan, and other public comment when determining allocations and obstacles to underserved needs.

AP-38 Project Summary

Project Summary Information

1	**Project Name**	Homeowner Unit Preservation
	Target Area	Village-wide
	Goals Supported	Homeowner Unit Preservation
	Needs Addressed	Affordable Housing
	Funding	TBD
	Description	Provide 0% interest, deferred home improvement loans to low/moderate-income homeowners.
	Target Date	September 30, 2026
	Estimate the number and type of families that will benefit from the proposed activities	TBD
	Location Description	TBD
	Planned Activities	Single=Family Rehab Program: Provide 0% interest, deferred home improvement loans to low/moderate-income homeowners.
2	**Project Name**	Homeless Services
	Target Area	Village-wide
	Goals Supported	Homeless Services
	Needs Addressed	Homeless
	Funding	TBD
	Description	Provide services to persons who are homeless or at-risk of homelessness.

	Target Date	September 30, 2026
	Estimate the number and type of families that will benefit from the proposed activities	TBD
	Location Description	Village-wide
	Planned Activities	Provide services to persons who are homeless or at-risk of homelessness.
3	**Project Name**	Public Services
	Target Area	Village-wide
	Goals Supported	Public Services
	Needs Addressed	Public Service Needs
	Funding	TBD
	Description	Provide services to persons who are homeless or at-risk of homelessness.
	Target Date	September 30, 2026
	Estimate the number and type of families that will benefit from the proposed activities	TBD
	Location Description	Village-wide
	Planned Activities	Provide services to persons who are homeless or at-risk of homelessness.
4	**Project Name**	Public Infrastructure
	Target Area	Village-wide
	Goals Supported	Infrastructure
	Needs Addressed	Public Infrastructure
	Funding	TBD
	Description	Make improvements to public infrastructure for eligible modifications such as improvements in low/moderate-income areas or to remove architectural barriers.

	Target Date	September 30, 2026
	Estimate the number and type of families that will benefit from the proposed activities	TBD
	Location Description	Village-wide
	Planned Activities	Make improvements to public infrastructure for eligible modifications such as improvements in low/moderate-income areas or to remove architectural barriers.
5	**Project Name**	Public Facilities
	Target Area	Village-wide
	Goals Supported	Public Facilities
	Needs Addressed	Other Special Housing/Non-Homeless Needs Public Facility
	Funding	TBD
	Description	Support and make improvements at public facilities that serve low/moderate-income Arlington Heights residents.
	Target Date	September 30, 2026
	Estimate the number and type of families that will benefit from the proposed activities	TBD
	Location Description	Village-wide
	Planned Activities	Support and make improvements at public facilities that serve low/moderate-income Arlington Heights residents.
6	**Project Name**	Planning and Administration
	Target Area	Village-wide
	Goals Supported	Planning and Administration

	Needs Addressed	Planning & Administration
	Funding	TBD
	Description	Provide funding to support planning and administration activities related to the Consolidated Plan and the programs and activities thereunder.
	Target Date	September 30, 2026
	Estimate the number and type of families that will benefit from the proposed activities	na
	Location Description	Village-wide
	Planned Activities	Provide funding to support planning and administration activities related to the Consolidated Plan and the programs and activities thereunder.

AP-50 Geographic Distribution - 91.420, 91.220(f)

Description of the geographic areas of the entitlement (including areas of low-income and minority concentration) where assistance will be directed

CDBG funds will be used for residents Village-wide. Infrastructure projects will be undertaken in CDBG-eligible census block groups when required.

Geographic Distribution

Target Area	Percentage of Funds
No geographic areas are targeted	

Table 21 - Geographic Distribution

Rationale for the priorities for allocating investments geographically

Priority is not being given geographically except with respect to infrastructure projects which in some instances must be targeted to eligible census block groups.

Discussion

The Village does not allocate assistance geographically with the exception of CDBG resources for infrastructure improvements which are allocated to HUD designated low- and moderate-income areas when required-

AP-85 Other Actions - 91.420, 91.220(k)

Introduction

The Village will take actions to address obstacles to underserved needs, to foster and maintain affordable housing, to reduce lead-based paint hazards, to reduce the number of poverty-level families, to develop institutional structure, and to plan and enhance coordination between public and private housing and social service agencies.

Actions planned to address obstacles to meeting underserved needs

100% of the Village of Arlington Heights has internet broadband access available from multiple providers. The obstacle to meeting underserved need is the inability of come residents to afford the cost of computer equipment and service. Action to meet this need include assistance offered by the State of Illinois through the Citizen's Utility Board (https://www.citizensutilityboard.org/income-qualified-internet-programs/), and there is free access to computers and the internet at the Arlington Heights Memorial Library.

Actions planned to foster and maintain affordable housing

During the program year, the Village will take the following actions to foster and maintain affordable housing, to remove barriers to affordable housing, and to encourage public housing improvements and resident initiatives:

- Professionals in the Department of Planning and Community Development will continue to research and investigate alternative sources of funding to replace or supplement State and Federal funds for housing assistance and other affordable housing programs. The Housing Planner will monitor housing opportunities at these levels through contacts with Cook County, HUD, and professional organizations.

- The Village will continue to promote and enforce the goals and policies from the Comprehensive Plan relating to preserving the existing housing stock, encouraging a wide variety of housing types within the Village, utilizing good housing redevelopment concepts, maintaining a good housing balance, preventing housing deterioration, and providing housing for the young, single, and elderly.

- The Department of Building and Life Safety will continue to uncover unsafe and unsanitary conditions. The Single-Family Rehabilitation Program will be available to income-eligible individuals to improve their properties.

- The Village will implement its Affordable Inclusionary Housing Ordinance and work toward creating affordable units in new construction residential projects and/or with fees collected into the Village’s

Affordable Housing Trust Fund.

- The Housing Commission will continue to promote a balanced housing stock including affordable housing for persons with low to moderate incomes.

- The Department of Health and Human Services will work throughout the community to assist residents in securing stable, affordable housing and improve housing and living environments.

No units are expected to be lost form the federally assisted housing inventory in Arlington Heights.

Actions planned to reduce lead-based paint hazards

The Village is aware of the health risks, especially to children, that exist in its older homes due to the presence of lead-based paint. The Village will continue to provide information and blood lead-based paint testing services to Village residents. When persons are identified as having elevated blood levels, the appropriate County and State agencies will be notified, and these persons will be referred for appropriate services.

The Village complies with HUD's lead-based paint regulations with respect to the Village's housing rehabilitation programs. The required notifications, lead-hazard testing, and lead hazard treatment protocols are followed.

Actions planned to reduce the number of poverty-level families

The Village will continue to coordinate efforts to assist households with incomes below the poverty line with other agencies providing services to this population. This will take place through the activities of the Village's Health and Human Services Department and by supporting senior service agencies at the Village's Senior Center. The Health and Human Services Department administers an emergency assistance fund to assist very low- and low-income persons with emergency needs. Village staff coordinate and combine resources with local agencies to address needs of poverty-level families on a case-by-case basis.

Actions planned to develop institutional structure

The Village will continue to address affordable housing and other community needs within the area by coordinating its efforts with private and non-profit agencies and organizations. The Village will also work with regional planning groups such as the Northwest Suburban CDBG Network, the Metropolitan Mayors Caucus, the Chicago Metropolitan Agency for Planning, the Metropolitan Planning Council

(MPC), etc.

Actions planned to enhance coordination between public and private housing and social service agencies

The Village will enhance coordination between public and private housing and social service agencies through the citizen participation plan that encourages all interested parties to share in the Consolidated Planning process. The Village will continue to work with non-profit service providers, other private institutions, public housing and assisted housing providers, and community organizations to discuss community needs and opportunities. The Village will also continue to work with and coordinate the provision of services with Elk Grove and Wheeling Townships, Northwest Housing Partnership, and other Northwest Chicago Suburbs.

Discussion

The Village recognizes that enhancing institutional structure provides efficiencies in service that are of benefit to its residents. The various departments of the Village seek to maximize coordination with public and private housing and service providers to meet the needs in the community.

Program Specific Requirements

AP-90 Program Specific Requirements - 91.420, 91.220(l)(1,2,4)

Introduction

The Village does not anticipate any of the anticipated funds listed below.

Community Development Block Grant Program (CDBG)
Reference 24 CFR 91.220(l)(1)

Projects planned with all CDBG funds expected to be available during the year are identified in the Projects Table. The following identifies program income that is available for use that is included in projects to be carried out.

1. The total amount of program income that will have been received before the start of the next program year and that has not yet been reprogrammed	0
2. The amount of proceeds from section 108 loan guarantees that will be used during the year to address the priority needs and specific objectives identified in the grantee's strategic plan.	0
3. The amount of surplus funds from urban renewal settlements	0
4. The amount of any grant funds returned to the line of credit for which the planned use has not been included in a prior statement or plan	0
5. The amount of income from float-funded activities	0
Total Program Income:	**0**

Other CDBG Requirements

1. The amount of urgent need activities	0
2. The estimated percentage of CDBG funds that will be used for activities that benefit persons of low and moderate income. Overall Benefit - A consecutive period of one, two or three years may be used to determine that a minimum overall benefit of 70% of CDBG funds is used to benefit persons of low and moderate income. Specify the years covered that include this Annual Action Plan.	100.00%

Discussion

None.

Appendix - Alternate/Local Data Sources

1	**Data Source Name** Public Housing - Village of Arlington Heights
	List the name of the organization or individual who originated the data set. Housing Authority of Cook County
	Provide a brief summary of the data set. The data provided reflects the residents of the Village of Arlington Heights who benefit from public housing programs. The data provided in the template was for all of suburban Cook County, IL.
	What was the purpose for developing this data set? The purpose was to focus on the Village of Arlington Heights rather than all of suburban Cook County.
	How comprehensive is the coverage of this administrative data? Is data collection concentrated in one geographic area or among a certain population? The data is for the Village of Arlington Heights.
	What time period (provide the year, and optionally month, or month and day) is covered by this data set? The data was provided in January 2015.
	What is the status of the data set (complete, in progress, or planned)? Complete.
2	**Data Source Name** Alliance to End Homelessness in Suburban Cook Co.
	List the name of the organization or individual who originated the data set. Alliance to End Homelessness in Suburban Cook County.
	Provide a brief summary of the data set. The Alliance to End Homelessness in Suburban Cook County provided data from the Point in Time homeless count for 2013 and from estimates based on October 2012 - September 2013 HMIS data.
	What was the purpose for developing this data set? To provide homeless data for Arlington Heights as a subset of the data for all of suburban Cook County.
	How comprehensive is the coverage of this administrative data? Is data collection concentrated in one geographic area or among a certain population? The data is extrapolated from data for all of suburban Cook County.

	What time period (provide the year, and optionally month, or month and day) is covered by this data set? October 2012 - September 2013
	What is the status of the data set (complete, in progress, or planned)? Completed
3	**Data Source Name** 2025 Arlington Height Local Housing Profile
	List the name of the organization or individual who originated the data set. Chicago Metropolitan Agency for Planning and the Institute for Housing Studies of DePaul University
	Provide a brief summary of the data set. Housing and community data pulled from the 2019-2023 American Community Survey 5-year estimates.
	What was the purpose for developing this data set? To provide the most current Census data available.
	How comprehensive is the coverage of this administrative data? Is data collection concentrated in one geographic area or among a certain population? The data coverage is Village-wide and compared to Cook County and the CMAP (Chicago Area) region.
	What time period (provide the year, and optionally month, or month and day) is covered by this data set? 2019-2023 American Community Survey 5-year Estimates
	What is the status of the data set (complete, in progress, or planned)? Completed

Exhibit A

Citizen Participation Plan 2025

CITIZEN PARTICIPATION PLAN

The Village of Arlington Heights encourages the active involvement of citizens in the development and evaluation of the Village's Consolidated Plan. Citizens, non-profit organizations, and other interested persons are offered the opportunity to review and comment on the proposed Consolidated Plan, any substantial amendments to the Consolidated Plan, annual performance reports, etc. and are invited to apply for Community Development Block Grant funding for eligible activities. Proposed and amended Consolidated Plans includes proposed and amended Annual Action Plans.

Participation

The Village of Arlington Heights will take action to encourage the participation of all citizens, including minorities and non-English speaking persons as well as persons with mobility, visual or hearing impairments in all stages of the development of the Consolidated Plan and its related activities. The Village especially will solicit the involvement of persons of extremely low-, low-, and moderate-income, including those living in areas where housing and community development funds may be spent. Participation of low- and moderate-income persons will be sought by contacting groups and agencies that work with or provide services to low- and moderate-income persons or are active in areas of minority concentration of the concentration of non-English speaking residents. Also, information about the development of the Consolidated Plan will be sent to public and assisted housing developments and local and regional institutions and organizations.

Access to Information

Adequate, timely notification will be provided so that citizens can attend local meetings and public forums as follows:

For public hearings required by federal regulations, public notices will be published in the Daily Herald, the newspaper of local circulation, at least 15 days before the date of the public hearing.

The Village assures that citizens will be furnished pertinent information. Before the Consolidated Plan is adopted, information that includes the amount of assistance expected to be received and the range of activities that may be undertaken will be made available. This information will include amounts proposed to be used for the benefit of low- and moderate-income people and plans to be followed to minimize displacement and to assist persons displaced (if any) as a result of funded activities.

Anti-Displacement

The Village of Arlington Heights does not expect any displacement to occur as a result of its CDBG-funded activities. In the unlikely event that there is displacement, the Village will publish an amendment to its Consolidated Plan outlining the levels of assistance available to persons affected. Should displacement occur, the Village of Arlington Heights will follow the requirements of the Uniform Relocation and Real Property Acquisition Policies Act (URA) and Section 104(d) of the Housing and Community Development Act.

Publishing of Plan

The Village will publish the proposed Consolidated Plan and invite citizen comment. A reasonable number of free copies of the Consolidated Plan will be made available to individuals and groups

that request them. Copies of the draft and final Consolidated Plan will be sent to the State of Illinois and Cook County, Il. Persons interested in receiving documents, including the Citizen Participation Plan, proposed and final versions of the Consolidated Plan, and the annual performance reports may write or telephone the Village of Arlington Heights' Department of Planning & Community Development:

Department of Planning & Community Development
33 S. Arlington Heights Road
Arlington Heights, IL 60005
Telephone: 847-368-5200
Email: Planningmail@vah.com

Additionally, public notices in the Daily Herald newspaper will be published when the Consolidated Plan is proposed, is proposed to be substantially amended, and when the annual performance report has been prepared, so that citizens may review these documents and comment.

Prior to submission of the Consolidated Plan and any substantial amendments to HUD, the Village will provide for a period of not less than 30 days or other minimum number of days as permitted by the federal government.

Public Hearings

A minimum of two public hearings, conducted at two different stages of the program year, will be announced and held by the Village to address housing and community development needs, development of proposed activities, and review of program performance. One of the public hearings will be scheduled prior to the publication of the proposed Consolidated Plan.

Public hearings generally will be scheduled during evening hours at Village Hall, 33 S. Arlington Heights Road, Arlington Heights, IL. Village Hall is wheelchair accessible to persons with disabilities.

Provision will be arranged for any non-English speaking persons or persons with disabilities who wish to participate in the public hearings. If non-English speaking persons wish to comment at a public hearing, and if a request for assistance is made at least five working days before the public hearing, the Village will arrange for translation. With notice, the Village will arrange to have a sign language interpreter or a real time captionist available for the hearing impaired. Requests should be directed to the Village's Department of Planning & Community Development at (847) 368-5200.

Notice of Hearings

Notices of the public hearings will be published in the Daily Herald newspaper at least 15 days in advance of such hearing. The topic of the hearing will be included in the announcement. When possible, notices of public hearings will be mailed to individuals, public housing agencies, and organizations on the interested persons' mailing list. Anyone may request to be placed on the list at any time.

When it is not possible or prudent to hold in-person public hearings (ex. during the COVID-19 pandemic) and only if permitted by HUD, virtual public hearings may be held rather than in-person public hearings. Such virtual public hearings shall comply with HUD requirements. Notice of such

public hearing shall be published in the Daily Herald newspaper a minimum of 15 days prior to the public hearing or other lesser time period as permitted by HUD.

Access to Meetings

Public hearings will generally be scheduled during evening hours at Village Hall, 33 S. Arlington Heights Road, Arlington Heights, IL. The building is accessible to persons with disabilities. There is ample parking available. So long as the Village continues to televise Village Board meetings, at least one public hearing will be televised on the public access cable television station. Information concerning participation in virtual meetings will be provided on the Village's website.

Comments

The proposed Consolidated Plan and substantial amendments thereto will be subject to a minimum 30-day public comment period or other minimum number of days as permitted by the HUD (or other minimum time period as permitted by HUD such as the 5-day time period permitted by HUD during the Covid 19 pandemic) funds HUD has approved a waiver reducing the minimum public comment period to 5 days). Performance reports will be subject to a minimum 15-day public comment period. Any comments on the Consolidated Plan, substantial amendments thereto, or the performance report received in writing or orally will be considered by staff. A summary of these citizen comments or views, including a summary of any comments or views not accepted and the reasons therefore, will be attached to the final document submitted to HUD.

Substantial Amendments

An amendment to the Consolidated Plan will be considered a substantial amendment when the Village decides:

1. Not to carry out an activity described in the Consolidated Plan;
2. To carry out an activity not previously described in the Consolidated Plan; or
3. To make a substantial change in the purpose, scope, location, or beneficiaries of an activity. For this purpose, a substantial amendment will be defined as a modification requiring review by the Village Board where 25% of the annual grant allocation is affected.

All substantial amendments must meet the procedural requirements of the applicable federal regulations or waivers of regulations including the minimum 30-day public comment period. A public hearing(s) is only required for substantial amendments if the public hearing(s) constitute the one or both of the two required public hearing to be held during the year. Notifications of substantial amendments will be published in the Daily Herald and on the Village's website. Notification of substantial amendments will be made to HUD. A summary of any comments received on the substantial amendment, made in writing or orally including any comments of views not accepted and the reasons therefore, will be attached to the substantial amendment.

Performance Reports

The Village will provide citizens with reasonable notice and an opportunity to comment on performance reports. The Village will publish notices in the Daily Herald when performance reports are available for public comment and will allow a 15-day public comment period prior to submission to HUD. Any comments received from the public will be included with the performance report submission to HUD.

Availability to the Public

The Village will make the Consolidated Plan, substantial amendments, and performance reports available to residents and other interested parties for review. These documents may be viewed at the Department of Planning & Community Development (see address below) during regular business hours. Additionally, a reasonable number of fee copies will be provided to individuals and groups requesting copies. Digital copies will also be provided upon request. These documents may be requested from:

Department of Planning & Community Development
33 S. Arlington Height Road
Arlington Heights, IL 60005
Telephone: 847-368-5200
Email: Planningmail@vah.com

Access to Records

Citizens will have access to records for the preceding five years pertaining to the Consolidated Plan. Persons wishing to review records may do so at the Department of Planning & Community Development during regular business hours. Confidentiality with respect to beneficiaries of programs contained in the Consolidated Plan will be maintained to the extent allowed by law.

Technical Assistance

The Village will provide technical assistance to any individual or group representing low- and moderate-income persons requesting assistance in developing a proposal for funding under the Consolidated Plan. The Village will determine the types and levels of assistance that is appropriate in each case.

Complaints

The Village will respond in writing within 15 working days, where practicable, of receipt of a complaint relative to the Consolidated Plan, substantial amendments, performance reports, or any activities there under.

Exhibit B

2025 CDBG Community Needs Survey Results

2025 Arlington Heights Local Housing Profile

CDBG Community Needs Survey

Number of Responses to Survey: 163

Survey Results
FINAL

04/17/2025

Pick the best fit for your role in the community.

I am a resident of the Village of Arlington Heights (proceed to question 4)	96% (156)
I represent a community organization, business, or other stakeholder in Arlington Heights.	4% (7)

If you represent a community organization, business, or stakeholder, please provide the name of your organization. This question is optional.

Ascension Center for Mental Health (Alexian Brothers)

El Rey Music Center

Access to Care

C.I.T.Y. of Support

World cort

FamilyForward

Wheeling Township

Shelter, Inc.

If you represent a community organization, business, or stakeholder, please select the type of organization/stakeholder. This question is optional.

Business owner or employee	18% (2)
Elected/Appointed Official	27% (3)
Health and Social Services	27% (3)
Housing and Real Estate	0% (0)
Local Unit of Government	9% (1)
Religious	0% (0)
Other (please explain)	18% (2)

Select the top 3 COMMUNITY SERVICE needs that you feel should be addressed with CDBG funds.

Anti-Crime Programs	40% (65)
Case Management Services	9% (15)
Child Care Services	19% (31)
Counseling Services	18% (29)
Cultural Services	7% (11)
Financial Education	13% (21)
Health Services and Clinics	28% (45)
Language and Literacy Programs	9% (14)
Legal Services	5% (8)
Mental Health Services	39% (64)
Senior Activities	17% (28)
Services for Abused Children	14% (23)
Transportation for Seniors and Persons with Disabilities to Medical Appointments	37% (60)
Other Transportation Services	11% (18)
Youth Activities	15% (24)
Other (please explain below)	6% (10)
None of the above	0% (0)

Provide any comments on COMMUNITY SERVICE needs.

More ordinances that prevent elderly and mentally impaired homeowners from renting their homes to felons, drug dealers, dangerous, and unstable people. AHPD said there is nothing they can do unless some ordinances are passed to address this unique but potentially growing issue. If the economy gets worse more people might rent out rooms and then entire blocks will be like homeless shelters and air bnbs.

We should expand safe transportation options, including safe walking and biking facilities, for all ages and especially children

More police patrols and traffic enforcement

Funding for interim housing for homeless people.

More activities are needed for young children at the library and park district

Cut out fees for playing pickleball at the park districts

Affordable housing for seniors

Are these the only options?

AH needs a better crosswalk situation on Euclid (i.e. Wilshire to Windsor)

Other than anti-crime, money should not be used for additional programs listed, especially for salaries. We need to keep the size and scope of our government small. Adding headcount / salary / pension burden via a grant risks dependence that is difficult to downsize when the grant runs out. Illinois residents currently pay the highest tax burden in the nation yet have the highest crime. Other than crime prevention, we need less government, not more.

Community services seem to be pretty decent. I think a better crosswalk somewhere across Euclid by Gibbons or Wilshire is needed. More bike lanes and public info for drivers around bikes is needed as wel

Mental health/ more police presence/ discounts for seniors and NO PROPERTY TAX hikes for seniors

I feel that Arlington Heights does that have anywhere near an adequate level of public transportation. I find it hard to believe, considering it host the headquarters for PACE. I think it makes it difficult for our businesses to attract employees who don’t have their personal transportation. In for our residents who don’t have personal transportation to be able to access employment, opportunities within the village, the library, the recreation center and other village services.

Safe walking to school, crosswalks across euclid

I want the money to go to people who actually LIVE in AH, not attracting outsiders to come such as what they do at the library. And I'm sick of outside groups coming in to bring their low income housing. We pay super high taxes and we're tired of our taxes going to other groups,

Connections for the high density areas that are not car centric. Make it easier and safer for people in these areas around town, as the high density areas of apartments and lower-costiving areas are often isolated from shops and other businesses or services unless you have a car. More public transport and better bike/pedestrian infrastructure.

Let your police do their jobs, I know it’s hard with the courts.

Children with disabilities and their families require assistance from nonprofit organization such as ours to help provide accessible, inclusive, and supportive programming, so they know they are not alone in our community.

Intern

Affordable Housing efforts for seniors AND low-income residents of Arlington Heights

There are so many people, especially seniors, who do not have options for affordable housing. We need more options in this area because of the long wait times for getting accepted into current affordable senior housing buildings. Mental health services should also include preventive services, which includes affordable, safe housing. Case management is always a need in the community because case managers are always overworked and have case loads too big to handle. It's always a benefit to add more of this service to a community to help more residents and to also lower case loads to a manageable amount for staff.

Affordable Housing

Helping residents with credit issue to buy homes and afford them in this area.

replacing lead water pipes

More police and police presence on our streets

Select the top 3 HOUSING needs that you feel should be addressed with CDBG funds.

Affordable Rental Housing	39% (64)
Affordable Senior Housing	47% (77)
Aging in Place	42% (68)
Emergency Shelter	13% (22)
Energy Efficiency Improvements	25% (40)
Fair Housing Services and Enforcement	14% (23)
Foreclosure Prevention	6% (9)
Home Improvement Programs	27% (44)
Homeownership Assistance	15% (24)
Housing for People with Disabilities	18% (29)
Lead-Based Paint Testing and Abatement	12% (19)
Rental Assistance	11% (18)
Other (please explain below)	3% (5)
None of the above	2% (4)

Provide any comments on HOUSING needs.

Subsidizing home mold testing

Need places for seniors to stay in Arlington Heights

Incentives to reduce teardowns, promote historic preservation

Let's avoid what we did with the 212 N Dunton project

Affordable Housing units are directly correlated to higher crime. Any grant dollars which require HUD affordable housing development should be declined and/or returned.

Housing costs are crazy. Young families moving in is the lifeblood of the community. Many times these families are stretched thin by the housing costs and can't make necessary upgrades to their homes leading to tear downs and "McMansions" popping up. Money/assistance for young families to upgrade instead of all these tear downs would be great

Limit section 8 housing

I feel that our village has a number of senior citizens and long-term residence. We are having difficulties meeting their current home maintenance needs due to being on a fixed income. I'd like to see funding provided to helping these Citizens be able to maintain your property to meet the established status of the community.

Apartment rent is too high.

Stop ghettoizing AH with all the low income. We see the crime and the trash and don't feel safe in our neighborhood anymore.

Relaxed zoning laws so that single family homes can be converted into duplexes or triplexes, or smaller minimum lot sizes so more homes can be built in a neighborhood. This will allow smaller developers to build multi-unit housing, increasing our housing stock and making rents cheaper through market forces, not government funding.

Young people who are in entry level jobs cant afford to rent a 1 bedroom apartment in town. There is no housing for entry level or low skill employees.

Any programs need to be limited to Villagers of Arlington Heights only. So if you haven't been a resident AH for a certain number of years, not eligible. If the state, county or federal rules prohibit that, then scrap the program.

These housing services should be allocated to AH residents only. Not The Migrants and not residents of Chicago

Please help keep rent under control

The village needs to review building codes that increase building costs an create barriers to affiedable housing. Many codes adopted in the name of life safety address situations that are extremely unlikely to happen. Regulation is important for safe, well built structures, but you can not regulate away every possible scenario. I real cost benefit analysis needs to be applied. It is important to be honest in assessing if they are benefitting to home owner or the builder/sub contractor by guaremteeing them more work.

Lead pipes

Have a mix of moderate and high end residential units

VAH needs to do more to support the inclusionary housing ordinance. I'd suggest we double the number of units that are affordable to be 15%, instead of 7.5%. Buildings then could take advantage of the Affordable Housing Special Assessment Program (info at AHDA).

Our elderly should be helped to stay in their homes and not priced out of them.

Many of the smaller homes in the downtown area are prone to teardown. These homes are desirable to first-time buyers who are looking to become residents and seniors looking to downsize and stay in the area. Some homes may need work, or have fallen into disrepair. Can we allocate some funds to ensuring our housing stock of single family homes remains diverse and equitable for more people, and not just developers and the buyers of $1M homes?

If there is one need in this community, it is affordable housing for families and seniors. I did not check the box for aging in place, but providing affordable senior housing in our community is one of the best options to age in place. I work in the Senior & Disability Services office at Wheeling Township and we have several older adults in our offices each week asking about housing options. One in particular shared that their spouse died and couldn't afford their home anymore, but also couldn't afford market prices while on a fixed Social Security income. Living in hotels becomes an unsustainable option, and then becoming homeless is what happens next because the wait lists for the very limited affordable senior housing options are on average 3-5 years long. Providing homeowner assistance would also provide aging in place for our community. I met with a client recently who lives on a little over $2,000 a month and is doing okay except for the fact that property taxes are so high and she cannot afford them. This makes it difficult for her to care for herself financially, and because her income is "too high" for low income programs, she cannot get other financial assistance from other public benefits.

Need larger inventory of housing that is affordable for middle and lower income families.

Our town has a significantly worse supply of housing than other suburbs causing high rent and ownership prices. There are massive vacant lots in the downtown and the racetrack sits unused with talks of turning it into an "entertainment" district of talks with the Bears fall through. There needs to be more development of affordable housing similar to Crescent Place. 750k new build condos are not the solution. Multi use

buildings are fine but there either needs to be caps on rent or avenues and assistances for people to purchase and RESIDE in the properties. Bring more people in and you get more commerce and tax revenue.

More assistance for long time Arlington Heights residents and Less section 8

Instead of building affordable housing/rental units, developers have been getting away with putting money into the Village affordable housing fund. That is not enough to build affordable housing. We need to actually BUILD physical buildings to house people who work in our city with rents/mortgages that they can afford. The million dollar mansions and rentals units that are more than $1800/month are impossible for people to afford.

Very difficult to choose 3. Needs are extensive.

Select the top 3 COMMUNITY FACILITY needs that you feel should be addressed with CDBG funds.

Child Care Centers	40% (66)
Health Care Facilities	31% (50)
Libraries	33% (54)
Parks and Recreational Facilities	53% (86)
Schools	34% (55)
Senior Centers	31% (50)
Youth Centers	30% (49)
Other (please explain below)	2% (3)
None of the above	6% (9)

Provide any comments on COMMUNITY FACILITY needs.

More open, green spaces like co-op gardening, greenhouse, and a dog park. These will build community and social well-being.

Mental Health centers

Better quality child care facilities with trained professionals to prevent the actions of South Kindercare

None for the same reasons as mentioned before. Also, library services should be reduced. The property tax Levy is excessive for this artifact.

Parks parks parks. Other communities have new parks, we seem to be falling behind. Keep green space too! Fields next to playgrounds shouldn’t be tore up for any reason (see Klehm Park)

Many of the items such as the library, our separate taxing bodies and the villages. And that the villagesCBDG funds Should not be used to improve other taxing bodies services or facilities. But that these funds are for the village to improve its services and facilities.

Solar panels on community facilities

Seniors have been given short shrift by AH. The senior center is in an awkward location and doesn't even have a proper walking path. What passes as one is just walking through the building. Why not let seniors use the ARC track for free?

Arlington international 1/25 cars

Utilizing existing should be stressed

Emergency housing/shelter for families facing homelessness. Something like Evanston has done with the Margarita Inn and Connections for the Homeless.

Young families cannot afford the cost of day care. Affordable day care is a huge need in our community.

Support for unhoused people

Select the top 3 SPECIALIZED SERVICE needs that you feel should be addressed with CDBG funds.

Domestic Violence Services and Centers	26% (42)
Education/Job Training	33% (54)
Food Pantries	33% (54)
Handicapped Accessibility	15% (24)
HIV/AIDS Services and Centers	1% (1)
Homeless Services and Shelters	31% (50)
Mental Health	39% (63)
Senior Services	28% (45)
Services and Centers for Neglected/Abused Children	22% (36)
Services and Centers for Persons with Disabilities	22% (36)
Substance Abuse Services and Centers	15% (25)
Other (please explain below)	1% (1)
None of the above	3% (5)

Provide any comments on SPECIALIZED SERVICE needs.

Emergency vehicles provided for seniors

Everything is expensive, especially food. More funds to the food pantry would be nice

I believe it’s within the village’s mission to provide services with these funds for individuals with disabilities and our seniors to be Better able to access city businesses, such as grocery stores, healthcare, facilities, and The village’s events, and facilities.

You're focusing on all the victim groups. I guess that's par for the course in Illinois. AH sure has deteriorated thanks to liberal policies.

Probably a good idea to put in place services for people to learn new skills after losing a job they have had for 25 years.

We have to prioritize the needs of people with disabilities and their families in order to provide them with accessibility to equal rights within our community.

AH should do everything possible to keep our elderly in their homes and our community.

The number of evictions continues to grow, and we need an emergency shelter for families who find themselves on the street (usually living out of their cars).

Select the top 3 JOB AND BUSINESS needs that you feel should be addressed with CDBG funds.

Commercial and Industrial Rehabilitation	32% (52)
Employment Training	50% (82)
Facade Improvement	21% (34)
Job Creation and Retention	54% (88)
Small Business Technical Assistance	38% (62)
Start Up Business Assistance	45% (73)
Other (please explain below)	2% (3)
None of the above	10% (16)

Provide any comments on JOB AND BUSINESS needs.

More opportunities for Trades training, ie electrical apprentice, general construction

Small businesses need help. Amazon, Walmart, etc crush them with economies of scale. Assistance for small businesses is crucial to keeping AH a desirable suburb to visit

I selected three items in this question because that was what was asked to me. But I do not believe that Camille Black development grand funds should be used. Job and business needs. Unless it was to help assist those looking for employment to develop the skills to find employment.

Lower property lease cost for small businesses

waste of money. AH, especially the library, has been profligate with taxpayers money.

Removal of parking mandates so that small businesses can start up without having to pay for unnecessary parking spaces.

Reducing the number of vacant storefronts by helping to make the rent more affordable, especially to smaller businesses/organizations. Tax deductions for keeping spaces vacant only reduce city business/income.

Local839

Need more training opportunities for the trades.

Arlington Heights is finally seeing a revitalization in the downtown. It is filled with unique businesses. Many of these places struggle with the insane rent prices in the downtown. Margins are incredibly narrow and the smallest things can shut a business down. Reward businesses for staying open and employing Arlington Heights residents. Punish chains that push local businesses out. We don't need Panera back. Why is the theater sitting vacant. The more unique businesses the higher the draw is to the downtown in general. Arlington Heights is close to becoming a destination. Al Fresco looks sloppy and half baked. Cobblestone the streets and make it permanent. Long Grove shouldn't be the Hallmark movie filming location when we have the better commerce.

alternate usages for vacant stores/shops

Select the top 3 NEIGHBORHOOD SERVICE needs.

Code Enforcement Services	24% (39)
Neighborhood Watch Programs	39% (64)
Police Service	49% (80)
Recycling Service	35% (57)
Trash Removal Service	21% (34)
Tree Planting/Preservation	61% (99)
Other (please explain below)	9% (14)
None of the above	5% (8)

Provide any comments on NEIGHBORHOOD SERVICE needs.

Needs to be more collaboration among village depts and services. They are too siloed.

Speeding on neighborhood streets is too high and is largely ignored by the Police.

Replacing lead pipes

historic preservation

Foster more neighborhood get-togethers to provide more opportunities for neighbors to get to know each other better

We need to keep our ash trees healthy.

Wish we had textile and/or composting through groot

CERT, Green space preservation (rather than seeking development of every piece of green space)

Leaf pickup in fall should be free.

The greatest need that I see within my community is street lights. I live in a 700 block of S. Chestnut Ave. and at night the streets are dark in this neighborhood. There is an inadequate number of street lights and those that are provided on the corners are not bright enough to do their jobs. I feel that this is the number one need for my community.

Safe crossing crosswalks flashing lights to cross Euclid

Plant diverse species of trees & care for them after they are planted.

Let us rake our leaves into the street like surrounding suburbs do.

Cross guards at more than intersections right by the school. Help parents feel safer having their kids walk or bike to school by creating a network of people to help watch the kids as they go to school and ensure their safety at intersections.

Work with Groot to get ride of landscape bags and have only landscape bins. Enforcement of sump pump discharge, leaves being raked into street, bushed impending sidewalks.

Police keeping our neighborhood safe and making AH look nice

If you can’t keep the criminals out, nothing else matters.

Parents receive a letter from the school with every report of a scary incident of an adult approaching a child suspiciously, often to/from their walk to school/home. Can there be more that is done to ensure the safety of kids in our neighborhood from these potential predators?

Jonny apple seed

Our neighborhoods are great in our community and we need to keep them that way to include safety and beautification.

Can we do better on recycling education and/or reducing the amount of usable items we put in landfills? For instance, we have a local not-for-profit, Habitat for Humanity ReStore that may benefit from larger usable items that residents often throw out. Separately, it's really great that the village occasionally offers the paint recycling days, etc. and would love to see more of these types of events.

Speed cameras on euclid

Sidewalk repair

We need more recycling education to direct households.

Compost services. Community gardens.

Take care of the stuff we need and stop being so nosey. 4 police cars do not need to be there for a traffic violation. If I’m sitting on the side of the road painting an underpass, TWO cops don’t need to roll up to see what I’m doing. Mind your business and take out my trash. Make sure my trees are alive.

MORE POLICE on the force and more police presence on our streets

Specific to recycling more on nonstandard sustainability programs such as composting

Select the top 3 INFRASTRUCTURE needs that you feel should be addressed with CDBG funds.

Bike Path Improvements	30% (49)
Drainage Improvements	40% (66)
Sidewalk Improvements	46% (75)
Street Improvements	44% (72)
Street Lighting Improvements	26% (43)
Traffic Congestion	23% (38)
Water and Sewer Improvements	44% (71)
Other (please explain below)	7% (12)
None of the above	2% (3)

Provide any comments on INFRASTRUCTURE needs.

The village needs to prioritize burying utility lines. It is a need in terms of infrastructure stability as well as related to green space, where certain blocks can only plant certain types of trees to accommodate power lines

Would like sidewalks to be smooth walking paths. Make the entire city walking friendly

We have an incomplete bike and sidewalk network especially when construction occurs. We need to build system resiliency so multiple options are available, and expand bike racks including to apartments - bike theft is a major concern for youth.

Need sidewalks in all residential areas and water quality needs to be improved

Lower prices on water and sewer. My bill has more than tripled because of something that's been added on in the last few years

Stop sign posting so confusing and dangerous

There needs to be a better crosswalk on Euclid by Wilshire/Windsor. Kids in the neighborhood attend South and Prospect, making it very dangerous for them to get to school or friends' houses across the busy street.

1) I live in Arlington Terrace. The home owner fences look terrible and don't block noise. Could Arlington Hts. build sound walls of nice fencing like Glenview has done on Willow or Lake (Euclid) Roads. 2) Also, the frontage road along Palatine Rd. has two lanes but really only 1 lane is ever used. Could 1 of the 2 local lanes be converted into a bike lane. 3) In Arlington Terrace there needs to be a walking path for the neighborhood kids to get to Hersey on the west side. Currently kids cut through my backyard to get to Hersey so they don't have to walk farther east to Waterman. So there needs to be a direct North/South path linking the west side of Arlington Terrace neighborhood to the west side or Hersey High School (just north of the Tony's parking lot. The path would link the townhome development to Arlington Terrace and would also provide the adults with better walking path options.

Stream and adjacent property-rehabilitation and ongoing care

Bike paths and street crossing over Euclid by Gibbons/Wilshire! Maybe just a big pub ed program so drivers can be re-educated to drive safe around bike and yield to people (especially kids) trying to cross streets. Make this happen!

If you use community, Black development grant funds to enhance our water sewer and drainage systems helps develop a stronger infrastructure for our community and thus attract development. I also feel as I stated above that public transportation should be a high priority for the village. And this will assist in reducing traffic congestion.

Crosswalk lights across Euclid- Windsor,

Westgate neighborhood needs diverse trees species to be planted due to trees being cut down.

Pedestrian safety at intersections, like jut outs, islands, etc. to get more use out of the funds, shoot for temporary ones that let us test these out at a large amount of places before spending money for permanent installs. Plastic bollards, color painting, etc.

White Oak from Wilke to AH rd, more street light in areas with no sidewalks to help make pedestrians in the street more visible.

Clean up debris and road fixing

Bury utility lines

Add stop signs on side streets close to downtown

Granite

Bike path improvements would be great but not at the expense of losing or narrowing of our current roads.

Can we offer more financial assistance to homeowners needing to replace their portion of lead pipes underground? Other towns seem to be able to pay for more of the resident portion. As an affected homeowner it's still several thousand dollars, even after the village's existing rebate.

Truck traffic on Euclid should be minimized

Lighting by North School Park is very dim.

Need water and sewer and drainage improvements given the growing number of extreme weather events.

There's always going to be a pothole.

Street cleanning

Lead service line replacement: eliminate costs for homeowners.

Select the top 3 COMMUNITY PRIORITIES that should be addressed with CDBG funding over the next 5 years.

Affordable Housing	41% (67)
Business Assistance	12% (19)
Child Care Assistance	18% (30)
Code Enforcement Services	4% (7)
Crime Prevention	34% (56)
Drainage Improvements	15% (25)
Employment Training	9% (14)
Energy Efficiency	12% (20)
Foreclosures	1% (1)
Health Services	7% (12)
Home Improvement Program	10% (17)
Homeless Prevention and Support	22% (36)
Mental Health	18% (30)
Pedestrian Accessibility	12% (20)
Persons with Disabilities	9% (14)
Public Transportation	10% (17)
Recycling and Trash Services	2% (4)
Senior Citizens	17% (27)
Substance Abuse	1% (1)
Traffic Congestion	5% (8)
Vacant Lots and Buildings	16% (26)
Youth Programs	6% (10)
Other (please explain below)	2% (3)

None of the above	1% (1)

Provide any comments on COMMUNITY PRIORITIES.

I believe that providing services to our seniors those who are disabled and those who have lived in our community for a long time but now find themselves on a fixed income and unable to meet community standards for their homes should be our first priorities with Community Development Block Grant funds

Crosswalks Euclid& Windsor

Reorient the staff to actually be responsive and serve the people and businesses. Do the basics of government correct before all the extra stuff. VAH staff generally forget they work for the people. People, developers, contractors who are in a position to improve our village widely recognize VAH as a terribly difficult place to get projects done, and VAH is often disparaged as such and it's very embarrassing.

We should look at converting some of the eyesores of vacant lots and commercial aged buildings into Affordable Housing.

If one thing should be funded, it should be for more affordable senior housing to provide more access to safe and affordable housing. This is part of providing preventive mental health services and aging in place.

Young families cannot afford to live in Arlington Heights. Need larger inventory of housing that is affordable.

Vacant lots and buildings should also be fully addressed but is easily solved by addressing affordable housing.

Safe places for teenagers to mingle

Mobile electronics disposal service to pick up at households.

Afffordable House as defined by AH standards does not work for so many people. Please look at the minimum wage or even the wage of teacher assistants in D25 and see if they would be able to afford to live in our current 2 affordable housing complexes - ParkView or Crescent Place - if there was a single parent with one income, no child support, paying all the bills. The residents of AH were sold a bill of goods when promised that our local lower income residents would be able to move into these apartments. Instead people from other areas, including Chicago and other suburbs, are now living in them. The rents are too high.

Again very hard to pick just 3

What are the PRIMARY OBSTACLES facing the low- and moderate-income residents of our community?

Access to High-Speed Internet	15% (24)
Crime/Violence	22% (36)
Lack of Education Opportunities	20% (33)
Language/Literacy Skills	22% (36)
Mental Health Issues	34% (55)
Nutrition/Physical Activity	20% (33)
Racism/Discrimination	17% (28)
Lack of Social/Recreational Opportunities	12% (20)
Transportation Issues	40% (66)
Other (please explain below)	13% (21)
None of the above	10% (17)

Please provide any comments you may have on OBSTACLES facing the low- and moderate-income residents.

I think AH officials don't realize how the needs of the community are changing. They need to be more responsive and forward thinking.

Affordable childcare

Severe lack of affordable housing units in Arlington Heights compared to population, especially family subsidies (non section 202/8)

Support single mothers in efforts to force fathers to provide financial support for their children.

Affordable housing, and entry level housing for public employees, and lower income residents.

Not sure

Note that low income residents (and visitors) are often the CAUSE of crime. Therefore, I oppose implementing HUD programs to increase the low income population.

Unknown

Limit toxic food choices re: sugary drinks and toxic ingredients in food items with the snap food program

I believe our community should provide services for those who lack skills for proper employment, lack access to mental health services and provide proper public transportation.

Moderate income longtime residents are being priced out of their homes because of the onerous property taxes to support all the deadbeats.

Lack of affordable housing in AH, struggle to afford improvements to home.

They have low income, and nothing VAH does is going to change that.

I don't know

Affordable housing

Access to childcare

Cost of living

Lack of affordable housing is a HUGE issue for anyone that makes under $64k in our Village. We need options for people that work in VAH that want to live here. Solutions for teachers, police, fire, aides, essential works, etc.

Lack of desire to assimilate.

In addition, there needs to be more programs that offer biliteracy to engage local community members that spea more than one language but still needs enriching experiencing with socializing.

The primary obstacle of low and moderate income residents is the obvious lack of money. Everything is more difficult and stressful, and that certainly doesn't help one's mental health. Education and transportation are also important.

I think there are very few obstacles for these residents

Affordable housing is the biggest obstacle for lower to moderate income residents, especially seniors who are living a fixed income. A third obstacle is that residents do not know what available resources/programs they qualify for. More focused outreach is needed in our community to share resources with people and help them apply for the benefits they are eligible for. It is not enough to share about it on social media platforms. I recommend going to current affordable housing locations and providing incentives to gain the feedback from residents through focus groups. We also have many residents who are bilingual and English is not their first language. We need more outreach that ensures residents understand what services are available in their native language

Housing is the biggest issue for moderate income residents.

Affording housing

crime is up in AH. Need to address the hotels and low income housing crime areas

We need to address that racism and discrimination is not blatantly committing hate crimes. This village has been predominantly white and wealthy and the inherent structure of the township will continue to enforce that power dynamic. Addressing ALL people's low income problems will increase diversity in this town which I believe makes a great town the best town. I don't believe any of the obstacles listed entirely address the problem but ultimately would love to see some sort of small scale jobs program as well as any amount of government assistance for basic needs which as listed above could be as simple as access to internet and phone coverage. You can't get a job if they can't reach you. Literacy and language is always important.

Enter nutrition in schools /more healthy grocery stores

Hight properties taxes

Affordable housing

Lack of affordable housing

Affordable housing.

Housing affordability/attainability

Which CDBG-funded ECONOMIC DEVELOPMENT activities would most benefit the community if supported with CDBG funding? CDBG funds may be used for LIMITED economic development activities that demonstrate specific benefits to low- and moderate-income individuals or neighborhoods.

Activities carried out by Community-Based Development Organizations (CBDOs)	28% (45)
Vacant or Underutilized Commercial or Industrial Buildings undertaken for use by Nonprofit Organizations or Public Entities	45% (73)
Grants, Loans, or Loan Guarantees for Private, For-Profit Businesses	23% (37)
Job Training	50% (81)
Microenterprise Development	13% (22)
Public Facilities/Public Improvements to support Economic Development Projects	45% (73)
Technical Assistance to Businesses	15% (24)
Other (please explain below)	2% (4)
None of the above	8% (13)

Please provide any comments you may have on housing and community development needs and priorities.

Senior housing. One floor moderate size units

I believe that improvement of public services that would assist in economical development should be the villages for his priority. And the top priority I believe on that list of activities should be public transportation.

Water/sewer line replacement grants

We want to support small businesses but property leases are too high.

Improved transit options so people can get to jobs without needing cars.

It would be helpful to have more transparency for the demographics, needs, and decisions being made regarding housing needs.

Get rid of ugly half vacant commercial properties, and turn them into attractive affordable housing options.

Lack of affordable housing. Would like to see unused office space or motels/hotels converted to housing for low-income families.

Housing affordable

The second bullet point about vacant lots is important however should be expanded beyond just non profit and public entity use.

We should having housing/rental properties that people who work here as teachers, restaurant workers, healthcare, etc can afford to live in our community.

See comments below on 5-year priorities.

How do you find out about programs benefitting you and other local residents? Select the 3 most effective forms of outreach.

Brochures and Pamphlets	21% (35)
Community Festivals	17% (27)
Community Outreach Programs	15% (24)
Educational Videos	1% (1)
Flyers and Posters	18% (29)
Newspaper Articles	28% (45)
Partnerships with Local Organizations	21% (34)
Public Forums and Meetings	15% (24)
Resource Fairs	4% (6)
Social Media Campaigns	39% (63)
Television and Radio Advertisements	4% (6)
Volunteer Opportunities	8% (13)
Website Content and Online Databases	47% (77)
Workshops and Seminars	6% (10)
Other	7% (12)
None of the above	3% (5)

Do you have any other comments about priorities for the next 5 years of CDBG funding?

No

Affordable housing should be a priority along with mental health and senior services.

Maintain e-mail list to notify major issues to e discussed in village board meetings

homeless help, health services for lower income, zoning changes for more housing availability

Bring back Friday evening Harmony Park concerts

Email

no

Know who you are letting into our communities by vetting . Limit inviting low income residents

I believe the number one priority for the village should be public public transportation. This will assist our seniors in accessing healthcare stores and community activities. They will assist individuals to access employment opportunities within the village. It will assist guests in our community to access our downtown or North and business district in potentially a new stadium without increasing traffic congestion within our community.

If there is no bus school, there must be safe walking options. Attempting to cross Euclid at Windsor, or Wilshire or Gibbons in a crosswalk is unsafe, if one car does stop for you, it almost causes an accident.

Relaxing rules and providing avenues for local and small developers to build things like small multi-unit houses or small businesses.

Please consider funding for smaller organizations within the community, as their impact is hyper-local and in-step with the needs of our particular town.

The lead pipe replacement cost is an enormous expense to a resident/affected homeowner. Even with the Village's rebate involved it is still several thousand dollars. Other municipalities seem to be able to cover more for the homeowner. Can we look into how the Village can help residents further on this?

It's hard to choose just three in this category because doing a variety of all of them in necessary to ensure all people have accessibility to information on programs. Partnerships with organizations is crucial because then everyone works together to get the word out and provide teamwork to help residents. (Ex:having flyers/posters at local businesses and where staff can direct people to call organizations about programs). Everyone has to be willing to share about local programs instead of relying on everyone to read the newsletter or social media posts. But having television and radio advertisements allows the masses to learn more about programs and gets them to call/visit. Overlapping these opportunities is important, and to provide them in all in languages.

Providing a larger inventory of housing that is affordable for middle and lower income families.

Google

Library

Keep low-income housing out of Arlington Heights. Just look at the low-performing schools and high crime in those towns that do have low-income housing.

Better bands for festivals

SOCIAL MEDIA. I find out about anything NOT in Arlington Heights through social media yet I reply on the Libraries mailer to actually see what they are doing? Social media needs to move beyond just HAVING social media and actually using it effectively.

I log into VAH website and search

Support the families in our community who find themselves living on the edge of poverty and homelessness.

Housing attainability is top issue. Keeping people housed, re-housing those who have lost homes, to include mental health support as needed, and developing housing stock that allows more people who work in the Village to live here.

How did you hear about this survey?

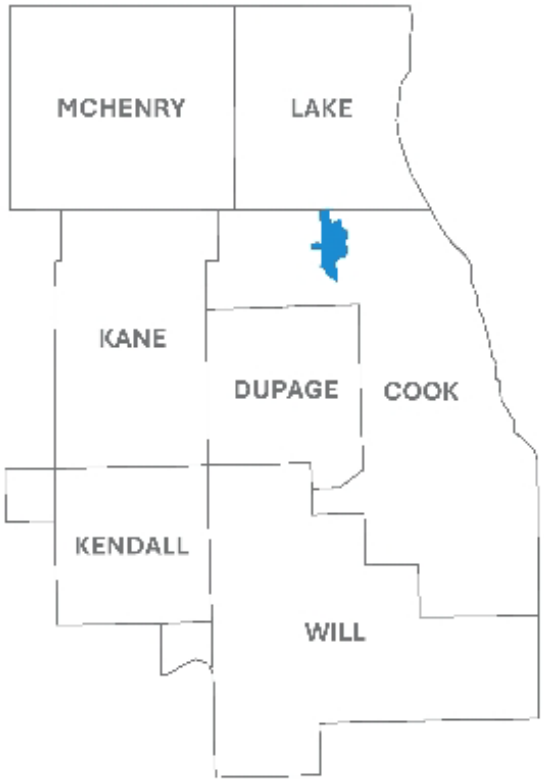
Email Invitation	28% (45)
Flyer	0% (0)
Newsletter	14% (23)
Social Media	28% (45)
Social Service Provider	2% (3)
Survey Event	1% (1)
Website	21% (34)
Other	7% (11)

Local Housing Profile

April 2025

Arlington Heights

Local Housing Profile
Municipality series



Developed in partnership with:
INSTITUTE FOR HOUSING STUDIES at DePaul University

Chicago Metropolitan Agency for Planning

Chicago Metropolitan Agency for Planning

About the Local Housing Profiles

The Local Housing Profiles are a curated set of housing data. The Chicago Metropolitan Agency for Planning (CMAP) provides these profiles for each of the 7 counties, 285 municipalities, and Chicago community areas (CCA) in northeastern Illinois.

Developed in partnership with the Institute for Housing Studies at DePaul University (IHS), the Local Housing Profiles can be used by residents, practitioners, planners, and policymakers to understand the latest data on a community's housing demand, supply, and affordability relative to regional trends. These reports include data from a number of sources, including socioeconomic, demographic, and housing unit data from the American Community Survey (ACS), and key housing market indicators generated from parcel-level administrative data and collected by the IHS via its Data Clearinghouse.

If you or someone you know does not have safe and permanent housing, you can dial 211 or visit 211metrochicago.org to find help. Available across northeastern Illinois, 211 is a free, 24-hour service that connects residents to housing, food, utility payment assistance, healthcare, transportation, childcare, jobs, mental health, and more.

CMAP will update the Local Housing Profiles each year to reflect the most recent data available. The latest version is available on the CMAP website at cmap.is/local-housing-profiles. The data tables are also available on the CMAP Data Hub. Please send questions to info@cmap.illinois.gov.

To improve these profiles in the future, CMAP wants to hear from you! Please take a quick survey to describe how you use this data and what you would like to see in future Local Housing Profiles.

User notes

Coverage

This snapshot is for Arlington Heights, which does *not* extend beyond the seven counties of northeastern Illinois. For communities that extend beyond the CMAP region (for example, Sandwich, IL, extends into DeKalb County), data available from the IHS Clearinghouse (including market data and data on new homebuyers) includes only the portion that is within the seven counties. Municipal-level data derived from the ACS includes the entire municipality.

Data availability

Data on homelessness are not included in these profiles due to data availability and consistency.

Data from the IHS Data Clearinghouse on residential sales, mortgages, and foreclosure activity are not available for geographies within Kendall County. Additionally, data on new homebuyers are not available for a small number of municipalities where the underlying data are not well represented at the municipal level. This snapshot is for Arlington Heights which is well represented by the analysis.

American Community Survey definitions

For data derived from the ACS, the Local Housing Profiles use terminology based on the ACS subject definitions. Definitions for certain ACS-derived indicators are included below some data tables.

IHS Data Clearinghouse definitions

The data derived from the IHS Data Clearinghouse include aggregated, parcel-level administrative data on all single-family; condominium; two- to four-unit; five-or-more-unit building sales (from deed recordings); mortgage loans (from lien recordings); and new foreclosure filings (from circuit court filings). Loan level data are sourced from the Home Mortgage Disclosure Act (HMDA) for first-lien, owner-occupied, home purchase loans of one- to four-unit properties. Additional definitions for certain IHS-derived indicators are included below some data tables.

Margins of error

The ACS is a sample-based data product. Exercise caution when using data from low-population communities, as the margins of error are often large compared to the estimates. Indicators for this project were selected to minimize the impact of high margins of error where possible. For more details on sample sizes and ACS guidance, please refer to the ACS sample size and data quality methodology. Data from the IHS Data Clearinghouse do not have margin of error concerns.

Mean of median values for ACS data

For aggregated geographies (CCAs and the CMAP region) where the underlying ACS tract-level data are reported as medians (like median gross rent or median income), a mean of median values is calculated and reported. For non-aggregated geographies (municipalities and counties), the median is reported.

Mean of median values for HMDA data

Home Mortgage Disclosure Act data are loan-level data that include only the census tract as the geographic indicator due to privacy concerns. Census tracts follow CCA, county, CMAP region, and some municipal boundaries. For areas where the tracts align, the median value for homebuyer income, purchase price, and loan amount are reported. However, most municipalities do not have boundaries that align with census tracts. For these communities, the IHS conducted geospatial and other analyses to identify tract relationships to CMAP region municipalities and estimate mean of median values. For more on this methodology, contact housingstudies@depaul.edu.

Comparing ACS data across past years

ACS five-year estimates are rolling samples that span a five-year period. When exploring trends, overlapping estimates should not be compared. The Census Bureau provides guidance for comparing ACS data over time. Please contact CMAP at info@cmap.illinois.gov if you have additional questions.

Data for all households

These tables summarize the general demographic and social characteristics of all households in Arlington Heights. The data provide useful context about the residents of a community for indicators that cannot be separated by owner or renter households due to sample size issues.

Housing tenure, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Owner-occupied	22,914	73.3	1,198,834	57.5	2,116,804	64.6
Renter-occupied	8,334	26.7	885,744	42.5	1,159,292	35.4
Total occupied households	31,248	100.0	2,084,578	100.0	3,276,096	100.0

Source: 2019-2023 American Community Survey five-year estimates, B25003 - Tenure | Universe: Occupied households

Head of household age, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
15 to 24	302	1.0	66,654	3.2	91,412	2.8
25 to 34	3,675	11.8	374,894	18.0	530,504	16.2
35 to 44	5,836	18.7	388,806	18.7	612,833	18.7
45 to 54	6,119	19.6	362,799	17.4	601,796	18.4
55 to 64	5,805	18.6	373,207	17.9	617,825	18.9
65 to 74	5,003	16.0	299,184	14.4	480,606	14.7
75 and over	4,508	14.4	219,034	10.5	341,120	10.4
Total occupied households	31,248	100.0	2,084,578	100.0	3,276,096	100.0

Source: 2019-2023 American Community Survey five-year estimates, B25007 - Tenure by age of householder | Universe: Occupied households

Head of household race and ethnicity, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
White (alone)	24,820	79.4	988,792	47.4	1,809,956	55.2
Hispanic or Latino (of any race)	2,193	7.0	412,205	19.8	597,976	18.3
African-American (alone)	924	3.0	480,731	23.1	558,216	17.0
Asian (alone)	2,797	9.0	155,057	7.4	235,642	7.2
Other/multiple races (non-Hispanic)	514	1.6	47,793	2.3	74,306	2.3
Total occupied households	31,248	100.0	2,084,578	100.0	3,276,096	100.0

Source: 2019-2023 American Community Survey five-year estimates, B25006 - Race of householder, B25003H - Tenure (white alone, not Hispanic or Latino householder), B25003I - Tenure (Hispanic or Latino householder) | Universe: Occupied households

Local Housing Profiles | Arlington Heights

Chicago Metropolitan Agency for Planning

Household disability status,* 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
With disability (1 or more people)	6,014	19.2	466,925	22.4	714,430	21.8
No disability	25,234	80.8	1,617,653	77.6	2,561,666	78.2
Total occupied households	31,248	100.0	2,084,578	100.0	3,276,096	100.0

Source: 2019-2023 American Community Survey five-year estimates. B22010 - Receipt of food stamps/SNAP in the past 12 months by disability status for households

Universe: Occupied households

*Disability status is defined as a person with a hearing, vision, cognitive, ambulatory, self-care, and/or independent living disability.

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Housing characteristics and market conditions

These tables provide estimates of housing units in Arlington Heights, categorized by structure size or type, and age, along with key housing market data. The market data includes the density per 100 residential parcels for each data type, enabling comparisons across different areas. Data is not available for Kendall County.

Housing occupancy, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Occupied housing units	31,248	94.6	2,084,578	91.8	3,276,096	93.2
Vacant housing units	1,786	5.4	185,771	8.2	239,417	6.8
Total housing units	33,034	100.0	2,270,349	100.0	3,515,513	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25001 - Housing units

Universe: Housing units

Housing units by type of structure, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
1 unit	20,242	61.3	1,027,143	45.2	2,011,485	57.2
2 to 4 units	1,361	4.1	447,716	19.7	509,798	14.5
5 to 49 units	7,329	22.2	462,530	20.4	595,338	16.9
50 or more units	4,102	12.4	313,984	13.8	368,224	10.5
Mobile home/other*	0	0.0	18,976	0.8	30,668	0.9
Total housing units	33,034	100.0	2,270,349	100.0	3,515,513	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25024 - Units in structure

Universe: Housing units

*Other includes boats, recreational vehicles (RVs), vans, etc.

Housing units by year built, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
1939 or earlier	1,593	4.8	634,463	27.9	731,377	20.8
1940 to 1959	4,974	15.1	482,904	21.3	624,298	17.8
1960 to 1979	14,948	45.3	565,785	24.9	892,565	25.4
1980 to 1999	8,352	25.3	311,897	13.7	699,540	19.9
2000 or later	3,167	9.6	275,300	12.1	567,733	16.1
Total housing units	33,034	100.0	2,270,349	100.0	3,515,513	100.0
Median year built	1973		1961		1984	

Source: 2019-2023 American Community Survey five-year estimates. B25034 - Year structure built, B25035 - Median year structure built

Universe: Housing units

Local Housing Profiles | Arlington Heights

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Residential sales activity,* 2022

	Arlington Heights	Cook County	CMAP region
Number of residential sales	1,400	80,017	125,069
Median residential sales price	$365,000	$290,000	$295,000
Share of sales purchased by investor buyers**	10.1%	14.1%	11.7%
Total sales per 100 residential properties	5.2	5.3	5.0

Source: IHS Data Clearinghouse - IHS analysis of parcel-level administrative data from county assessors, county clerk, and/or recorder of deeds
Universe: Residential properties
*Data are not available for all communities within the CMAP region.
**An investor buyer includes only cases where a business entity appears on the deed as the buyer and does not include investors who are listed on legal documents as individuals.

Residential mortgage activity,* 2022

	Arlington Heights	Cook County	CMAP region
Total loans on residential properties	1,985	116,964	202,403
Total loans per 100 residential properties	7.4	7.8	8.1

Source: IHS Data Clearinghouse - IHS analysis of parcel-level administrative data from county assessors, county clerk, and/or recorder of deeds
Universe: Residential properties
*Mortgage activity includes any new morgage lien for a home purchase, refinance, or home improvement loan. Data are not available for all communities within the CMAP region.

Residential foreclosure filing activity,* 2022

	Arlington Heights	Cook County	CMAP region
Total residential foreclosure filings	76	8,778	13,150
Total foreclosure filings per 100 residential properties	0.3	0.6	0.5

Source: IHS Data Clearinghouse - IHS analysis of parcel-level administrative data from county assessors, county clerk, and/or recorder of deeds
Universe: Residential properties
*Data are not available for all communities within the CMAP region.

7

Data for owner-occupied households and affordability for existing owners and new homebuyers

These tables highlight key economic characteristics for owner-occupied households in Arlington Heights. Specific tables on housing affordability show housing costs and cost-burden status for current homeowners, as well as loan characteristics for recent homebuyers. Data on the median property value and mortgage amount for recent home sales provide context on regional variation in housing costs. Additionally, data on a typical homebuyer's income can help stakeholders create programs for developing new homeowners.

Owner household size, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
1-person household	5,410	23.6	317,503	26.5	486,677	23.0
2-person household	7,925	34.6	379,099	31.6	688,976	32.5
3-person household	3,500	15.3	191,613	16.0	354,379	16.7
4-or-more-person household	6,079	26.5	310,619	25.9	586,772	27.7
Total owner-occupied households	22,914	100.0	1,198,834	100.0	2,116,804	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25009 - Tenure by household size

Universe: Owner-occupied households

Owner household income, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Less than $50,000	3,460	15.1	254,073	21.2	387,562	18.3
$50,000 to $74,999	2,411	10.5	154,491	12.9	263,757	12.5
$75,000 to $99,999	2,114	9.2	152,332	12.7	262,774	12.4
$100,000 to $149,999	4,885	21.3	236,941	19.8	440,556	20.8
$150,000 or more	10,044	43.8	400,997	33.4	762,155	36.0
Total owner-occupied households	22,914	100.0	1,198,834	100.0	2,116,804	100.0
Median owner-occupied household income	$135,335		$106,889		$120,738	

Source: 2019-2023 American Community Survey five-year estimates. B25118 - Tenure by household income in the past 12 months (in 2022 inflation-adjusted dollars), B25119 - Median household income in the past 12 months (in 2022 inflation-adjusted dollars) by tenure

Universe: Owner-occupied households

Local Housing Profiles | Arlington Heights

Chicago Metropolitan Agency for Planning

Owner mortgage status and income, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Total households with mortgage	14,133	61.7	754,757	63.0	1,374,901	65.0
Total households not mortgaged	8,781	38.3	444,077	37.0	741,903	35.0
Total owner-occupied households	22,914	100.0	1,198,834	100.0	2,116,804	100.0
Households with mortgage						
Less than $50,000	1,199	8.5	113,972	15.1	175,136	12.7
$50,000 to $99,999	2,376	16.8	183,949	24.4	322,792	23.5
$100,000 to $149,999	3,214	22.7	159,912	21.2	306,746	22.3
$150,000 or more	7,344	52.0	296,924	39.3	570,227	41.5
Total households with mortgage	14,133	100.0	754,757	100.0	1,374,901	100.0
Households without mortgage						
Less than $50,000	2,261	25.7	140,101	31.5	212,426	28.6
$50,000 to $99,999	2,149	24.5	122,874	27.7	203,739	27.5
$100,000 to $149,999	1,671	19.0	77,029	17.3	133,810	18.0
$150,000 or more	2,700	30.7	104,073	23.4	191,928	25.9
Total households not mortgaged	8,781	100.0	444,077	100.0	741,903	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25098 - Mortgage status by household income in the past 12 months (in 2022 inflation-adjusted dollars)

Universe: Owner-occupied households

Monthly owner costs,* 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Less than $700	1,548	6.8	145,408	12.1	216,396	10.2
$700 to $999	2,953	12.9	159,951	13.3	262,333	12.4
$1,000 to $1,499	4,996	21.8	219,052	18.3	391,765	18.5
$1,500 to $1,999	2,879	12.6	198,897	16.6	365,928	17.3
$2,000 to $2,499	2,543	11.1	159,697	13.3	301,265	14.2
$2,500 to $2,999	2,992	13.1	110,818	9.2	210,864	10.0
$3,000 to $3,499	2,173	9.5	68,428	5.7	131,712	6.2
$3,500 or more	2,830	12.4	136,583	11.4	236,541	11.2
Total owner-occupied households	22,914	100.0	1,198,834	100.0	2,116,804	100.0
Median monthly owner costs for households with a mortgage	$2,631		$2,232		$2,261	
Median monthly owner costs for households without a mortgage	$1,036		$885		$960	

Source: 2019-2023 American Community Survey five-year estimates. B25094 - Selected monthly owner costs, B25088 - Median selected monthly owner costs (dollars) by mortgage status

Universe: Owner-occupied households

*Monthly owner costs include property taxes, insurance, utilities, and mortgage and Homeowner Association costs and fees, if applicable.

Local Housing Profiles | Arlington Heights

Chicago Metropolitan Agency for Planning

Owner cost burden,* 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Not cost burdened (less than 30%)	17,700	77.9	860,015	72.4	1,568,530	74.7
Cost burdened (30% - 50%)	2,525	11.1	178,255	15.0	304,339	14.5
Severely cost burdened (over 50%)	2,494	11.0	149,188	12.6	227,071	10.8
Total owner-occupied households computed	22,719	100.0	1,187,458	100.0	2,099,940	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25091 - Mortgage status by selected monthly owner costs as a percentage of household income in the past 12 months

Universe: Owner households for which cost-burdened status can be computed

*A cost burdened household spends more than 30 percent of their income on housing costs. A household experiencing severe cost burden pays more than 50 percent of their income on housing costs.

Local Housing Profiles | Arlington Heights

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Owner cost burden by income,* 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Less than $20,000						
Not cost burdened	28	2.8	3,653	5.1	4,943	4.8
Cost burdened	172	17.1	8,179	11.4	11,524	11.2
Severely cost burdened	808	80.2	60,103	83.6	86,703	84.0
Total households less than $20,000	1,008	100.0	71,935	100.0	103,170	100.0
$20,000 to $34,999						
Not cost burdened	123	10.9	20,083	25.0	29,590	24.0
Cost burdened	225	20.0	23,101	28.7	36,848	29.9
Severely cost burdened	776	69.0	37,218	46.3	56,700	46.0
Total households $20,000 - $34,999	1,124	100.0	80,402	100.0	123,138	100.0
$35,000 to $49,999						
Not cost burdened	595	52.5	39,782	44.0	62,597	43.4
Cost burdened	244	21.5	26,985	29.9	44,159	30.6
Severely cost burdened	294	25.9	23,593	26.1	37,634	26.1
Total households $35,000 - $49,999	1,133	100.0	90,360	100.0	144,390	100.0
$50,000 to $74,999						
Not cost burdened	1,429	59.3	90,988	58.9	153,798	58.3
Cost burdened	612	25.4	47,078	30.5	82,799	31.4
Severely cost burdened	370	15.3	16,425	10.6	27,160	10.3
Total households $50,000 - $74,999	2,411	100.0	154,491	100.0	263,757	100.0
$75,000 to $99,999						
Not cost burdened	1,609	76.1	111,578	73.2	193,510	73.6
Cost burdened	342	16.2	33,887	22.2	59,028	22.5
Severely cost burdened	163	7.7	6,867	4.5	10,236	3.9
Total households $75,000 - $99,999	2,114	100.0	152,332	100.0	262,774	100.0
$100,000 or more						
Not cost burdened	13,916	93.2	593,931	93.1	1,124,092	93.5
Cost burdened	930	6.2	39,025	6.1	69,981	5.8
Severely cost burdened	83	0.6	4,982	0.8	8,638	0.7
Total households $100,000 or more	14,929	100.0	637,938	100.0	1,202,711	100.0

Source: 2019-2023 American Community Survey five-year estimates, B25095 - Household income by selected monthly owner costs as a percentage of household income in the past 12 months
*A cost burdened household spends more than 30 percent of their income on housing costs. A household experiencing severe cost burden pays more than 50 percent of their income on housing costs.

Universe: Owner households for which cost-burdened status can be computed

Local Housing Profiles | Arlington Heights

Chicago Metropolitan Agency for Planning

Characteristics of recent home purchase loans for one- to four-unit properties,* 2022-2023

	Arlington Heights	Cook County	CMAP region
New homebuyers	1,918	93,002	168,252
Median homebuyer income	$124,175	$101,000	$105,000
Median purchase price**	$392,000	$325,000	$335,000
Median loan amount	$322,000	$285,000	$285,000

Source: IHS Data Clearinghouse - IHS analysis of data from the home mortgage disclosure act of first lien, owner-occupied, one- to four-home purchase loans 2022-2023

Universe: 1 to 4 unit home purchase loans

*Data are not available for all communities within the CMAP region.

**Median purchase price is the value of the property used to calculate the loan-to-value ratio of the loan. The difference between the loan amount and purchase price can serve as a proxy for a downpayment.

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Data for renter-occupied households and rental housing affordability

These tables highlight key economic characteristics for renter-occupied households in Arlington Heights. Specific tables exploring housing affordability include data on renter incomes, rent, and cost burden status.

Renter household size, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
1-person household	3,535	42.4	397,286	44.9	498,940	43.0
2-person household	2,752	33.0	243,785	27.5	319,041	27.5
3-person household	1,071	12.9	109,890	12.4	149,639	12.9
4-or-more-person household	976	11.7	134,783	15.2	191,672	16.5
Total renter-occupied households	8,334	100.0	885,744	100.0	1,159,292	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25009 - Tenure by household size

Universe: Renter-occupied households

Renter household income, 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Less than $25,000	1,609	19.3	226,803	25.6	280,927	24.2
$25,000 to $34,999	266	3.2	80,697	9.1	103,573	8.9
$35,000 to $49,999	646	7.8	109,476	12.4	143,394	12.4
$50,000 to $74,999	1,169	14.0	143,073	16.2	194,386	16.8
$75,000 to $99,999	1,601	19.2	104,333	11.8	145,050	12.5
$100,000 to $149,999	1,634	19.6	119,205	13.5	161,247	13.9
$150,000 or more	1,409	16.9	102,157	11.5	130,715	11.3
Total renter-occupied households	8,334	100.0	885,744	100.0	1,159,292	100.0
Median renter-occupied household income	$81,036		$54,142		$59,724	

Source: 2019-2023 American Community Survey five-year estimates. B25118 - Tenure by household income in the past 12 months (in 2022 inflation-adjusted dollars), B25119 - Median household income in the past 12 months (in 2022 inflation-adjusted dollars) by tenure

Universe: Renter-occupied households

Local Housing Profiles | Arlington Heights

Chicago Metropolitan Agency for Planning

Gross rent,* 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Households with cash rent	8,037	96.4	856,903	96.7	1,120,536	96.7
Households no cash rent	297	3.6	28,841	3.3	38,756	3.3
Total renter-occupied households	8,334	100.0	885,744	100.0	1,159,292	100.0
Households with cash rent						
Less than $600	352	4.4	65,649	7.7	78,767	7.0
$600 to $899	157	2.0	77,278	9.0	93,999	8.4
$900 to $1,249	822	10.2	214,037	25.0	270,798	24.2
$1,250 to $1,499	1,215	15.1	136,276	15.9	182,538	16.3
$1,500 to $1,999	3,239	40.3	179,532	21.0	252,873	22.6
$2,000 to $2,499	938	11.7	95,993	11.2	131,168	11.7
$2,500 or more	1,314	16.3	88,138	10.3	110,393	9.9
Total households with cash rent	8,037	100.0	856,903	100.0	1,120,536	100.0
Median gross rent	$1,727		$1,381		$1,483	

Source: 2019-2023 American Community Survey five-year estimates. B25063 - Gross rent, B25064 - Median gross rent (dollars)
Universe: Renter-occupied households
*Data on gross rent includes contract rent and any utilities paid by the renter.

Renter cost burden,* 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Not cost burdened (less than 30%)	4,707	60.4	431,995	52.0	567,331	52.1
Cost burdened (30% - 50%)	1,590	20.4	191,408	23.0	254,640	23.4
Severely cost burdened (over 50%)	1,498	19.2	207,644	25.0	266,938	24.5
Total renter-occupied households computed	7,795	100.0	831,047	100.0	1,088,909	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25070 - Gross rent as a percentage of household income in the past 12 months
Universe: Renter households for which cost-burdened status can be computed
*A cost burdened household spends more than 30 percent of their income on housing costs. A household experiencing severe cost burden pays more than 50 percent of their income on housing costs.

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Local Housing Profiles | Arlington Heights

Chicago Metropolitan Agency for Planning

Renter cost burden by income,* 2023

	Arlington Heights		Cook County		CMAP region	
	Count	Percent	Count	Percent	Count	Percent
Less than $20,000						
Not cost burdened	136	14.8	14,979	10.2	17,817	9.9
Cost burdened	79	8.6	17,106	11.7	20,393	11.4
Severely cost burdened	706	76.7	114,243	78.1	141,153	78.7
Total households less than $20,000	921	100.0	146,328	100.0	179,363	100.0
$20,000 to $34,999						
Not cost burdened	45	8.1	14,313	11.8	17,283	11.1
Cost burdened	180	32.3	43,353	35.8	53,449	34.4
Severely cost burdened	333	59.7	63,532	52.4	84,869	54.5
Total households $20,000 - $34,999	558	100.0	121,198	100.0	155,601	100.0
$35,000 to $49,999						
Not cost burdened	77	13.8	29,348	27.7	35,789	25.8
Cost burdened	274	49.3	55,845	52.6	75,053	54.0
Severely cost burdened	205	36.9	20,906	19.7	28,088	20.2
Total households $35,000 - $49,999	556	100.0	106,099	100.0	138,930	100.0
$50,000 to $74,999						
Not cost burdened	465	40.3	82,332	59.4	107,722	57.1
Cost burdened	571	49.4	49,360	35.6	70,926	37.6
Severely cost burdened	119	10.3	6,948	5.0	9,894	5.2
Total households $50,000 - $74,999	1,155	100.0	138,640	100.0	188,542	100.0
$75,000 to $99,999						
Not cost burdened	1,237	78.6	84,018	82.2	115,995	81.9
Cost burdened	258	16.4	16,984	16.6	23,774	16.8
Severely cost burdened	79	5.0	1,185	1.2	1,788	1.3
Total households $75,000 - $99,999	1,574	100.0	102,187	100.0	141,557	100.0
$100,000 or more						
Not cost burdened	2,747	90.6	207,005	95.6	272,725	95.7
Cost burdened	228	7.5	8,760	4.0	11,045	3.9
Severely cost burdened	56	1.8	830	0.4	1,146	0.4
Total households $100,000 or more	3,031	100.0	216,595	100.0	284,916	100.0

Source: 2019-2023 American Community Survey five-year estimates. B25074 - Household income by gross rent as a percentage of household income in the past 12 months

Universe: Renter households for which cost-burdened status can be computed

*A cost burdened household spends more than 30 percent of their income on housing costs. A household experiencing severe cost burden pays more than 50 percent of their income on housing costs.

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Exhibit C

Forms:

Standard Form (SF) 424
Standard Form (SF) 424B
Certifications

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 08/15/2025

4. Applicant Identifier:

5a. Federal Entity Identifier: B-25-MC-17-001

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Village of Arlington Heights

* b. Employer/Taxpayer Identification Number (EIN/TIN): 36-6005774

* c. UEI: SA2FJCC7CXS2

d. Address:

* Street1: 33 S Arlington Heights Road
Street2:
* City: Arlington Heights
County/Parish:
* State: IL: Illinois
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 60005-1403

e. Organizational Unit:

Department Name: Planning & Community Devt.

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Nora
Middle Name: Anne
* Last Name: Boyer
Suffix:

Title: Housing Planner

Organizational Affiliation: Village of Arlington Heights

* Telephone Number: 847-368-5214
Fax Number:

* Email: nboyer@vah.com

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

U.S. Department of Housing and Urban Development

11. Catalog of Federal Domestic Assistance Number:

14.218

CFDA Title:

Community Development Block Grant / Entitlement Grant

*** 12. Funding Opportunity Number:**

B-25-MC-17-0001

* Title:

Community Development Block Grant / Entitlement Grant

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Program year 2025 October 1, 2025 - September 30, 2026. Projects will include: Homeowner Unit Preservation, Homeless Services, Public Services, Infrastructure, Public Facilities, and Planning & Admin.

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 8 & 9 | * b. Program/Project: 8 & 9

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2025 | * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	332,747.00
* b. Applicant	
* c. State	
* d. Local	
* e. Other	90,000.00
* f. Program Income	
* g. TOTAL	422,747.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☐ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:	Mr.
* First Name:	Randall
Middle Name:	R
* Last Name:	Recklaus
Suffix:	
* Title:	Village Manager
* Telephone Number:	847-368-5100
Fax Number:	
* Email:	rrecklaus@vah.com
* Signature of Authorized Representative:	
* Date Signed:	

Applicant and Recipient Assurances and Certifications

U.S. Department of Housing and Urban Development

OMB Number: 2510-0017
Expiration Date: 1/31/2026

Instructions for the HUD 424-B Assurances and Certifications

As part of your application for HUD funding, you, as the official authorized to sign on behalf of your organization or as an individual, must provide the following assurances and certifications. The Responsible Civil Rights Official has specified this form for use for purposes of general compliance with 24 CFR §§ 1.5, 3.115, 8.50, and 146.25, as applicable. The Responsible Civil Rights Official may require specific civil rights assurances to be furnished consistent with those authorities and will specify the form on which such assurances must be made. A failure to furnish or comply with the civil rights assurances contained in this form may result in the procedures to effect compliance at 24 CFR §§ 1.8, 3.115, 8.57, or 146.39.

By submitting this form, you are stating that all assertions made in this form are true, accurate, and correct.

As the duly representative of the applicant, I certify that the applicant: [Insert below the Name and title of the Authorized Representative, name of Organization and the date of signature]:

*Authorized Representative Name:
Randall R. Recklaus
*Title: Village Manager
*Applicant/Recipient Organization:
Village of Arlington Heights, IL

1. Has the legal authority to apply for Federal assistance, has the institutional, managerial and financial capability (including funds to pay the non-Federal share of program costs) to plan, manage and complete the program as described in the application and the governing body has duly authorized the submission of the application, including these assurances and certifications, and authorized me as the official representative of the application to act in connection with the application and to provide any additional information as may be required.

2. Will administer the grant in compliance with Title VI of the Civil Rights Act of 1964 (42 U.S.C 2000(d)) and implementing regulations (24 CFR part 1), which provide that no person in the United States shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or otherwise be subject to discrimination under any program or activity that receives Federal financial assistance OR if the applicant is a Federally recognized Indian tribe or its tribally designated housing entity, is subject to the Indian Civil Rights Act (25 U.S.C. 1301-1303).

3. Will administer the grant in compliance with Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794), as amended, and implementing regulations at 24 CFR part 8, the American Disabilities Act (42 U.S.C. §§ 12101 et.seq.), and implementing regulations at 28 CFR part 35 or 36, as applicable, and the Age Discrimination Act of 1975 (42 U.S.C. 6101-07) as amended, and implementing regulations at 24 CFR part 146 which together provide that no person in the United States shall, on the grounds of disability or age, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity that receives Federal financial assistance; except if the grant program authorizes or limits participation to designated populations, then the applicant will comply with the nondiscrimination requirements within the designated population.

4. Will comply with the Fair Housing Act (42 U.S.C. 3601-19), as amended, and the implementing regulations at 24 CFR part 100, which prohibit discrimination in housing on the basis of race, color, religion sex (including gender identity and sexual orientation), disability, familial status, or national origin and will affirmatively further fair housing; except an applicant which is an Indian tribe or its instrumentality which is excluded by statute from coverage does not make this certification; and further except if the grant program authorizes or limits participation to designated populations, then the applicant will comply with the nondiscrimination requirements within the designated population.

5. Will comply with all applicable Federal nondiscrimination requirements, including those listed at 24 CFR §§ 5.105(a) and 5.106 as applicable.

6. Will comply with the acquisition and relocation requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended (42 U.S.C. 4601) and implementing regulations at 49 CFR part 24 and, as applicable, Section 104(d) of the Housing and Community Development Act of 1974 (42 U.S.C. 5304(d)) and implementing regulations at 24 CFR part 42, subpart A.

7. Will comply with the environmental requirements of the National Environmental Policy Act (42 U.S.C. 4321 et.seq.) and related Federal authorities prior to the commitment or expenditure of funds for property.

8. That no Federal appropriated funds have been paid, or will be paid, by or on behalf of the applicant, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress, in connection with the awarding of this Federal grant or its extension, renewal, amendment or modification. If funds other than Federal appropriated funds have or will be paid for influencing or attempting to influence the persons listed above, I shall complete and submit Standard Form-LLL, Disclosure Form to Report Lobbying. I certify that I shall require all subawards at all tiers (including sub-grants and contracts) to similarly certify and disclose accordingly. Federally recognized Indian Tribes and tribally designated housing entities (TDHEs) established by Federally-recognized Indian tribes as a result of the exercise of the tribe's sovereign power are excluded from coverage by the Byrd Amendment, but State-recognized Indian tribes and TDHs established under State law are not excluded from the statute's coverage.

I/We, the undersigned, certify under penalty of perjury that the information provided above is true and correct. WARNING: Anyone who knowingly submits a false claim or makes a false statement is subject to criminal and/or civil penalties, including confinement for up to 5 years, fines, and civil and administrative penalties. (18 U.S.C. §§287, 1001, 1010, 1012, 1014; 31 U.S.C. §3729, 3802).

* Signature:

* Date: (mm/dd/yyyy):

Public Reporting Burden Statement: The public reporting burden for this collection of information is estimated to average 0.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering, and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding the accuracy of this burden estimate and any suggestions for reducing this burden can be sent to: U.S. Department of Housing and Urban Development, Office of the Chief Data Officer, R, 451 7th St SW, Room 4176, Washington, DC 20410-5000. **Do not send completed HUD-424B forms to this address.** This agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the collection displays a valid OMB control number. The Department of Housing and Urban Development is authorized to collect this information under the authority cited in the Notice of Funding Opportunity for this grant program. The information collected provides assurances and certifications for legal requirements related to the administration of this grant program. HUD will use this information to ensure compliance of its grantees. This information is required to obtain the benefit sought in the grant program. This information will not be held confidential and may be made available to the public in accordance with the Freedom of Information Act (5 U.S.C. §552).

CERTIFICATIONS

In accordance with the applicable statutes and the regulations governing the consolidated plan regulations, the jurisdiction certifies that:

Affirmatively Further Fair Housing --The jurisdiction will affirmatively further fair housing.

Uniform Relocation Act and Anti-displacement and Relocation Plan -- It will comply with the acquisition and relocation requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended, (42 U.S.C. 4601-4655) and implementing regulations at 49 CFR Part 24. It has in effect and is following a residential anti-displacement and relocation assistance plan required under 24 CFR Part 42 in connection with any activity assisted with funding under the Community Development Block Grant or HOME programs.

Anti-Lobbying --To the best of the jurisdiction's knowledge and belief:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of it, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement;

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, it will complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions; and

3. It will require that the language of paragraph 1 and 2 of this anti-lobbying certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

Authority of Jurisdiction --The consolidated plan is authorized under State and local law (as applicable) and the jurisdiction possesses the legal authority to carry out the programs for which it is seeking funding, in accordance with applicable HUD regulations.

Consistency with plan --The housing activities to be undertaken with Community Development Block Grant, HOME, Emergency Solutions Grant, and Housing Opportunities for Persons With AIDS funds are consistent with the strategic plan in the jurisdiction's consolidated plan.

Section 3 -- It will comply with section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. 1701u) and implementing regulations at 24 CFR Part 75.

_____ _____

Signature of Authorized Official Date

Village Manager

_____

Title

Specific Community Development Block Grant Certifications

The Entitlement Community certifies that:

Citizen Participation -- It is in full compliance and following a detailed citizen participation plan that satisfies the requirements of 24 CFR 91.105.

Community Development Plan -- Its consolidated plan identifies community development and housing needs and specifies both short-term and long-term community development objectives that that have been developed in accordance with the primary objective of the CDBG program (i.e., the development of viable urban communities, by providing decent housing and expanding economic opportunities, primarily for persons of low and moderate income) and requirements of 24 CFR Parts 91 and 570.

Following a Plan -- It is following a current consolidated plan that has been approved by HUD.

Use of Funds -- It has complied with the following criteria:

1. Maximum Feasible Priority. With respect to activities expected to be assisted with CDBG funds, it has developed its Action Plan so as to give maximum feasible priority to activities which benefit low- and moderate-income families or aid in the prevention or elimination of slums or blight. The Action Plan may also include CDBG-assisted activities which the grantee certifies are designed to meet other community development needs having particular urgency because existing conditions pose a serious and immediate threat to the health or welfare of the community, and other financial resources are not available (see Optional CDBG Certification).

2. Overall Benefit. The aggregate use of CDBG funds, including Section 108 guaranteed loans, during program year(s) 2025 [a period specified by the grantee of one, two, or three specific consecutive program years], shall principally benefit persons of low and moderate income in a manner that ensures that at least 70 percent of the amount is expended for activities that benefit such persons during the designated period.

3. Special Assessments. It will not attempt to recover any capital costs of public improvements assisted with CDBG funds, including Section 108 loan guaranteed funds, by assessing any amount against properties owned and occupied by persons of low and moderate income, including any fee charged or assessment made as a condition of obtaining access to such public improvements.

However, if CDBG funds are used to pay the proportion of a fee or assessment that relates to the capital costs of public improvements (assisted in part with CDBG funds) financed from other revenue sources, an assessment or charge may be made against the property with respect to the public improvements financed by a source other than CDBG funds.

In addition, in the case of properties owned and occupied by moderate-income (not low-income) families, an assessment or charge may be made against the property for public improvements financed by a source other than CDBG funds if the jurisdiction certifies that it lacks CDBG funds to cover the assessment.

Excessive Force -- It has adopted and is enforcing:

1. A policy prohibiting the use of excessive force by law enforcement agencies within its jurisdiction against any individuals engaged in non-violent civil rights demonstrations; and

2. A policy of enforcing applicable State and local laws against physically barring entrance to or exit from a facility or location which is the subject of such non-violent civil rights demonstrations within its jurisdiction.

Compliance with Anti-discrimination laws -- The grant will be conducted and administered in conformity with title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d) and the Fair Housing Act (42 U.S.C. 3601-3619) and implementing regulations.

Lead-Based Paint -- Its activities concerning lead-based paint will comply with the requirements of 24 CFR Part 35, Subparts A, B, J, K and R.

Compliance with Laws -- It will comply with applicable laws.

_____ _____

Signature of Authorized Official Date

Village Manager

_____

Title

OPTIONAL Community Development Block Grant Certification

Submit the following certification only when one or more of the activities in the action plan are designed to meet other community development needs having particular urgency as specified in 24 CFR 570.208(c):

The grantee hereby certifies that the Annual Plan includes one or more specifically identified CDBG-assisted activities which are designed to meet other community development needs having particular urgency because existing conditions pose a serious and immediate threat to the health or welfare of the community and other financial resources are not available to meet such needs.

Not applicable

Signature of Authorized Official

Date

Title

Specific HOME Certifications

The HOME participating jurisdiction certifies that:

Tenant Based Rental Assistance -- If it plans to provide tenant-based rental assistance, the tenant-based rental assistance is an essential element of its consolidated plan.

Eligible Activities and Costs -- It is using and will use HOME funds for eligible activities and costs, as described in 24 CFR §§92.205 through 92.209 and that it is not using and will not use HOME funds for prohibited activities, as described in §92.214.

Subsidy layering -- Before committing any funds to a project, it will evaluate the project in accordance with the guidelines that it adopts for this purpose and will not invest any more HOME funds in combination with other Federal assistance than is necessary to provide affordable housing;

Not applicable

_____ _____

Signature of Authorized Official Date

_____

Title

Emergency Solutions Grants Certifications

The Emergency Solutions Grants Program recipient certifies that:

Major rehabilitation/conversion/renovation – If an emergency shelter's rehabilitation costs exceed 75 percent of the value of the building before rehabilitation, the recipient will maintain the building as a shelter for homeless individuals and families for a minimum of 10 years after the date the building is first occupied by a homeless individual or family after the completed rehabilitation.

If the cost to convert a building into an emergency shelter exceeds 75 percent of the value of the building after conversion, the recipient will maintain the building as a shelter for homeless individuals and families for a minimum of 10 years after the date the building is first occupied by a homeless individual or family after the completed conversion.

In all other cases where ESG funds are used for renovation, the recipient will maintain the building as a shelter for homeless individuals and families for a minimum of 3 years after the date the building is first occupied by a homeless individual or family after the completed renovation.

Essential Services and Operating Costs – In the case of assistance involving shelter operations or essential services related to street outreach or emergency shelter, the recipient will provide services or shelter to homeless individuals and families for the period during which the ESG assistance is provided, without regard to a particular site or structure, so long the recipient serves the same type of persons (e.g., families with children, unaccompanied youth, disabled individuals, or victims of domestic violence) or persons in the same geographic area.

Renovation – Any renovation carried out with ESG assistance shall be sufficient to ensure that the building involved is safe and sanitary.

Supportive Services – The recipient will assist homeless individuals in obtaining permanent housing, appropriate supportive services (including medical and mental health treatment, victim services, counseling, supervision, and other services essential for achieving independent living), and other Federal State, local, and private assistance available for these individuals.

Matching Funds – The recipient will obtain matching amounts required under 24 CFR 576.201.

Confidentiality – The recipient has established and is implementing procedures to ensure the confidentiality of records pertaining to any individual provided family violence prevention or treatment services under any project assisted under the ESG program, including protection against the release of the address or location of any family violence shelter project, except with the written authorization of the person responsible for the operation of that shelter.

Homeless Persons Involvement – To the maximum extent practicable, the recipient will involve, through employment, volunteer services, or otherwise, homeless individuals and families in constructing, renovating, maintaining, and operating facilities assisted under the ESG program, in providing services assisted under the ESG program, and in providing services for occupants of facilities assisted under the program.

Consolidated Plan – All activities the recipient undertakes with assistance under ESG are consistent with its consolidated plan.

Discharge Policy – The recipient will establish and implement, to the maximum extent practicable and where appropriate, policies and protocols for the discharge of persons from publicly funded institutions or systems of care (such as health care facilities, mental health facilities, foster care or other youth facilities, or correction programs and institutions) in order to prevent this discharge from immediately resulting in homelessness for these persons.

Not applicable

Signature of Authorized Official

Date

Title

Housing Opportunities for Persons With AIDS Certifications

The HOPWA grantee certifies that:

Activities -- Activities funded under the program will meet urgent needs that are not being met by available public and private sources.

Building -- Any building or structure assisted under that program shall be operated for the purpose specified in the consolidated plan:

1. For a period of not less than 10 years in the case of assistance involving new construction, substantial rehabilitation, or acquisition of a facility,

2. For a period of not less than 3 years in the case of assistance involving non-substantial rehabilitation or repair of a building or structure.

Not applicable

_____ _____

Signature of Authorized Official Date

_____

Title

APPENDIX TO CERTIFICATIONS

INSTRUCTIONS CONCERNING LOBBYING CERTIFICATION:

Lobbying Certification
This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

#1 FamilyForward

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: Case Management and Mentoring for low-income, working families

Project Location: Arlington Heights

CDBG Funding Request: $3,500

Applicant Contact Information

Organization Name: FamilyForward

Federal Unique Entity Identifier (UEI) Number: SHSMSLGXCXE3

Head of the Organization (ex. Executive Director)

Name: Beverly Worthington

Title: Executive Director

Email: Beverly.worthington@family-forward.org

Signature of person authorized to submit this application:

Signature Date: 04.29.2025

Printed name: Beverly Worthington

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Beverly Worthington

Title: Executive Director

Mailing Address: 302 N. Dunton Ave.

City/State/Zip Code: Arlington Heights, IL 60004

Telephone Number: 847.342.0846

Email Address: Beverly.worthington@family-forward.org

Organization website: www.family-forward.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

Established in 2003, FamilyForward offers a two-year program for low-income, working families consisting of two primary components: financial assistance for housing and case management/mentoring.

Eligible families who demonstrate need must live in our service area, have at least one working adult in the household, and at least one child living in the home. We do not enroll families with active substance abuse concerns, untreated mental health issues, or active legal cases pertaining to divorce, domestic violence, or citizenship. These families are given referrals to the appropriate organizations in the community for their situation.

Families enrolled in our program initially pay 30% of their income towards rent and FamilyForward subsidizes the remainder. Over the course of 2 years, the portion of rent the families pay incrementally increases until they can pay their monthly rent in full on their own.

To achieve this level of independence, families meet with mentors weekly. Mentorship provides for the setting of realistic goals, budgeting resources effectively, increasing income, reducing debt, building savings, and navigating other life challenges. The goal of our program is to partner with families in creating a solid foundation in their journey toward financial stability and wellness. Reducing stress related to financial scarcity allows families to tend to their physical and mental health and empowers them to make choices from a place of confidence rather than desperation.

FamilyForward utilizes CDBG funds to support the case management/mentoring component of our program. The impact of our work is profound – families gain the confidence and skills to manage their finances, maintain stable housing, navigate challenges, and achieve long-term independence. By offering *individualized* support, they overcome barriers such as debt, housing insecurity, underemployment, and limited access to essential resources.

Beyond immediate relief, our program creates generational change. When parents succeed financially, their children have greater opportunities and upward mobility. Stronger families lead to stronger communities, reducing economic disparities and fostering resilience.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, Arlington Heights and Palatine.

3. Will any funds be used for research and development?

☐ Yes
x No

If so, please specify how funds will be used.

B. Service Area

1. Describe your organization's service area, listing any municipalities served.

Northwest suburbs of Chicago, including the townships of Elk Grove, Palatine, Schaumburg, and Wheeling.

2. Does this program serve residents of the Village of Arlington Heights?

x Yes
☐ No

3. Describe any additional criteria for your program.

For families to be eligible for the 2-year program, the key criteria include:

- Living in their own housing within our service area
- Have at least one working adult in the home
- Have at least one child under the age of 22 in the home
- Be a legal resident of the United States
- Be proficient in English
- Demonstrate mental stability
- Presently not abusing alcohol or using illicit drugs
- Presently not living in an abusive relationship

4. What facilities, services, or programs are operated in Arlington Heights?

FamilyForward has an office located within First Presbyterian Church of Arlington Heights at 302 N. Dunton Ave., and an office in Palatine located at 35 W. Slade St. Case management and mentoring services predominantly occur at a family's residence, which includes those living in Arlington Heights, although some meetings occur at the Arlington Heights location. Initial intake assessments are typically conducted at the Arlington Heights location.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

Several organizations provide similar services with a focus on subsets of populations:

- WINGS focuses on individuals fleeing domestic violence;
- Fellowship Housing, whose program model is closest to FamilyForward's, focuses on single mothers;
- Journeys and Northwest Compass focus on individuals experiencing or at-risk of homelessness; and,
- Shelter, Inc. and The Harbour focus on young adults experiencing or at-risk of homelessness.

FamilyForward focuses on *working families living in poverty and vulnerable to becoming homeless*. Families agree to meet with mentors on a weekly basis to develop pathways toward financial and housing stability and overall well-being. Those pathways involve working closely with other organizations within the community and accessing available resources.

As such, FamilyForward does not support families in finding housing, which is a service provided by other organizations. Families are not permitted to seek funding from other organizations to offset housing costs (“double dipping”) while enrolled in the program, although they are encouraged to access other resources which are not provided by FamilyForward.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

Families receive financial assistance with housing costs, childcare, transportation, education, basic needs (i.e., food and household supplies), and unforeseen expenses (i.e., dental care, furniture, etc.). FamilyForward has funds, provided by a generous donor, to match families' payments for debt reduction up to $500 per month, which enhances their economic mobility.

In addition to working with mentors throughout the program, families receive case management services from qualified staff.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	**Total Arlington Heights Residents Served**	**Total Arlington Heights Residents Served by CDBG Funds**
October 1, 2025 – September 30, 2026 (proposed)	135	33	33
October 1, 2024 – present *(6 months – October through March)*	95	18	18
October 1, 2023 – September 30, 2024	134	50	50

3. Please state anticipated cost per client per service for the 2025-26 program year.
$2,271

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

CDBG funds will be utilized for wages incurred by the Program Manager and Case Manager, specifically hours directly providing case management for families in Arlington Heights. Their responsibilities include:

- Conduct intake assessments and onboarding for new families;
- Supervise and support mentors working with families;
- Provide targeted case management for social, emotional, legal, financial, educational, and other needs of families; and,
- Provide mentorship for families without assigned mentors or whose situations are deemed too complex for volunteers to navigate.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

Yes.

6. Would this program exist without CDBG funding?
(Select one)
x Yes
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 2
b. Part-time 1
c. Volunteers 23

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Beverly Worthington
Phone Number: 847.342.0846
Email Address: beverly.worthington@family-forward.org

3. How long has the staff member identified above been with the organization?

6 months

E. Fees and Funding Sources

1. Describe any client fees collected*.

Not applicable.

2. Describe how client fees are used (if applicable):

Not applicable.

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds	$ 47,125	$ 11,750
Private Funds	$ 355,000	$ 86,790
Program Income	$ 0	$ 0
Other Funding Interest Income	$ 9,500	$ 0

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☐ Yes
x No

F. Budget

1. Please complete the following table:

~~**Program**~~ **Fiscal Year**	**Organization Total Budget**	**Overall Program Budget for which CDBG funds are being requested**	**Arlington Heights CDBG Portion of the Program Budget**
Organization or agency's next fiscal year, if available	$ 411,625	$ 318,073	$ 3,500
Organization or agency's current fiscal year	$ 351,850	$ 272,035	$ 3,500
Organization or agency's last fiscal year	$ 312,650	$ 246,895	$ 3,000

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	**CDBG Amount**
Payroll of employees providing direct client service*	$ 3,500
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 0
Construction/Rehabilitation	$ 0
Other	$ 0
Please specify:	
Total CDBG Request	**$ 3,500**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

x *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

x *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):

Strengthening low-income, working families in the northwest suburbs towards achieving financial stability and independence through mentoring, rental assistance and support services.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- x Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- x Proposed organization budget for the next fiscal year, including proposed funding sources
- x Current organization budget, including proposed funding sources **current + proposed in same budget document**
- x Most recent audit (one hard copy, electronic copy or web address where the audit can be found only) **Hard copy provided**
- ☐ Most recent A-133 audit, if an A-133 audit has been required **not applicable**
- x Proof of non-profit determination
- x Organizational chart
- x List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). **not applicable**
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) **not applicable**

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*****.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#2 Resources for Community Living

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

---

Name for Proposed Project or Service: **Affordable housing options and support**

Project Location: 2 Clients located in Arlington Heights

CDBG Funding Request: $6000

Applicant Contact Information

Organization Name:

Resources for Community Living(dba) of
TLC Centers for Therapy

Federal Unique Entity Identifier (UEI) Number W1VTNBEHDF3

Head of the Organization (ex. Executive Director)
Name: Robert Hayes

Title: President of Board of Directors

Email: bruceh@semsandspecials.com

Signature of person authorized to submit this application: Robert Hayes

Signature Date: 4/30/2025

Printed name: ROBERT HAYES

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Gus Anagnostopoulos

Title: Financial Director

Mailing Address: 6483 Falcon Road

City/State/Zip Code: Rockford, IL 61109

Telephone Number: 708-541-0850

Email Address: ganagnostopoulos@rescoliv.org

Organization website: rescoliv.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

Resources for Community Living (RCL) offers affordable housing and individualized support services for adults with developmental and/or physical disabilities living in North/Northwest suburban Cook County. The primary goal of these services is to assist persons with disabilities to live in their own homes and apartments, rather than in group homes and institutional settings. Participants with developmental disabilities also receive individualized support services according to goals identified by the participant. These services are provided by trained staff members and may include money management, cooking, using public transportation, safety, vocational, community involvement and other skills necessary for living on one's own. Monthly social activities, social group training, and rent subsidies are also available.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, RCL has received CDBG funding in the past and is currently receiving funding. Municipalities include Arlington Heights and Schaumburg.

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. **Describe your organization's service area, listing any municipalities served.**
North/Northwest Suburban Cook County, Arlington Heights, Mt. Prospect, Niles, Hanover Park, Buffalo Grove, Lake Zurich, Rolling Meadows, Park Ridge, Palatine, Hoffman Estates, Schaumburg, Inverness, Norridge, and Evanston.

2. **Does this program serve residents of the Village of Arlington Heights?**

☒ Yes
☐ No

3. **Describe any additional criteria for your program.**
Services from RCL are available to all residents of the Village of Arlington Heights with the following eligibility criteria: at least 18 years of age, have a primary diagnosis of developmental disability or a physical disability, able to self medicate, have sufficient income for rent and other expenses.

4. **What facilities, services, or programs are operated in Arlington Heights?**
The services included are entitlement, advocacy, locational assessment, budgeting, paying bills, grocery shopping and transport.

5. **Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.**
RCL is a unique developmental services provider. RCL promotes choice and the complete independence of all participants with disabilities strongly supporting the greater community access and inclusion involvement.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

The services included are entitlement, advocacy, locational assessment, budgeting, paying bills, grocery shopping and transport.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)	75	2	2
October 1, 2024 – present *(6 months – October through March)*	75	3	3
October 1, 2023 – September 30, 2024	75	5	5

3. Please state anticipated cost per client per service for the 2025-26 program year.

Client 1 $4,500 per year
Client 2 $1,500 per year

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

CDBG funds would be used to supplement the salary of support staff. Staff would assist residents to apply for SNAP, LIHEAP, SSI/SSDI, find affordable housing and complete a budget.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

If CDBG funds are awarded, RCL would be able to support the current clients in Arlington Heights and we will be able to service additional clients.

6. Would this program exist without CDBG funding?
(Select one)
☒ Yes
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 0
b. Part-time 2
c. Volunteers 25

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Gus Anagnostopoulos, Financial Director
Phone Number: 708-541-0850
Email Address: ganagnostopoulos@rescoliv.org

3. How long has the staff member identified above been with the organization?
1 year

E. Fees and Funding Sources

1. Describe any client fees collected*.
Not applicable – qualifying clients are not charged for services

2. Describe how client fees are used (if applicable):
Not applicable

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds	$ 18,600	$ 0
Private Funds	$ 200,000	$ 0
Program Income	$ 0	$ 0
Other Funding Rents	$ 27,600	$ 0

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☐ Yes
☒ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ N/A	$ N/A	$ N/A
Organization or agency's current fiscal year	$ 248,440	$ 6,000	$ 6,000
Organization or agency's last fiscal year	$ 267,978	$ 0	$ 0

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 6000
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 0
Construction/Rehabilitation	$ 0
Other	$ 0
Please specify:	
Total CDBG Request	**$ 6000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives.
(The selection should reflect the purpose of your organization's proposed program.)

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☒ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes.
(The selection should reflect the result your organization would like to accomplish.)

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☒ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
To offer adults with developmental and/or physical disabilities opportunities to achieve greater self-esteem, dignity and participation in all aspects of community life through affordable housing options, individualized shill instruction and necessary support services.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☐ Proposed organization budget for the next fiscal year, including proposed funding sources N/A
- ☒ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required N/A
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). N/A
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#3 Children's Advocacy Center

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **Child Victim & Witness Services**

Project Location: **Hoffman Estates, IL**

CDBG Funding Request: $6,000

Applicant Contact Information

Organization Name **Children's Advocacy Center of North and Northwest Cook County (CAC)**

Federal Unique Entity Identifier (UEI) Number **TAJSX46TVQW5**

Head of the Organization (ex. Executive Director)
Name: **Melanie Pignotti**

Title: **Chief Executive Officer**

Email: **mpignotti@cachelps.org**

Signature of person authorized to submit this application: 

Signature Date: 04/28/25

Printed name: **Luna Spivey**

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: **Luna Spivey**

Title: **Grants Coordinator**

Mailing Address: **PO Box 681243**

City/State/Zip Code: **Schaumburg, IL 60194**

Telephone Number: **847-744-8160**

Email Address: **lspivey@cachelps.org**

Organization website: **www.cachelps.org**

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

CAC's Forensic and Advocacy Services (FAS) is the CAC's core services program offering that uses a Multidisciplinary Team (MDT) comprised of law enforcement, child protective services, the State's Attorney's Office and healthcare personnel, along with CAC staff, to respond to allegations of abuse. After a referral from our law enforcement or DCFS partners, CAC provides a neutral, child-friendly setting for the MDT to observe a live-feed interview with alleged child victims and witnesses. Specially trained CAC Forensic Interviewers are well-versed in child development, trauma and effective questioning and are able to elicit credible information from children that assists investigators with determining the next steps in a case.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, CAC has received CDBG funds from Arlington Heights in past years along with Palatine, Mount Prospect, Schaumburg, Skokie, and Cook County.

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. **Describe your organization's service area, listing any municipalities served.**
   The following municipalities are served by the CAC: Arlington Heights, Barrington, Barrington Hills, Bartlett, Buffalo Grove, Elgin, Elk Grove, Hanover Park, Harwood Heights, Hoffman Estates, Inverness, Mount Prospect, Norridge, Palatine, Prospect Heights, Rolling Meadows, Roselle, Rosemont, Schaumburg, Schiller Park, South Barrington, Streamwood, Wheeling, Des Plaines, Evanston, Glencoe, Glenview, Golf, Kenilworth, Lincolnwood, Morton Grove, Niles, Northbrook, Northfield, Park Ridge, Skokie, Wilmette, Winnetka

2. **Does this program serve residents of the Village of Arlington Heights?**

   ☒ Yes
   ☐ No

3. **Describe any additional criteria for your program.**
   CAC accepts referrals for Forensic and Advocacy Services from law enforcement and DCFS during active criminal and/or child protective investigations when a child is an alleged victim or witness. Children 3-17 qualify for a forensic interview. Children 0-17 and their non-offending family members qualify for victim/court advocacy services.

4. **What facilities, services, or programs are operated in Arlington Heights?**
   The CAC's mental health services are in Arlington Heights. Arlington Heights residents receive forensic and advocacy services out of the CAC's main office in Hoffman Estates.

5. **Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.**
   While NWCASA works closely with the CAC providing on-site medical advocacy services, there are no other agencies that are qualified to provide forensic interviews. CAC collaborates with NWCASA to ensure non-duplication of services for ongoing victim advocacy services.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):
Case Coordination, Forensic Interviews, Victim/Court Advocacy

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	**Total Arlington Heights Residents Served**	**Total Arlington Heights Residents Served by CDBG Funds**
October 1, 2025 – September 30, 2026 (proposed)	980	54	54
October 1, 2024 – present *(6 months – October through March)*	708	31	31
October 1, 2023 – September 30, 2024	974	49	0 (Different Program)

3. Please state anticipated cost per client per service for the 2025-26 program year.
$150.00

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?
CDBG fund would support the health and well-being of children who have been victims of abuse or experienced other forms of violence. All CAC services are provided in both English and Spanish free of charge. Child abuse victims are assumed beneficiaries of CDBG funding despite actual income.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?
Yes, funds would be used to provide forensic and advocacy services for new clients who are residents of Arlington Heights.

6. Would this program exist without CDBG funding?
(Select one)
☒ Yes
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 8

b. Part-time

c. Volunteers

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Luna Spivey, Grants Coordinator

Phone Number: 847-744-8160

Email Address: lspivey@cachelps.org

3. How long has the staff member identified above been with the organization?
3 months

E. Fees and Funding Sources

1. Describe any client fees collected*.
N/A

2. Describe how client fees are used (if applicable):
N/A

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 50,000	$ 1,315
State/Local Funds	$ 553,077	$ 14,546
Private Funds	$ 7,500	$ 196
Program Income	$	$
Other Funding	$	$

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☐ Yes
☒ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$	$	$
Organization or agency's current fiscal year	$ 1,937,357	$ 609,619	$ 19,447
Organization or agency's last fiscal year	$ 1,735,895	$ 528,208	$ 13,892

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 6,000
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$
Construction/Rehabilitation	$
Other	$
Please specify:	
Total CDBG Request	**$ 6,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☒ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☒ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
The CAC of North and Northwest Cook County empowers children to overcome trauma from physical and sexual violence through empathetic collaboration and culturally sensitive services for the victims and their families.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☐ Proposed organization budget for the next fiscal year, including proposed funding sources CAC's FY26 budget has yet to be finalized, this should be available by May or Mid-June, 2025.
- ☒ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required n/a
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). n/a
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#4 Connections to Care

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **Connections to Care**

Project Location: Northwest Suburbs- Concentration Arlington Heights

CDBG Funding Request: $6,000

Applicant Contact Information

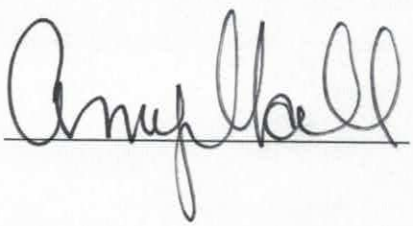
Organization Name Connections to Care

Federal Unique Entity Identifier (UEI) Number 20-5588794

Head of the Organization (ex. Executive Director)
Name: Amy Gall

Title: Executive Director

Email: amyg@connectionstocare.org

Signature of person authorized to submit this application: 

Signature Date: 4/30/2025

Printed name: Amy Gall

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Amy Gall

Title: Executive Director

Mailing Address: 1801 West Central Road

City/State/Zip Code: Arlington Heights, IL 60005

Telephone Number: (847)222-9331

Email Address: amyg@connectionstocare.org

Organization website: www.connectionstocare.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

Connections to Care (formerly Escorted Transportation Service NW) provides accompanied rides for the elderly and especially the frail elderly who can no longer drive to their medical and dental appointments. Connections to Care drivers are trained volunteers who pick passengers up at their home, wait for them during their appointment, and return them back home. If needed, they can also stop at a pharmacy on the way back from the appointment. Connections to Care volunteers treat their clients like family. Riders have the option of sitting in the front seat and Connections to Care drivers provide a supportive environment, a compassionate ear and sounding board as well as much needed social interaction. Each ride we take provides our Riders with four points of contact. Scheduling the ride, confirming the name of the volunteer with the passenger the week before, the volunteer confirming pick up details, and finally the ride. Since many passengers have hearing, vision, memory, and/or mobility loss, they rely on our volunteers to help them navigate the often-complex medical facilities and physician offices.

Our unique transportation service is offered in 14 NW Cook County municipalities which include 4 Townships and 5 medical centers. Unlike other transportation services for seniors, we cross township boundaries in taking passengers to their medical appointments. Over the past 18 years, we have provided more than 38,250 critical services rides, allowing our elderly to age in place while caring for their health.

While anyone 60 years old or older can apply for our service, our average passenger is 85, on a low fixed income, and can no longer drive or take public transportation. Many are also unable to rely on family members or friends to take them to their numerous appointments. This is an expanding population that is often marginalized and under-served. Prior to Covid-19, requests for rides grew at 5%-7% annually. We are excited to see that this growth rate is returning as we have built from Covid.

Between 10/1/2023 and 09/30/2024 Connections to Care provided 95 Arlington Heights residents with 1417 rides. This represents 59% of all Connections to Care passengers and 60% of all the rides. We also took rides into Arlington Heights with passengers from the other 13 municipalities we serve.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, we have received CDBG funds from Arlington Heights and Mount Prospect

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. Describe your organization's service area, listing any municipalities served.

Our service area includes 14 municipalities: Barrington, Inverness, Hoffman Estates, Schaumburg, Elk Grove Village, Palatine, Arlington Heights, Wheeling, Des Plaines, Buffalo Grove, Mount Prospect, Park Ridge, Prospect Heights and Rolling Meadows. 4 Townships: Wheeling, Elk Grove, Palatine and Schaumburg and 5 major medical centers: Northwest Community, St. Alexius, Alexian Brothers, Advocate Lutheran General and NorthShore Glenbrook.

2. Does this program serve residents of the Village of Arlington Heights?

☒ Yes
☐ No

3. Describe any additional criteria for your program.

4. What facilities, services, or programs are operated in Arlington Heights?

Connections to Care office is in Arlington Heights in the Senior Center. 59% of our riders during the past year were Arlington Heights residents. In addition, we bring frail older adult residents from the 13 other municipalities we serve to doctors, dentists, and medical facilities in Arlington Heights, including Northwest Community Healthcare's extensive network of offices and Northwest Community Hospital.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

No. Although Arlington Heights and other municipalities and Townships in our service area provide different kinds of transportation to seniors, Connections to Care is the only service using a one-on-one approach. Our drivers, all of whom are volunteers, drive their own personal vehicles to help get Arlington Heights' frail older adults to and from their medical and/or dental appointments. We are also the only service whose volunteers stay with the client throughout their appointment. Our services compliment and supplement the other transportation services available to the older adults of Arlington Heights.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

Transportation of the frail older adults to and from their medical and dental appointments

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)*	202	111	111
October 1, 2024 – present *(6 months – October through March)*	160	95	95
October 1, 2023 – September 30, 2024	189 Seniors 2331 Rides	104 Seniors 1417 Rides	104 Seniors 1417 Rides

Based on 5-7 % Increase

3. Please state anticipated cost per client per service for the 2025-26 program year.

Our passenger donations only cover less than 16.75% of the actual cost per ride. This ride cost is based on the number of rides we provide and our budget. The cost per one way ride is $44.82. We did not adjust our cost per ride since 2020 because of the effects of Covid on our budget.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

All of the CDBG funds will go toward helping us serve current and new passengers. Our passengers are not charged a fee, rather they are asked for a $7.50 donation for each one-way ride. This is an amount that is affordable to our fixed income passengers. However, our passenger donations only covered less than 16.75% of the actual cost per ride. CDBG funds will go toward covering the other amount.

5. **If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?**
We are aggressively expanding our services to clients in our territory. These funds will help serve Arlington Heights residents that have not previously used Connections to Cares services.

6. **Would this program exist without CDBG funding?**
(Select one)
☒ Yes
☐ No

D. Staff for Funded Program

1. **Total number of staff employed by organization for this program:**

a. Full-time 0
b. Part-time 2
c. Volunteers 118 Total: 104 Drivers, 10 Board Members, 4
d. Office & Administrative

2. **Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):**

Name, Title: Amy Gall, Executive Director
Phone Number: (847) 222-9331
Email Address: amyg@connectionstocare.org

3. **How long has the staff member identified above been with the organization?**
7 years

E. Fees and Funding Sources

1. Describe any client fees collected*.

We do not charge our clients any fees, but rather ask them to make a donation of $7.50 for each one-way ride. This is an amount that is feasible for most of our passengers who are on low, fixed incomes. Our clients donate as much as they can, but no one is turned away due to an inability to donate all or part of the $7.50.

2. Describe how client fees are used (if applicable):

The donations that are received by passengers are applied to the direct program costs to run the program, which includes staff salaries, volunteer expenses and direct operating costs to run the program.

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$	$
ESG Funds	$	$
HOME Funds	$	$
HOPWA Funds	$	$

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 6,782	$ 5,000
State/Local Funds	$ 21,069	$ 12,431
Private Funds	$ 22,173	$ 13,082
Program Income	$ 16,430	$ 9,694
Other Funding	$ 36,779	$ 21,700

4. Does your organization receive more than $750,000 in federal funds per year?

(Select one)

☐ Yes
☒ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available 2025	$ 127,850	$ 127,850	$ 6,000
Organization or agency's current fiscal year 2024	$ 117,263	$ 117,263	$ 5,000
Organization or agency's last fiscal year 2023	$ 115,546	$ 115,546	$4,000

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$6,000
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$
Construction/Rehabilitation	$
Other	$
Please specify:	
Total CDBG Request	**6,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives.
(The selection should reflect the purpose of your organization's proposed program.)

☒ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes.
(The selection should reflect the result your organization would like to accomplish.)

☒ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):

To connect with older adults and help them care for their health and maintain independence.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☐ Proposed organization budget for the next fiscal year, including proposed funding sources
- ☒ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.).
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#5 Suburban Primary Health Care - Access to Care

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **Access to Care**

Project Location: **Village of Arlington Heights**

CDBG Funding Request: $7,000

Applicant Contact Information

Organization Name **Suburban Primary Health Care Council**

Federal Unique Entity Identifier (UEI) Number **195773900000**

Head of the Organization ()
Name: **Kimberly A Mertz**

Title: **COO**

Email: **Kimberlym@accesstocare.org**

Signature of person authorized to submit this application:

Signature Date: **4/1/2025**

Printed name: **Kimberly A Mertz**

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: **Kimberly A Mertz**

Title: **COO**

Mailing Address: **2225 Enterprise Drive – Suite #2507**

City/State/Zip Code: **Westchester, IL 60154**

Telephone Number: **708.531.0680**

Email Address: **Kimberlym@accesstocare.org**

Organization website: **www.accesstocare.org**

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

Access to Care provides access to primary medical care to low-income residents of suburban Cook County and NW Chicago. Members may have an unlimited number of office visits to their assigned physician, routine lab tests and x-rays for $5 co-payments . Members pay a $15-$40 co-payment for prescription medications. Behavioral Health Services are provided as an extension of primary health care. Up to eight counseling sessions are available through a Social Worker for a $5 co-payment per session. Additional sessions are available on a sliding scale fee. Access to Care has an Opioid Risk Management program with real time analysis done at the point of sale where the dosage or duration of therapy may be excessive. Addiction/substance abuse medications are also a part of the program coverage to help prevent withdrawal symptoms caused by stopping opioid drug usage. This includes NARCAN. Access to Care patients fill their prescriptions at all major pharmacy chains. Flu and Pneumonia vaccines are available at a zero co-payment. Access to Care continues to follow pandemic modifications to the program including: 1) Presuming eligibility and providing benefits for a 3-month period allowing additional time for members to provide paperwork needed to complete the application process. Once received, membership is extended for the entire 12-month period. 2) Establishing the RX RELIEF FUND. Members receive help covering the cost of their prescription co-payments. 3) Suspending enrollment and re-enrollment fees ensuring that all individuals are able to access health coverage.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Access to Care has received CDBG funding from Village of Arlington Heights for many years. In addition; CDBG funding is received from Village of Schaumburg as well as the Village of Mount Prospect.

3. Will any funds be used for research and development?

☐ Yes
√ No

If so, please specify how funds will be used.

B. Service Area

1. **Describe your organization's service area, listing any municipalities served.**
   Access to Care serves residents in ALL municipalities of suburban Cook County and NW Chicago

2. **Does this program serve residents of the Village of Arlington Heights?**

   ☑ Yes
   ☐ No

3. **Describe any additional criteria for your program.**
   Access to Care serves low income (below 300% of the federal poverty level) who are uninsured (or who have $1500 or greater per person annual medical insurance deductible) and are not eligible for public programs such as Medicaid.

4. **What facilities, services, or programs are operated in Arlington Heights?**
   Physicians, laboratory/radiology sites and participating pharmacies are available throughout the suburban Cook County area.

5. **Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.**
   no

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

Primary Health Care Services

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)	5000	90	22
October 1, 2024 – present *(6 months – October through March)*	5293	91	22
October 1, 2023 – September 30, 2024	6021	117	21

3. Please state anticipated cost per client per service for the 2025-26 program year.

ATC anticipates the per person cost to remain similar to the 2024-2025 budgeted amount of $689.75 per person annually and $314.66 per person annually for direct provider costs.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

A grant of $7000 would assist Access to Care in enrolling 22 residents of Arlington Heights in the Access to Care program for one year. They would be assigned to a primary care physician and would be allowed to see their provider for an unlimited number of office visits for $5 each. Additionally, they may have an unlimited number of routine lab tests and x-rays for $5 co-payments per specimen or x-ray. Prescriptions are filled for $15 - $40 co-payments. Behavioral Health Services are provided as an extention of primary health care for a $5 co-payment per session. Access to Care also faciliates appointments for specialty care within the Cook County Hospital system.

5. **If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?**
Possibly. New Arlington Heights residents enroll into the Access to Care program each year. But current residents may re-enroll after their 12-month term if their circumstances and eligibility remain the same.

6. **Would this program exist without CDBG funding?**
(Select one)
√ Yes
☐ No

D. Staff for Funded Program

1. **Total number of staff employed by organization for this program:**

a. Full-time	8
b. Part-time	0
c. Volunteers	19

2. **Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):**

Name, Title: Kimberly A Mertz

Phone Number: 708.531.0680 x227

Email Address: Kimberlym@accesstocare.org

3. **How long has the staff member identified above been with the organization?**
35

E. Fees and Funding Sources

1. Describe any client fees collected*.

$5 co-payments are given to the providers at the time of service (physicians/clinical psychologists/radiology sites/laboratory sites. Prescription medications have a $15, $30 & $40 co-payment for a 30-day supply.

2. Describe how client fees are used (if applicable):

Fees are used to fund additional people into the Access to Care program.

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds	$ 1,205,000	$ 24,100
Private Funds	$ 850,000	$ 17,000
Program Income	$ 0	$ 0
Other Funding special events, investments, service contracts, individual donations & reserves	$ 704,000	$ 14,080

4. Does your organization receive more than $750,000 in federal funds per year?

(Select one)

☐ Yes

√ No

F. Budget

1. Please complete the following table:

Fiscal Year (January – December)	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available - 2026	$ similar to 2025	$ similar to 2025	$ 7000
Organization or agency's current fiscal year – 2025	$ 2,759,000	$2,759,000	$ 6500
Organization or agency's last fiscal year - 2024	$2,666,000	$ 2,666,000	$ 6000

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 0
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 0
Construction/Rehabilitation	$ 0
Other	$ 7000
Please specify: funds used for direct provider service costs: physicians, laboratory, social work and pharmacy	
Total CDBG Request	**$ 7000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives.
(The selection should reflect the purpose of your organization's proposed program.)

✓ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes.
(The selection should reflect the result your organization would like to accomplish.)

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

✓ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):

2. The Mission of the Suburban Primary Health Care Council is to facilitate access to primary health care services for residents of suburban Cook County and northwest Chicago who lack access because of financial barriers.

3. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☑ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☑ Proposed organization budget for the next fiscal year, including proposed funding sources
- ☑ Current organization budget, including proposed funding sources
- ☑ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required
- ☑ Proof of non-profit determination
- ☑ Organizational chart
- ☑ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.).
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#6 WINGS

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **WINGS Safe House and Counseling**

Project Location: WINGS Safe Houses – this is a confidential address in Northwest Suburbs and in Chicago

CDBG Funding Request: $7,000

Applicant Contact Information

Organization Name WINGS Program, Inc.

Federal Unique Entity Identifier (UEI) Number URWMBJDBGED3

Head of the Organization (ex. Executive Director)

Name: Rebecca Darr

Title: President and CEO

Email: rdarr@wingsprogram.com

Signature of person authorized to submit this application: Luticia Fiorito, MS Digitally signed by Luticia Fiorito, MS Date: 2025.04.30 12:35:11 -05'00'

Signature Date: 4.30.2025

Printed name: Luticia Fiorito

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Luticia Fiorito

Title: Government Relations Manager

Mailing Address: P.O. Box 95615

City/State/Zip Code: Palatine, Illinois 60095

Telephone Number: 847-519-7820 x 232

Email Address: lfiorito@wingsprogram.com

Organization website: https://wingsprogram.com/

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

WINGS is seeking funding to support the residents fleeing domestic violence through WINGS Safe Houses. The purpose of WINGS Safe House is to provide emergency shelter and supportive services for 90-120 days. Upon contacting the Illinois Domestic Violence Hotline, victims and their family members matched with WINGS are reserved a spot for 24 hours to arrive at the Safe House. Upon entering the Safe House they are connected to a Family Advocate (case manager) and Child Advocate (children's case manager) when appropriate. Over the course of their stay the Survivor and children are offered a menu of resources through a trauma informed lens with the goal to achieve self-sustainability and financial security. Once the Survivor is ready to leave emergency shelter, they are introduced to WINGS housing options and/or our community partners housing options. Each service is provided through a trauma informed lens empowering the Survivor to take charge of creating their own goals and launching their healing trajectory. Services include but are not limited to; Counseling (individual, adult, child, group, family); case management (creating and revising goals and safety planning); access to resources and Main Stream resources (clothes, toiletries, OTC medications, food); Advocacy (legal, child, housing, financial) and Education (Domestic Violence, Employment, Financial). Since 1985, WINGS has relied upon its Mission and its ability to pivot and create new partnerships and programs to best serve its clients.

According to The Network's 2023 Annual Report, 47,349 contacts were made to the IL Domestic Violence Hotline resulting in a 27% increase in contacts over 2022. Contacts for assistance from Cook County increased by 24%. The Hotline received 17,972 requests for shelter, a 45% increase from 2022. Chicago shelters had no cribs or beds available for 124 days of 2023.

WINGS serves any Survivor and their children fleeing Domestic Violence. WINGS does not discriminate regardless of their age, race, gender, ethnicity, disability, LGBTQI+, Veteran Status, Immigration Status, little- to no English speaking or LMI. In FY24, WINGS client's demographics were broken down as: 45% African American, 17% Caucasian; 27% Hispanic; 1% Asian; 6% 2+ more races; less than 1% Native American and 3% Unreported.

In FY21, WINGS initiated Survivor Lifeline to provide a Lived Experience Mentor to current clients, in FY23 WINGS initiated an Adult Counseling program and in FY24 WINGS opened the Foglia Family Resource Center. WINGS offers safety planning, counseling, Children and Family Services programs, support groups and parenting education at the new state-of-the art facility. In FY24, WINGS Hospital Program expanded with Medical Advocacy pilot program for survivors with traumatic brain injury (TBI) at Northwest Community Hospital. WINGS Hospital Program expanded to the City of Chicago through a partnership with UI Health.

Over 40 years WINGS has developed partnerships with community and government partners to provide services that may be beyond WINGS' scope. A few examples of these partnerships include Northwest Compass, Apna Ghar, Center on Halsted, Kenneth Young Center and Jesse Brown VA.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, WINGS is grateful for funding from Arlington Heights. WINGS also has received funding from Palatine, Mount Prospect, Niles, Skokie, Hanover Park and Cook County.

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.
N/A

B. Service Area

1. **Describe your organization's service area, listing any municipalities served.**
WINGS services are delivered in Cook County and the majority of its clients are from Cook County. However, WINGS serves anyone fleeing domestic violence regardless of their original location whether it be local, statewide or nationwide.

2. **Does this program serve residents of the Village of Arlington Heights?**

☒ Yes
☐ No

3. **Describe any additional criteria for your program.**
The only criteria is that individuals or families are fleeing domestic violence. WINGS does not discriminate against anyone seeking services regardless of their age, gender, race, ethnicity, LGBTQI+, Veteran status, LMI, disability or immigration status. WINGS Safe Houses are two of very few domestic violence shelters that accommodate males over 13, transgender individuals and large families.

4. **What facilities, services, or programs are operated in Arlington Heights?**

WINGS partners with many Arlington Heights apartment complexes to assist clients secure permanent housing. WINGS utilizes a scattered site housing model. This allows clients to select the area where they feel the safest and can create a life free of violence and abuse.

WINGS Hospital Program is onsite at Northwest Community Hospital in Arlington Heights, providing bedside counseling, lethality assessments, safety planning, medical advocacy and resource referrals. Last year, WINGS received funding to launch a pilot program serving Survivors with traumatic brain injury (TBI) at Northwest Community Hospital with dedicated Medical Advocates.

WINGS operates a large resale store in Arlington Heights; this store is one of four WINGS resale stores. WINGS Resale stores generate nearly $3M of WINGS income and provide clothing and household items free of charge for WINGS clients.

5. **Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.**

WINGS is the largest provider of domestic violence services in Illinois. In Fiscal Year 2024 WINGS provided 1,221 program participants with 107,024 nights of emergency, transitional and permanent supportive housing along with individualized and comprehensive services.

WINGS operates the only domestic violence shelter in northwest Cook County. WINGS Safe Houses are two of very few domestic violence shelters that accommodate males over 13, transgender individuals and large families.

WINGS coordinates with other domestic violence service agencies in Cook County, as well as across the Chicago metropolitan area and state of Illinois through the Illinois Domestic Violence Hotline to avoid duplication of clients. WINGS also has referral partnerships to refer clients who require culturally or linguistically specific services to partner agencies that have skills and experience to best serve these clients. For example, WINGS partners with Apna Ghar, KANWIN and Mujeres in Accion.

With all these agencies working together, the demand for domestic violence services still exceeds demand for services. The Network reported that in 2023 there were 124 nights with no available beds at Chicago domestic violence shelters. WINGS Metro recently added five beds and three cribs, which will allow WINGS Metro to more consistently serve the maximum capacity of 45. In summer of 2024, WINGS remodeled its 4 largest guest suites for very large families and/or multiple families sharing into 8 private guest rooms. This renovation provides more privacy and comfort to families while they are healing, as it has become increasingly more difficult for two to three families with different schedules and challenges to share the larger rooms. Along with added privacy and comfort, these renovations will allow WINGS Suburban Safe House to maximize capacity.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

WINGS provides emergency shelter through WINGS two Safe Houses, food, clothing, daily necessities, children's items, baby/infant items, school supplies, advocacy (housing, legal, victim, child, employment), safety planning, access to transportation, child care and Mainstream benefits. Upon exiting the Safe House program, clients may enter WINGS other housing programs Transitional Housing (shared and independent), Permanent Supportive, and Rapid Rehousing.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)	1362	32	4
October 1, 2024 – present *(6 months – October through March)*	1075	20	0
October 1, 2023 – September 30, 2024	1239	30	4

3. Please state anticipated cost per client per service for the 2025-26 program year.

Based on historical data, WINGS anticipates serving 3-6 residents from the Village of Arlington. At the time of application, one night of emergency shelter at the Suburban Safe House is is $64.22 (the all-in cost would be $155) and one night at WINGS Metro Safe House is $65.03 (the all-in cost would be $155). One hour of counseling is $63.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

CDBG funds are used to provide affordable housing through emergency shelter and access to housing advocacy through WINGS Housing Program which offers scattered site housing through Transitional, Permanent Supportive and Rapid Rehousing.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

Yes

6. Would this program exist without CDBG funding?
(Select one)
☒ Yes
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 108
b. Part-time 20
c. Volunteers 2,328

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Luticia Fiorito
Phone Number: 847.519.7820 ext. 232
Email Address: lfiorito@wingsprogram.com

3. How long has the staff member identified above been with the organization?
5.5 years

E. Fees and Funding Sources

1. Describe any client fees collected*.
none

2. Describe how client fees are used (if applicable):
N/A

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$	$
ESG Funds	$ 78,910	$789
HOME Funds	$	$
HOPWA Funds	$	$

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 32,240	$ 324
State/Local Funds	$ 967,437	$ 9,674
Private Funds	$ 567,436	$ 567
Program Income	$	$
Other Funding	$	$

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☒ Yes
☐ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$	$	$ 7,000
Organization or agency's current fiscal year	$ 16,927,258.12	$1,321,810	$7,000
Organization or agency's last fiscal year	$12,810,808	$ 1,201,102	$6,500

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 7,000
Construction/Rehabilitation	$
Other	$
Please specify:	
Total CDBG Request	**$ 7,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☒ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
The mission of WINGS Program, Inc. is to provide housing, integrated services, education and advocacy to end domestic violence.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☐ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)* x
- ☐ Proposed organization budget for the next fiscal year, including proposed funding sources
- ☐ Current organization budget, including proposed funding sources x
- ☐ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only) x
- ☐ Most recent A-133 audit, if an A-133 audit has been required x
- ☐ Proof of non-profit determination x
- ☐ Organizational chart x
- ☐ List of Board of Directors x
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). n/a
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#7 Life Span

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **General Operating Support for Victims of Domestic Violence**

Project Location: Des Plaines

CDBG Funding Request: $10,000

Applicant Contact Information

Organization Name Life Span

Federal Unique Entity Identifier (UEI) Number CBUNRCJVTHF4

Head of the Organization (ex. Executive Director)
Name: Amy C. Fox

Title: Executive Director

Email: afox@life-span.org

Signature of person authorized to submit this application:



Signature Date: 04/24/2025

Printed name: Amy C. Fox

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: James Stewart

Title: Grant Writer

Mailing Address: 70 E. Lake St., Suite #600

City/State/Zip Code: Chicago, IL 60601

Telephone Number: 312-408-1210 EXT: 130

Email Address: jstewart@life-span.org

Organization website: www.life-span.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

Life Span is requesting general operating support to fund agency programming provided in the north and northwest suburbs of Chicago, specifically the residents of the Village of Arlington Heights who fall under presumed LMI category, such as abused children and spouses. This program is ongoing. Life Span provides legal and counseling services to victims of domestic and sexual violence, and their children. Our services are designed to provide a comprehensive solution to domestic violence by combining counseling, support and information, with legal advocacy and representation.

Our Arlington Heights clients receive: counseling for survivors; counseling for children who are exposed to domestic violence; outreach, education and counseling for teens who are from violent homes and /or who self-identify as being in violent relationships. Criminal court advocates work with our clients; our clients receive legal representation in order of protection and family law cases; immigration assistance for undocumented battered women; and outreach, education and training for service providers.

For a more detailed list of ongoing services, please refer to attachment A1.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, we have received CDBG funding from the city of Chicago, the Village of Schaumburg, and Arlington Heights

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. Describe your organization's service area, listing any municipalities served.

Life Span serves all residents of Cook County, particularly the north and northwest suburbs.

2. Does this program serve residents of the Village of Arlington Heights?

☒ Yes
☐ No

3. Describe any additional criteria for your program.

Life Span's services are available to victims of domestic and sexual violence. Our services are free of charge and there are no income restrictions.

4. What facilities, services, or programs are operated in Arlington Heights?

Life Span does not operate any facilities in Arlington Heights; however our services are accessible to Arlington Heights residents in-person at our Des Plaines and Chicago offices. They're also available to all residents of Arlington Heights remotely via telephone and internet. Additionally, Life Span operates out of the courthouses in Skokie, Rolling Meadows, and Chicago at the 555 Harrison courthouse.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

With the exception of Life Span, there are limited services in the northwest suburbs for domestic violence and sexual assault victims and their families. No other domestic violence agency provides civil legal and immigration representation to victims of domestic violence in the northwest suburbs. No other civil legal service agency has an office in the northwest suburbs serving victims of domestic violence. Life Span collaborates and maintains referral networks with other agencies providing services to homeless women and sexual assault victims in the northwest suburbs such as A Safe Place, WINGS, Between Friends and NWCASA.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

Our Arlington Heights clients receive: counseling for survivors; counseling for children who are exposed to domestic violence; outreach, education and counseling for teens who are from violent homes and /or who self-identify as being in violent relationships. Criminal court advocates work with our clients; our clients receive legal representation in order of protection and family law cases; immigration assistance for undocumented battered women; and outreach, education and training for service providers.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	**Total Arlington Heights Residents Served**	**Total Arlington Heights Residents Served by CDBG Funds**
October 1, 2025 – September 30, 2026 (proposed)	2350	70	65
October 1, 2024 – present *(6 months – October through March)*	1450	30	25
October 1, 2023 – September 30, 2024	2340	36	24

3. Please state anticipated cost per client per service for the 2025-26 program year.

Life Span does not charge a fee for any service. We have developed a per diem rate for funding purposes.*

Individual counseling: $65/hour;

Advocacy: $65/hour;

Group counseling: $45/hour;

Legal representation: $125/hour

*Please note: these rates are below market value.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

CDBG funds will be used to support the salaries of direct service staff to provide the services described in this proposal.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

Should we receive the full amount requested, we expect to increase our current service level.

6. Would this program exist without CDBG funding?
(Select one)
☒ Yes
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 46
b. Part-time 0
c. Volunteers 12

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Amy C. Fox
Phone Number: 847-824-0382
Email Address: afox@life-span.org

3. How long has the staff member identified above been with the organization?

27 years

E. Fees and Funding Sources

1. Describe any client fees collected*.

Not applicable.

2. Describe how client fees are used (if applicable):

Not applicable.

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 250,000	$ 15,000
State/Local Funds	$ 3,234,401	$ 20,000
Private Funds	$ 597,563	$ 10,000
Program Income	$ 10,000	$ 0.00
Other Funding Lawyer's Trust Fund, Park Ridge Community Fund, Interest Income	$ 522,425	$ 0.00

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)

☐ Yes
☒ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ 4,614,389	$ 4,614,389	$ 10,000
Organization or agency's current fiscal year	$ 4,690,032	$ 4,690,032	$ 10,000
Organization or agency's last fiscal year	$ 4,235,653	$ 4,235,653	$ 7,000

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 5,000
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 5,000
Construction/Rehabilitation	$
Other	$
Please specify:	
Total CDBG Request	**$ 10,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☒ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☒ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):

Life Span empowers survivors of domestic and sexual violence to demand safety as a human right through client-centered services, and leads social change through accountability, community engagement, and systemic advocacy.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☒ Proposed organization budget for the next fiscal year, including proposed funding sources
- ☒ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required
  Not Applicable
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). – Life Span does not charge clients fees for services.
- ☒ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) – Program brochure included

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*****.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#8 Northwest Compass

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service:
Housing Counseling and Homelessness Diversion

Project Location: 1300 W Northwest Highway

CDBG Funding Request: $10,000

Applicant Contact Information

Organization Name: Northwest Compass, Inc.

Federal Unique Entity Identifier (UEI) Number EJ55KHMKF785

Head of the Organization (ex. Executive Director)
Name: Sonia Ivanov

Title: Executive Director

Email: sivanov@northwestcompass.org

Signature of person authorized to submit this application:

Signature Date: S. Ivanov 4/21/2025

Printed name: Sonia Ivanov

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Alison Pittas

Title: Grant Manager

Mailing Address: 1300 W Northwest Highway

City/State/Zip Code: Mount Prospect, IL 60056

Telephone Number: 847-392-2344

Email Address: apittas@northwestcompass.org

Organization website: www.northwestcompass.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

We are requesting funding for Housing Counseling and Homelessness Diversion which are key components to our Housing Program. This is an initiative that seeks to provide emergency intervention to stabilize an individual or family that comes to us for help due to a housing crisis. As members of the Alliance to End Homelessness, we are part of the Coordinated Entry System. Through Coordinated Entry, clients are able to contact us through the Entry Point Call Center and from there they are assessed and directed to various programs and resources. Our case managers who take these calls are trained in and provide housing counseling for a diverse group of clients to prevent and/or divert homelessness and assist in securing stable and safe housing. Caseworkers are available to listen, support, and guide our participants as they move through life's challenges.

As part of this initiative, our staff are trained to provide comprehensive crisis intervention. This includes a timely and thorough screening and assessment of each client's current situation. Many of our clients present with significant hardships such as domestic violence, trauma, difficult family situations, and lack of family support. Many also face barriers to getting adequate housing and services that they desperately need due to characteristics such as race, ethnicity, immigrant status, and disabilities to name a few. Through this screening process our case managers assess each individual clients' needs to connect them to programs and services that best meet their needs. Case managers will also work to provide landlord mitigation in cases where clients are about to lose their housing or are having difficulty getting into a housing unit. Once housing is secured, our case managers will offer clients additional essential services and resources and will follow up with clients regularly to ensure that they are on a path to stability.

Funding from the Village of Arlington Heights will go towards supporting our personnel budget for staffing case managers. Our case managers will continue to work with Arlington Heights Village staff by taking referrals and referring clients out for additional services as needed.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?
Yes, we have and we have also received CDBG funding from The Village of Mount Prospect, The Village of Schaumburg, The Village of Skokie, The Village of Palatine, and The Village of Des Plaines.

3. Will any funds be used for research and development?

☐ Yes

☒ No

If so, please specify how funds will be used.
N/A

B. Service Area

1. **Describe your organization's service area, listing any municipalities served.**
We serve the Northwest Suburbs of Cook County. This area includes 67 different communities including 14 townships including; Barrington Township, Elk Grove Township, Elgin Township, Evanston Township, Hanover Township, Leyden Township, Maine Township, New Trier Township, Niles Township, Northfield Township, Norwood Park Township, Palatine Township, Schaumburg Township, and Wheeling Township.

2. **Does this program serve residents of the Village of Arlington Heights?**

☒ Yes
☐ No

3. **Describe any additional criteria for your program.**
All residents of The Village of Arlington Heights who are experiencing a housing crisis or homelessness are eligible for our Housing Program. Participants must reside within the boundaries of the Village of Arlington Heights and meet the low-income criteria as defined by HUD. They should either be in a housing crisis, in danger of being evicted, or meet HUD's definition of homelessness in order to receive assistance.

4. **What facilities, services, or programs are operated in Arlington Heights?**
Our physical location is in Mount Prospect, but our housing and supportive services are available to all Village of Arlington Heights residents as it is part of our designated service area. We also currently serve Arlington Heights residents with 8 apartment units located in Arlington Heights that we pay tenants' rent and utilities for as part of both our permanent supportive housing program and a housing program for victims of domestic violence. Additionally, individuals from Arlington Heights can reach us through the Coordinated Entry Call Center, referrals from other agencies, make an appointment by phone, or can walk-in to our office to get assistance.

5. **Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.**
Currently, we are the lead agency in the Northwest Suburbs of Suburban Cook County for Coordinated Entry – a HUD mandated initiative to coordinate housing and supportive services resources in the Suburban Cook area. All social service agencies receiving HUD and State of Illinois funding are required to refer clients to an agency such as ours for housing assistance. Although there are other agencies in the area providing services to housing insecure and homeless individuals, our services are the most comprehensive. We are the only agency in the area providing Street Outreach to homeless individuals who are on the streets. We have excellent working partnerships with like-minded organizations in the area such as The Bridge Youth & Family Services, Harper College, Journeys the Road Home, Wings, The Harbor, Center of Concern, Faith Community Homes, Good Neighbors Network, among others in order to prevent service duplication.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

We provide comprehensive services that are based on client need. Within our Housing Program we offer Permanent Supportive Housing, Rapid Rehousing, Housing Counseling, Housing Navigation, Street Outreach, Homelessness Diversion and Prevention, and essential wrap-around services. Wrap-around services include access to our food pantry, career exploration services, job training, assistance with applications for mainstream benefits, life-skills coaching, clothing and essential supplies, transportation assistance, referrals to substance abuse and mental health services, moving assistance, limited legal assistance, and food deliveries, among other services. All clients of our housing programs undergo a thorough assessment and offered relevant supportive wrap-around services.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)	7100	800	70
October 1, 2024 – present *(6 months – October through March)*	3553	329	65
October 1, 2023 – September 30, 2024	6510	857	151

3. Please state anticipated cost per client per service for the 2025-26 program year.

Anticipated cost is $142 per client per service.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

All of our clients are at either zero, low, or moderate income levels. Each individual that comes to us for assistance will undergo a comprehensive intake process and will be offered wrap-around services based on their individual needs. Case managers will work

with each client to determine the appropriate services for their needs, provide in-depth counseling on their options, and work with them to ensure that they can either retain the housing they have currently or help to locate safe and affordable housing options for them in order to prevent homelessness or make it a one-time, brief occurrence.

5. **If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?**
   Yes, we can assume that we will have new clients from Arlington Heights that have not been served by CDBG funds previously. Due to the rising costs of living and lack of affordable housing in our area we expect demand for our services across our entire service area to increase.

6. **Would this program exist without CDBG funding?**
   (Select one)
   ☒ Yes
   ☐ No

D. Staff for Funded Program

1. **Total number of staff employed by organization for this program:**

   a. Full-time 8
   b. Part-time 3
   c. Volunteers 2

2. **Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):**

   Name, Title: Sonia Ivanov
   Phone Number: 847-305-2764
   Email Address: sivanov@northwestcompass.org

3. **How long has the staff member identified above been with the organization?**
   22+ years with Northwest Compass.

E. Fees and Funding Sources

1. Describe any client fees collected*.
We do not charge clients a fee for services.

2. Describe how client fees are used (if applicable):
N/A

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$	$
ESG Funds	$ 49,000	$ 2614
HOME Funds	$	$
HOPWA Funds	$	$

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 1,588,293	$ 18,000
State/Local Funds	$ 230,587	$ 27,670
Private Funds	$ 75,000	$ 9,000
Program Income	$ 28,000	$ 0
Other Funding United Way	$ 152,548	$ 8024

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☒ Yes
☐ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ N/A	$ N/A	$ 10,000
Organization or agency's current fiscal year	$ 2,456,286	$ 380,000	$ 5,000
Organization or agency's last fiscal year	$ 3,156,554	$ 510,135	$ 4,500

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 10,000
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$
Construction/Rehabilitation	$
Other	$
Please specify:	
Total CDBG Request	**$ 10,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives.
(The selection should reflect the purpose of your organization's proposed program.)

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☒ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes.
(The selection should reflect the result your organization would like to accomplish.)

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☒ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
Our mission is to enhance our community by providing emergency services, education, and empowerment which foster personal responsibility for those who are vulnerable or in crisis.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☐ Proposed organization budget for the next fiscal year, including proposed funding sources Not yet available
- ☒ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required Not required
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). No fee schedule
- ☒ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) 2024 Annual Report attached

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#9 Northwest Center Against Sexual Assault
(NW CASA)

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **Sexual Violence Intervention Program**

Project Location: 415 West Golf Road, Suite 47, Arlington Heights, IL 60005

CDBG Funding Request: $12,000

Applicant Contact Information

Organization Name Northwest Center Against Sexual Assault

Federal Unique Entity Identifier (UEI) Number 36-2897300

Head of the Organization (ex. Executive Director)
Name: Carrie Estrada, LCSW

Title: Executive Director

Email: cestrada@nwcasa.org

Signature of person authorized to submit this application: Carrie Estrada

Signature Date: 4/30/2025

Printed name: Carrie Estrada

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Rebecca Plascencia

Title: Deputy Director

Mailing Address: 415 West Golf Rd, Suite 47

City/State/Zip Code: Arlington Heights, IL 60005

Telephone Number: 847-806-6526 x350

Email Address: rplascencia@nwcasa.org

Organization website: www.nwcasa.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

NWCASA requests funds to suppport our ongoing Sexual Violence Intervention Program which provides specialized counseling, crisis intervention, and advocacy services for Arlington Heights residents who are victims of sexual abuse and/or sexual assault. All services are available in both English and Spanish and all services are provided free of charge to those who need them. The goal of this program is to reduce revictimization within institutions and provide free resources and channels for healing from sexual violence trauma.

Counseling is offered for individuals, families, and groups both in-person and virtually. All counseling is provided by specially trained masters level therapists who have expertise in working with sexual violence victims of all demographics.

Crisis intervention is provided 24/7 through our hotline that is operated by volunteers and staff. All hotline crisis counselors receive 40 hours of specialized training prior to working on the hotline. All volunteers are supervised by our Advocacy Team Supervisor who has training and experience in crisis intervention and advocacy. In addition, volunteers receive quarterly in-service training.

Advocacy services include 24/7 emergency room response to 9 area hospitals including Northwest Community Hospital and 24/7 criminal justice advocacy on behalf of victims who are at the police station or whose cases are being adjudicated in court both at the Roling Meadows and Skokie courthouses. Advocacy services are provided by trained staff and volunteers and are available in both English and Spanish.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?
NWCASA receives CDBG funds from the Village of Mount Prospect, Village of Arlington Heights, and City of Des Plaines.

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.
n/a

B. Service Area

1. **Describe your organization's service area, listing any municipalities served.**
NWCASA serves all residents of North and Northwest Suburban Cook County with our main office in Arlington Heights. We also have an additional satellite office in McHenry, IL which provides services to all of McHenry County. In regards to Cook County services, NWCASA provides comprehensive services to 30 communities on the North and Northwest side including Arlington Heights, Barrington, Bartlett, Buffalo Grove, Des Plaines, Elk Grove Village, Evanston, Glencoe, Golf, Glenview, Hanover Park, Hoffman Estates, Inverness, Kenilworth, Lincolnwood, Morton Grove, Mount Prospect, Niles, Northbrook, Northfield, Palatine, Park Ridge, Prospect Heights, Rolling Meadows, Schaumburg, Skokie, Streamwood, Wheeling, Wilmette, and Winnetka.

2. **Does this program serve residents of the Village of Arlington Heights?**

☒ Yes
☐ No

3. **Describe any additional criteria for your program.**
We provide services to anyone who has experienced sexual harm within our service area, whether directly or indirectly, with the exception of sexual predators who may also be victims.

4. **What facilities, services, or programs are operated in Arlington Heights?**
NWCASA's main office is in Arlington Heights.

5. **Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.**
No. NWCASA is the only agency covering this service area that can provide services to adult and child survivors under the Illinois absolute privilege statute. This provides victims with stronger protection and more control over their lives. Victims can confide in rape crisis center staff knowing that they run little risk of having those communications disclosed publicly unless they consent to such disclosure.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

NWCASA is requesting funds specifically for our Sexual Violence Intervention Program which includes individual, family, and group counseling; a 24/7 crisis hotline; 24/7 medical advocacy at 9 local hospitals; and criminal justice advocacy at 29 police departments and 2 courthouses (Rolling Meadows and Skokie).

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)	500	17	17
October 1, 2024 – present *(6 months – October through March)*	245	5	5
October 1, 2023 – September 30, 2024	502	23	23

3. Please state anticipated cost per client per service for the 2025-26 program year.

NWCASA anticipates a cost between $6,000 - $8,000 per client during the 2025-26 program year depending on individual client needs.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

NWCASA provides all services at no cost to Arlington Heights residents. Because our services are free, the agency finds that an overwhelming number of clients qualify as low/moderate-income. NWCASA operates on the philosophy that free services should remain high-quality and innovative. Furthermore, people don't plan for an assault and nobody should go without healing services because they can't afford to pay.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

NWCASA expects that current Arlington Heights residents would phase out of the program and that new Arlington Heights residents will be served. There may be some overlap for clients who are in counseling or have pending legal advocacy needs

6. Would this program exist without CDBG funding?
(Select one)
☒ Yes
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a.	Full-time	18
b.	Part-time	2
c.	Volunteers	11

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Rebecca Plascencia, Deputy Director & Jamie Blake, Administrative Coordinator

Phone Number: 847-806-6526 x350

Email Address: rplascencia@nwcasa.org & jblake@nwcasa.org

3. How long has the staff member identified above been with the organization?
Rebecca has been with the agency for 13 years and Jamie celebrated her 2 year anniversary in February 2024.

E. Fees and Funding Sources

1. Describe any client fees collected*.
none, all services are free to those who need them.

2. Describe how client fees are used (if applicable):
n/a

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 593,965	$ 13,000
State/Local Funds	$ 1,006,490	$ 12,000
Private Funds	$ 20,000	$ 0
Program Income	$ 0	$ 0
Other Funding Contributions/Events	$ 111,447	$ 0

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☐ Yes
☒ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ 1,866,874	$ 1,673,734	$ 12,000
Organization or agency's current fiscal year	$ 1,731,902	$ 1,582,488	$ 5,000
Organization or agency's last fiscal year	$ 1,491,646	$ 1,039,994	$ 3,000

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 12,000
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 0
Construction/Rehabilitation	$ 0
Other	$ 0
Please specify: n/a	
Total CDBG Request	**$ 12,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives.
(The selection should reflect the purpose of your organization's proposed program.)

☒ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes.
(The selection should reflect the result your organization would like to accomplish.)

☒ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
to empower individuals impacted by sexual harm and engage communities in ending sexual violence.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☒ Proposed organization budget for the next fiscal year, including proposed funding sources
- ☒ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required **n/a**
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). **n/a**
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **Homeless Services**

Project Location: 1140 E. Northwest Highway, Palatine, IL 60074

CDBG Funding Request: $15,000.00

Applicant Contact Information

Organization Name JOURNEYS | The Road Home

Federal Unique Entity Identifier (UEI) Number J1NVA5H3Q1W8

Head of the Organization (ex. Executive Director)
Name: Beth Nabors

Title: Executive Director

Email: b.nabors@journeystheroadhome.org

Signature of person authorized to submit this application: X

Signature Date: 4/29/25

Printed name: Suzanne Ploger, Director of Development

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Shaina Makani

Title: Grants & Database Manager

Mailing Address: 1140 E. Northwest Highway

City/State/Zip Code: Palatine, IL 60074

Telephone Number: 847-963-9163

Email Address: s.makani@journeystheroadhome.org

Organization website: www.journeystheroadhome.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

JOURNEYS is a non-profit organization that aims to end and prevent suburban homelessness for residents of Arlington Heights, and 36 surrounding communities. As the sole provider of a comprehensive and therapeutic Continuum of Care, we are experts at building resiliency, improving self-reliance, and breaking the cycle of homelessness through our emergency shelter, on-site shelter, housing, and wrap around social services. Services are available to anyone in our service area experiencing a housing crisis, whether homeless or at-risk. Our most sought after program is the HOPE Day Center, an all-inclusive drop-in social service and counseling center located in Palatine.

The HOPE Center provides clients access to everything JOURNEYS offers, including over 50 services such as mental health and substance use counseling, on-site health care provided by a Heartland Alliance Advance Practice Nurse, help obtaining benefits, financial education, school advocacy, vocational counseling, food pantry, clothing closet, showers, laundry, housing assistance -including help with applications, connecting clients to housing, and long-term case management. All services are free, and services are available as long as the client needs them, with no timelines. HOPE Center services, such as food pantry, are also available to clients after obtaining housing in order to provide them with a continuous safety net of support.

The overall goal of the HOPE Center is to coordinate supplemental, supportive social services for clients to assist them on their journeys to housing stability.

Each client that presents to the agency receives a comprehensive intake and assessment and is assigned a case manager based on their individual needs. Clients work with their case managers to set goals based on the client's needs (obtain housing, employment, improved stability), track and manage progress on meeting their short- and long-term goals. Similarly, client intakes, progress, notes, services, and goals are recorded through the U.S. Department of Housing and Urban Development's (HUD) Homeless Management Information System (HMIS) database.

All of our services are based on client demand, for that reason, service numbers and trends provide a snapshot of the needs of the most vulnerable residents of Arlington Heights who rely on JOURNEYS for services, shelter, and support.This year, we are seeing an increase in request for our HOPE Center services, with a 13% increase overall, 35% increase in health care services, 10% increase in food pantry requests, and an astonishing 121% increase in housing counseling services.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, we have received funding from the following CDBG communities: Arlington Heights, Palatine, Mount Prospect, and Schaumburg.

3. Will any funds be used for research and development?

☐ Yes
x☐ No

If so, please specify how funds will be used.
N/A

B. Service Area

1. Describe your organization's service area, listing any municipalities served.
JOURNEYS serves residents from 37 communities in the north and northwest suburbs of Cook County, metro Chicago. These communities include Arlington Heights, Barrington, Barrington Hills, Bartlett, Bensenville, Buffalo Grove, Deerfield, Deer Park, Des Plaines, East Dundee, Elk Grove Village, Glencoe, Glenview, Golf, Hanover Park, Hoffman Estates, Inverness, Kenilworth, Lincolnwood, Morton Grove, Mt. Prospect, Niles, Northbrook, Northfield, Palatine, Park Ridge, Prospect Heights, Rolling Meadows, Roselle, Rosemont, Schaumburg, Skokie, South Barrington, Streamwood, Wheeling, Wilmette, and Winnetka.

2. Does this program serve residents of the Village of Arlington Heights?

x☐ Yes
☐ No

3. Describe any additional criteria for your program.
Clients who are struggling with housing insecurity residing in our service area for at least 30 consecutive days.

4. What facilities, services, or programs are operated in Arlington Heights?
Arlington Heights is the second largest source of clients (after Palatine). Our services to Arlington Heights residents would not be possible without the support and partnerships of Arlington Heights based organizations including: Our Saviour's, St. James, First Presbyterian, First United Methodist Church of Arlington Heights, St. John UCC, and Christus Victor – these faith sites serve as PADS shelter sites from October-April. It should be noted that more PADS shelter sites are in Arlington Heights than any other community in our service district. Partnering with JOURNEYS, these faith communities generously open their congregations to serve as emergency shelter sites, providing immediate shelter, meals, and hospitality to those in need – and connecting every guest to the HOPE Day Center for personalized services to help them achieve housing stability.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.
JOURNEYS has been serving Arlington Heights since 1989. We are the only organization in our service area to provide a comprehensive Continuum of Care to guide people from experiences of homelessness to obtaining housing. Arlington Heights is a significant source of our client population, with 13% of our population served last year coming from Arlington Heights. The free services we provide village residents offset costs typically absorbed by hospitals, municipalities, and legal systems. The agency does not duplicate services, and works with other agencies in the region to ensure that services are not duplicated and that best practices are followed.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

The HOPE Day Center provides clients with access to 50 wrap-around social services that address both critical and long-term needs. HOPE Center services include case management, school advocacy, transportation assistance, bike repair, healthcare, and various counseling services such as mental health, substance abuse, benefits, vocational, and housing counseling. Through the HOPE Center, clients also have access to the food pantry, clothing closet, haircuts, mail, laundry facility, and shower facility.

This program has a proven record of success for Arlington Heights and other residents: In Fiscal 2024, the agency provided services to 1,022 unduplicated clients, of whom 565 (or 55%) were unhoused and the remainder at risk. Through the care, compassion, and expertise of JOURNEYS' clinical team, 149 clients were transitioned into permanent housing. We also prevented 461 clients from losing their homes thanks to the prevention services offered to them at the HOPE Center.

The agency's clinical staff further provided 24,911 HOPE Center services. The top-requested services at the HOPE Center in FY24 included 12,888 case management sessions, 4,119 showers, 1,635 food pantry visits, 1,495 clothing closet visits, 1,445 laundry services, 871 personal supply closet visits, 802 housing counseling sessions, 603 street outreach visits, and 248 health care sessions.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)	1,100	120	100
October 1, 2024 – present *(6 months – October through March)*	694	85	63
October 1, 2023 – September 30, 2024	1051	135	109

3. Please state anticipated cost per client per service for the 2025-26 program year.

All services are free to all clients, and there is no limit or timeline enforced on the number of services or the length of time the client has in the program. The clinical staff tracks the estimated cost of services, with case management, mental health services, counseling, job and housing services tracked at $66.00/hour; other services such as food pantry, clothing closet, showers, and laundry are tracked at $31.00/hour. Health care services provided by JOURNEYS partner, Heartland Alliance Health, are recorded but the cost is not tracked since the service is provided by Heartland's medical team. In addition, services provided to children are also recorded, but the cost is only tracked under the parent's services. In FY24, the value of HOPE Center services to adult clients was valued at $316,703.00; with approximately $41,171.00 in services given to VAH residents, and $31,670.00 in services given to VAH CDBG qualified clients. This amount does NOT include the cost of the case manager or any other staff salary, or building costs.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

JOURNEYS will meet its CDBG goals by providing comprehensive social services to Arlington Heights residents. All of JOURNEYS clients qualify as low-income. All clients are currently experiencing homelessness or are at risk of homelessness. 44% of clients have no income at all, relying on JOURNEYS secure their basic needs, while 9 out of 10 clients qualify as 'Extremely Low Income' based on AMI. To serve the unhoused and low income populations of Arlington Heights, the agency will work with its partners in Arlington Heights and other communities to provide best-practice intervention and case management for those in need of agency services. Additionally, JOURNEYS will continue to reach out to the larger Arlington Heights community through volunteer opportunities, community events, tours, speaking engagements, and social media posts.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

JOURNEYS serves anyone from Arlington Heights who seeks services.

6. Would this program exist without CDBG funding?

(Select one)

x☐ Yes

☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 22

b. Part-time 6

c. Volunteers 1,000

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Shaina Makani, Grants & Database Manager

Phone Number: 847-963-9163 ext 122

Email Address: s.makani@journeystheroadhome.org

3. How long has the staff member identified above been with the organization?

13 years

E. Fees and Funding Sources

1. Describe any client fees collected*.

There are no client fees, all services, including shelter are free.

2. Describe how client fees are used (if applicable):

N/A

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0.00	$ 0.00
ESG Funds	$ 30,000	$ 3,900
HOME Funds	$ 0.00	$ 0.00
HOPWA Funds	$ 0.00	$ 0.00

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0.00	$ 0.00
State/Local Funds	$ 268,130	$ 34,856
Private Funds	$ 1,121,543	$ 145,800
Program Income	$ 0.00	$ 0.00
Other Funding Events	$ 160,955	$ 20,924.15

4. Does your organization receive more than $750,000 in federal funds per year?

(Select one)

☐ Yes

x☐ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ 2,297,523.15	$ 805,000	$ 15,000
Organization or agency's current fiscal year	$ 2,182,403	$ 766,351	$ 9,300
Organization or agency's last fiscal year	$ 1,850,457	$ 696,687	$ 9,300

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 15,000
Construction/Rehabilitation	$
Other	$
Please specify:	
Total CDBG Request	**$ 15,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

x☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

x☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
The mission of JOURNEYS The Road Home is to individually assess and serve the homeless and near homeless, while broadening community awareness and involvement.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- x☐ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- x☐ Proposed organization budget for the next fiscal year, including proposed funding sources
- x☐ Current organization budget, including proposed funding sources
- x☐ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- N/A☐ Most recent A-133 audit, if an A-133 audit has been required *Not required*
- x☐ Proof of non-profit determination
- x☐ Organizational chart
- x☐ List of Board of Directors
- N/A☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). *Not Applicable*
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☐ Proposed construction/rehabilitation schedule by month*.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#11 Clearbrook

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: Eastman CILA Rehabilitation Project

Project Location: 618 Eastman Street, Arlington Heights, IL 60005

CDBG Funding Request: $27,950

Applicant Contact Information

Organization Name: Clearbrook

Federal Unique Entity Identifier (UEI) Number: Y6FBTKA2DMM3

Head of the Organization (ex. Executive Director) Name: Jessica Smart

Title: President & CEO

Email: JSmart@clearbrook.org

Signature of person authorized to submit this application: Jessica Smart

Signature Date: April 29, 2025

Printed name: Jessica Smart

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Don Frick

Title: Vice President of Operations

Mailing Address: Clearbrook, 1835 W. Central Road

City/State/Zip Code: Arlington Heights, IL 60005-2410 Telephone Number: 847-870-7711

Email Address: DFrick@clearbrook.org

Organization website: https://www.clearbrook.org

Name for Proposed Project or Service: **Eastman CILA Kitchen Rehabilitation**

Project Location:618 Eastman Street, Arlington Heights, IL 60005

CDBG Funding Request: $27,950

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

The Eastman CILA Rehabilitation Project focuses on this major goal for CILA residents: independence in daily living which allows aging in place. This project will do so by improving accessibility for the home's residents who are low-income disabled adults. One of the residents is in a wheelchair. Another resident uses a walker and will likely transition to a wheelchair in coming years.

This project will allow for the kitchen to be fully rehabilitated to provide accessibility, safety, health and independence for the six male residents at 618 Eastman Street.

- The current kitchen sink is too high for residents and will be lowered for accessibility and safety. A garbage disposal will be added to support residents and prevent clogs while existing appliances will remain.

- Two residents have food allergies and restrictive diets. Three residents exhibit unsafe food foraging. New cabinets will provide the organization systems allowing staff to adequately store, separate and lock food for allergies, foraging and safety.

- As the bustling home needs constant cleaning and maintenance, the materials and design carefully selected for the kitchen rehabilitation will reduce demands on staff, freeing them for direct support of the residents.

The six men who currently call this ranch-style CILA home are: HC age 49, TD age 67, DJ age 65, KK age 45, TL age 67, and DR age 72. The men receive 24-hour support seven days a week with a team of six current staff including a house manager.

Six of the eight bedrooms are those of the six men. The 7th bedroom is a medication office with locked cabinets. The 8th bedroom is currently being used for storage (namely stacks of cartons of incontinence supplies). Additional storage in the kitchen creates the possibility for a staff break room/bedroom in the 8th bedroom.

The overall functionality of the kitchen will enable all residents to be safer in obtaining their nutrition, foster participation and independence in meal preparation, and grow toward aging in place. It will be a natural hub of socialization, and the men have hopes of throwing a kitchen kick-off party.

Clearbrook's commitment to cost-sharing and quality control include paying a portion of the lowest of three bids and underwriting full-time operations director Don Frick as well as government compliance coordinator Angela Campbell who will attend to this project.

Clearbrook also employs a house manager who oversees the day-to-day function of the house and acts as a supervisor to the support personnel for the residents. We are currently seeking to fill the opening of one support professional for Eastman residents.

Part One: The project will begin with design and material selections, permitting, debris removal by truck of use of dumpster, floor/dust removal and demo of complete kitchen. The materials selected for the Eastman CILA rehabilitation will increase durability and lower cleaning/ maintenance needs for staff and residents alike.

Part Two: The existing 20' x 13' kitchen will be framed as needed to install new cabinets. New 4" LED trims will be installed for existing recessed can lights. The following activities will be completed such that the kitchen can be utilized by all of the residents: Lowering of sink drain to accommodate a lower and deeper undermount sink with garbage disposal allowing residents greater access and preventing sink drain clogs. Re-do water lines and shut-off valves for faucet and dishwasher. Pull new electrical circuits to kitchen per code. There will be one circuit for each as is required: dishwasher, garbage disposal, microwave, oven/cooktop, refrigerator and two countertop circuits. Add outlet for physical disconnect of dishwasher and garbage disposal under sink per code. Add outlet for new location of microwave. Relocate any electrical located in soffits to wall cavities. Tape and finish all drywall where necessary. Prime and paint ceiling and walls. Install durable, low-maintenance quartz countertop and laminate cabinets providing lower maintenance and greater durability. Install crown molding, baseboards and base shoe, and backsplash with tile and grout. Remove and reinstall existing stove, microwave and refrigerator.

Please see the attached additional information with photos of the Eastman CILA home.

2. **Previous CDBG Funding**
   Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?
   Yes. Clearbrook has worked with Arlington Heights, Schaumburg and Hoffman Estates as well as McHenry, Lake and Cook Counties on projects funded through the use of CDBG grants.

3. **Will any funds be used for research and development?**
   No

B. Service Area

1. Describe your organization's service area, listing any municipalities served.
Clearbrook provides programs and services to individuals who have intellectual, developmental, and physical disabilities and those with a serious mental illness. The organization serves residents of 16 counties in northern Illinois. In the Chicago Metropolitan Area, the municipalities served by Clearbrook's programs include: Addison, Arlington Heights, Aurora, Bensenville, Berkeley, Broadview, Buffalo Grove, Carpentersville, Chicago, Crystal Lake, Deerfield, Downers Grove, Elk Grove Village, Evanston, Gages Lake, Glenview, Gurnee, Hanover Park, Hoffman Estates, Kankakee, Lake Bluff, Lisle, Maywood, Mt. Prospect, Mettawa, Naperville, Northbrook, Northfield, Oak Park, Palatine, Park Ridge, Plainfield, Prospect Heights, Rolling Meadows, Romeoville, Schaumburg, Skokie, Waukegan, Wheeling and Wilmette.

2. Does this program serve residents of the Village of Arlington Heights?
Yes

3. Describe any additional criteria for your program.
As people with Intellectual and Developmental Disabilities (I/DD) live longer, appropriate housing becomes an even more crucial issue. In addition to physical challenges, disproportionately higher rates of Alzheimer's or dementia have shown to be a unique challenge for individuals with I/DD. The lack of affordable housing in Illinois is of great concern and need. State, county and local strategic and consolidated plans have been developed with this in mind. The long waitlist of those seeking 24/7 residential care and services along with the increasing number of individuals who are homeless, indicates that housing needs for adults with disabilities and those with extremely low incomes are unmet and underfunded.

Accompanying this need is a shortage of more specialized housing (e.g., permanent supportive housing, institutional care and subsidized housing) for those residents with extremely low-income, have a diagnosis of Intellectual and Developmental Disabilities (I/DD), and those with a Serious Mental Illness (SMI). As those with I/DD live longer, appropriate and adapted housing becomes even more crucial. Adults with I/DD face a housing crisis with many contributing factors: a serious lack of safe, affordable, accessible and integrated housing and significant housing-related discrimination. Recognition and agreement with the proposition that people with disabilities belong in the community has led to a growing demand for community-based housing.

Unfortunately, individuals with disabilities are often among the nation's poorest citizens, posing major barriers to community living and placing many people with I/DD at risk of institutionalization and/or homelessness. CILA residents remain in their home for as long as they wish or can do so safely; aging in place is a goal.

Most individuals stay in the same home as originally placed. Friendships develop and bonds form between residents. If they should require medical care or enhanced services, whether it be for a short duration or long stay, they may move from their CILA home into an Intermediate Care Facility at Clearbrook. The objective for those who live in a CILA is one of self-advocacy.

4. **What facilities, services, or programs are operated in Arlington Heights?**
   Clearbrook has several CILA homes and a Community Day Services program that focuses activities on helping individuals prepare for community employment. The agency's main office also operates out of Arlington Heights.

5. **Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.**
   Yes. Little City Foundation owns and operates CILA homes in the Village of Arlington Heights. Glenkirk and Shelter, Inc. also provide residential services in this area. Despite having multiple providers, the number of individuals seeking services far outnumber the opportunities for placement and the need keeps growing.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

Clearbrook's Community Living/Residential Services Program focuses on the operation of Community Integrated Living Arrangement (CILA), homes (also referred to as group homes), and Intermittent CILA homes. Through the Intermittent CILA Program, the homes are designed to operate with less than the standard 24/7 staff support. This environment is offered to residents who are able to function with greater independence. Program staff provide the level of support residents need. For some, this can mean help with hygiene or other daily living tasks. Others may need help cooking, and some may only need support with managing finances and transportation. Clearbrook supports individuals to live self-directed lives to the greatest extent possible, including participation and involvement in their communities. Direct Support Professional (DSP) staff provide personal care to each resident. All adult residents have Implementation Strategies (i.e., a plan) that detail how their lives can be best enhanced per the individual's strengths and sense of meaning. DSPs orient their work around each resident's ISP. The strategies concentrate on specific activities and knowledge including: 1) Independence in Daily Living; 2) Community Integration; 3) Economic Self-Sufficiency; and 4) Self-Administration of Medicine.

Clearbrook's residential services are available to adults with a diagnosis of I/DD and who are 18 years or older. 98% of the individuals Clearbrook serves are Medicaid-eligible (i.e., extremely low income). The Illinois Department of Human Services financially supports most of the residents' needs, but the rate of reimbursement is insufficient to fully fund program services and/or capital improvement projects. Thus, funding from other public and private sources is necessary to provide essential services. Once an adult moves into a Clearbrook residence they typically live there the rest of their lives.

Six Village of Arlington Heights residents live in the Eastman CILA. They receive shelter and around-the-clock care from Clearbrook. Four of the men are senior citizens 65 and older who have each been part of Clearbrook for 30 years or more. In addition to shelter, day services, transportation, mental health services and medical assistance, the residents enjoy three meals a day from the home's kitchen that advance their health, nutrition, socialization, and independence goals. With support from Clearbrook staff, residents participate in the planning, preparing, serving, and plating to the best of their abilities. Each resident has his own set of goals for daily living of which the kitchen is an important part. Medication is administered by staff from locked cabinets in a dedicated medication room. Food allergy and restrictive diet needs including H.C.'s pureed, nectar-thick liquid diet are carefully adhered to under locked cabinets and persistent staff care.

2. **Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.**

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (proposed)	6	6	6
October 1, 2024 – present	6	6	6
October 1, 2023 – September 30, 2024	6	6	6

3. **Please state anticipated cost per client per service for the 2025-26 program year.**
   Please see attached FY25 budget for the operations of the Eastman CILA home.

4. **How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?**
   The CDBG funds will be used to provide the low-income, disabled residents of the Eastman CILA with an accessible kitchen that is supportive of their special needs.

5. **If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?**
   Yes

6. **Would this program exist without CDBG funding?**
   Yes, however, later.

D. Staff for Funded Program

1. Total number of staff employed by organization for program (Eastman CILA):

a. Full-time 6

b. Part-time 0

c. Volunteers As needed

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Don Frick, VP of Operations
Phone Number: 847-870-7711
Email Address: DFrick@clearbrook.org

3. How long has the staff member identified above been with the organization?

Don Frick has been with Clearbrook for more than 31 years.

E. Fees and Funding Sources

1. Describe any client fees collected*.

The majority of the individuals served by Clearbrook are of extremely low income and Medicaid eligible. If any are not eligible or choose to not receive Medicaid, Clearbrook has discounted fees for participation in Community Day Services and transportation if needed to participate. A copy of Clearbrook's Contract for Community Day Services is attached.

2. Describe how client fees are used (if applicable):

Client fees would not be used for this project. The project is CILA kitchen rehabilitation for which client fees are not collected.

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds (FY'26 estimated program support, services and minor capital improvements)	$ 655,401	$ 655,401
Private Funds	$ 0	$ 0
Program Income (FY'26 estimated program support and services)	$ 80,984	$ 80,984
Other Funding	$ 0	$ 0

4. Does your organization receive more than $750,000 in federal funds per year?

Yes

F. Budget

Please see attached FY'25 budget for the operations of the Eastman CILA home.

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are Being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	Not yet available	NA	NA
Organization or agency's current fiscal year	$ 75,461,567	$486,384	$ 486,384
Organization or agency's last fiscal year	$ 71,130,888	$ 458,470	$ 458,470

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 0
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 0
Construction/Rehabilitation	$27,950
Other	$ 0
Please specify: Eastman CILA Kitchen Rehabilitation	
Total CDBG Request	**$ 27,950**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives.
(The selection should reflect the purpose of your organization's proposed program.)

X *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes.
(The selection should reflect the result your organization would like to accomplish.)

X *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available

H. Other Information

1. Mission Statement for your organization (may be attached):
For more than six decades, Clearbrook has been providing top-quality programming and services to children and adults with a variety of disabilities. We offer personalized children's, adult day, employment, residential, and clinical services at more than 80 locations throughout northern Illinois. In addition, Clearbrook is the largest provider of home-based services in the state of Illinois.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- X Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
  Proposed organization budget for the next fiscal year, including proposed funding sources – **Not yet available**
- X Current organization budget, including proposed funding sources
- X Most recent audit (one hard copy, electronic copy or web address where the audit can be found only) - **One hard copy is provided and a PDF in email**
  Most recent A-133 audit, if it has been required – **Has not been required**
- X Proof of non-profit determination
- X Organizational chart
- X List of Board of Directors
  Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). – **Fees are not collected for CILA rehabilitation**
- X The applicant may provide other attachments at the organization's option.
  Other (please describe) – **Eastman CILA resident information, photos, and Clearbrook Contract for Community Day Services**

Construction/Rehabilitation Applications Only:

- X Proposed construction/rehabilitation schedule by month.

  Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

- X Cost and Design Assistance Estimates – **Three bids were obtained and are attached. This request is based on the lowest bid and Clearbrook covering $2,000 plus two Clearbrook operations staff as cost-sharing**.

  All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

  Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: Kingsbury CILA Door Replacement and Chestnut CILA Driveway Restoration

Project Location: W. Kingsbury Dr. and N. Chestnut Ave.

CDBG Funding Request: $33,100

Applicant Contact Information

Organization Name Glenkirk

Federal Unique Entity Identifier (UEI) Number 36-2345191

Head of the Organization (ex. Executive Director)
Name: Kim Berenberg

Title: Chief Executive Officer

Email: kberenberg@glenkirk.org

Signature of person authorized to submit this application:

Signature Date: 4/28/2025

Printed name: Christeon Mayfield

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Christeon Mayfield

Title: Director of Development

Mailing Address: 3504 Commercial Ave

City/State/Zip Code: Northbrook, IL 60062

Telephone Number: 773-326-8914

Email Address: cmayfield@glenkirk.org

Organization website: glenkirk.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

Glenkirk is requesting funding to support critical capital improvements at two of its Community Integrated Living Arrangements (CILAs), which provide 24/7 residential care for adults with intellectual and developmental disabilities. At our Chestnut CILA, we plan to replace the existing 20'x26' asphalt driveway with a new 5" heavy-duty driveway specifically designed to accommodate our accessible transport van. This van is essential for safely transporting residents to medical appointments, community activities, and day programs, and the new driveway will ensure long-term durability and safety. Additionally, we plan to replace the aging front door and sidelights at our Kingsbury CILA to enhance accessibility, safety, and energy efficiency. These improvements will ensure our residential settings remain safe, functional, and supportive of the needs of those we serve.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Glenkirk has previously received CDBG money from Arlington Heights for projects to install energy-efficient windows and complete kitchen renovations in 2 CILA group homes. Most recently, we were awarded money from Arlington Heights in 2024 to replace the roof, soffit, fascia, downspouts and gutters at our Chestnut Ave CILA. This grant also supported the replacement of the soffits, fascia, gutters, window wells and the front gate at our Kingsbury CILA. We also received CDBG money from Cook County in 2012 to rehab the HVAC system in our Northbrook office.

3. Will any funds be used for research and development?

☐ Yes
☒ **No**

If so, please specify how funds will be used.
n/a

B. Service Area

1. Describe your organization's service area, listing any municipalities served.
Glenkirk provides services in Northern Cook and Lake Counties.

2. Does this program serve residents of the Village of Arlington Heights?

☒ **Yes**
☐ No

3. Describe any additional criteria for your program.

Glenkirk's residential services are available to people aged 18 and above with intellectual and developmental disabilities who face significant functional constraints in at least one of the key areas of daily life, such as self-care, self-direction, independent living, or financial independence. To qualify for these services, individuals must complete the State of Illinois's intake process, which involves being registered on the Prioritization of Urgency of Need for Services ("PUNS") database.

4. What facilities, services, or programs are operated in Arlington Heights?

Glenkirk operates three Community Integrated Living Arrangements (CILAs) in Arlington Heights that serve 16 individuals with intellectual disabilities. These homes are family-oriented, group homes designed to enable all residents to reach their full potential while living and working in a fully integrated community environment. CILAs provide a family setting where residents choose their roommates and room decor, shop for groceries, and actively participate in leisure and community activities with the rest of their family.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

In the Arlington Heights region, Clearbrook and Shelter, Inc. are two other service providers. Moreover, Avenues to Independence, American Residential Care, Inc., Circle of Support, Little City, Lutheran Social Services, Saze Community Services, and Search, Inc. all offer CILA services in our service area. Even though these organizations offer comparable services, there is no overlap as people are only eligible for one residential service at a time. It is worth noting that nearly 15,000 people are currently on the waiting list for residential services in Illinois.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

Glenkirk's 24/7 residential programs provide comprehensive support for individuals with intellectual and developmental disabilities, including assistance with feeding, toileting, bathing, dressing, personal hygiene, mobility, medication administration, and behavioral health needs. In addition to residential care, Glenkirk offers Day Programs focused on life skills development, vocational training, and community integration. Other key services include behavioral health counseling, case management, and transportation to medical appointments and community-based activities.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	**Total Arlington Heights Residents Served**	**Total Arlington Heights Residents Served by CDBG Funds**
October 1, 2025 – September 30, 2026 (proposed)	117	16	11
October 1, 2024 – present *(6 months – October through March)*	117	16	0
October 1, 2023 – September 30, 2024	200	19	12

3. Please state anticipated cost per client per service for the 2025-26 program year.
$110,728

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?
Our project aims to address the needs of low-income residents by improving the safety and accessibility of their homes. By addressing these needs, we hope to improve the quality of life for our individuals and help them feel more secure and comfortable in their homes.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?
The purpose of the funds is to sustain the existing level of service. The house renovation project will not result in any additional living space, but it will enhance the living conditions for the current occupancy.

6. Would this program exist without CDBG funding?
(Select one)
☒ **Yes**
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 9
b. Part-time 2
c. Volunteers 0

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Christeon Mayfield, Director of Development
Phone Number: 773-326-8914
Email Address: cmayfield@glenkirk.org

3. How long has the staff member identified above been with the organization?
36 months

E. Fees and Funding Sources

1. Describe any client fees collected*.

Glenkirk's services are provided without charge, as they are funded by the state, as well as fdeal entitlements such as SSDI, SSI, and RR.

2. Describe how client fees are used (if applicable):

N/A

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	0	0
ESG Funds	0	0
HOME Funds	0	0
HOPWA Funds	0	0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	0	0
State/Local Funds	0	0
Private Funds	0	0
Program Income	0	0
Other Funding	0	0

4. Does your organization receive more than $750,000 in federal funds per year?

(Select one)

☐ Yes
☒ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	Not yet available	Not yet available	$ 33,100
Organization or agency's current fiscal year	$ 18,761,269	$ 11,667,699	$ 0
Organization or agency's last fiscal year	$ 15,219,366	$ 11,166,339	$ 47,035

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 0
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 0
Construction/Rehabilitation	$ 33,100
Other	$ 0
Please specify:	
Total CDBG Request	**$ 33,100**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☒ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☒ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
Glenkirk's mission is to provide quality, lifetime support and services that empower individuals with intellectual disabilities to participate fully in all areas of community life.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☐ Proposed organization budget for the next fiscal year, including proposed funding sources N/A
- ☒ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☒ Most recent A-133 audit, if an A-133 audit has been required
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). N/A
- ☒ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) Organization Brochure

Construction/Rehabilitation Applications Only:

☒ Proposed construction/rehabilitation schedule by month*****.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☒ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **Grace Terrace**

Project Location: 1519 S Arlington Heights Rd, Arlington Heights, IL 60005

CDBG Funding Request: $100,000.00

Applicant Contact Information

Organization Name: Full Circle Communities, Inc.

Federal Unique Entity Identifier (UEI) Number D8ZBWCQRQCJ8

Head of the Organization (ex. Executive Director)
Name: Joshua Wilmoth

Title: President & CEO

Email: jwilmoth@fccommunities.org

Signature of person authorized to submit this application: 

Signature Date:

Printed name: Joshua Wilmoth

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Denise Reyes

Title: Project Manager

Mailing Address: 310 S Peoria St. Ste.500

City/State/Zip Code: Chicago, IL 60607

Telephone Number: 312-530-9618

Email Address: dreyes@fccommunities.org

Organization website: fccommunities.org

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

The project will be a new 25-unit permanent supportive housing development located at 1519 S Arlington Heights Road in Arlington Heights. We are requesting CDBG funds to pay for site infrastructure improvement costs. The project will provide housing for individuals and families earning between 30% and 50% of the area median income (AMI), and target persons with a disability with a preference for veterans with a disability. The project will include universally designed units and several community amenity spaces, including a community room, library, and a computer lab. A property management office will be available on-site.

As part of Full Circle's mission, we will provide on-site comprehensive, supportive services at no cost to the resident. These services will range from behavioral health case management to light community activities, all with the focus of individualized assistance, tenancy skills, and assistance with community integration.

It would also address the unmet need for affordable permanent supportive housing for persons with disabilities. The project will help meet the Village's goal to increase housing accessibility and affordability, as well as contribute to Governor Pritzker's goal of creating more permanent supportive housing in the State of Illinois.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

Yes, Full Circle received CDBG funds for the following projects:

- REC Center in Detroit, MI:
  - 43-unit permanent supportive housing
  - Received City of Detroit CDBG funds in 2020
- Goodlette Arms Apartments in Naples, FL:
  - 250-unit affordable senior development
  - Received Collier County CDBG funds in 2012
- Creekview Apartments in Richmond, IL:
  - 25-unit affordable senior housing
  - Received McHenry County CDBG funds in 2015

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.
N/A

B. Service Area

1. Describe your organization's service area, listing any municipalities served.

Full Circle currently owns more than 2,000 units of affordable housing in the following locations:

- Illinois – Carol Stream, Chicago, McHenry, Richmond, Elgin, Lake Zurich, Lansing
- Iowa – Boone, Dubuque, Marion
- Michigan – Battle Creek, Kalamazoo, Portage, Detroit, Ferndale

2. Does this program serve residents of the Village of Arlington Heights?

☒ Yes
☐ No

3. Describe any additional criteria for your program.

Tenants will need to meet the unit income targets. All of the project's 25 units will be permanent supporting housing (PSH) units that target individuals and households that earn between 30% and 50% of AMI. Tenants will also need to pass credit, criminal, and background checks.

4. What facilities, services, or programs are operated in Arlington Heights?
Grace Terrace will be located at 1519 S Arlington Heights Rd, in Arlington Heights. On-site, comprehensive supportive services will be provided at no cost to the residents.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

Other affordable housing developers that serve the Village of Arlington Heights and/or the Chicago northwest suburbs include:

- UPholdings – developer for 50-unit permanent supportive housing development PhilHaven in Wheeling; 18-unit permanent supportive housing development Heart's Place in Arlington Heights; and 39-unit permanent supportive housing development Myers Place in Mount Prospect
- Housing Opportunity Development Corporation (HODC) – developer for 44-unit permanent supportive housing development Spruce Village in Palatine

Service duplication is avoided because the current need for permanent supportive housing in the Village of Arlington Heights and the Chicago northwest suburbs exceeds the number of existing permanent supportive housing units in the area. This was supported by a third party market study conducted for Grace Terrace stating there is a large demand for permanent supportive housing in the market area, and other operators of this type of housing report long waitlists.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

Grace Terrace will have on-site staff providing supportive services. These services will be tailored to the needs of the residents and can include asset management, case management, health and wellness, and socialization and community building.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026* (proposed)	60+**	60+**	60+**
October 1, 2024 – present *(6 months – October through March)*	0	0	0
October 1, 2023 – September 30, 2024	0	0	0

* The project is anticipated to complete construction in September 2026, with full initial occupancy occurring by February 2027.

** Number assumes two people per bedroom as the minimum number of persons served. In reality, the number will be higher as initial tenants move out and new tenants move in throughout the full life of the project.

3. Please state anticipated cost per client per service for the 2025-26 program year.
N/A

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

CDBG funds would serve as critical gap financing and allow the project to be financially feasible. In doing so, CDBG funds would allow us to build and operate a new housing development that offers affordable rents to tenants. CDBG funds would leverage other sources of funds, including $8.5 million in PSH funds from the Illinois Housing Development Authority (IHDA), a $1.5 million permanent IFF loan, a $2.5 million Cook County HOME grant, a $150,000 grant through the Illinois Rebuild Illinois Capital Program, and an approximately $75,300 ComEd Energy Efficiency Program grant.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

CDBG funds would be used to serve new tenants in Arlington Heights.

6. Would this program exist without CDBG funding?
(Select one)
☐ Yes
☒ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 2 (property manager and maintenance person)
b. Part-time 0
c. Volunteers 0

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Denise Reyes, Project Manager
Phone Number: 312-960-9618
Email Address: dreyes@fccommunities.org

3. How long has the staff member identified above been with the organization?

The staff member above has worked with Full Circle Communities for 4 years.

E. Fees and Funding Sources

1. Describe any client fees collected*.

Full Circle will collect rent from the project's tenants.

2. Describe how client fees are used (if applicable):

Rent is used for the long-term operations of the property.

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 2,500,000	$ 2,500,000
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds (IHDA PSH funds, IAHTC Donation Tax Credits)	$ 9,133,500	$ 9,133,500
Private Funds (IFF permanent loan)	$ 1,500,000	$ 1,500,000
Program Income	$ 0	$ 0
Other Funding: FHLB AHP, ComEd, DCEO funds	$ 600,380	$ 600,380

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)

☐ Yes
☒ No

F. Budget

1. Please complete the following table:

Program Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available*	N/A**	$ 14,231,531	$ 100,000
Organization or agency's current fiscal year	$ 0	$ 0	$ 0
Organization or agency's last fiscal year	$ 0	$ 0	$ 0

* Closing for IHDA PSH funds is anticipated to occur in September 2025, and construction will commence within a month and last approximately 12 months.
** No agency budget is provided in this application
*** The total development cost (TDC) for the project is $14,231,531.

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$ 0
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$ 0
Construction/Rehabilitation	$ 100,0000
Other	$ 0
Please specify:	
Total CDBG Request	**$ 100,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☒ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☒ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):

To expand access to quality affordable housing through preservation and development, thoughtful design, and the provision of significant and targeted supportive services to our residents and the surrounding communities.

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)*
- ☐ Proposed organization budget for the next fiscal year, including proposed funding sources
- ☐ Current organization budget, including proposed funding sources
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only)
- ☐ Most recent A-133 audit, if an A-133 audit has been required
- ☒ Proof of non-profit determination
- ☒ Organizational chart
- ☒ List of Board of Directors
- ☐ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.).
- ☐ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe)

Construction/Rehabilitation Applications Only:

☒ Proposed construction/rehabilitation schedule by month*****.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☒ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **VAH Group Home Rehab Grant Program**

Project Location: 33 S Arlington Heights Rd., Arlington Heights, IL 60005

CDBG Funding Request: $110,000

Applicant Contact Information

Organization Name Village of Arlington Heights/Housing Commission

Federal Unique Entity Identifier (UEI) Number SA2FJCC7CXS2

Head of the Organization (ex. Executive Director)
Name: Emily Rodman

Title: Director of Planning & Community Development

Email: erodman@vah.com

Signature of person authorized to submit this application: *Emily Rodman*

Signature Date: 4/22/2025

Printed name: Emily Rodman

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Nora Boyer

Title: Housing Planner

Mailing Address: 33 S. Arlington Heights Rd.

City/State/Zip Code: Arlington Heights, IL 60005

Telephone Number: 847-368-5214

Email Address: nboyer@vah.com

Organization website: www.vah.com

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

This program involves making renovations to group homes for the benefit of special needs residents. Priority is given to the correction of Village Code deficiencies and accessibility items. The group homes are owned by nonprofit agencies that must, in accordance with HUD regulations, continue to use the homes for CDBG-eligible purposes for a minimum of 5 years after the closeout of the grants for the improvements.

On April 16, 2025, the Housing Commission made a unanimous recommendation to the Village Board that, at a minimum, the Group Home Rehab program be funded at the level funded for the 2025/2026 year which was $110,000.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

The Village has funded this program periodically since 1978 and regularly in recent years. The allocations for the past 5 years for this program were:

2020-2021: $25,000
2021-2022: $115,000
2022-2023: $68,240
2023-2024: $115,000
2024-2025: $90,000

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. Describe your organization's service area, listing any municipalities served.
This program is offered Village-wide.

2. Does this program serve residents of the Village of Arlington Heights?

☒ Yes
☐ No

3. Describe any additional criteria for your program.

Residents of the group homes must meet the CDBG/HUD income eligibility requirements or be presumed to be low or moderate-income due to severe disability or other reason as permitted by HUD regulation. The group homes must be in compliance with the Village's Zoning Code, pass annual inspections and comply with all other local, state and federal requirements.

4. What facilities, services, or programs are operated in Arlington Heights?

See www.vah.com.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

Several nonprofit organizations own group homes in Arlington Heights. These agencies maintain their properties on an on-going basis. CDBG funds are used for the necessary, periodic replacements of components to the homes such as roofs, furnaces, etc. or to make the homes more accessible. Renovation funds may from time-to-time be available to the nonprofit agencies from other sources. The agencies sometimes provide matching funds to Village CDBG grants.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

This program supports residential group homes or shelter care homes for special populations.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	Total Arlington Heights Residents Served	Total Arlington Heights Residents Served by CDBG Funds
October 1, 2025 – September 30, 2026 (est. proposed)	2	2	2
October 1, 2024 – present *(6 months – October through March)*	3	3	3
October 1, 2023 – September 30, 2024	7	7	7

3. Please state anticipated cost per client per service for the 2025-26 program year.

The maximum loan amount under the Single-Family Rehab Program is $25,000 per home.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

Funds would be used to contribute to safe, affordable, healthy, accessible, and stable housing for the group home and shelter care home residents.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

Funds may be used to serve both residents of group homes that have or have not been previously benefitted from improvements paid for by the Village's CDBG program.

6. Would this program exist without CDBG funding?
(Select one)
☐ Yes
☒ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 2
b. Part-time 0
c. Volunteers 0

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Nora Boyer, Housing Planner
Phone Number: 847-368-5214
Email Address: nboyer@vah.com

3. How long has the staff member identified above been with the organization?
30 years

E. Fees and Funding Sources

1. Describe any client fees collected*.
Not applicable

2. Describe how client fees are used (if applicable):
Not applicable

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds	$ 0	$ 0
Private Funds	$ 0	$ 0
Program Income	$ 0	$ 0
Other Funding	$ 0	$ 0

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☒ Yes
☐ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ TBD	$ 110,000	$ 110,000
Organization or agency's current fiscal year	$ 210,407,400	$ 90,000	$ 90,000
Organization or agency's last fiscal year	$ 230,024,000	$ 115,000	$ 115,000

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$
Construction/Rehabilitation	$ 110,000
Other	$
Please specify:	
Total CDBG Request	**$ 110,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☒ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☒ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
https://www.vah.com/government/index.php

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)* **Not Applicable**
- ☒ Proposed organization budget for the next fiscal year, including proposed funding sources **Not yet approved**
- ☒ Current organization budget, including proposed funding sources https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only) See the Federal Single Audit Clearinghouse: Search year 2023 for the Village of Arlington Heights: https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Comprehensive%20Annual%20Financial%20Reports/2023%20Final%20Audit%20-%20VO%20Arlington%20Heights.pdf
- ☒ Most recent A-133 audit, if an A-133 audit has been required. See the Federal Single Audit Clearinghouse - Search year 2023 for the Village of Arlington Heights: https://app.fac.gov/dissemination/search/
- ☒ Proof of non-profit determination **Applicant is a municipal government**.
- ☒ Organizational chart https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf. See page ii.
- ☒ List of Board of Directors https://www.vah.com/government/village_board.php
- ☒ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). **Not applicable.**
- ☒ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) **None**

Construction/Rehabilitation Applications Only:

- ☐ Proposed construction/rehabilitation schedule by month*****.

There may be multiple, simultaneous projects. Efforts are made to complete all projects begun during the program year before the end of that program year.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

Projects have not yet been identified. Therefore, there are no cost estimates.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#15 VAH Single-Family Rehabilitation Loan Program

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **VAH Single-Family Rehab Loan Program**

Project Location: 33 S Arlington Heights Rd., Arlington Heights, IL 60005

CDBG Funding Request: $100,000

Applicant Contact Information

Organization Name Village of Arlington Heights/Housing Commission

Federal Unique Entity Identifier (UEI) Number SA2FJCC7CXS2

Head of the Organization (ex. Executive Director)
Name: Emily Rodman

Title: Director of Planning & Community Development

Email: erodman@vah.com

Signature of person authorized to submit this application: *Emily Rodman*

Signature Date: 4/22/2025

Printed name: Emily Rodman

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Nora Boyer

Title: Housing Planner

Mailing Address: 33 S. Arlington Heights Rd.

City/State/Zip Code: Arlington Heights, IL 60005

Telephone Number: 847-368-5214

Email Address: nboyer@vah.com

Organization website: www.vah.com

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

This program provides 0% interest, deferred home rehab loans to low and moderate-income Arlington Heights homeowners. Priorities for repairs are code deficiencies and accessibility improvements when needed by the homeowners. The loans are secured against the property by a loan agreement recorded against the property at the Office of the Cook County Recorder of Deeds. Loans are repaid when the homeowners cease to be the full-time owner-occupant of the home, which is normally at the time of the sale of the home. Repayments are program income to the Village's CDBG program and are reallocated to CDBG-funded projects.

On April 16, 2025, the Housing Commission made a unanimous recommendation to the Village Board that, at a minimum, the Single-Family Rehab Loan program be funded from the 2025/2026 CDBG program at $100,000.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

The Village has been an entitlement grantee recipient of CDBG funds since 1978 and has administered the Single-Family Rehab Program since 1978. The total amount of funds lent to date is approximately $5 million of which approximately $3 million has been repaid.

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. Describe your organization's service area, listing any municipalities served.
This program is offered Village-wide.

2. Does this program serve residents of the Village of Arlington Heights?

☒ Yes
☐ No

3. Describe any additional criteria for your program.

Homeowners must be current on their property taxes, other financial obligations to the Village (ex. water bills), and mortgage payments (if any).

4. What facilities, services, or programs are operated in Arlington Heights?

See www.vah.com.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

From time to time, home rehab programs are offered by Cook County or non-profit agencies such as the Northwest Housing Partnership. When other programs are available, homeowners are made aware of those programs so that they may choose the program that is best suited for their needs.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

This is exclusively an owner-occupied, single-family rehab loan program. There are not additional services under this program.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	**Total Arlington Heights Residents Served**	**Total Arlington Heights Residents Served by CDBG Funds**
October 1, 2025 – September 30, 2026 (proposed)	2	2	2
October 1, 2024 – present *(6 months – October through March)*	2	2	2
October 1, 2023 – September 30, 2024	3	3	3

3. Please state anticipated cost per client per service for the 2025-26 program year.

The maximum loan amount under the Single-Family Rehab Program is $25,000 per home.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

Funds would be used to assist both clients who have and have not participated in the Single-Family Rehab Program before. The maximum loan per house is $25,000. Therefore, if a homeowner has an existing Single-Family Rehab loan that is below $25,000, the homeowner may be eligible for an additional loan with all loans not to exceed $25,000.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

Funds may be used to serve both residents that have and have not been previously serviced using CDBG funds.

6. Would this program exist without CDBG funding?
(Select one)
☐ Yes
☒ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 2
b. Part-time 0
c. Volunteers 0

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Nora Boyer, Housing Planner

Phone Number: 847-368-5214

Email Address: nboyer@vah.com

3. How long has the staff member identified above been with the organization?
30 years

E. Fees and Funding Sources

1. Describe any client fees collected*.

A $100 administrative fee is collected for each project.

2. Describe how client fees are used (if applicable):

The $100 administrative fee is used to record the loan document with the Office of the Cook County Recorder of Deeds.

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds	$ 0	$ 0
Private Funds	$ 0	$ 0
Program Income	$ 0	$ 0
Other Funding	$ 0	$ 0

4. Does your organization receive more than $750,000 in federal funds per year?

(Select one)

☒ Yes
☐ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ TBD	$ 100,000	$ 100,000
Organization or agency's current fiscal year	$ 210,407,400	$ 62,688	$ 62,688
Organization or agency's last fiscal year	$ 230,024,000	$ 57,439	$ 57,439

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$
Construction/Rehabilitation	$ 100,000
Other	$
Please specify:	
Total CDBG Request	**$ 100,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☒ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☒ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. **Mission Statement for your organization (may be attached):**
   https://www.vah.com/government/index.php

2. **Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.**

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)* **Not Applicable**
- ☒ Proposed organization budget for the next fiscal year, including proposed funding sources **Not yet approved**
- ☒ Current organization budget, including proposed funding sources https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only) See the Federal Single Audit Clearinghouse: Search year 2023 for the Village of Arlington Heights: https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Comprehensive%20Annual%20Financial%20Reports/2023%20Final%20Audit%20-%20VO%20Arlington%20Heights.pdf
- ☒ Most recent A-133 audit, if an A-133 audit has been required. See the Federal Single Audit Clearinghouse - Search year 2023 for the Village of Arlington Heights: https://app.fac.gov/dissemination/search/
- ☒ Proof of non-profit determination **Applicant is a municipal government**.
- ☒ Organizational chart https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf. See page ii.
- ☒ List of Board of Directors https://www.vah.com/government/village_board.php
- ☒ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). **A $100 administrative fee is charged for each completed project.**
- ☒ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) **None**

Construction/Rehabilitation Applications Only:

- ☐ Proposed construction/rehabilitation schedule by month*****.

There may be multiple, simultaneous projects. Efforts are made to complete all projects begun during the program year before the end of that program year.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

Projects have not yet been identified. Therefore, there are no cost estimates.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#16 VAH Infrastructure Program

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **VAH Infrastructure Program**

Project Location: 33 S Arlington Heights Rd., Arlington Heights, IL 60005

CDBG Funding Request: $150,000

Applicant Contact Information

Organization Name Village of Arlington Heights

Federal Unique Entity Identifier (UEI) Number SA2FJCC7CXS2

Head of the Organization (ex. Executive Director)
Name: Emily Rodman

Title: Director of Planning & Community Development

Email: erodman@vah.com

Signature of person authorized to submit this application: *Emily Rodman*

Signature Date: 4/22/2025

Printed name: Emily Rodman

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Nora Boyer

Title: Housing Planner

Mailing Address: 33 S. Arlington Heights Rd.

City/State/Zip Code: Arlington Heights, IL 60005

Telephone Number: 847-368-5214

Email Address: nboyer@vah.com

Organization website: www.vah.com

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

CDBG funds are requested for infrastructure improvements in HUD-designated low/moderate-income Census Block Groups in the Village. These improvements would include street and sidewalk resurfacing and replacement and/or accessibility improvements in eligible areas.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

The following allocations have been made since 2018 for infrastructure/street resurfacing projects:

2018-2019	**$150,000**
2019-2020	**$192,800**
2020-2021	**$150,000**
2021-2022	**$150,000**
2022-2023	**$150,000**
2023-2024	**$125,000**
2024-2025	**$ 70,000**

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. Describe your organization's service area, listing any municipalities served.

The Village operates the CDBG program for the benefit of the residents of the Village of Arlington Heights. Infrastructure improvements would only take place within HUD-designated low/moderate-income areas of the Village. Improvements to remove architectural barriers may be made at the location of any public facility in the Village.

2. Does this program serve residents of the Village of Arlington Heights?

☒ Yes
☐ No

3. Describe any additional criteria for your program.

The Village complies with the federal requirements of the CDBG program at 24 CFR 570.

4. What facilities, services, or programs are operated in Arlington Heights?

See www.vah.com.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

No.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

This program supports residential group homes or shelter care homes for special populations.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	**Total Arlington Heights Residents Served**	**Total Arlington Heights Residents Served by CDBG Funds**
October 1, 2025 – September 30, 2026 (est. proposed)	TBD	TBD	TBD
October 1, 2024 – present *(6 months – October through March)*	2,575	2,575	2,575
October 1, 2023 – September 30, 2024	3,355	3,355	3,3557

3. Please state anticipated cost per client per service for the 2025-26 program year.

CDBG funds would be used for infrastructure improvements for the benefit of residents living in HUD-designated low/moderate income areas or persons with disabilities throughout the Village.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

To be determined when the project area is identified.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

Funds would be used to contribute to safe, affordable, healthy, accessible, and stable housing for the group home and shelter care home residents.

6. Would this program exist without CDBG funding?
(Select one)
☒ Yes
☐ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time **2**
b. Part-time 0
c. Volunteers 0

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: **Nora Boyer, Housing Planner**
Phone Number: **847-368-5214**
Email Address: **nboyer@vah.com**

3. How long has the staff member identified above been with the organization?
30 years

E. Fees and Funding Sources

1. Describe any client fees collected*.
Not applicable

2. Describe how client fees are used (if applicable):
Not applicable

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds	$ TBD	$ 150,000
Private Funds	$ 0	$ 0
Program Income	$ 0	$ 0
Other Funding	$ 0	$ 0

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)
☒ Yes
☐ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ TBD	$ TBD	$ 150,000
Organization or agency's current fiscal year	$ 210,407,400	$ 148,000	$ 70,000
Organization or agency's last fiscal year	$ 230,024,000	$ 198,336	$ 125,000

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$
Construction/Rehabilitation	$ 150,000
Other	$
Please specify:	
Total CDBG Request	**$ 150,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☒ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☒ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
https://www.vah.com/government/index.php

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

- ☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)* **Not Applicable**
- ☒ Proposed organization budget for the next fiscal year, including proposed funding sources **Not yet approved**
- ☒ Current organization budget, including proposed funding sources https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf
- ☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only) See the Federal Single Audit Clearinghouse: Search year 2023 for the Village of Arlington Heights: https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Comprehensive%20Annual%20Financial%20Reports/2023%20Final%20Audit%20-%20VO%20Arlington%20Heights.pdf
- ☒ Most recent A-133 audit, if an A-133 audit has been required. See the Federal Single Audit Clearinghouse - Search year 2023 for the Village of Arlington Heights: https://app.fac.gov/dissemination/search/
- ☒ Proof of non-profit determination **Applicant is a municipal government**.
- ☒ Organizational chart https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf. See page ii.
- ☒ List of Board of Directors https://www.vah.com/government/village_board.php
- ☒ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). **Not applicable.**
- ☒ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) **None**

Construction/Rehabilitation Applications Only:

- ☒ Proposed construction/rehabilitation schedule by month*.

The project area has not yet been determined. The project area will be identified by January 2026. Bids will be solicited by March 2026. Village Board approval of bids is expected in April or May 2026. Construction would begin in June 2026 and be completed by August 2026.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

Projects have not yet been identified. The CDBG funding would not exceed the allocated amount and the projected overall project account, based on past project, would be $150,000 - $200,000 total.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

#17 VAH CDBG Administrative Costs

2025 Application Summary Sheet

Arlington Heights Community Development Block Grant (CDBG) Program

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Name for Proposed Project or Service: **VAH CDBG Administrative Costs**

Project Location: 33 S Arlington Heights Rd., Arlington Heights, IL 60005

CDBG Funding Request: $63,000

Applicant Contact Information

Organization Name: Village of Arlington Heights

Federal Unique Entity Identifier (UEI) Number SA2FJCC7CXS2

Head of the Organization (ex. Executive Director)
Name: Emily Rodman

Title: Director of Planning & Community Development

Email: erodman@vah.com

Signature of person authorized to submit this application: *Emily Rodman*

Signature Date: 4/22/2025

Printed name: Emily Rodman

The information on this application is accurate to the best of my knowledge. Inaccurate, missing, or misleading information may cause this application to be rejected.

Name of person to contact regarding this application: Nora Boyer

Title: Housing Planner

Mailing Address: 33 S. Arlington Heights Rd.

City/State/Zip Code: Arlington Heights, IL 60005

Telephone Number: 847-368-5214

Email Address: nboyer@vah.com

Organization website: www.vah.com

Application

Arlington Heights Community Development Block Grant (CDBG) Program

All items must be addressed to receive any consideration for funding.

A. Program

1. Project Description

Describe the particular program or project for which funds are requested, including the purpose, clientele, duration, and goals. Explain any new or increased levels of service of the program. If the project has several components, please prioritize the key elements of the proposal. This should not be a description of the applicant organization as a whole. Rather, provide a description of the specific program or project for which funding is being sought and how that funding would be used.

CDBG funds are requested for the administrative costs associated with the operation of the Village's CDBG program. This includes salary costs for planning, subrecipient management, and direct administration of programs. The CDBG allocation for administrative costs pays for a portion of the salary for the Village Housing Planner in the Department of Planning & Community Development. The balance of the allocation pays for certain soft costs such as the annual audit, publication of required legal notices, etc.

2. Previous CDBG Funding

Has your organization received CDBG funds before? If so, what municipalities have you worked with (including Arlington Heights)?

The CDBG allocation for administration is limited to a cap set by the Federal CDBG regulations. The cap is 20% of the year's CDBG grant allocation plus the program year's program income.

The CDBG allocations for administration costs for the past 5 years and this year's request are:

2020-2021: $65,000
2021-2022: $66,800
2022-2023: $64,800
2023-2024: $64,800
2024-2025: $64,800
2025-2026: $63,000

3. Will any funds be used for research and development?

☐ Yes
☒ No

If so, please specify how funds will be used.

B. Service Area

1. Describe your organization's service area, listing any municipalities served.
The Village operates the CDBG program for the benefit of the residents living within the corporate limits of the Village, particularly for the benefit of the Village's low/moderate-income residents.

2. Does this program serve residents of the Village of Arlington Heights?

☒ Yes
☐ No

3. Describe any additional criteria for your program.

The Village operates the CDBG program in compliance with Federal law and regulations concerning the CDBG program and also follows Village policies and procedures.

4. What facilities, services, or programs are operated in Arlington Heights?

See www.vah.com.

5. Are there other organizations or agencies in the same service area that provide the same service? If so, what organizations or agencies provide(s) similar services? Explain how service duplication of clients is avoided.

The municipality of the Village of Arlington Heights is the sole CDBG entitlement jurisdiction for Village of Arlington Heights.

C. Program Client Statistics

1. List services provided to clients (meals served, shelter, counseling, day care, etc.):

The Village administers and supervises the CDBG-funded services enumerated in the Village's Consolidated Plan and Annual Action Plans.

2. Complete the following table for low- and moderate-income persons to be assisted under program, project of service for which funding is requested, excluding person whose assistance is limited to indirect services such as information and referrals.

	Total Persons Served	**Total Arlington Heights Residents Served**	**Total Arlington Heights Residents Served by CDBG Funds**
October 1, 2025 – September 30, 2026 (proposed)	Na	Na	Na
October 1, 2024 – present *(6 months – October through March)*	Na	Na	Na
October 1, 2023 – September 30, 2024	Na	Na	Na

3. Please state anticipated cost per client per service for the 2025-26 program year.

Na.

2024 Income Limits

Household Size	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons
Max. Annual Low/Moderate Household Income (80% Area Median Income)	$62,800	$71,800	80,750	$89,700	$96,900	$104,100	$111,250	$118,450

NOTE: Household income is the total annual income of all household members 18 years old or older who contribute to the household.

4. How would CDBG funds be used to address the needs of low/moderate-income Arlington Heights residents (i.e., households with annual incomes at or below the amounts above)?

CDBG funds are used for the benefit of low/moderate-income residents of the Village of Arlington Heights. Adminsitrative costs are those necessary to implement certain programs directly, monitor services provided by subrecipients, and to comply with CDBG laws and regulations.

5. If you receive CDBG funds, will they be used to serve Arlington Heights residents that have not been previously served using CDBG funds?

Funds may be used to serve both residents that have and have not been previously serviced using CDBG funds.

6. Would this program exist without CDBG funding?
(Select one)
☐ Yes
☒ No

D. Staff for Funded Program

1. Total number of staff employed by organization for this program:

a. Full-time 2
b. Part-time 0
c. Volunteers 0

2. Provide the name of the staff member who will be coordinating the CDBG grant with the Village (i.e. completing reports, submitting invoices, monitoring visits, etc.):

Name, Title: Nora Boyer, Housing Planner
Phone Number: 847-368-5214
Email Address: nboyer@vah.com

3. How long has the staff member identified above been with the organization?
30 years

E. Fees and Funding Sources

1. Describe any client fees collected*.

Na

2. Describe how client fees are used (if applicable):

Na

** Any client fees collected must be used for program costs.*

3. List all other funding sources received for this program and portion allocated for Arlington Heights residents:

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Section 108 Loan Guarantee	$ 0	$ 0
ESG Funds	$ 0	$ 0
HOME Funds	$ 0	$ 0
HOPWA Funds	$ 0	$ 0

Other Funds

Source	Total Funds	Amount Utilized for Arlington Heights Residents
Other Federal Funds	$ 0	$ 0
State/Local Funds	$ 74,500*	$ 74,500*
Private Funds	$ 0	$ 0
Program Income	$ 0	$ 0
Other Funding	$ 0	$ 0

*Salary costs for the Housing Planner funded by the Village General Fund.

4. Does your organization receive more than $750,000 in federal funds per year?
(Select one)

☒ Yes
☐ No

F. Budget

1. Please complete the following table:

~~Program~~ Fiscal Year	Organization Total Budget	Overall Program Budget for which CDBG funds are being requested	Arlington Heights CDBG Portion of the Program Budget
Organization or agency's next fiscal year, if available	$ TBD	$137,500	$ 63,000
Organization or agency's current fiscal year	$ 210,407,400	$ 135,100	$ 68,400
Organization or agency's last fiscal year	$ 230,024,000	$132,700	$ 68,400

2. Indicate how CDBG funds are proposed to be used:

Use of CDBG Funds	CDBG Amount
Payroll of employees providing direct client service*	$
Other direct client service costs (ex. Enrollment fee, fee per night of service, etc.)	$
Construction/Rehabilitation	$
Other	$ 63,000
Please specify: Admin salaries and program soft costs	
Total CDBG Request	**$ 63,000**

** Payroll time sheets documenting staff hours and pay rates will be required with invoices.*

G. Performance Measurement Systems

NOT APPLICABLE TO ADMINISTRATIVE COSTS

1. Project Objectives

Please check one of the following to identify your organization's proposed objectives. *(The selection should reflect the purpose of your organization's proposed program.)*

☐ *Creating a Suitable Living Environment*
This objective relates to activities that are intended to address a wide range of issues faced by low//moderate-income persons, from physical problems with their environment, such as poor-quality infrastructure, to social issues such as crime prevention, literacy, or elderly health services. Includes activities that are designed to benefit communities, families, or individuals, by addressing issues in their living environment.

☐ *Providing Decent Housing*
This objective focuses on housing activities whose purpose is to meet individual family or community housing needs. It does not include programs where housing is an element of a larger effort to make community-wide improvements, since such programs would be more appropriately reported under Suitable Living Environments.

☐ *Creating Economic Opportunities*
This objective applies to activities related to economic development, commercial revitalization, or job creation.

2. Project Outcomes

Please check one of the following to identify your organization's proposed outcomes. *(The selection should reflect the result your organization would like to accomplish.)*

☐ *Availability/Accessibility*
This outcome applies to activities that make services, infrastructure, public services, public facilities, housing, or shelter available or accessible to low/moderate-income people, including persons with disabilities. In this category, accessibility does not refer only to physical barriers, but also to making the basics of daily living available and accessible to low/moderate-income people where they live.

☐ *Affordability*
This outcome applies to activities that provide affordability in a variety of ways to low/moderate-income people. It can include the creation or maintenance of affordable housing, basic infrastructure hook-ups, or services such as transportation or day care. Affordability is an appropriate objective whenever an activity is lowering the cost, improving the quality, or increasing the affordability of a product or service to benefit a low-income household. Example #1: A low interest loan program might make loans available to low/moderate-income microenterprise businesses at 1% interest, which is far below the market rate. This program lowers the cost of the loan, enabling entrepreneurs to start businesses. As a result, the program makes financing more affordable. Example #2: A subsidized day care program that provides services to low/moderate-income persons/families at lower cost than unsubsidized day care.

☐ *Sustainability*
This outcome applies to activities that are aimed at improving communities or neighborhoods, helping to make them livable or viable by providing benefit to persons of low/moderate-income or by removing or eliminating slums or blighted areas, through multiple activities or services that sustain communities or neighborhoods.

H. Other Information

1. Mission Statement for your organization (may be attached):
https://www.vah.com/government/index.php

2. Required Attachments. Provide explanations if any of the required attachments are not applicable to the organization or are not available at this time.

☒ Copy of your organization's most recent submitted Illinois Charitable Organization Annual Report Form AG990-IL (*This is a two-page document. Please do not submit the federal form.)* **Not Applicable**

☒ Proposed organization budget for the next fiscal year, including proposed funding sources **Not yet approved**

☒ Current organization budget, including proposed funding sources
https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf

☒ Most recent audit (one hard copy, electronic copy or web address where the audit can be found only) See the Federal Single Audit Clearinghouse: Search year 2023 for the Village of Arlington Heights:
https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Comprehensive%20Annual%20Financial%20Reports/2023%20Final%20Audit%20-%20VO%20Arlington%20Heights.pdf

☒ Most recent A-133 audit, if an A-133 audit has been required.
See the Federal Single Audit Clearinghouse - Search year 2023 for the Village of Arlington Heights:
https://app.fac.gov/dissemination/search/

☒ Proof of non-profit determination **Applicant is a municipal government**.

☒ Organizational chart
https://cms2.revize.com/revize/arlington/Departments/Finance/Budgets%20&%20Financial%20Reports/Annual%20Budget%20&%20Budget/2025%20Budget%20Documents/2025%20Adopted%20Budget.pdf. See page ii.

☒ List of Board of Directors
https://www.vah.com/government/village_board.php

☒ Fee schedules for the program for which grant funds are requested, if applicable (ex. client fee schedule, enrollment fee schedule, scholarship sliding scale chart, etc.). **Na.**

☒ The applicant may provide other attachments at the organization's option (ex. organization or program brochure). Other (please describe) **None**

Construction/Rehabilitation Applications Only:

Not applicable

☐ Proposed construction/rehabilitation schedule by month*****.

Please note that Village staff may contact the applicant to make an appointment for a tour of the proposed construction/rehabilitation project.

☐ Cost and Design Assistance Estimates

All projects must conform to Village of Arlington Heights codes and ordinances. Buildings must conform to zoning and property standards to be considered for funding.

Construction projects may be subject to Federal Labor Standards and Davis-Bacon Act prevailing wages, which should be taken into account when estimating the project costs.

At least one cost estimate from a knowledgeable contractor must be submitted with this application. If there is a problem complying with this requirement, contact Nora Boyer at (847) 368-5214 or nboyer@vah.com. After CDBG funding is awarded, at least three (3) competitive bids will be required and a bid will be selected from these bids. One of these three bids may be the bid submitted with the application.

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: IDOT Supplemental Resolution Approving Rebuild Illinois Expenditures for the 2024 Reconstruction Project

Department: Public Works & Engineering

Item Description:

Attached is the Illinois Department of Transportation (IDOT) Rebuild Illinois Funds Supplemental Resolution ($2,449,451.42) for Maintenance Under the Illinois Highway Code appropriating funds for the 2024 MFT Street Reconstruction Project.

The Rebuild Illinois Funds were grants distributed to local agencies by IDOT as part of Governor Pritzker's REBUILD ILLINOIS capital plan. These funds are distributed based on community population. This resolution procedure is required by IDOT for the Village of Arlington Heights to access these funds.

In conjunction with IDOT requirements for using Rebuild Illinois funding, this 2024 Resolution requires approval by the Village Board. The original Motor Fuel Tax (MFT) Resolution for funding the 2024 MFT Street Reconstruction Project was previously approved at the June 18, 2024, Village Board meeting in the amount of $3,637,373.00. This funding ($2,449,451.42) will be used in conjunction with an Amended MFT Resolution ($1,187,921.58) to replace the total amount that was approved on the original MFT Resolution. This method of reallocating the funds will ensure that 100% of the available Rebuild Illinois funding is allocated by the July 1st deadline, while at the same time, refreshing originally allocated MFT funding back into the Village's account balance.

Funding for this project is identified in the IDOT-managed Rebuild Illinois account and will come from the MFT Account No. 211-7101-550400 Project #ST9009.

As required, the IDOT section number for this project is 24-00222-00-PV and requires one (1) signed and sealed copy.

RECOMMENDATION

It is recommended that the Village Board adopt the Construction Resolution for Improvement by Municipality Under the Illinois Highway Code and appropriate a total of $2,449,451.42 and execute the necessary documents.

ATTACHMENTS:

1. IDOT Resolution RBI

Illinois Department of Transportation

Rebuild Illinois Funds

Resolution for Improvement Under the Illinois Highway Code

Is this project a bondable capital improvement?

☐ Yes ☒ No

Resolution Type	Resolution Number	Section Number
Supplemental		24-00222-00-PV

BE IT RESOLVED, by the President and Board of Trustees (Governing Body Type) of the Village (Local Public Agency Type)

of Arlington Heights (Name of Local Public Agency) Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract (Contract or Day Labor).

For Roadway/Street Improvements:

Name of Street(s)/Road(s)	Length (miles)	Route	From	To
Alexandria St	0.16		Verde Dr	Shennandoah Dr
Shennandoah Drive	0.32		Kennicott Dr	Alexandria St
Drury Lane	0.17		Crabtree Dr	Waverly Ln
Fernandez Avenue	0.43		Victoria Lane	White Oak St
Fernandez Court	0.06		Fernandez Ave	Cul-De-Sac
Noyes Street	0.07		Fernandez Ave	Kaspar Ave
Victoria Lane	0.18		Kaspar Ave	210' W Highland Ave

For Structures:

Name of Street(s)/Road(s)	Existing Structure No.	Route	Location	Feature Crossed

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of

The scope of work for this project consists of the reconstruction of existing local roads with full-depth asphalt and will include removals, earthwork, subbase granular base course, HMA binder and surface courses, intermittent sidewalk (including making all ramps ADA accessible), driveway pavements, intermittent drainage structure reconstruction or adjustments, sod restoration and all incidental and collateral work necessary to complete the street reconstruction project. This work will take place on 7different roadway segments totaling 1.40 miles (7,412 LF) located in the Village of Arlington Heights.

2. That there is hereby appropriated the sum of Two million, four hundred forty-nine thousand, four hundred fifty-one dollars and forty-two cents Dollars ($2,449,451.42) for the improvement of said section from the Local Public Agency's allotment of ~~Motor Fuel Tax funds~~. Rebuild Illinois Funds

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, _____ (Name of Clerk) Village (Local Public Agency Type) Clerk in and for said Village (Local Public Agency Type)

of Arlington Heights (Name of Local Public Agency) in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by

President and Board of Trustees (Governing Body Type) of Arlington Heights (Name of Local Public Agency) at a meeting held on June 02, 2025 (Date).

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ (Day) day of _____ (Month, Year).

Illinois Department of Transportation

Resolution for Improvement Under the Illinois Highway Code

(SEAL, if required by the LPA)

Clerk Signature & Date

Approved

Regional Engineer Signature & Date
Department of Transportation

NOTE: Form instructions should not be included when the form is submitted.

This form shall be used when a Local Public Agency (LPA) wants to construct an improvement using Motor Fuel Tax(MFT) funds. Refer to Chapter 9 of the Bureau of Local Roads and Streets Manual (BLRS Manual) for more detailed information. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

When filling out this form electronically, once a field is initially completed, fields requiring the same information will be auto-populated.

Is this project a bondable capital improvement?	Check Yes if the project was a bondable capital improvement, check no if it is not. An example of a bondable capital project may include, but is not limited to: project development, design, land acquisition, demolition when done in preparation for additional bondable construction, construction engineering, reconstruction of a roadway, designed overlay extension or new construction of roads, bridges, ramps, overpasses and underpasses, bridge replacement and/or major bridge rehabilitation. Permanent ADA sidewalk/ramp improvements and seeding/sodding are eligible expenditures if part of a larger capital bondable project. A bondable capital improvement project does not mean the LPA was required to sell bonds to fund the project, however the project did meet the criteria to be bondable.
Resolution Number	Enter the resolution number as assigned by the LPA, if applicable.
Resolution Type	From the drop down box choose the type of resolution: - Original would be used when passing a resolution for the first time for this project. - Supplemental would be used when passing a resolution increasing appropriation above previously passed resolutions. - Amended would be used when a previously passed resolution is being amended.
Section Number	Insert the section number of the improvement the resolution covers.
Governing Body Type	From the drop down box choose the type of administrative body. Choose Board for County; Council for a City or Town; President and Board of Trustees for a Village or Town.
LPA Type	From the drop down box choose the LPA body type. Types to choose from are: County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Contract or Day Labor	From the drop down choose either Contract or Day Labor.
Roadway/Street Improvements:	
Name Street/Road	Insert the name of the Street/Road to be improved. For additional locations use the Add button.
Length	Insert the length of this segment of roadway being improved in miles.
Route	Insert the Route Number of the road/street to be improved if applicable.
From	Insert the beginning point of the improvement as it relates to the Street/Road listed to the left.
To	Insert the ending point of the improvement as it relates to the Street/Road listed to the left.
Structures:	
Name Street/Road	Insert the name of the Street/Road on which the structure is located. For additional locations use the Add button.
Existing Structure No.	Insert the existing structure number this resolution covers, if no current structure insert n/a.
Route	Insert the Route number on which the structure is located.
Location	Insert the location of the structure.
Feature Crossed	Insert the feature the structure crosses.
1	Insert a description of the major items of work of the proposed improvement.
2	Insert the dollar value of the resolution for the proposed improvement to be paid for with MFT funds in words followed by in the same amount in numerical format in the ().

Name of Clerk	Insert the name of the LPA clerk.
LPA Type	Insert the type of clerk based on the LPA type. Types to choose from are: County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Governing Body Type	Insert the type of administrative body. choose Board for County; Council for a City or Town; President and Board of Trustees for a Village or Town
Name of LPA	Insert the name of the LPA.
Date	Insert the date of the meeting.
Day	Insert the day Clerk is signing the document.
Month, Year	Insert the month and year of the Clerk's signature.
Seal	The Clerk shall seal the document here, if required. If a seal is required, electronic signatures should not be used.
Clerk Signature	Clerk shall sign here.
Approved	The Department of Transportation shall sign and date here once approved.

A minimum of three (3) certified signed originals must be submitted to the Regional Engineer's District office OR email PDF completed form with electronic signatures to your local District LRS office.
Following IDOT's approval, distribution will be as follows:

Local Public Agency Clerk
Engineer (Municipal, Consultant or County)
District

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: IDOT Amended Resolution Approving Motor Fuel Tax Expenditures for the 2024 Reconstruction Project

Department: Public Works & Engineering

Item Description:

Attached is the Amended Illinois Department of Transportation (IDOT) Motor Fuel Tax (MFT) Resolution ($1,187,921.58) for Maintenance Under the Illinois Highway Code appropriating funds for the 2024 MFT Street Reconstruction Project.

MFT is a per-gallon tax collected by the State specifically for the maintenance of local roadways. These funds are distributed to local agencies annually by IDOT based on community population. This resolution procedure is required by IDOT for the Village of Arlington Heights to access these funds.

In conjunction with IDOT requirements for using Rebuild Illinois funding, this 2024 Resolution requires approval by the Village Board. The original Resolution for funding the 2024 MFT Street Reconstruction Project was previously approved at the June 18, 2024, Village Board meeting in the amount of $3,637,373.00. The newly identified funding ($1,187,921.58) will be used in conjunction with the Rebuild Illinois funding ($2,449,451.42) to replace the total amount that was approved on the original MFT Resolution. This method of reallocating the funds will ensure that 100% of the available Rebuild Illinois funding is allocated by the July 1st deadline, while at the same time, refreshing originally allocated MFT funding back into the Village's account balance.

Funding for this project was identified in the approved 2024 Budget Year and will come from the MFT Account No. 211-7101-550400 Project #ST9009.

As required, the IDOT section number for this project is 24-00222-00-PV and requires one (1) signed and sealed copy.

RECOMMENDATION

It is recommended that the Village Board adopt the Construction Resolution for Improvement by Municipality Under the Illinois Highway Code and appropriate a total of $1,187,921.58 and execute the necessary submittals.

ATTACHMENTS:

1. IDOT Resolution MFT

Illinois Department of Transportation

Resolution for Improvement Under the Illinois Highway Code

Is this project a bondable capital improvement?

☐ Yes ☒ No

Resolution Type	Resolution Number	Section Number
Amended		24-00222-00-PV

BE IT RESOLVED, by the President and Board of Trustees (Governing Body Type) of the Village (Local Public Agency Type) of Arlington Heights (Name of Local Public Agency) Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract (Contract or Day Labor).

For Roadway/Street Improvements:

Name of Street(s)/Road(s)	Length (miles)	Route	From	To
Alexandria St	0.16		Verde Dr	Shennandoah Dr
Shennandoah Drive	0.32		Kennicott Dr	Alexandria St
Drury Lane	0.17		Crabtree Dr	Waverly Ln
Fernandez Avenue	0.43		Victoria Lane	White Oak St
Fernandez Court	0.06		Fernandez Ave	Cul-De-Sac
Noyes Street	0.07		Fernandez Ave	Kaspar Ave
Victoria Lane	0.18		Kaspar Ave	210' W Highland Ave

For Structures:

Name of Street(s)/Road(s)	Existing Structure No.	Route	Location	Feature Crossed

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of

The scope of work for this project consists of the reconstruction of existing local roads with full-depth asphalt and will include removals, earthwork, subbase granular base course, HMA binder and surface courses, intermittent sidewalk (including making all ramps ADA accessible), driveway pavements, intermittent drainage structure reconstruction or adjustments, sod restoration and all incidental and collateral work necessary to complete the street reconstruction project. This work will take place on 7different roadway segments totaling 1.40 miles (7,412 LF) located in the Village of Arlington Heights.

2. That there is hereby appropriated the sum of One million, one hundred eighty-seven thousand, nine hundred twenty-one dollars and fifty-eight cents Dollars ($1,187,921.58) for the improvement of said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, _____ (Name of Clerk) Village (Local Public Agency Type) Clerk in and for said Village (Local Public Agency Type) of Arlington Heights (Name of Local Public Agency) in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by President and Board of Trustees (Governing Body Type) of Arlington Heights (Name of Local Public Agency) at a meeting held on June 02, 2025 (Date).

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ (Day) day of _____ (Month, Year).

Illinois Department of Transportation

Resolution for Improvement Under the Illinois Highway Code

(SEAL, if required by the LPA)

Clerk Signature & Date

Approved

Regional Engineer Signature & Date
Department of Transportation

NOTE: Form instructions should not be included when the form is submitted.

This form shall be used when a Local Public Agency (LPA) wants to construct an improvement using Motor Fuel Tax(MFT) funds. Refer to Chapter 9 of the Bureau of Local Roads and Streets Manual (BLRS Manual) for more detailed information. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

When filling out this form electronically, once a field is initially completed, fields requiring the same information will be auto-populated.

Is this project a bondable capital improvement?	Check Yes if the project was a bondable capital improvement, check no if it is not. An example of a bondable capital project may include, but is not limited to: project development, design, land acquisition, demolition when done in preparation for additional bondable construction, construction engineering, reconstruction of a roadway, designed overlay extension or new construction of roads, bridges, ramps, overpasses and underpasses, bridge replacement and/or major bridge rehabilitation. Permanent ADA sidewalk/ramp improvements and seeding/sodding are eligible expenditures if part of a larger capital bondable project. A bondable capital improvement project does not mean the LPA was required to sell bonds to fund the project, however the project did meet the criteria to be bondable.
Resolution Number	Enter the resolution number as assigned by the LPA, if applicable.
Resolution Type	From the drop down box choose the type of resolution: - Original would be used when passing a resolution for the first time for this project. - Supplemental would be used when passing a resolution increasing appropriation above previously passed resolutions. - Amended would be used when a previously passed resolution is being amended.
Section Number	Insert the section number of the improvement the resolution covers.
Governing Body Type	From the drop down box choose the type of administrative body. Choose Board for County; Council for a City or Town; President and Board of Trustees for a Village or Town.
LPA Type	From the drop down box choose the LPA body type. Types to choose from are: County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Contract or Day Labor	From the drop down choose either Contract or Day Labor.
Roadway/Street Improvements:	
Name Street/Road	Insert the name of the Street/Road to be improved. For additional locations use the Add button.
Length	Insert the length of this segment of roadway being improved in miles.
Route	Insert the Route Number of the road/street to be improved if applicable.
From	Insert the beginning point of the improvement as it relates to the Street/Road listed to the left.
To	Insert the ending point of the improvement as it relates to the Street/Road listed to the left.
Structures:	
Name Street/Road	Insert the name of the Street/Road on which the structure is located. For additional locations use the Add button.
Existing Structure No.	Insert the existing structure number this resolution covers, if no current structure insert n/a.
Route	Insert the Route number on which the structure is located.
Location	Insert the location of the structure.
Feature Crossed	Insert the feature the structure crosses.
1	Insert a description of the major items of work of the proposed improvement.
2	Insert the dollar value of the resolution for the proposed improvement to be paid for with MFT funds in words followed by in the same amount in numerical format in the ().

Name of Clerk	Insert the name of the LPA clerk.
LPA Type	Insert the type of clerk based on the LPA type. Types to choose from are: County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Governing Body Type	Insert the type of administrative body. choose Board for County; Council for a City or Town; President and Board of Trustees for a Village or Town
Name of LPA	Insert the name of the LPA.
Date	Insert the date of the meeting.
Day	Insert the day Clerk is signing the document.
Month, Year	Insert the month and year of the Clerk's signature.
Seal	The Clerk shall seal the document here, if required. If a seal is required, electronic signatures should not be used.
Clerk Signature	Clerk shall sign here.
Approved	The Department of Transportation shall sign and date here once approved.

A minimum of three (3) certified signed originals must be submitted to the Regional Engineer's District office OR email PDF completed form with electronic signatures to your local District LRS office.
Following IDOT's approval, distribution will be as follows:

Local Public Agency Clerk
Engineer (Municipal, Consultant or County)
District

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Resolution Further Extending the Term of Sign Variations for an Electronic Billboard Sign (2200 W. Euclid Avenue)
Department: Planning & Community Development

Item Description:
In 2017, the Village Board approved sign variations allowing the construction of an electronic billboard sign on the Arlington Racetrack property, adjacent to Route 53, as an additional revenue stream for the racetrack. The billboard was permitted contingent upon certain conditions, one of which required the sign to be removed following the cessation of horse racing operations at the property. On March 22, 2022, the Village Board adopted an ordinance extending the sign variations through June 30, 2023 and allowing the Village Board to approve further extensions via resolution. A second amendment was approved on June 5, 2023 further extending the term to June 30, 2024. A third amendment was approved on June 18, 2024 once again extending the term to June 30, 2025.

The current owners of the property, the Chicago Bears Football Club, wish to continue to use the billboard as they plan for the property's long-term redevelopment. During this interim period, Staff is willing to support this request as discussions on the redevelopment of the property continue. Staff recommends approval of a resolution granting a fourth amendment, extending the term of sign variations for an electronic billboard sign through June 30, 2026.

Recommendation:
Approval of a Resolution Further Extending the Term of Sign Variations for an Electronic Billboard sign (2200 W. Euclid Avenue).

ATTACHMENTS:
1. CBFC Sign Variation Extension Request
2. Resolution Sign Variation Extension
3. Village Board Meeting Minutes 03.06.2017

CBFC
DEVELOPMENT LLC

May 13, 2025

Randall Recklaus
Village Manager
Village Of Arlington Heights
33 S. Arlington Height Road
Arlington Heights, IL 60005-1499

RE: Village of Arlington Heights Ordinance 2022-16 adopted March 8, 2022 ("**Ordinance**"), regarding electronic billboard located at 2200 W. Euclid Avenue (Arlington Park) (the "**Property**")

Dear Mr. Recklaus:

As you know, CBFC Development, LLC ("**CBFC**") is the owner of the captioned Property commonly known as Arlington Park as successor to Arlington Park Racecourse, LLC. CBFC also owns and operates the electronic billboard located on the Property as authorized by the captioned Ordinance.

I am writing to request that the Village of Arlington Heights Board of Trustees approve an extension of the term of the Variations that allow the operation of the billboard on the Property for a period of one (1) year following June 30, 2025, in order to support CBFC's ongoing operation of the Property as it plans for the Property's long-term redevelopment..

Thank you for your consideration. Please let me know if you need any additional information related to this request.

Best Regards,

Kevin Warren
Manager

cc: Krista Whitaker, Esq.
Paul Shadle, Esq.
Hart Passman, Esq.

Prepared by and return to:
Village of Arlington Heights
33 S. Arlington Heights Road
Arlington Heights, Illinois 60005
Attention: Village Clerk

VILLAGE OF ARLINGTON HEIGHTS

RESOLUTION NO. _____

A RESOLUTION FURTHER EXTENDING THE TERM OF SIGN VARIATIONS FOR AN ELECRONIC BILLBOARD SIGN
(2200 W. EUCLID AVENUE)

PASSED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF ARLINGTON HEIGHTS
THIS____DAY OF_____, 2025.

_____
Village Clerk

VILLAGE OF ARLINGTON HEIGHTS

RESOLUTION NO. _____

A RESOLUTION FURTHER EXTENDING THE TERM OF SIGN VARIATIONS FOR AN ELECRONIC BILLBOARD SIGN
(2200 W. Euclid Avenue)

WHEREAS, CBFC Development, LLC (*"Owner"*) is the record title owner of that certain real property commonly known as 2200 W. Euclid Avenue ("*Property*"); and

WHEREAS, the Property was formerly used as the Arlington International Racecourse horse racing facility; and

WHEREAS, on March 6, 2017, the Village Board of Trustees approved variations from Chapter 30 of the Municipal Code of Arlington Heights, Illinois, 1995, as amended (collectively, the *"Variations"*), in order to allow the construction and operation of a 95-foot-tall structure which supports a 1,200 square foot electronic billboard sign ("*Sign*"), subject to certain conditions, one of which required that the Sign must be removed following the cessation of horse racing operations at the Property; and

WHEREAS, on March 8, 2022, the Board of Trustees adopted Ordinance No. 2022-016, approving an extension of the term of the Sign Variations through June 30, 2023, and authorizing further extension of the term of the Sign Variations by the Board of Trustees, by resolution duly adopted; and

WHEREAS, on June 5, 2023, the Board of Trustees adopted Resolution No. R2023-19, approving a further extension of the term of the Sign Variations through June 30, 2024; and

WHEREAS, on June 18, 2024, the Board of Trustees adopted Resolution No. R2024-23, approving an extension of the term of the Sign Variations through June 30, 2025; and

WHEREAS, the Owner has requested that the Village further extend the term of the Variations through June 30, 2026 ("*Proposed Extension*"); and

WHEREAS, the President and Board of Trustees desire to approve the Proposed Extension; and

WHEREAS, the Village President and Board of Trustees have determined that approving the Proposed Extension will serve and be in the best interest of the Village;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. APPROVAL OF PROPOSED EXTENSION. In accordance with and pursuant to Section 2 of Ordinance No. 2022-016 and the home rule powers of the Village, the Village President and Board of Trustees hereby approve the Proposed Extension and extend the term of the Variations to allow the operation of the Sign at the Property, through June 30, 2026.

SECTION 3. RECORDATION; BINDING EFFECT. A copy of this Resolution will be recorded with the Cook County Clerk's Recording Division. This Resolution and the privileges, obligations, and provisions contained herein inure solely to the benefit of, and are binding upon the Owner and each of its heirs, representatives, successors, and assigns.

SECTION 4. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

AYES:

NAYS:

PASSED AND APPROVED THIS____day of_____, 2025

_____
Village President

ATTEST:

_____
Village Clerk

MINUTES
President and Board of Trustees
Village of Arlington Heights
Board Room
Arlington Heights Village Hall
33 S. Arlington Heights Road
Arlington Heights, IL 60005
March 6, 2017
8:00 PM

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

A. Presentation of the Colors by Cub Scout Pack #129 from Dryden, Juliette Low, and John Jay Schools chartered by Southminster Presbyterian Church

III. ROLL CALL OF MEMBERS

President Hayes and the following Trustees responded to roll: Glasgow, LaBedz, Tinaglia, Rosenberg, Scaletta, Sidor, Blackwood and Farwell.

Also present were: Randy Recklaus, Diana Mikula, Mark Burkland, Robin Ward, Charles Perkins, Scott Shirley, Gerald Mourning, Nick Pecora and Becky Hume.

IV. APPROVAL OF MINUTES

A. Village Board 2/20/17 Approved

Trustee Carol Blackwood moved to approve. Trustee Jim Tinaglia Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

Abstain: Glasgow

V. APPROVAL OF ACCOUNTS PAYABLE

A. Warrant Register of 2/28/17 Approved

Trustee Joe Farwell moved to approve the Warrant Register dated 2/28/16 in the amount of $755,607.54. Trustee Thomas Glasgow Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

VI. RECOGNITIONS AND PRESENTATIONS

VII. PUBLIC HEARINGS

VIII. CITIZENS TO BE HEARD

IX. OLD BUSINESS

X. CONSENT AGENDA

CONSENT OLD BUSINESS

CONSENT APPROVAL OF BIDS

A. Authorization for Village Manager to enter into Electricity Supply Contracts Approved

Trustee Joe Farwell moved to approve. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

B. Computer Replacement Program Approved

Trustee Joe Farwell moved to approve. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

C. Police Pursuit Vehicles Purchase — Approved

Trustee Joe Farwell moved to approve. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

D. Public Works Pickup Trucks Purchase — Approved

Trustee Joe Farwell moved to approve. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

CONSENT LEGAL

A. An Ordinance Prohibiting the Use of Groundwater as a Potable Water Supply by the Installation of Potable Water Supply Wells or by Any Other Method
(5-39 E. Golf Terrace) — Approved

Trustee Joe Farwell moved to approve 17-010. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

B. An Ordinance Approving a Preliminary Plat of Resubdivision and Granting a Variation from Chapter 29 of the Arlington Heights Municipal Code
(Southpoint Shopping Center, 630-720 E. Rand Road) — Approved

Trustee Joe Farwell moved to approve R17-006. Trustee Robin LaBedz Seconded the Motion.

The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

C. A Resolution Approving a Final Plat of Resubdivision (Southpoint Resubdivision, 630-720 E. Rand Road) — Approved

Trustee Joe Farwell moved to approve 17-011. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

D. An Ordinance Amending Chapter 21 of the Arlington Heights Municipal Code (Sections in Article IV, Cross Connection Control) — Approved

Trustee Joe Farwell moved to approve 17-012. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

CONSENT REPORT OF THE VILLAGE MANAGER

XI. APPROVAL OF BIDS

XII. NEW BUSINESS

A. Arlington International Racecourse - 2200 W. Euclid Ave. - Sign Variation - DC#16-144 — Approved

Mr. Perkins said Arlington International Racecourse is petitioning to build a 60' x 20' electronic changeable (LED) billboard on its property facing Route 53. They are proposing to use the sign to advertise events at the racecourse as well as to sell advertising space on the sign to off-premises businesses. The messages will change every ten seconds and two of every six messages will be for the Racecourse during racing season.

The Design Commission did not vote in favor citing the following concerns; sign might set a precedent, it will be less effective at promoting race track because it also promotes other businesses, the promotion of businesses not in the village might have a negative impact on village businesses, the ads might be used to compete against local businesses.

There are eight existing billboard signs located in Rolling Meadows that face Route 53 adjacent to the proposed sign. Staff recommends the sign with ten restrictions. The petitioner agrees with all the restrictions proposed except adding the Arlington Racecourse name at the top of the sign. The petitioner does not want to lose sign space.

Tony Petrillo, General Manager of the Racetrack, said the Racetrack needs to attract more visitors and events to it's site. Over 600,000 people visit the track each year. The Racetrack is competing for events with venues which have billboard signage and need the sign to be competitive with these other sites. They are the largest employer in the village and bring significant tax dollars to the village. Guests of the track also patronize other village businesses.

President Hayes asked if they would be okay with their name on the catwalk of the sign. Mr. Petrillo said yes. He was against adding signage to the top as it would restrict space for advertisers. President Hayes asked if there would be spill over of light into any residential area. Mr. Petrillo said no. The sign complies with IDOT's requirements. President Hayes said he couldn't think of a better exception than this one as it is a major employer and attraction.

Trustee Farwell said he concurred with the Mayor. There is a symbiotic relationship between the village, the racecourse and other local businesses. The gaming act of 1990 changed things by giving riverboats gambling licenses so the horse racing industry now has a competitor with whom they cannot complete. Mr. Petrillo said they are much more regulated and limited in the number of race days they can operate and have experienced a 40% drop in wagering revenues. The Racecourse needs to remodel and become more of an entertainment destination now. Trustee Farwell said the sign is a vehicle to promote business. The track is a very unique business which brings many patrons to the village. He said all of the sign variation criteria were met.

Trustee Blackwood asked what would run if there is not a paid spot. Mr. Petrillo said Arlington Park would occupy the space. Other racetracks would not be promoted.

Trustee LaBedz asked if they were also building one in Rolling Meadows. Mr. Petrillo said no.

Trustee Tinaglia asked how much land the racetrack had and how many

people worked there. Mr. Petrillo said they have 320 acres and 1,100 employees. There are another 3,500 people who work for private businesses at the track. They generate approximately $120,000 in sales taxes. Trustee Tinaglia said it was a benefit that the racetrack will own the structure and control the sign. He said he hoped the permits would be expedited so that construction begins before the horses are on site.

Trustee Glasgow said every piece of property is unique, this business and sign are unlike any other. There is a unique nature to property because of how it sits. There are 4-5 expos at the track currently and 8 more coming in the spring. These events drive people to the village. The character of neighborhood will not be impacted.

Trustee Scaletta said this sign will not set a precedent. Businesses can purchase ads on the 8 other billboards across Route 53, so it doesn't make sense to restrict the racecourse to selling only local ads. The track is the largest destination in the village, anytime the racetrack is open, it brings people into the village. He said he was glad they were controlling the content.

Trustee Rosenberg said he agreed that the hardship has been met and said the track is an asset to the community. He recommended changing recommendation #1 to include that Arlington International be on the apron of the sign. Mr. Petrillo said that would be okay.

Trustee Scaletta questioned the language allowing the village to promote local events. He said the Village needed to be careful for crowd control reasons. Mr. Perkins said he agreed and that anything the v
illage did would be more generic branding.

The following conditions were agreed to:

1. The design of the sign shall be revised to include permanent "Arlington International" signage on the catwalk of the sign.
2. The display on the sign shall be static only. Oscillating, rotating, flashing, intermittent, moving lights and video are not allowed.
3. Each message shall be displayed for 10 seconds minimum.
4. The display shall be high resolution and full color.
5. Auto-dimming photo cell technology is required to adjust the display brightness based on ambient lighting conditions.
6. Brightness shall be limited to .3 footcandles maximum above ambient lighting conditions at 150 feet from the sign face.
7. Written certification from manufacturer is required to verify auto-dimming function, preset not-to-exceed .3 footcandles above ambient lighting conditions.
8. Sound is not allowed.
9. the sign shall be removed in its entirety if Arlington Racecourse ceases operations.
10. The Village of Arlington Heights shall be allowed to advertise the

community on the sign at no cost.

The Village Manager will draft a letter to have an accurate record of the variation and conditions. Village promotions would be within the racetrack's rotation.

Trustee Sidor said he didn't like condition #10 as the Board wouldn't get perks from any other business. The track is a good neighbor and he didn't think this needed to be a condition, but a gentleman's agreement.

Trustee Scaletta said #10 was offered to the village, it's okay to have the offer in writing. Had they not offered, that would not be okay. Since it was offered, there is nothing wrong with having it be part of the motion.

Trustee Sidor said he didn't think it should be a condition. If they are booked solid, and the village asks for some space, how would that work? Mr. Petrillo said they would give up some space in their slate, the spot would not be in every rotation, but perhaps every 6th minute.

Mr. Petrillo asked if they can proceed at their own risk and said he understood the consequences. Trustee Tinaglia said there is an enormous amount of work associated with permitting these signs. The documents will come, just maybe not the day the shell is on the ground. Trustee Rosenberg asked if the village will be there to observe. Mr. Recklaus said they can begin their process while the village's review is continuing. If it does not meet village standards, they would have to take it down and start over. The village's standards will not be lowered and inspections will occur at certain milestones in the project. Trustee Rosenberg said it would be helpful for building department to be present/available.

Trustee Bert Rosenberg moved to approve the sign with the ten conditions listed above. Trustee Jim Tinaglia Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

Trustee John Scaletta moved to allow Arlington International Racecourse to proceed at its own risk in construction of an electronic changeable billboard. Trustee Bert Rosenberg Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

B. Arlington Heights Police Station - 200 E. Sigwalt St. - PC#16-024 — Approved

Amendment to PUD Ordinances 05-041 and 78-026

Mr. Perkins said the village is petitioning the village to amend the PUD Ordinances of 05-041 and 78-026 in order to construct a new police station. The Variations requested are:

1. A Variation to reduce the number of required parking space from 620 to 434 on the Municipal Campus.
2. A Variation to reduce the drive aisle in the rear parking lot from 24' to 22' for police vehicle parking.
3. A Variation to waive the requirement for one landscaped island within a row of more than 20 parking spaces in the rear of the police parking lot.

The current police building was constructed in 1978 for a staff of 92 employees. Today, the Police Department has 139 employees. The building no longer meets the needs of the department in terms of square footage and usability. The proposed design is a two-story, 70,500 square foot facility that includes a basement and a 10,000 square foot garage.

Deputy Chief Pecora enumerated the deficiencies in the building including: lack of storage space for officer's equipment, lack of storage space for evidence and records, lack of work space for the officers, lack of heating/air in spaces used for offices that were originally designed for storage, lack of access to technology, failing windows and doors, and safety compromises in the sally port.

Mr. Perkins outlined the project goals and said the 4th floor of Village Hall and the former Fire Academy are being used for storage which allowed for a reduction of square footage in the new building.

The variations will not alter the essential character of the locality. Included in the plan is added underground storm water detention. A wider drive will be accomplished with the reduction in drive aisle width (going from 3 to 2 lanes) and will add sufficient sidewalk space allowing pedestrians easier access to the building. There are over a hundred of parking spaces available during peak times as not all employees are on site at one time.

Mark Rohde, Steve Blye, Kevin Matray and Chris Siefert gave overviews of the building's architecture, engineering, landscape and construction.

Trustee Glasgow said the current building is not up to Code, and the safety of officers is at risk. Computer access is not adequate. Mr. Perkins said 6-8 residents came to community meeting, most of questions were regarding traffic in the neighborhood during construction and storm water detention.

Trustee Tinaglia asked how storm water will be different. Mr. Matray said now water is not controlled, the disturbed area will have a vault to detain water which holds it back to be released at a rate in accordance with Village Ordinance. Trustee Tinaglia said the scale will fit nicely in

community and there is nothing wasteful about the building.

Trustee LaBedz asked about the flat roof areas. Mr. Perkins said there is potential for access and expansion if there is room in the budget. Both roofs are "flat" but will have roof deck/drain system. Trustee LaBedz asked if there will be lane closures or detours. Mr. Siefert said it is possible; they will work with staff to minimize these and notify the residents if they need to occur. Mr. Perkins said lighting will be sensitive and internally illuminated, the building will not provide glare or spillover onto residences.

Trustee Farwell said Mr. Perkins gave the best presentation he had ever seen. He thanked the team for their hard work, Mr. Kuehne for his creative thinking and the Police Officers for their patience

Trustee Sidor asked if they were pursuing LEEDS Certification and environmentally friendly choices. Mr. Rohde said the mechanical systems will exceed today's standards. They are sourcing local bricks and stones, studying using impervious pavers, but will stick to budget. The construction techniques will also limit waste. They have not been charged with seeking LEED Certification. Mr. Recklaus said the team spent a lot of time looking at ways to do things in a green manner. But, it is a balancing act. Public Works is pursuing grants for fixtures. They are exploring using recycled ash lumber. However, any decision must meet the cost effective charge as well.

Trustee Rosenberg asked where the permeable pavers would be used. Mr. Matray said the front sidewalk will match the Municipal Campus sidewalk. The permeable pavers would be in the rear parking lot. The underground detention can accommodate a 100 year storm event. If a storm exceeded that, the overflow would go overland to east side of building. The Community Meeting Room can be used for Village Hall overflow and training. Trustee Rosenberg asked if the sally port will be gated. Mr. Perkins said the infrastructure will be in place, but it is not expected to be gated at this point. The sally port doors will be closed unless someone is exiting or entering. The only public entrance will be the front one. All other entrances will be secured.

Trustee Blackwood asked how the barrier walls function. Mr. Recklaus said he would supply her with that information. A secure bail entrance/exit is on east side.

Trustee Scaletta said residents in the Citizen's Police Academy felt sad for the police officers who were working in these conditions. Only necessary repairs have been made to the building for a number of years. He charged the construction team to be best neighbors they can be. The village will continue to look for grant funding.

Trustee Tinaglia asked that the roof reinforcement and paver costs be included to the Board. Mr. Recklaus said those items will be bid out as

alternates, so the numbers will be known.

Trustee Jim Tinaglia moved to approve. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

XIII. LEGAL

A.	An Ordinance Amending Special Use Permit Ordinance Number 90-082 and Granting Variations from Chapter 28 of the Arlington Heights Municipal Code (Windsor School, 1315 E. Miner Street)	Approved

Trustee Glasgow recused himself to avoid the appearance of impropriety as his wife is on the School Board. He left the room at this time.

Mr. Recklaus said at the last meeting the Board moved to approve an Amendment to the Special Use Ordinance for Windsor School. One of the conditions was a stipulation that the School District shall continue to work with the village and the neighbors on the drop-off/pick-up. Staff was directed by the Board to ensure the drop-off/pick-up meets the village's standards. If plans are developed and condition not met, the project will not go forward. Two community meetings were held last week. A new drop-off lane will take of much pressure off the area. The School District was very responsive to the needs of the parents, even bringing mock ups of ideas from first meeting to the second meeting. The village will continue to communicate the process to Board, meeting attendees and the broader Windsor community. The village will host another meeting to discuss the refinements of the process.

Trustee Blackwood said she voted against project initially based on perception a lack of coordination with the stakeholders. After being in attendance at the meeting last week, she said she was very hopeful that this project will continue to be a work of collaboration.

Trustee Farwell asked what redress the Board would have if there is a lack of agreement with the parking situation. Ms. Ward said if any conditions are not met on the Ordinance, the Board can take back its approval. The approval of the Ordinance is subject to 5 conditions being met. Trustee Farwell said there was a change in spirit and more collaboration occurred. He would like that same spirit to continue.

Trustee Scaletta said he will continue attending these meetings. Based on his observation of the situation, some things need to improve on the

District side and some parents need to improve their behavior.

Trustee John Scaletta moved to approve. Trustee Jim Tinaglia Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

Abstain: Glasgow

XIV. REPORT OF THE VILLAGE MANAGER

XV. APPOINTMENTS

XVI. PETITIONS AND COMMUNICATIONS

Trustee Farwell said Coffee with the Cops is on March 11 at the McDonald's on Dundee Road.

XVII. ADJOURNMENT

Trustee Bert Rosenberg moved to adjourn at 10:33 p.m. Trustee Robin LaBedz Seconded the Motion.
The Motion: Passed
Ayes: Blackwood, Farwell, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

Absent: Glasgow

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Resolution Approving the Disbursement of Cash Paid by Developers in Lieu of Land Dedication
Department: Finance

Item Description:
Two times per year, subject to availability of funds, the Village solicits requests from other governmental bodies for the release of monies collected from developers under the Village's Land Dedication Ordinance. The following summarizes the amounts collected and the requests from the other governmental bodies, including their proposed designation for the use of these monies:

Arlington Heights School District 25 - Improvements to existing schools.

Total collected to date and requested: $7,142.52

Township High School District 214 - To offset costs related to improvements of existing business, technology, special education, and facility improvement projects at John Hersey High School.

Total collected to date and requested: $3,521.40

Arlington Heights Park District - To help with improvements and/or additions to several parks.

Total collected to date and requested: $16,176.12

Arlington Heights Memorial Library - To help fund improvements to meet ADA accessibility requirements.

Total collected to date and requested: $1,299.33

RECOMMENDATION
It is recommended that the Village Board approve the disbursement of contributions in lieu of land dedication to various local governments and approve the local governments' designation for use of the monies totaling $28,139.37.

ATTACHMENTS:

1. Resolution Approving Cash in Lieu of Land Dedication
2. Land Dedication Requests

VILLAGE OF ARLINGTON HEIGHTS

RESOLUTION NO. _____

A RESOLUTION APPROVING THE DISBURSEMENT OF
CASH PAID BY DEVELOPERS IN LIEU OF LAND DEDICATION

WHEREAS, two times per year, subject to availability of funds, the Village solicits requests from other governmental bodies for the release of monies collected from developers under the Village's Land Dedication Ordinance.; and

WHEREAS, pursuant to Section 29-401 of the Municipal Code of Arlington Heights, Illinois, 1995, as amended ("*Village Code*"), the Village President and Board of Trustees must approve disbursement of contributions in lieu of land dedication; and

WHEREAS, the other governmental bodies have provided the Village with the proposed uses of the cash contributions from developers that have been collected in lieu of land dedication;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. APPROVAL OF DISBURSEMENT. The President and Board of Trustees hereby approve the Disbursements in Exhibit A.

SECTION 3. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of June, 2025

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

PURCHASES

ARLINGTON HEIGHTS SCHOOL DISTRICT 25

THOMAS | GREENBRIER | IVY HILL | OLIVE | PATTON| SOUTH | DRYDEN | WESTGATE | WINDSOR

Together today to transform tomorrow

Stacey Mallek
Assistant Superintendent for Business/CSBO
Email: smallek@sd25.org

May 12, 2025

Ms. Maggie Mattio
Administrative Assistant, Finance Department
Deputy Village Clerk
Village of Arlington Heights
33 South Arlington Heights Road
Arlington Heights, Illinois 60005

Dear Ms. Mattio:

We are in receipt of your notification regarding cash contributions in lieu of land dedication monies for the period November 1, 2024 through April 30, 2025.

Please be advised that we are requesting $7,142.52 in cash contributions, and that the monies will be used for improvements to our existing schools.

Should you have any questions, please feel free to contact me.

Respectfully,

Stacey Mallek
Assistant Superintendent For Business/CSBO
Phone 847-228-2080 fax 847-758-4908

High School District 214
2121 South Goebbert Road
Arlington Heights, Illinois 60005
847-718-7600 | www.d214.org

Dr. Scott Rowe
Superintendent

May 13, 2025

Ms. Maggie Mattio
Finance Department
Village of Arlington Heights
33 S. Arlington Heights Rd.
Arlington Heights, IL 60005

Dear Ms. Mattio,

The district is in receipt of your May 12, 2025 letter in which the Village of Arlington Heights indicates that $3,521.40 in cash contributions has been collected in lieu of land dedication for District 214 for the period of November 1, 2024 to April 30, 2025.

Our intent is to use these funds to offset costs related to improvement of existing business, technology, special education, and facility improvement projects at the John Hersey High School site.

Thank you for your consideration of this request.

Sincerely,

Tim J. Keeley
Associate Superintendent of Business Services

Arlington Heights Park District

May 15, 2025

Ms. Maggie Mattio
Administrative Assistant, Finance Dept.
Village of Arlington Heights
33 S. Arlington Heights Rd.
Arlington Heights, IL 60005

Dear Maggie,

The Arlington Heights Park District requests $16,176.12 in cash contributions in lieu of land dedication from November 1, 2024 through April 30, 2025. The contribution shall be considered for improvements and/or additions to the following parks:

Project	Date	Amount	Parks
1801 N. Clarence Ave.	04/21/2025	$ 5,392.04	Frontier, Camelot, Greenbrier, Rand-Berkley, and Hickory Meadows, Recreation and Green Slopes Parks; Lake Arlington and the Arlington Ridge Center.
407 S. Pine Ave.	04/21/2025	$ 5,392.04	Pioneer, Schaag, Dryden, Windsor Rose Garden, Melas, Volz, North School, Recreation Parks and the Arlington Ridge Center.
419 S. Pine Ave.	04/21/2025	$ 5,392.04	Pioneer, Schaag, Dryden, Windsor Rose Garden, Melas, Volz, North School, Recreation Parks and the Arlington Ridge Center.

Should you have any questions, please feel free to call me at 847-506-7145.

Sincerely,

John Kramer
Director of Parks and Planning

410 N. Arlington Heights Rd. | Arlington Heights, IL 60004 | Phone 847.577.3000 | Fax 847.577.3050 | WWW.AHPD.ORG

Arlington Heights Memorial LIBRARY

adding value in your life

May 13, 2025

Ms. Maggie Mattio
Finance Department
Village of Arlington Heights
33 South Arlington Heights Road
Arlington Heights, Illinois 60005

Dear Ms. Mattio,

Thank you for your letter of May 12, 2025, notifying the library about the contribution fees collected for the Arlington Heights Memorial Library for the period November 1, 2024 to April 30, 2025 in the amount of $1,299.33.

This letter serves as the library's request to disburse those funds. The funds will be applied toward making improvements to meet ADA accessibility requirements.

I appreciate your assistance in processing this request. If you have any questions, please call me at 847-506-2615.

Best regards,

Michael Driskell
Executive Director

c: Board of Library Trustees

Village of Arlington Heights
Cash Contributions in Lieu of Land Dedication
November 1, 2024 to April 30, 2025

Date	Permit No.	Project	Elem School #15	Elem School #21	Elem School #23	Elem School #25	Elem School #59	High School #211	High School #214	A H Park District	Salt Creek Park District	A H Memorial Library	Total
4/21/2025	BLDR2025-00138	1801 N Clarence Ave				$ 2,380.84			$1,173.80	$5,392.04		$433.11	$ 9,379.79
4/21/2025	BLDR2024-02438	407 S Pine Ave				$ 2,380.84			$1,173.80	$5,392.04		$433.11	$ 9,379.79
4/21/2025	BLDR2024-02439	419 S Pine Ave				$ 2,380.84			$1,173.80	$5,392.04		$433.11	$ 9,379.79
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			$0.00	$0.00	$0.00	$7,142.52	$0.00	$0.00	$3,521.40	$16,176.12	$0.00	$1,299.33	$28,139.37

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Resolution Approving Masory Repair Project at Fire Station #3 - Award

Department: Public Works & Engineering

Item Description:
During routine inspections in 2021, staff identified significant issues affecting the masonry on Fire Station #3, such as open, deteriorated, and washed-out mortar joints and failed caulking around windows and expansion joints. The level of deterioration identified is typical of a structure constructed approximately 57 years ago. Staff included their observations, as well as a projected cost, into the Capital Improvement Plan to ensure that the masonry is restored to preserve the facility's structural integrity and to prevent water infiltration.

It should be noted that Fire Station #3 houses first responder operations that function 24 hours a day, seven days a week. Therefore, to protect against disruption to the full facility operations during the proposed masonry repairs, staff utilized the Request for Proposal process for added controls on the project. The work proposed, includes tuckpointing, caulking, and all necessary sealant replacement, and was publicly advertised on April 28, 2025.

Staff developed the Requests for Proposals around four key categories: Project Approach, Experience in Municipal Masonry Restoration, Project References, and Proposed Cost. After hosting a mandatory pre-bid walkthrough at Fire Station #3, five proposals were submitted by the May 23, 2025, due date.

Contractor	**Price**
Safe-Way Tuckpointing	$35,000
Futurity 19	$38,907
MBB	$89,000
J S Construction & Developers	$100,000
Berglund	$125,000

Public Works and Engineering Department staff thoroughly reviewed all proposals and vetted all pertinent project references. Based on the project requirements, staff recommends that the Village proceed with Safe-Way Tuckpointing, of Rolling Meadows, Illinois as they submitted the lowest responsive proposal. Safe-Way Tuckpointing has worked on high-profile projects for other nearby municipalities, which has been satisfactorily performed, and staff received positive referrals.

Funding for this project is available in 401-7101-550200 (BL9603).

RECOMMENDATION

It is recommended that the Village Board waive competitive bidding and approve the resolution awarding the Fire Station #3 Masonry Repair Project to Safe-Way Tuckpointing of Rolling Meadows, Illinois in the amount of $35,000 and authorize the necessary documents.

ATTACHMENTS:

1. 20250602_FireStation3_Tuckpointing_Resolution_and attachment

VILLAGE OF ARLINGTON HEIGHTS

RESOLUTION NO. _____

A RESOLUTION APPROVING THE AWARD OF A CONTRACT
FOR THE FIRE STATION #3 – MASONRY REPAIR PROJECT
TO SAFE-WAY TUCKPOINTING OF ROLLING MEADOWS, ILLINOIS

WHEREAS, the Village of Arlington Heights is a home rule municipality in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, in 2025, Village Staff identified significant issues affecting the masonry on Fire Station #3; and

WHEREAS, Safe-Way Tuckpointing of Rolling Meadows, Illinois (*"Contractor"*) provided a quote to the Village for masonry repair work on the Fire Station #3 building in the amount $35,000 (*"Contract"*); and

WHEREAS, the Village President and Board of Trustees have determined that it is appropriate to waive the advertising requirements set forth in Section 8-9-1 of the Illinois Municipal Code, 65 ILCS 5/8-9-1, for the Contract for masonry repair work on the Fire Station #3 building;

WHEREAS, the Village President and Board of Trustees have determined that entering into the Contract with Contractor for the masonry repair work at the Fire Station #3 building will be in the best interest of the Village and its residents;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. WAIVER OF COMPETITIVE BIDDING. The advertising and bidding requirements for the Contract for masonry repair work on the Fire Station #3 building are hereby waived in accordance with Section 8-9-1 of the Illinois Municipal Code and the home rule powers of the Village.

SECTION 3. APPROVAL OF CONTRACT. The Board of Trustees hereby approves the Contract by and between the Village and Contractor, in substantially the form attached to this Resolution as Exhibit A, and in a final form and substance acceptable to the Village Manager and Village Attorney.

SECTION 4. EXECUTION OF CONTRACT. The Village Manager and the Village Clerk are hereby authorized and directed to execute and attest, on behalf of the Village, the Contract upon receipt by the Village Clerk of at least one original copy of the Contract executed by Contractor; provided, however, that if the executed copy of the Contract is not received by the Village Clerk within 30 days after the effective date of this Resolution, then this authority to execute and attest will, at the option of the President and Board of Trustees, be null and void.

SECTION 5. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 20__.

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

CONTRACT

2211 Willow Ln
Rolling Meadows, IL 60008
847-612-1611
sales@safewaytuckpointing.com

22nd May, 2025

Village of Arlington Heights
33 s Arlington Heights Rd
Arlington Heights, IL 60005

Letter of Interest – RFP for Masonry Restoration Services – Fire Station Three

Dear Sir/Madam:

Safeway Tuckpointing is pleased to submit this Letter of Interest in response to your Request for Proposal for masonry restoration services at Fire Station Three. With over 3 generations of experience specializing in tuckpointing, brick replacement, and masonry restoration, our team is confident in our ability to deliver high-quality and cost-effective restoration solutions tailored to your facility's unique needs.

We understand the importance of preserving the structural integrity and function of essential municipal facilities such as Fire Station Three. We are also familiar with working on active public service buildings and will ensure seamless coordination with station operations during the restoration process.

We welcome the opportunity to submit a formal proposal and would be happy to provide any additional information, references, or project examples at your request.

Sincerely,

Victor Azcorra

President

Safe-way Tuckpointing LLP

Statement of Proposal

Masonry Restoration Services for Fire Station 3, 2000 S Arlington Heights Rd, Arlington Heights, IL 60005



Safe-Way Tuckpointing LLP

2211 Willow Ln, Rolling Meadows IL 60008

5/20/2025

INTRODUCTION

Hello, we are Safe-Way Tuckpointing. Our office is in Rolling Meadows and we are lifelong Meadows residents. Our address is 2211 Willow Ln, Rolling Meadows 60008. Our current president, Victor Azcorra, started as a technician in the family operated masonry business. After over 20 years of service Victor acquired full interests in the partnership. Since acquiring the business Victor has opened the door beyond family members and currently has 7 technicians on staff. Coupled with family tradition and a new wave of young masons, Safe-way Tuckpointing offers tremendous value and experience from such a relatively small organization.

We recognize the important function of the building and will keep that in mind with every decision made on this project. We will remain in constant communication and coordination with the Firehouse to insure nothing impedes the duties of the fire personnel.

Staffing & Sub-Contractors

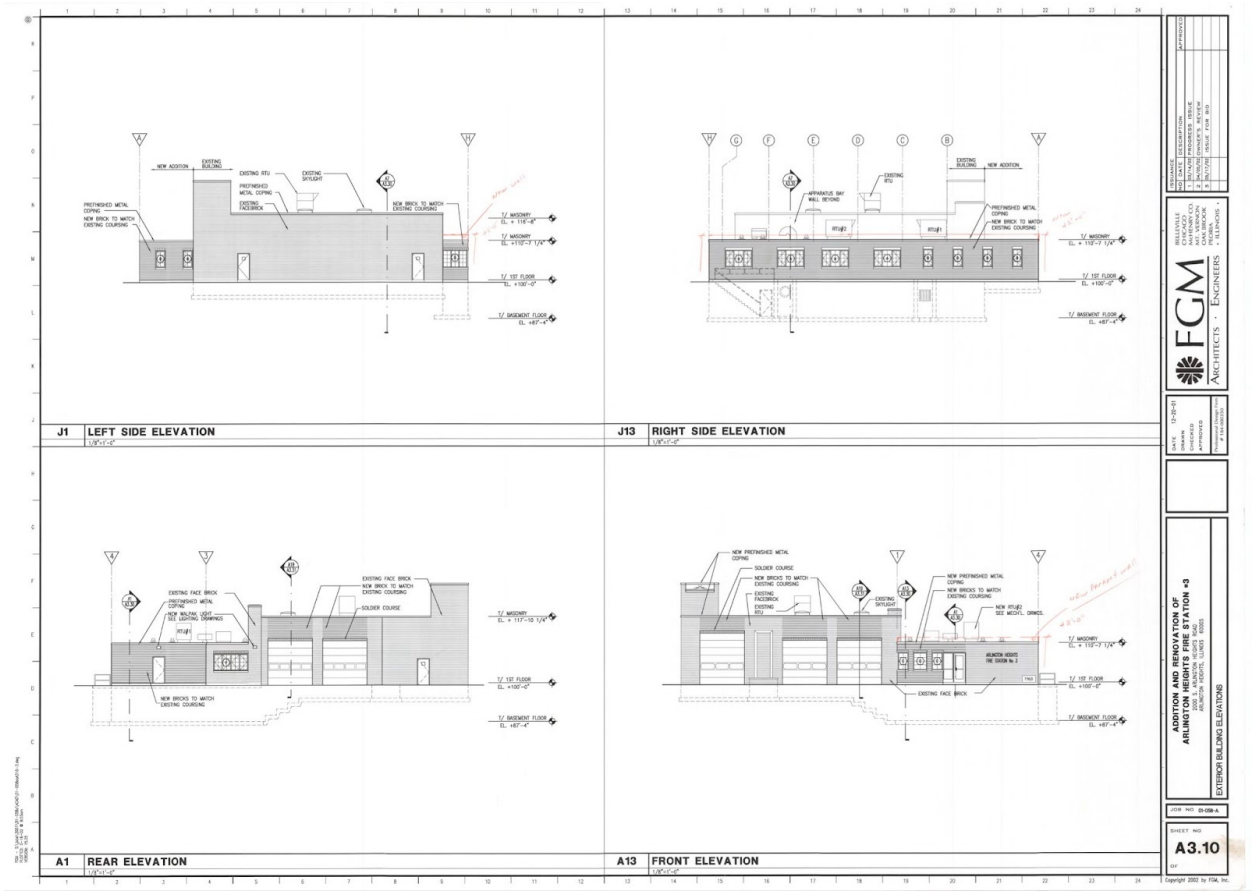
Safe-way Tuckpointing can provide all the services listed in the RFP with its current in-house staff. No sub-contractors will be needed or used for this project. A statement that the firm can provide all of the services in the Scope of Services list above with current in-house staff, or if not, a specific listing of those services the firm will provide in-house and those it proposes to provide through subconsultants.

For this project the individual who would be assigned as the main point of contact is Victor Azcorra, President. Safe-way currently fields two foreman, so either Mr. Eliu Morgan or Mr. Dakota O'neill would be the primary point of contact in the field. Onsite duties will be performed by the following:

1. Miguel Mattanes
2. Jeremy Janssen

3. Dakota O'niel
4. Eliu Morgan
5. Anthony Rangel
6. Chris Calderisi
7. Christian Leal

The Work



Contractor to make repairs to the masonry envelope of Fire Station 3. Repairs to be made according to the outline specified in the RFP but include:

Tuckpointing: To mechanically rake mortar joints to a depth of 3/4" or until sound mortar is reached, whichever is deeper. Clean joints of dust and debris, moisten until glistening, and install new type N mortar, colored and tooled to match existing in every particular.

Sealant Joints: To install new elastomeric silicone based waterproof sealant at wall joints where sealant has failed. Contractor to install backer rod, prime surface, apply sealant and tool to provide a concave water repelling joint.

Pressure Wash and Waterproof: To remove dirt, debris, and masonry residue from all masonry around the entire building. Includes applications of SureKlean NMD 80 Cleaner and SureKlean Weather Seal siloxane water-based water repellent or similar

The goal of the remediation is to bring the entire masonry envelope up to good working order.

Attention to details





Attention to details

In the last photo you see the old flashing deteriorating and hanging out from beneath the brick soldier coursing. This flashing has seen its life through. It is our belief that this old flashing membrane is directly contributing to active leaks witnessed within the building. We will include an alternate to remove the bricks directly above the window lintels, remove the old through wall flashing, install new through wall flashing with end drip edge and end dams, and re-install the salvaged brick.

CONCLUSION

Safe-way Tuckpointing has been a family owned and operated tuckpointing company since 1947. Born through tradition and raised in modern practices, Safe-way Tuckpointing balances experience and value to deliver a first rate experience. Being a smaller company allows for larger attention to details.

We are looking forward to being of service.

Local References

Project/Project Year	Description	Client Info
Hoffman Estates Fleet Maintenance Bldg (2024)	Grinding, Tuckpointing and installation of through wall flashing… $80,000	Paul Patrenko Public Works Department 2305 Pembroke Avenue Hoffman Estates, IL 60169 847-781-2718
Wheeling Fountain (2025)	Removal and installation of concrete pool liner, grinding and tuckpointing… $58,000	Kevin Pelli Engineering Coordinator Village of Wheeling 2 Community Blvd. | Wheeling, IL | 60090 Office (847) 279-6912
Woodstock Opera House & Village Hall (2024)	Grinding and Tuckpointing, Sealant Replacement, water-proofing, stone patching… $60,000	Christopher Tiedt 121 W. Calhoun Street Woodstock, IL 60098 P: 815-338-4300 | F: 815-338-2269

Safe-Way Tuckpointing LLP

2211 Willow Lane
Rolling Meadows, IL 60008 US
sales@safewaytuckpointing.com
www.safewaytuckpointing.com

Estimate

ADDRESS
Village of Arlington Heights
33 s Arlington Heights Rd
Arlington Heights, IL 60005

ESTIMATE 1115
DATE 05/22/2025

DATE		DESCRIPTION	QTY	RATE	AMOUNT
	Original Contract	In response to the RFP issued 4/28/2025 for Masonry Restoration Services for Fire Station 3 Grind and tuckpoint the open, deteriorated, and washed-out mortar joints throughout the building. Remove and replace caulking around windows and mortar expansion joints, including above the apparatus bay and man doors. Power wash the entire building exterior with water and masonry cleaner to remove dirt, debris, and excess mortar. Apply two coats of protective masonry sealer to the cleaned and dry masonry surfaces to enhance durability and water resistance.	1	25,000.00	25,000.00

TOTAL **$25,000.00**

Accepted By

Accepted Date

Safe-Way Tuckpointing LLP

2211 Willow Lane
Rolling Meadows, IL 60008 US
sales@safewaytuckpointing.com
www.safewaytuckpointing.com

Estimate

ADDRESS
Village of Arlington Heights
33 s Arlington Heights Rd
Arlington Heights, IL 60005

ESTIMATE 1116
DATE 05/22/2025

DATE	DESCRIPTION	QTY	RATE	AMOUNT
Original Contract Addition	In response to the RFP issued 4/28/2025 for Masonry Restoration Services for Fire Station 3 Suggested Alternate to the base scope of the RFP for Fire Station 3 Thru-wall Flashing Repairs: At perimeter masonry windows at east elevation, for the lintel above the entrance windows, over to and including above the windows by the garage doors, remove existing brick masonry as required to remove and dispose of existing thru- wall flashing. A total of (one) brick soldier course of masonry shall be removed to allow for a new thru-wall flashing to be installed. To Provide and install new adhesive backed flashing membrane complete with termination bar and continuous sealant. Provide a continuous stainless steel receiver set in a bed of mastic. Following flashing installation, restore brick masonry providing cell vent weeps at 24” O.C. Approximately 25 lineal feet to be flashed. The remaining lintels and flashings have been inspected and were found to be in good working condition.	1	10,000.00	10,000.00

TOTAL **$10,000.00**

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Resolution Approving the Algonquin Road Sewer Capacity Improvement Project - Award

Department: Public Works & Engineering

Item Description:

Resolution Approving the Algonquin Road Sewer Capacity Improvement Project - Award

The approved 2025 Capital Improvement Program (CIP) includes $3,425,942, in available funding for the Algonquin Road Sewer Capacity Improvement project. The Public Works and Engineering and the Planning and Community Development Departments identified the Algonquin Road sewer improvement in conjunction with recent area developments. While the sewer was sufficient for the users previously, new proposed developments required reevaluation of the service area. Following studies performed by the consulting engineer and discussions with the Metropolitan Water Reclamation District (MWRD), it was determined that the main sewer line that serves the area should be increased to accommodate "worst case scenario" conditions that could occur as a result of increased impacts from new developments.

This project proposes replacement of over 2,800 linear feet of sanitary directly down Algonquin Road, from Cedar Glen Drive to Dempster Street, and then terminating at Busse Road (in Mount Prospect) into the main MWRD transmission line. The project will require a regularly changing detour over the course of the project, which will require west-bound traffic to use Busse Road, Golf Road, and Arlington Heights Road, ahead of the ongoing private development at Arlington Heights Road and Algonquin Road. Staff has worked with the consulting engineer to develop a plan that minimizes disruption to traffic to the greatest extent possible. Project updates will be communicated through social media avenues and regular project updates will also be viewable on the Village website.

The project is anticipated to begin by mid-June with a substantial completion date of the end of November.

This project was duly advertised, and six different bid proposals were publicly opened on May 22, 2025. Dimeo Brothers, Inc. was the lowest responsible bidder. The Village's consulting engineer has reviewed the contractor's qualifications and references and has no concern DiMeo Brothers, Inc. (Letter of Recommendation attached).

BIDDER	TOTAL BID
DiMeo Brothers, Inc	$4,046,885.00
Boulder Construction	$4,178,925.00
Martam Construction	$4,426,078.76
Trine Construction	$5,305,305.05
Aqua	$6,300,000.00

The bid amount is under the engineer's estimate of $4,251,254.25.

Funding for the construction and engineering required for this project is proposed from the Water & Sewer Fund and the South Arlington Heights Road TIF Fund. The total cost, including engineering is $4,465,885, with this construction contract of $4,046,885. An Intergovernmental Cost Sharing agreement is being worked out with the Village of Mount Prospect. This will be presented to the Village Board at a future date. Their share of the project is less than 10% of the overall cost. However, the Village of Arlington Heights will be responsible for all initial costs. Therefore, Staff has worked with the Finance Department and have identified $310,500 available in Account No. 505-4001-550250, and $310,500 available in Account No. 267-4001-550250 (SW2401) to account for funding needed for this project, which is presented to the Village Board as a Budget Amendment at tonight's meeting.

RECOMMENDATION

It is recommended that the Village Board approve the attached Resolution authorizing the award of a contract for the Algonquin Road Sewer Capacity Improvement Project to the lowest responsible bidder, DiMeo Brothers, Inc of Elk Grove, Illinois, in an amount not-to-exceed $4,046,885 and authorize the execution of the necessary documents.

ATTACHMENTS:

1. 20250602_Algonquin_Sanitary_Improvements_Resolution_and_attachment

VILLAGE OF ARLINGTON HEIGHTS

RESOLUTION NO. _____

A RESOLUTION APPROVING THE AWARD OF A CONTRACT
FOR THE ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENT
PROJECT TO DIMEO BROS., INC OF ELK GROVE VILLAGE, IL

WHEREAS, the Village sought bids for the award of a contract for the replacement of a main sanitary sewer line on Algonquin Road from approximately Cedar Glen Drive to approximately Busse Road in Mount Prospect (*"Contract"*); and

WHEREAS, DIMEO BROS., INC. of ELK GROVE VILLAGE, Illinois (*"Contractor"*), was the lowest responsible and responsive bidder of the firms that submitted bid packages to the Village for the Contract; and

WHEREAS, the Village President and Board of Trustees have determined that entering into the Contract with Contractor will serve and be in the best interest of the Village and its residents;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. APPROVAL OF CONTRACT. The Board of Trustees hereby approves the Contract by and between the Village and Contractor, in substantially the form attached to this Resolution as Exhibit A, and in a final form and substance acceptable to the Village Administrator and Village Attorney.

SECTION 3. EXECUTION OF CONTRACT. The Village Manager and the Village Clerk are hereby authorized and directed to execute and attest, on behalf of the Village, the Contract upon receipt by the Village Clerk of at least one original copy of the Contract executed by Contractor; provided, however, that if the executed copy of the Contract is not received by the Village Clerk within 30 days after the effective date of this Resolution, then this authority to execute and attest will, at the option of the President and Board of Trustees, be null and void.

SECTION 4. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 20__.

_____
Village President

ATTEST:

_____

Village Clerk

Village of Arlington Heights

33 South Arlington Heights Road
Arlington Heights, Illinois 60005
847-368-5000
www.vah.com

NOTICE OF AWARD

DiMeo Brothers Inc.
800 Nicholas Blvd
Elk Grove, IL 60007

June 2, 2025

Project Description: Algonquin Road Sewer Capacity Improvements

The Village of Arlington Heights has considered the proposal submitted by your Company for the above-described work in response to its INVITATION FOR BIDS opened May 22, 2025.

YOU ARE HEREBY NOTIFIED that your proposal/bid has been accepted by the Village Board on June 2, 2025 for items and services for the amount of: **Four Million, Forty-Six Thousand, Eight Hundred Eighty-Five Dollars and 00/100ths** ($4,046,885.00).

You are required to execute the Contract Documents and provide necessary Insurance documentation within Fifteen (15) days from the date of this Notice to you.

If you fail to execute said Contract within Fifteen (15) days from the date of this Notice, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your proposal as abandoned and the Owner will be entitled to such other rights as may be granted by law. Please return signed contracts to Lisa Subrin.

You are required to return an acknowledged copy of this Notice of award to the Village, with two signed copies of the contract.

Dated this 2nd day of June, 2025

Village of Arlington Heights

By: _____

Lisa Subrin, Purchasing Coordinator

Acceptance of Notice

Receipt of the above Notice of Award is acknowledged by DiMeo Brothers Inc. this _____ of June (month), 2025.
By: _____

Title: _____

VILLAGE OF ARLINGTON HEIGHTS
CONTRACT

This Agreement is made and entered into this 2nd day of June, 2025, between the Village of Arlington Heights "Village" and DiMeo Brothers Inc., "Vendor."

In consideration of the mutual benefits that will result to the parties in carrying out the terms of this Agreement, the parties agree as follows:

1. The Vendor agrees to do all the work, furnish all materials and all labor necessary to complete the work in full compliance with all of the terms of this agreement and the proposed specifications and the requirements of the Director under it;
2. The Village agrees to pay the Vendor based on unit prices for completion of the work in accordance with the bid documents;
3. It is understood and agreed that the Bid Documents, Specifications, Addenda, and the Bidder's response are all essential documents for the Algonquin Road Sewer Capacity Improvements. They are attached and hereby made part of this agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the date indicated above.

Attest: Village of Arlington Heights

_____ By:_____
Clerk
(Seal) Title: _____

Date:_____

Attest:

Bidder:

By:_____

_____ Title:_____
Notary
(Seal) Date:_____

Subscribed & sworn before me this _____day of _____2025.

VILLAGE OF ARLINGTON HEIGHTS
FINANCE DEPARTMENT, PURCHASING DIVISION
33 S. ARLINGTON HEIGHTS ROAD

BID SPECIFICATIONS AND CONTRACT DOCUMENTS

ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS

Required for Use by:	Village of Arlington Heights – Public Works – Engineering
Bid Deposit:	10% of bid
Performance Bond:	100% of bid
Pre-Bid Meeting:	Tuesday, May 13, 2025, at 9:00 AM
Date and Time Bids Due:	Thursday, May 22, 2025, at 10:00 AM
Date and Time of Bid Opening:	Thursday, May 22, 2025, at 10:00 AM
Project Contact:	Jim Zaharopoulos, jzaharopoulos@vah.com, 847-368-5800
Purchasing Coordinator:	Lisa Subrin, lsubrin@vah.com, 847-368-5509

This bid is utilizing our Electronic Bid Management System:

***** Please see the Bid Notice for the link to access the bid documents and instructions.

* It is imperative that you register as a vendor and be logged in **PRIOR TO VIEWING** the Bid Documents. **This is the only way to connect you to the bid and allow us to send you updates, such as addendums.**

* **If you are currently doing business with the Village of Arlington Heights or if your company has ever applied to a bid electronically with us, you ALREADY have a vendor number assigned to you. Please follow the instructions to LINK to your vendor # and do NOT create a new vendor #.** Please contact Lisa Subrin if you do not know your vendor number. Your vendor number can also be found on our POs and checks.

* Required documents to be submitted with this bid are: Bid Bond, Proposal Page and signed addendum, if applicable. The Proposal Page includes the Affidavit of Availability.

* Please allow yourself enough time to submit your bid before the bid closes.

In the event bidder cannot submit a bid on the requirements as set forth in the bid documents, he or she should return the bid documents with an explanation as to why he or she is unable to bid on these requirements. Because of the large number of firms listed on the Village's qualified bidder's list, it is necessary to delete from these lists the names of those persons, firms or corporations who fail to respond after having been invited to bid on a commodity or commodities.

BID NOTICE

ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS
Bid # 250008

The Village of Arlington Heights will accept sealed bids electronically for the ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS (bid name) until 10:00 AM local time on Thursday, May 22, 2025, at which time they will be publicly opened and read.

The project involves installing 2,704 feet of 24-inch PVC pipe along westbound Algonquin Road between Busse Road and South Cedar Glen Drive, 693 feet of 8-inch PVC pipe on Dempster Street between Busse Road and West Algonquin Road, and 23 feet of 12-inch VCP pipe at the intersection of Busse Road and westbound Algonquin Road. The scope of work includes providing all necessary materials, labor, and equipment for the construction of new sanitary sewers using open-cut excavation, constructing new manholes, reconnecting laterals, abandoning the existing sanitary sewer, restoring roadways, implementing traffic control measures, and completing any other miscellaneous tasks required to finish this improvement in accordance with the Plans, Standard Specifications, and Special Provisions.

A Non-Mandatory Pre-Bid Conference will be held on Tuesday, May 13, 2025, at 9:00 AM in the Public Works Training Room, Village of Arlington Heights, 33 S. Arlington Heights Road, Arlington Heights, IL 60005

Bidders shall comply with the Prevailing Wage Rate Act (820 ILCS 130/), the IDOT Standard. Bidders will also be required to comply with the applicable equal employment opportunity provisions.

Specifications for Road and Bridge Construction, adopted January 1, 2022, and the IDOT Supplemental Specifications and Recurring Special Provisions, adopted January 1, 2025. Bidders will also be required to comply with the applicable equal employment opportunity provisions.

The Affidavit of Availability must be submitted with the proposal, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work.

All proposals or bids offered must be accompanied by a bid security in the amount of 10% of the total bid in the form of a certified check, bid bond or cashier's check made payable to the Village of Arlington Heights. No bids shall be considered unless accompanied by such security.

The Village of Arlington Heights reserves the right to reject any or all proposals, to waive informalities in bidding and to accept the proposal deemed by the Board of Trustees to be the most favorable to the interests of the Village.

This bid is utilizing our Electronic Bid Management System and specifications/bid documents may be obtained with the following link and instructions. This information and link can also be found at www.vah.com

https://vilofarlingtonheightsil.munisselfservice.com/vss/Vendors/VBids/Default.aspx

Type in the bid # and click search. Next click on the bid #, and then click on the attachments on the right-hand side to find instructions on How to Register and Submit a Bid.

It is imperative that you register as a vendor and be logged in **PRIOR TO VIEWING** the Bid Documents. **This is the only way to connect you to the bid and allow us to send you updates, such as addendums.**

If you are currently doing business with the Village of Arlington Heights or if your company has ever applied to a bid electronically with us, you ALREADY have a vendor number assigned to you. Please follow the instructions to LINK to your vendor # and do NOT create a new vendor #. Please contact Lisa Subrin if you do not know your vendor number. Your vendor number can also be found on our POs and checks**.**

Contact Lisa Subrin, Purchasing Coordinator, at lsubrin@vah.com, if you have issues accessing the bid.

For a list of our current bids, visit our website at www.vah.com.

PRE-BID CONFERENCE

ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS

A Non-Mandatory Pre-Bid Conference will be held on Tuesday, May 13, 2025, at 9:00 AM in the Public Works Training Room, Village of Arlington Heights, 33 S. Arlington Heights Road, Arlington Heights, IL 60005.

Bidder's questions will be responded to at that time only. It is suggested, but not required, that any questions regarding the bid documents be submitted to Jim Zaharopoulos and Bobby Peters, prior to the Pre-Bid Conference in order to allow the Village sufficient time to adequately research and prepare a response for the conference.

ENGINEER:
Bobby Peters
bobby.peters@rjnmail.com

(630) 800 – 0905

VILLAGE OF ARLINGTON HEIGHTS
GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS
PUBLIC IMPROVEMENTS/CONSTRUCTION

THE GENERAL TERMS AND CONDITIONS WHICH FOLLOW APPLY TO ALL PURCHASES AND SERVICES AND BECOME A DEFINITE PART OF EACH FORMAL INVITATION TO BID, PURCHASE ORDER, OR CONTRACT ISSUED BY THE VILLAGE OF ARLINGTON HEIGHTS ("VILLAGE"), UNLESS OTHERWISE SPECIFIED. BY SUBMITTING A BID, THE BIDDER AGREES TO BE BOUND BY THESE TERMS AND CONDITIONS. BIDDERS OR THEIR AUTHORIZED REPRESENTATIVES ARE EXPECTED TO FULLY INFORM THEMSELVES OF THE CONDITIONS, REQUIREMENTS, AND SPECIFICATIONS BEFORE SUBMITTING BIDS, FAILURE TO DO SO WILL BE AT THE BIDDER'S OWN RISK AND WILL NOT SECURE RELIEF ON THE PLEA OF ERROR.

1.01 PREPARATION OF PROPOSALS:

The bidder shall submit their sealed bid proposal on the proposal forms provided and shall be submitted electronically through the Bid Management System. The bidder shall specify in figures, in the places provided, a price for each of the separate items called for in the proposal forms. All information required by the bidding documents must be supplied to constitute a responsive bid.

All bid/proposals should be submitted electronically through the Bid Management System prior to the time specified for opening the bid. If a bid cannot be submitted electronically, please contact the Purchasing Coordinator.

If the bidder is a corporation, the legal name of the corporation, the state of incorporation and the business address shall be set forth together with signature of the officer or officers authorized to sign contracts on behalf of the corporation and attested by the secretary of the corporation. The corporate seal shall also be affixed. If the bidder is partnership, the true name and seals shall also be affixed. If the bidder is a partnership the true name and address of the firm shall be set forth together with the signatures of authorized partners. If the bidder is an individual, the signature and address shall be inscribed. If the signature is by an agent other than an officer of the corporation or member of the partnership, a power of attorney must be submitted with the bid, otherwise, the bid may be regarded as irregular. All names must be printed below the signature.

1.02 BID SECURITY:

No bid will be considered unless accompanied by a bid security as defined in the Invitation to Bid as a guarantee that if the bid is accepted the bidder will execute the agreement and file bonds and insurance's required by the contract documents. Bid securities shall be made payment to the Village of Arlington Heights. In the event that the bidder fails to furnish the required bonds and insurance within ten (10) calendar days after notice of acceptance of the bid by the Village, then the bid deposit of the bidder shall be retained by the Village as liquidated damages, it being now agreed that said sum is a fair estimate of the amount of damages that said Village will sustain due to the bidder's failure to furnish said bond.

1.03 BID SUBMITTAL:

Each sealed bid properly signed together with the bid security and all documents bound herewith shall submitted electronically through the Bid Management System prior to the time specified for opening the bid. If a bid cannot be submitted electronically, please contact the Purchasing Coordinator.

1.04 WITHDRAWAL OF BID:

No bid shall be withdrawn after the opening of any bid without the consent of the Village. Any bid may be withdrawn at any time prior to the hour fixed in the Invitation for Bids for the opening of bids provided that a request in writing executed by the bidder or duly authorized representative for the withdrawal of such bid is filed with the owner prior to the time specified for the opening of bids.

1.05 AWARDING THE BID:

The contract will be awarded to the lowest responsible bidder, or any other bidder determined by the Village Board to be in the best interest of the Village, who complies with all the provisions of the invitation to bid. The Village reserves the right to reject any or all bids or to waive any non-conformity in bids received whenever such rejection or waiver is in the best interests of the Village. The Village also reserves the right to reject the bid of a bidder who has previously failed to satisfactorily perform a contract, has not completed contracts on time, or whom an investigation shows is not in a position to perform the contract.

In determining responsibility, the following qualifications will be considered by the Village:

(a) The ability, capacity, and skill of the bidder to perform the contract or provide the service required;

(b) Whether the bidder can perform the contract or provide service promptly, or within the time specified, without delay or interference;

(c) The character, integrity, reputation, judgment, experience, and efficiency of the bidder;

(d) The quality of performance of previous contracts or services;

(e) The previous and existing compliance by the bidder with laws and ordinances relating to the contract or service;

(f) The sufficiency of the financial resources and ability of the bidder to perform the contract or provide the service;

(g) The quality, availability, and adaptability of the supplies or contractual services to the particular use required;

Except as otherwise provided by law, the Village Mayor and Board of Trustees reserves the right to reject any or all bids and to waive any informality in the bids received.

2.00 WORK COVERED BY CONTRACT DOCUMENTS:

The work comprises the completed Public Improvements/Construction required by the contract documents and includes all labor necessary to produce such Public Improvements/Construction and all materials and equipment incorporated or to be incorporated in such Public Improvements/Construction.

3.00 CONTRACTOR:

The contractor is the person or entity identified as such in the owner-contractor agreement and is referred to throughout the contract documents as if singular in number. The term contractor means the contractor or an authorized representative.

4.00 DEFINITION OF TERMS:

Wherever used in these General Conditions, or in the other contract documents, the following terms have the meanings listed and include singular and plural; persons referred to throughout the contract documents are as if singular in number.

4.01 AWARD:

The decision of the Village to accept the proposal of a responsible bidder for the work, subject to the execution and approval of the contract and contract bond to secure performance, and such other conditions as may be specified or otherwise required by law.

4.02 BIDDER:

Any individual, firm or corporation submitting a proposal for the work, acting directly or through a duly authorized representative.

4.03 BID PROPOSAL SECURITY (PROPOSAL GUARANTEE):

The security furnished with the bid to guarantee that the bidder will enter into the contract for the work contemplated.

4.04 CONTRACT/AGREEMENT:

The contract represents the entire and integrated agreement between the Village and contractor and supersedes all prior negotiations, representations or agreements either written or oral. The contract may be amended, or modified in writing signed by both parties.

4.05 CONTRACT BOND:

The form of security approved by the Village and furnished by the contractor and the contractor's surety as a guarantee of good faith and ability on the part of the contractor to execute the work in accordance with the terms of the contract.

4.06 CONTRACT DOCUMENTS:

The contract documents consist of the Village/Contractor agreement, the conditions of the contract (general), supplementary or special and other conditions, the plans, specifications, addenda and all modifications (written amendments, change orders, written interpretations or other written orders), and the contract bond when required.

4.07 CORPORATION:

A corporate body authorized or licensed to do business in Illinois.

4.08 ENGINEER:

When the word "Engineer" appears in the specifications it shall mean the Village Engineer of the Village of Arlington Heights, Illinois or those designated by the Village Engineer.

4.09 OBSERVER:

The Village's authorized representative assigned to observe any or all portions of the work and materials being used for the project.

4.10 OWNER/VILLAGE:

When the word "Owner" or "Village" appears in the specifications they shall mean the Village of Arlington Heights, Illinois, a municipal corporation of the State of Illinois,

33 South Arlington Heights Road, Arlington Heights, Illinois 60005.

4.11 PLANS:

All official drawings or reproductions of drawings pertaining to the work provided for in the Contract.

4.12 PROJECT MANUAL:

The booklet (manual) which includes the bidding requirements, conditions of the contract, the proposal, specifications.

4.13 BID PROPOSAL:

The written offer of the bidder to perform the work proposed, presented to the Village.

4.14 SPECIAL CONDITIONS:

Special conditions, when included in these contract documents, shall act to supplement these general conditions, the attached specifications and the plans on particular portions of the project. They shall govern the contract documents wherever they conflict therewith; but shall not annul the portions of the contract documents with which they do not conflict.

4.15 SPECIFICATIONS:

The body of descriptions, conditions and requirements contained in the contract, together with written agreements and all documents of any description made or to be made pertaining to the method or manner of performing the work, the quantities, or the quality of materials to be

furnished under the contract.

The specifications have abbreviated sections and may include incomplete sentences. Omissions of phrases such as "The Contractor Shall" or "Complying with the requirements of" are intentional. Omitted words or phrases shall be supplied by inference in the same manner as they are when a "note" occurs on the drawings, words in the singular shall include the plural wherever applicable, or as the context so indicates.

4.16 SURETY:

The corporate body, acceptable to the Village, bound with and for the contractor to insure acceptable performance of the contract and for payment of all obligations pertaining to the work.

4.17 MISCELLANEOUS DEFINITIONS:

(a) "Provide" means furnish, fabricate, complete, deliver, install, and erect, including all labor, materials, equipment, apparatus, appurtenances, and expenses necessary to complete in place, ready for operation or use.

(b) "Shall" means mandatory.

(c) "As Required" means as prescribed by the contract documents.

(d) "As Necessary" means essential to the completion of the work.

(e) "Or Equal" means a substitute meeting the exact specification of those items so stated on the drawings, details, and/or the specifications and approved by the Village before bids are submitted.

5.00 CONTRACT DOCUMENTS

5.01 OWNERSHIP OF PLANS AND SPECIFICATIONS:

All plans and specifications and copies thereof furnished by the Village are Village property. They are not to be used on other work and with the exception of one complete set, are to be returned to the Village on request, at the completion of the contract work.

5.02 EXAMINATION OF CONTRACT DOCUMENTS AND THE SITE OF PROPOSED WORK:

The bidder shall, before submitting a bid, carefully examine the contract, including the proposal, specifications, general and special conditions. The bidder shall inspect the site of the proposed work and become familiar with all the local conditions affecting the contract and detailed requirements of Public Improvements/Construction. If the bidder’s bid is accepted, the bidder will be responsible for any errors in the proposal resulting from failure or neglect to comply with these instructions. The Village will, in no case, be responsible for any change in anticipated profits resulting from such failure or neglect.

5.03 INTENTION OF CONTRACT DOCUMENTS:

The contract documents are complementary; what is called for by one is as binding as if called for by all. The contractor shall bring any conflict, errors, or discrepancies in the contract documents to the attention of the Village in writing before proceeding with the work affected thereby.

Any work that may reasonably to be inferred from the specifications or plans as being required to produce the intended result shall be provided by the contractor whether or not it is specifically mentioned or shown.

5.04 BID PROPOSAL SECURITY (PROPOSAL GUARANTEE):

Each proposal shall be accompanied by a bid proposal security (see Section 1.02). A bid proposal security shall be a properly certified check, bank draft, bank cashier's check or bid bond for ten percent (10%) of the amount of the bid as prescribed herein, made payable to the Village. The proposal guarantee will be returned within five (5) business days after the bid opening date to all but the successful bidder, and one alternate bidder to be designated by the Village. The proposal guarantee of the successful bidder and the alternate bidder will be returned as soon as the contract bond, insurance policies and certificates are in proper order, delivered to the Village and the contract has been fully executed by the bidder to whom the contract is awarded.

5.05 BONDING REQUIREMENTS:

(a) Performance and Payment Bond. All bonds must comply with all laws including, but not limited to 820 ILCS 130/4 (c). The Contractor will provide both a Performance and Payment Bond each for 100% of the contract price with a minimum "A" rating as defined in Best's Key Rating Guide and be conditioned on the faithful performance of the requirements of the contract, and will have as surety a corporate surety authorized to act as such in Illinois and that the Contractor will be responsible for all claims for injuries to persons or damages to property or premises arising out of or in connection with his or her operations prior to the acceptance of the finished work or supplies, and that he or she will promptly make payments to all persons supplying them with labor or materials in the prosecution of the work provided for in the Contract; and will guarantee to indemnify and hold harmless the Village and its officers and employees for all costs, damages and expenses arising out of or by reason of the contractor's failure to comply and perform the work and to complete the contract in accordance with the specifications.

(b) Failure on the part of the contractor to obtain and deliver a Surety, Performance, and Payment Bonds, acceptable to the Village, within fifteen (15) calendar days from the date of Notice of Award of contract will be considered just cause for the annulment of the Award and the forfeiture of the bid proposal security to the Village.

5.06 CONFLICTS BETWEEN DIRECTIVES:

Where conflict exists within or between parts of the contract documents and applicable standards, codes or ordinances, the more stringent or higher quality requirements shall apply. Large scale drawings take precedence over smaller scaled drawings, figured dimensions on the drawings over scaled dimensions, and noted materials over graphic representations.

5.06 BID PROPOSAL:

The bidder shall submit a sealed bid proposal on the attached proposal forms. Prices quoted must

be valid for a minimum of sixty (60) days from the date of the bid opening.

Proposals that contain omissions, erasures, alterations, irregularities of any kind, or not accompanied by the proper proposal guaranty may be rejected. However, the owner reserves the right to reject or accept any and all proposals and to waive technical error as may be deemed in the best interest of the Village.

Late bids shall not be considered and will be returned unopened.

(a) Unit Price Bid:

(1) Bidders will be furnished with a unit price bid proposal form, attached to the project manual, stating the items of work contemplated and the approximate estimated quantities. It is the result of careful calculations and is believed to be correct, but it is given only as a basis for comparison of proposals and the award of the contract. The Village does not expressly or by implication agree that the actual quantities involved will correspond exactly therewith; nor shall the bidder plead misunderstanding or deception because of such estimates or of the character, location, or other conditions pertaining to the work. The contractor shall verify these quantities before bidding.

(2) Payment will be based on the actual quantities of work performed in accordance with the contract, at the contract unit prices specified. Refer to IDOT section 104.02 for Alterations, Cancellations, Extensions, Deductions and Extra Work.

(3) The project manual states the date, time and place of filing and opening of bid proposals.

(4) The bidder shall submit a bid proposal on the forms attached hereto after he or she has made the examinations required as part of these general conditions.

(b) Lump Sum Bid: Bidders will be furnished with a lump sum bid proposal form, attached to the project manual, for the work to be performed.

6.00 LAWS, PERMITS AND REGULATIONS:

(a) The contractor shall at all times observe and comply with all federal, state and local laws, regulations, and ordinances. Any complaint, claim or action brought against the contractor for failing to observe or comply with any law, ordinance, or regulation shall be the sole responsibility of the contractor and shall in no way extend to or expose the owner to liability. The contractor shall indemnify and hold harmless the Village from any and all such complaints, claims or actions. In addition, the contractor agrees to comply with all applicable statutes regarding prevailing wage laws.

(b) The contractor shall secure the construction permits and all other permits, licenses, and inspections necessary for the proper execution and completion of the work which are customarily secured after execution of the contract. The Village of Arlington Heights will waive all fees for permits required for proposed work. The contractor is responsible for securing and payment of an Arlington Heights Business License and any State Licensing required to complete the proposed work.

(c) It is not the responsibility of the contractor to make certain that the contract documents comply with applicable laws, statutes, building codes and regulations. However, if the contractor observes that any of the contract documents do not comply with applicable laws, shall promptly notify the Village in writing.

(d) If the contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without notice to the Village, the contractor shall assume full responsibility and shall bear all costs attributable thereto.

(e) All work done under the contract shall be done to the satisfaction of the Village who will in all cases determine the amount of work done which is to be paid for under the contract. The Village will decide all questions that may arise regarding the measurements of quantities and the fulfillments of this contract on the part of the contractor, and will determine all questions concerning the true intent or meaning of the plans and specifications and this determination and decision will be final and conclusive.

(f) The contractor and all subcontractors shall be licensed within the Village of Arlington Heights and the State of Illinois where applicable and shall provide indemnity bonds required by the Village Code.

6.01 PREVAILING WAGE:

Pursuant to the requirements of the State of Illinois Department of Labor, there have been established minimum scales of hourly wages to be paid in each classification of labor under this contract. The contractor and each subcontractor shall pay wages equal to or greater than the established minimum scales or hourly wages as determined by the State of Illinois Department of Labor. The wage rate set forth shall in no way be construed to prevent the contractor or subcontractors from paying a higher rate of wages. If any crafts establish a higher minimum wage in the district during the construction, the higher minimum wage established shall be considered as having also been established as the minimum wage scale under this contract. The contractor shall incorporate all applicable minimum wage rates published prior to the date of the bid opening into the contract documents. It shall be the responsibility of the successful contractor to monitor the prevailing wage rates as established with the Department of Labor for any increase in rates during the project and adjust wage rates accordingly. Prevailing wages rates are available via the internet at www.state.il.us/agency/idol. Contractors/subcontractors are responsible for checking on all rate revisions to the prevailing wage rate act for the contract duration.

Pursuant to 820 ILCS 130/5.1, as of September 1, 2020 all contractors are to submit signed certified payroll to the Illinois Department of Labor during those months when construction on a public works project has occurred for each project awarded. The certified payroll must list all information required by law.

6.02 EMPLOYMENT OF ILLINOIS WORKERS DURING PERIODS OF EXCESSIVE UNEMPLOYMENT (Finance 30 ILCS 570/) Employment of Illinois Workers on Public Works Act:

(a) Whenever there is a period of excessive unemployment in Illinois which is defined herein as any month immediately following two (2) consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded five (5%) percent as measured in the United States Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the contractor shall employ only Illinois laborers. "Illinois laborers" means any person who has resided in Illinois for at least thirty (30) days and intends to become or remain an Illinois resident.

(b) Other laborers may be used when Illinois laborers, as defined herein, are not available, or are incapable of performing the particular type of work involved, if so certified by the contractor and approved by the landscape architect. The contractor may replace no more than three (3) of his regularly employed non-resident executive and technical experts, who do not qualify as Illinois laborers, to do work encompassed by this contract during periods of excessive unemployment.

(c) This provision applies to all labor whether skilled, semi-skilled, whether manual or non-manual.

6.03 EMPLOYMENT PREFERENCE:

The contractor shall comply with "AN ACT to give preference to the veterans of the United States military and naval service in appointments and employment upon public works, by, or for the use of, the State or its political subdivisions, passed by the 59th General Assembly and approved on June 12, 1935, (Chapter 126-1/2, Paragraph 23 of the Illinois Revised Statutes 1965)."

6.04 ILLINOIS HUMAN RIGHTS ACT:

The contractor shall comply with the Illinois Human Rights Act, 775 ILCS 5/1.101, et seq including establishment of sexual harassment policies and program.

6.05 EQUAL EMPLOYMENT OPPORTUNITY:

During the performance of this contract the contractor agrees as follows:

(a) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex national origin or ancestry and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

(b) That if it hires additional employees in order to perform this contract or any portion hereof it will determine the availability (in accordance with the Fair Employment Practices Commission's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

(c) That in all solicitations or advertisements for employees placed by it or on its behalf it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin or ancestry.

(d) That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding a notice advising such labor organization or representative of the contractor's obligations under the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations the contractor will promptly so notify the Illinois Fair Employment Practices Commission and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations there under.

(e) That it will submit reports as required by the Illinois Fair Employment Practices Commission's Rules and Regulations for Public contracts. Furnish all relevant information as may from time to time be requested by the Commission or the contracting agency, and in all respects comply with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.

(f) That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Illinois Fair Employment Practices Commission for purposes of investigation to ascertain compliance with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.

(g) That it will include verbatim or by reference the provisions of paragraphs 1 through 7 of this clause in every performance subcontract as defined in Section 2.10(b) of the Commission's Rules and Regulations for Public Contracts. So that such provision will be binding upon every such subcontractor and that it will also include the provisions of paragraphs 1, 5, 6 and 7. In every supply subcontract as defined in Section 2.10 (a) of the Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors: and further it will promptly notify the contracting agency and the Illinois Fair Employment Practices Commission in the event any subcontractor fails or refuses to comply therewith. In addition no contractor will utilize any subcontractor declared by the Commission to be non-responsible and therefore ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

The Village of Arlington Heights does not discriminate on the basis of handicapped status in admission or access to, or treatment or employment in its programs and activities.

6.06 THE AMERICAN WITH DISABILITIES ACT:

The Americans with Disabilities Act. (42 USC 121-1 et seq.) and its accompanying regulations (28 CFR 35.130) prohibit discrimination against qualified individuals with disabilities by a local government, whether directly or through contractual arrangements, in the provision of any benefit, service, program or activity of the public entity. As a condition of receiving this contract, the contractor certifies by signing the bid proposal form, that any services, programs and activities provided under this contract are now and will continue to be in compliance with the Americans with Disabilities Act.

6.07 SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECTS ACT, (820 ILCS 265/1 et seq):

All contractors and subcontractors must be in compliance with the Substance Abuse Prevention on Public Works Projects At, 820 IL CS 265/1 et seq. Before beginning work on a public works project, contractors and subcontractors shall have in place a written substance abuse prevention program which meets or exceeds the program requirements in the Act and shall file a copy of the program with the Village which will also be made available to the general public. The required testing must be performed by a laboratory that is certified for Federal Workplace Drug Testing Programs by the Substance Abuse and Mental Health Service Administration of the U.S. Department of Health and Human Services.

7.00 CONTRACTOR

7.01 COMPETENCY OF CONTRACTOR:

The contractor shall, when requested by Village, furnish signed statements evidencing responsibility and showing financial ability, experience, amount and condition of equipment and the value of all uncompleted work under contract pertaining to the proper execution of the specified work.

7.02 SUBCONTRACTORS:

A list of anticipated subcontractors, including their firm names, addresses, and telephone numbers, shall be furnished to the Village. A list of subcontractors shall be included with each bid proposal. All subcontractors to be used shall be approved by the Village. Subcontracting any part of the work to be done under this contract shall not under any circumstance relieve the contractor of responsibility for this contract.

7.03 COOPERATION BETWEEN CONTRACTORS:

(a) If separate contracts are let for work comprising an entire project each contractor shall conduct the work so as not to interfere with or hinder the progress or completion of the work being performed by other contractors. In case of dispute, the Village shall be the arbitrator and the Village's decision shall be final and binding.

(b) Each contractor shall assume all liability, financial or otherwise, in connection with the contract and shall protect and save harmless the Village from any and all damages or claims that may arise because of inconvenience, delay, or loss experienced because of the presence and operations of other contractors working within the limits of the same improvement.

(c) The contractor shall, as far as possible, arrange the work and the placement and disposition of the materials being used, so as not to interfere with the operations of the other contractors within the limits of the same improvement. The contractor shall join his or her work with that of the others in an acceptable manner and shall perform it in proper sequence to that of the others, all as directed by the Village.

7.04 COMMENCEMENT OF WORK/USE OF SITE:

The contractor shall confine all equipment, the storage of materials and the operations of workers to limits indicated by law, ordinances, permits or directions of the Village and shall not reasonably encumber the site with materials. The contractor shall enforce the Village's instructions regarding the conduct and use of the site by employees. The contractor shall commence performance of the work on the date indicated on the notice to proceed which date shall be within ten (10) calendar days of the effective date of the contract. Within ten (10) calendar days of the effective date of the contract, contractor shall submit to the Village for review an estimated progress schedule indicating the starting and completion dates of the various stages of the work.

7.05 SUPERINTENDENT:

(a) The contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the project site during the progress of the work. The superintendent shall

represent the contractor and all communications given to the superintendent shall be as binding as if given to the contractor. Important communications shall be confirmed in writing. Other communications shall be so confirmed on written request in each case.

(b) The contractor shall supervise and direct the work efficiently using his or her best skill and attention. The contractor shall be solely responsible for the negligence of others in the design or selection of a specific means, method, techniques, sequence or procedure of Public Improvements / Construction which is indicated in and required by the contract documents. Contractor shall be responsible to see that the finished work complies accurately with the contract documents.

7.06 WORKMANSHIP:

The contractor shall be responsible for high quality workmanship on all items of work. Where workmanship of any job or portion thereof is not acceptable, it shall be removed and replaced at the contractor's expense.

7.07 RESPONSIBILITY:

Responsibility for the maintenance of safe equipment and the use of proper construction methods and procedures shall rest solely with the contractor and subcontractors performing the work and the Village shall not have any responsibility therefore. The Village has the right to ascertain and require that the work product of the contractor and subcontractors complies with the contract.

7.08 CONTRACTOR RESPONSIBILITY TO VILLAGE:

The contractor shall notify the Village representative one (1) calendar day in advance of all grading, drainage, paving operations, shade and ornamental tree staking, and other major items of construction for field checking and approvals to proceed. All questions pertaining to the plans, specifications and details of the work shall be directed to the Village representative and cleared prior to construction.

7.09 HOLD HARMLESS AND INDEMNIFICATION:

To the fullest extent permitted by law, the contractor shall assume all liability for, and shall protect, defend, indemnify and hold harmless the Village, it’s officers, employees, servants, and agents, from and against all claims, actions, suits, judgments, costs, losses, expenses, including but not limited to, fees and charges of attorneys, engineers and architects, court and arbitration costs, and liabilities of whatsoever kind or nature arising out of:

(a) Any infringement (actual or claimed) on any patents, copyrights or trade names by reason of any work performed by the contractor under this contract or by reason of anything to be supplied by the contractor pursuant to this contract.

(b) Bodily injury, including death, sickness or disease, to any person or persons (including contractor's officers, employees, agents, and servants) or damage to or destruction of any property including the loss of use thereof:

(1) caused in whole or in part by any act, error or omission by the contractor or any subcontractor or anyone directly or indirectly employed by any of them;

(2) arising directly or indirectly out of the presence of any person in or about any part of the project site or the streets, sidewalks, and property adjacent hereto;

(3) arising directly or indirectly out of the use, misuse or failure of any machinery or equipment used directly or indirectly in the performance of the contract.

(c) In any and all claims against the Village or any of their agents or employees by any employee of the contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone whose acts may be liable, the indemnification obligation under this section shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the contractor or any subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts. This indemnification does not apply to any liability caused by the Village's negligence.

7.10 ABANDOMENT:

Should the contractor abandon or neglect the work or if the Village at any time is convinced that the work is unreasonably delayed, or that the conditions of the Contract are being willfully violated, executed carelessly, or in bad faith, the Village may notify the Contractor in writing, and if this notification is without effect twenty-four (24) hours after delivery, then the contractor shall discontinue all work under the contract and the owner shall have full authority to make arrangements for the completion of the contract at the expense of the contractor.

7.11 CLEAN UP AND SITE MAINTENANCE:

The contractor shall at all times keep the site and adjoining premises free from accumulation of waste material or rubbish caused by its employees or work, and at the completion of the work, shall remove all rubbish, tools, and surplus materials from the site and adjoining premises, leaving the area in a neat and workmanlike condition. In case of dispute, the Village may remove the rubbish and charge the cost to the contractor as the Village shall determine to be just.

8.00 EXISTING CONDITIONS

(a) Existing conditions including surface features, soil boring data and any underground utilities shown on the plans and/or referred to in the specifications are for informational purposes only and shall not be deemed as part of the plans and specifications. It shall be the contractor's obligation to verify and augment such information and data to fully satisfy as to the conditions under which the work will be done. The contractor shall maintain in operating condition all active utilities encountered in this Public Improvements/Construction.

(b) The contractor shall contact all public utilities involved and have their representative locate pipes, conduits, cables or other facilities before Public Improvements/Construction is started. The Village does not assume responsibility for location or disturbance of utilities or other existing features or conditions encountered on this project. Any replacement or relocation costs shall be the contractor's responsibility, unless otherwise specified.

(c) Contractor shall promptly notify owner in writing of any subsurface or latent physical conditions at the site differing materially from those indicated in the contract documents.

9.00 CHANGES/ALTERATIONS OF CONTRACT WORK AND EXTRA WORK

(a) The Village reserves the right to alter the plans through change orders by adding or deducting from the original quantities as bid without invalidating the contract. All such work shall be

executed under the same conditions as the original contract, except for an extension in time when any such change/alteration results in additional work.

(b) All changes shall be made only when ordered in writing from the owner as follows:

(1) Approval to increase the contract price by not more than $20,000.00 may be exercised by written change order of the Village Manager.

(2) Approval to increase the contract price in all other instances or to extend the contract completion time may only be exercised by written change order signed by the Village President and authorized by a due and proper vote of the Village Board of Trustees.

(c) The value of any change shall be determined by one or more of the following methods:
(1) By an approved lump sum.
(2) By unit prices given in the contract or subsequently agreed upon.
(3) Time and material plus percentage. This method of cost shall be based on the contractor's actual costs for time and material plus an agreed percentage for the contractor's overhead and profit not to exceed 20%. Contractor's actual costs shall be the direct costs for labor, payroll, insurance, payroll taxes, materials, and use of equipment based upon the current "nationally averaged rental rates of construction equipment" as published by the ASSOCIATED EQUIPMENT DISTRIBUTORS.

10.00 PROTECTION OF PERSONS AND PROPERTY

10.01 SAFETY PRECAUTIONS AND PROGRAMS:

The contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work.

10.02 SAFETY OF PERSONS AND PROPERTY:

(a) The contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to:
(1) all employees on the site and all other persons who may be affected thereby;
(2) all the work and all materials and equipment, whether in storage on or off site, under the care, custody, or control of the contractor or any of the subcontractors; and
(3) other property at the site or adjacent to the site, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation, or replacement in the course of Public Improvements/Construction.

(b) The contractor shall give all notices and comply with all applicable laws, ordinances, rules and regulation and lawful orders of any public authority bearing on the safety of persons or property or their protection from damage, injury or loss.

(c) The contractor shall erect and maintain, as required by existing conditions and progress of the work, all reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent utilities.

(d) The contractor shall use proper warning guards and safety devices in the construction area and particularly with respect to open trenches and the storage of construction materials.

(e) No trees, fire hydrants, utility poles, shrubs or hedges, traffic signs, or other public structure shall

be removed, replaced, damaged or destroyed unless the Village has given approval in writing.

(f) The contractor shall conduct construction activities so as not to interfere with, break, cut or otherwise damage any public curb, or public road, pavement or any utility services located alongside of or under or within any public road or public right-of-way area, without a letter of approval from the Village.

(g) Notwithstanding the foregoing requirements, the contractor shall be responsible for taking immediate steps to correct any damage or injury to public structures, utility services, roadways or public buildings as well as any damage or injury to private property as a result of the contractor's activities.

(h) The contractor shall keep a daily record with respect to all injuries, incidents or damage occurring in, on or near the construction site as a result of the construction activities. The contractor shall give this information to the Village within twenty-four (24) hours after the day of occurrence.

(i) The contractor shall keep first aid supplies on the site.

11.00 INSURANCE REQUIREMENTS:

(a) The Contractor shall not commence work until the Contractor has obtained all insurance required in these documents. The Contractor shall purchase and maintain, throughout the duration of the contract, insurance as is appropriate for the work being performed and furnished and shall provide protection from claims which may arise out of or result from the Contractor's performance and furnishing of the work and Contractor's other obligations under the contract documents, whether it is to be performed or furnished by the Contractor, by any Subcontractor, by anyone directly or indirectly employed by them or by anyone for whose acts any of them may be liable.

(b) Insurance required by this Section shall be written with a company having at least an "A" Property-Casualty Rating, and financial size of at least Class 7 as listed in the most recent published A. M. Best's Insurance Guide.

(c) The Village shall be named as additional insured on all policies required by the contract except for Workmen's Compensation insurance. The coverage afforded shall be primary and non-contributory for the additional insured with respect to claims arising out of operations performed by or on behalf on the Contractor. Additional insured: Village Of Arlington Heights, its Officials, Employees, Agents and Volunteers. If the additional insured has other insurance which is applicable to the loss, such as other insurance shall be on an excess or contingent basis. The amount of the Contractor's insurance company's liability under this insurance policy shall not be reduced by the existence of such other insurance. Additional insured status shall be provided by original endorsement as least as broad as CG 20 10 04 13 or CG 20 26 04 13.

(d) As a minimum, the contractor shall secure and maintain the types of insurance as specified, and shall submit evidence to the Village on an annual basis that the insurance coverage's are in force. The form and limits of such insurance, together with the underwriter thereof in each case, shall be acceptable to the Village, but regardless of such acceptance it shall be the responsibility of the Contractor to main adequate insurance coverage until final payment and at all times thereafter when the Contractor may be correcting, removing, or replacing defective work in accordance with the General Conditions and Instruction to Bidders. Failure of the Contractor to

maintain adequate coverage shall not relieve him of any contractual responsibility or obligation.

(e) The Contractor shall forward original copies of the Certificates of Insurance with the coverage's and limits specified annually during the contract period to the Purchasing Division, Finance Department, 33 S. Arlington Heights Road, Arlington Heights, IL 60005.

(f) Insurance Certificates and Policies delivered to the Village shall recite that 30 days prior written notice will be given to the Village by certified mail before any policy is materially changed, canceled, or not renewed.

11.01 WORKER'S COMPENSATION AND EMPLOYERS LIABILITY:

The insurance shall protect the Contractor against all claims under applicable State or Federal Worker's Compensation Laws. The Contractor shall also be protected against claims for injury, disease or death of employees which for any reason may not fall within the provisions of the Worker's Compensation Law. The policy shall include "broad form all states" endorsement coverage extended to cover all states except the monopolistic fund states.

The liability limits shall not be less than:

1. Worker's Compensation……Statutory
2. Employer's Liability…….…….$1,000,000 per occurrence

11.02 BUSINESS AUTO LIABILITY:

The insurance shall be written in automobile liability form and shall protect the Contractor against all claims for injuries to persons and damages to property arising from the ownership, maintenance or use of any motor vehicles and shall cover operation on or off the site of all motor vehicles, whether they are owned, non-owned or hired.

The liability limits shall not be less than:

1. Bodily Injury and Property Damage Combined…….$1,000,000 per occurrence

11.03 COMMERCIAL GENERAL LIABILITY, INCLUDING PREMISES AND OPERATIONS, CONTRACTUAL, PERSONAL INJURY, PRODUCT LIABILITY, COMPLETED OPERATIONS, AND BROAD FORM PROPERTY COVERAGES:

(a) This insurance shall be written in Commercial General Liability form and shall protect the Contractor against all claims arising from injuries to persons or damages to property caused by any act or omission of the Contractor or his agents, employees or Subcontractors. The Contractors General Aggregate shall apply on a per Project basis. The Broad Form General Liability Endorsement shall be included.

(b) In addition, this policy shall contain a Contractual Liability Endorsement covering any Contractual Liability assumed in the Contract and all changes and modifications thereto, whether in writing or oral.

(c) The scope of the coverage shall also include the Personal Injury Hazards including “a”, “b”, and “c”. “a” includes false arrest, malicious prosecution, and unwilful detention or imprisonment. “b” includes libel, slander, and defamation of character. “c” includes wrongful eviction, invasion of privacy, and wrongful entry. Fellow Employee exclusion shall be removed.

(d) The Policy shall also include Broad Form Property Damage Protection.

(e) The Contractor shall include all the Contractor’s employees as additional insured’s under the policy.

(f) Commercial General Liability Coverage shall contain no exclusions for explosion, collapse or underground work (X, C, U).

(g) The liability limits shall not be less than:

1. Bodily Injury and Property Damage, Combined single limit, per occurrence including, Contractual Liability – Broad Form Products and Completed Operations……...$2,000,000

2. Premises/Operations Personal Injury…….$1,000,000

3. General Aggregate……$4,000,000

Products/Completed Operations coverage is to remain in force for a period of two (2) years after the completion of the project.

11.04 UMBRELLA EXCESS LIABILITY:

Special coverage shall be as follows……$2,000,000 over primary insurance

The required coverages may be in combination of primary, excess and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy excess the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

Policy should be written on an occurrence basis.

All underlying coverage needs to be included in the Umbrella or Excess Liability policy. Any exclusions or exceptions must be noted on the certificate of insurance.

11.05 BUILDER’S RISK INSURANCE:

(a) Builder’s Risk insurance shall insure against “All Risk” of physical damage, including earthquake and water damage (flood and hydrostatic pressure not excluded), on a Completed Value Basis. The insurance shall include the interests of the Village, Contractor, and Subcontractors in the Work and will be provided by the Contractor. This policy shall be written

or endorsed to allow the Village to occupy or use a portion or portions of the Work prior to completion of all the Work.

(b) If not covered under the "All Risk" insurance or otherwise provided in the bid documents, the Contractor shall effect and maintain similar property insurance on portions of the Work stored on or off site or in transit, when such portions of the Work are to be included in an Application for Payment.

11.06 OWNERS PROTECTIVE LIABILITY INSURANCE:

Owners Protective Liability Policy shall be a stand-alone policy or an endorsement to the liability policy that covers claims for negligence by a contractor or a subcontractor hired by the insured. The policy limit shall be not less than $1,000,000 per occurrence and the named insured on the policy shall be the Village of Arlington Heights.

12.00 PAYMENTS AND COMPLETION

12.01 PROGRESS PAYMENTS:

The contractor may request progress payments, based on estimates of work on the first of each month. The estimate shall be a sworn statement (similar to Practical Business Form #589 by Frank R. Walker Co., Chicago) of the work completed to date. The form of the estimate for progress payment requests shall be as follows:

(a) Unit Price: When the contract work has been awarded on a unit price bid basis, the forms of each estimate shall follow the bid proposal form, listing each item number, the total quantity of units completed to date, the unit price and subtotal. The sub-total column shall be added to show the total cost of work completed to date, less ten (10) percent to be withheld giving the total amount requested for payment. Previous requests for payment paid by the Village shall be shown on each subsequent request and subtracted after the ten (10) percent has been withheld.

(b) Lump Sum: When the contract work has been awarded on lump sum bid basis, the form of each estimate will include the contractor's breakdown of job items with a total value given to each item. The estimate for the items of work completed to date shall be expressed as a percent of the total with the corresponding cost of work, the work completed to date, less ten (10) percent to be withheld, giving the amount requested for payment. Previous requests for payment paid by the Village shall be shown on each subsequent request and subtracted after the ten (10) percent has been withheld.

12.02 PAYMENTS WITHHELD:

The Village may refuse payment or, because of subsequently discovered evidence or subsequent observations, may nullify the whole or any part of any payment, to such extent as may be necessary to protect the Village from loss because of:

(a) defective work not remedied.

(b) third party claims filed or reasonable evidence indicating probable filing of such claims.

(c) failure of the contractor to make payments properly to subcontractors for labor, materials, or equipment.

(d) reasonable evidence that the work cannot be completed for the unpaid balance of the contract sum.

(e) damage to the Village or another contractor.

(f) reasonable evidence that the work cannot be completed within the contract time, for failure to realize that "time is of the essence".

(g) persistent failure to carry out the work in accordance with the contract documents.

12.03 WAIVER OF LIEN:

The contractor shall promptly pay each subcontractor the amount entitled. The contractor shall by an appropriate agreement with each subcontractor also require each subcontractor to make payments promptly to subcontractors. Partial waivers of lien shall accompany each payment request to cover the full amount of the previous payment request except for the final payment which shall contain final waivers of lien from the contractor and all subcontractors. The contractor shall get from every subcontractor and supplier of materials or labor a partial waiver of lien to release the Village of any claim for a lien, which they or any of them may have under the Illinois Lien Laws and Public Construction Bond Act. Any payments made by the Village without requiring strict compliance of the terms of this paragraph shall not be construed as a waiver by the Village of the right to insist upon strict compliance of the terms of this paragraph as a condition of later payments. The contractor shall indemnify and hold the Village harmless from all claims of subcontractors, laborers, workmen, mechanics, materialmen and furnishers or material and parts thereof, equipment, tools and all supplies incurred in the furtherance of the performance of the work. Failure to supply waivers of lien or acceptable evidence of payment of all current accounts incurred by this contract work shall be grounds for withholding payment.

12.04 PAYMENTS BY THE OWNER:

Thirty (30) days after issuance and delivery of a request for payment to the Village, the Village will approve or disapprove the request. The amount approved will become due and will be paid by the Village to the Contractor within thirty (30) days after the date of approval.

12.05 TAXES:

No charges will be allowed for taxes from which the Village is exempt. The Village is not liable for the Illinois Retailer's Occupation Tax, the Service Occupation Tax nor the Service Use Tax. The Village is also exempt from Federal Excise Transportation Tax.

12.06 FINAL PAYMENT:

(a) Upon written notice by the contractor that the work is completed and ready for final inspection and acceptance, the Village will make the required inspection and determine final completion. Any remedies to the work shall be noted and submitted in writing by the Village to the contractor. After making any required remedies, the contractor will submit a request for final

payment.

(b) As a condition of final payment, the contractor shall submit affidavits and final waivers of lien from itself and each subcontractor indicating that all bills for payrolls, materials, equipment or other indebtedness have been satisfied.

(c) The final payment, as well as the completed work, will be reviewed by the Village for final approval and release of retention.

12.07 CORRECTION OF WORK AFTER FINAL PAYMENT:

The final payment or any provision in the contract documents shall not relieve the contractor of the responsibility for the correction of any and all defects in the work performed. The contractor warrants and guarantees to the Village that all work will be in accordance with the contract documents and will be free from defects in materials and workmanship for a period of one (1) year after the date of final payment.

13.00 LIQUIDATED DAMAGES

13.01 LIQUIDATED DAMAGES:

Time is of the essence of this contract. Liquidated damages will be assessed against the contractor for failure to complete the work within the time(s) specified in these contract documents. If the contractor fails to complete the work in whole or in part in the time stipulated in the contract or within such extra time as may have been allowed for unavoidable delays or extensions granted for changes in the work, the contractor shall reimburse the Village for the additional expense and damage in the amount of $1,425 for each calendar day, Sundays and legal holidays included. It is expressly understood and agreed that this amount is not to be considered in the nature of a penalty but as liquidated damages which have accrued against the contractor. The Village shall have the right to deduct such damages from any amount due or that may become due to the contractor or the amount of such damages shall be due and collectible from the contractor or his contractors.

13.02 SUSPENSION OF THE WORK:

The Village may at any time without cause suspend the work or any portion thereof for a period of not more than ninety (90) days by notice in writing to the contractor. The contractor shall resume the work on the date fixed in the notice. The contractor may be allowed an increase in the contract price or an extension of the contract time or both directly attributable to any suspension if the contractor makes a claim as provided in Section 9.00. The Village may also suspend the work for cause upon the occurrence of any one or more of the following events:

(a) If the contractor fails to supply a qualified superintendent, sufficient skilled workers, subcontractors or suitable materials or equipment.

(b) If the contractor repeatedly fails to make prompt payments to subcontractors or for labor, materials or equipment.

(c) If the contractor disregards laws and regulations of any public body having jurisdiction of the work.

No additional compensation will be paid to the contractor nor shall the contract completion time be extended if the Village suspends work for cause. If it becomes necessary to suspend the work for an indefinite period of time, the contractor shall store all materials in a manner that will not obstruct or impede the traveling public unnecessarily or damaged the material in any way. The contractor will prevent damage or deterioration of the work performed, provide suitable drainage of the roadway and erect temporary structures where necessary. The contractor shall not suspend work without authority from the Village

13.03 TERMINATION OF THE CONTRACT:

The Village may terminate the contract if any of the following events occur:

(a) The contractor commences a voluntary case under any chapter of the Bankruptcy Code or the contractor takes any equivalent or similar action by filing a petition or otherwise under any federal or state law in effect at such time relating to bankruptcy or insolvency.

(b) If a petition is filed against the contractor under any chapter of the Bankruptcy Code or if a petition is filed seeking any such equivalent or similar relief against the contractor under any other federal or state law in effect at the time relating to bankruptcy or insolvency.

(c) If the contractor makes a general assignment for the benefit of creditors.

(d) If a trustee, receiver, custodian or agent of the contractor is appointed to enforce a lien against the contractor’s property or for the purpose of general administration of the property for the benefit of the contractor's creditors.

(e) If the contractor admits in writing an inability to pay its debts generally as they become due.

(f) If the contractor persistently fails to perform the work in accordance with the contract documents, including, but not limited, to failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the progress schedule established herein.

(g) If the contractor disregards laws and regulations of any public body having jurisdiction over the work.

(h) If the contractor disregards the authority of the Village.

(i) If the contractor otherwise violates in any substantial way any provisions of the contract documents.

The Village may, after giving contractor and its sureties seven (7) calendar days written notice and to the extent permitted by laws and regulations, terminate the services of the contractor, exclude the contractor from the site and take possession of the work and all the contractor's tools, appliances, construction equipment and machinery at the site and use the same to the full extent

as they could be used by the contractor without liability to the contractor for trespass or conversion.

The contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the contract amount exceeds the direct, indirect and consequential cost of completing the work, including but not limited to fees and charges of engineers, architect, attorneys and other professionals, the excess shall be paid to the contractor. If such costs exceed the unpaid balance, the contractor shall pay the difference to the owner. When exercising any rights or remedies under this paragraph, Village shall not be required to obtain the lowest figure for the work performed. If the Village terminates the contractor's services the termination will not affect the Village's right or remedies against the contractor. Any retention or payment due contractor by Village will not release the contractor from liability.

(i) Upon seven (7) calendar days written notice to the contractor, the Village may, without cause and without prejudice to any other right or remedy elect to abandon the work and terminate the agreement. In such case, the contractor shall be paid for all work executed and all expense sustained plus reasonable termination expenses.

VILLAGE OF ARLINGTON HEIGHTS
AFFIDAVIT OF COMPLIANCE

Applicant _____
Name

_____
Address

As a condition of entering into a contract with the Village of Arlington Heights, and under oath and penalty of perjury and possible termination of contract right and debarment, the undersigned, _____, being first duly sworn on oath, deposes and states that he or she is _____ (sole owner, partner, joint ventured, President, Secretary, etc..) of _____ and has the authority to
(Name of Company)
make all certifications required by this affidavit.

Section I

Non Collusion

The undersigned certifies that this bid is genuine and not collusive or sham, that said bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person, to fix the bid price element of this bid, or of that of any other bidder, or to secure any advantage against any other bidder or any person interested in the proposed contract.

Section II

Bid Rigging and Rotating

The undersigned hereby certifies that it is not barred from bidding or contracting as a result of a conviction for violations of state laws prohibiting bid rigging or bid rotating or any similar offense of any state of the United States.

Section III

Illinois Drug Free Workplace Act

The undersigned further states that _____ provides a
(Name of Company)
drug free workplace pursuant to Illinois Statues, 30 ILCS 580/1, et seq and provides compliance with necessary requirements.

Section IV

Tax Payment

The undersigned further states that _____ is not
(Name of Company)
delinquent in payment of any taxes to the Illinois Department of Revenue, in accordance with Illinois Compiled Statues, 65 ILCS 5/11-42.1. The undersigned understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition voids the contract and allows the municipality to recover all amounts paid to the individual or entity under the contract in civil action.

It is expressly understood the foregoing statements and representations and promises are made as a condition to the right of the bidder to receive payment under any award made under the terms and provisions of this bid.

The undersigned certifies that all the information contained in the Affidavit is true and correct.

Signed by: _____
(Name)
(Title)

Subscribed and sworn to before me this _____day of _____ 20___, AD.

By: _____
(Notary Public)

-Seal-

VILLAGE OF ARLINGTON HEIGHTS
INDEMNITY HOLD HARMLESS AGREEMENT

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify and hold harmless the Village of Arlington Heights, its Board of Trustees, officers, agents and employees from any and all liability, losses or damages the Village may suffer as a result of claims, demands, suits, actions or proceedings of any kind or nature in any way resulting from or arising out of any action on the part of the Contractor or any Subcontractor. The Contractor shall, at its own expense; appear, defend and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connections therewith, and, if any judgment shall be rendered against the Village of Arlington Heights, its Board of Trustees, officers, agents and employees, in any such action, the contractor shall, at its own expense, satisfy and discharge the same. This indemnification does not apply to liability caused by the Village's own negligence.

The Contractor expressly understands and agrees that any insurance policies required by this contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Village of Arlington Heights, its Board of Trustees, officers, agents and employees as herein provided.

CONTRACTOR:_____

By: _____

VENDOR QUESTIONNAIRE

Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-Mail: _____

Commodity: _____ Years in Business: _____

DBE (Disadvantaged Business Enterprise) Classification: Please indicate your DBE classification below, and provide any agency certifications you have received.

- ☐ MBE (Minority-Owned Business Enterprise): A business that is at least 51 percent owned by one or more minorities. A person who is a U.S. citizen or lawful permanent resident and is African American, Hispanic American, Asian American, Native American, as well as other groups found to be disadvantaged pursuant to Section 8 (a) of the Small Business Act.
- ☐ WBE (Women-Owned Business Enterprise): A business that is at least 51 percent owned by a woman or women who are United States Citizens or lawful permanent residents of the United States.
- ☐ DOBE (Disability-Owned Business Enterprise): A business that is at least 51 percent owned by a person or group of persons with a disability, as recognized by the Americans with Disabilities Act.
- ☐ VOSB (Veteran-Owned Small Business): A business that meets the qualifications to be a small business according to the SBA, and is at least 51 percent owned, operated and controlled by a veteran.
- ☐ Not Applicable

Certifications:
Agency/Institution:_____

Phone: _____ Approval Date: _____

I hereby certify that the information supplied in this form is complete and correct to the best of my knowledge and belief. I authorize The Village of Arlington Heights to verify any of this information as needed.

Signature: _____ Title: _____

Name: _____ Date: _____

VILLAGE OF ARLINGTON HEIGHTS, ILLINOIS
ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS
BID PROPOSAL

The undersigned submits herewith his schedule of prices covering the work to be performed under this contract; he understands that he must show in the schedule the unit prices for which he proposes to perform each item of work, that the extensions must be made by him, and that if not so done his proposal may be rejected as irregular.

BASE BID

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	PRECONSTRUCTION SURFACE VIDEO RECORDING	LS	1		
2	MOBILIZATION AND ACCESS	LS	1		
3	CONSTRUCTION LAYOUT	LS	1		
4	CHANGEABLE MESSAGE SIGN	CAL DA	196		
5	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,467		
6	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	100		
7	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	2,000		
8	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	500		
9	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	250		
10	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	100		
11	TEMPORARY CONCRETE BARRIER	FOOT	230		
12	PINNING TEMPORARY CONCRETE BARRIER	EACH	50		
13	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	150		
14	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1		
15	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1		
16	BARRIER WALL REFLECTORS, TYPE C	EACH	75		
17	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	500		
18	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
19	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	25		
20	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	25		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
21	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	11		
22	TEMPORARY INFORMATION SIGNING	SQ FT	548		
23	BYPASS PUMPING	LS	1		
24	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SF	80		
25	THERMOPLASTIC PAVEMENT MARKINGS - LINES 4"	LF	710		
26	THERMOPLASTIC PAVEMENT MARKINGS - LINES 6"	LF	320		
27	THERMOPLASTIC PAVEMENT MARKINGS - LINES 12"	LF	50		
28	THERMOPLASTIC PAVEMENT MARKINGS - LINES 24"	LF	50		
29	THERMOPLASTIC PAVEMENT MARKINGS - DOUBLE YELLOW LINES 4"	LF	670		
30	RAISED REFLECTIVE PAVEMENT MARKER, TYPE B	EA	69		
31	REPLACE STREET LIGHT WIRING	LF	100		
32	STABILIZED CONSTRUCTION ENTRANCE	EA	1		
33	DETECTOR LOOP REPLACEMENT	LF	300		
34	INLET FILTERS	EACH	44		
35	SILT FENCE	LF	400		
36	SANITARY LATERAL, OPEN CUT, 6", PVC, ASTM D3034, SDR 26	LF	139		
37	SANITARY SEWERS, OPEN CUT, 8", PVC, ASTM D3034, SDR 26, 8 TO 16 FT DEEP	LF	693		
38	SANITARY SEWERS, OPEN CUT, 12", PVC, AWWA C900, DR 25, 8 TO 12 FT DEEP	LF	35		
39	SANITARY SEWERS, OPEN CUT, 12", VCP, ASTM C4, C700, 24 TO 28 FT DEEP	LF	23		
40	SANITARY SEWERS, OPEN CUT, 15", PVC, AWWA C900, DR 25, 12 TO 16 FT DEEP	LF	20		
41	SANITARY SEWERS, OPEN CUT, 24", PVC, AWWA C900, DR 25, 12 TO 20 FT DEEP	LF	2,704		
42	STORM SEWERS, OPEN CUT, 12", RCP, CLASS IV, 0 TO 8 FT DEEP	LF	229		
43	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP	EA	1		
44	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 12 TO 16 FT DEEP	EA	3		
45	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 16 TO 20 FT DEEP	EA	5		
46	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, 12 TO 16 FT DEEP	EA	1		
47	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, 16 TO 20 FT DEEP	EA	1		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
48	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 8 TO 12 FT DEEP	EA	1		
49	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 16 TO 20 FT DEEP	EA	2		
50	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 16 TO 20 FT DEEP	EA	1		
51	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ OUTSIDE DROP, 24 TO 28 FT DEEP	EA	1		
52	STORM MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP	EA	1		
53	STORM CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME & GRATE, OPEN LID, 0 TO 8 FT DEEP	EA	1		
54	CONNECTION TO EXISTING MANHOLE	EA	1		
55	CORE INTO EXISTING MWRD MANHOLE	EA	1		
56	ABANDON STRUCTURES	EA	7		
57	PLUG PIPE	EA	2		
58	ABANDON SANITARY SEWER - FLOWABLE FILL	CY	178		
59	TRENCH BACKFILL - CA-6	CY	10,171		
60	TRENCH BACKFILL - FA-6	CY	2,176		
61	SANITARY SEWER SERVICE CONNECTION	EA	4		
62	ADDITIONAL SANITARY SEWER SERVICE REPLACEMENT	LF	20		
63	WATERMAIN ADJUSTMENT	LF	110		
64	LINE STOP, 8''-12''	EA	4		
65	SEED AND BLANKET	SY	124		
66	SALT TOLERANT SOD	SY	70		
67	TOPSOIL FURNISH AND PLACE, 4"	SY	70		
68	STORAGE AREA RESTORATION	EA	1		
69	CONCRETE CURB REMOVAL AND REPLACEMENT (B6.12)	LF	45		
70	CONCRETE CURB REMOVAL AND REPLACEMENT (B6.24)	LF	140		
71	PORTLAND CEMENT CONCRETE SIDEWALK	SF	794		
72	COMMERCIAL PORTLAND CEMENT CONCRETE DRIVEWAY	SY	31		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
73	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT	SY	13		
74	PCC BASECOURSE, 10"	SY	4,835		
75	HMA SURFACE COURSE IL-9.5 , MIX "D" N70, 2"	TON	130		
76	HMA SURFACE COURSE IL-9.5 , MIX "D" N70, 2.5"	TON	460		
77	BITUMINOUS MATERIALS (TACK COAT)	LBS	2,062		
78	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINTS	SY	168		
79	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	CY	100		
80	NON-SPECIAL WASTE DISPOSAL	CY	100		
81	CONTINGENT CASH ALLOWANCE	L SUM	1		

TOTAL BASE BID: _____

.....

(TOTAL BASE BID IN WRITING)

Company name: _____

Address: _____

_____

Signature: _____

Print Name: _____

Title _____

Email address: _____

Phone number: _____

Date: _____

Illinois Department of Transportation

Affidavit of Availability

For the Letting of 05/22/25

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

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Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
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Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
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Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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Type of Work					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

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this _____ day of _____ , _____

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(Signature of Notary Public)

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(Notary Seal)

☐ Add pages for additional contracts

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Subcontract Price					
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(Signature of Notary Public)

My commission expires _____

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VILLAGE OF ARLINGTON HEIGHTS, IL

ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS

SPECIAL PROVISIONS

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APPENDIX A: GEOTECHNICAL REPORT DATED JULY 30, 2024 & LPC 663 CCDD CERTIFICATIONS

PROJECT SPECIAL PROVISIONS
FOR
ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022 (referred to hereinafter as the Standard Specifications); the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2025; the latest edition of the "Illinois Manual on Uniform Traffic Control Devices For Streets and Highways" (IMUTCD); and the "Standard Specifications for Water and Sewer Construction in Illinois", 8th Edition, 2020 (referred to hereinafter as the Water and Sewer Specifications). In case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern. Where no conflict exists, the said Specifications shall apply to this Contract as if repeated in their entirety herein.

DEFINITIONS

Contractor. The individual, firm, partnership, joint venture, or corporation contracting with the Village of Arlington Heights for performance of the prescribed work.

Department, Owner or Village. The Village of Arlington Heights, Cook County, Illinois.

Engineer. The authorized representative of the Village of Arlington Heights in immediate charge of the engineering details of a construction project.

LOCATION OF PROJECT

The proposed work is officially known as the "Algonquin Road Sewer Capacity Improvements" project. The project involves various utility improvements along Algonquin Road from Cedar Glenn Drive to Busse Road and Dempster Street from Algonquin Road to Busse Rd.

DESCRIPTION OF PROJECT

The project involves installing 2,704 feet of 24-inch PVC pipe along westbound Algonquin Road between Busse Road and South Cedar Glen Drive, 693 feet of 8-inch PVC pipe on Dempster Street between Busse Road and West Algonquin Road, and 23 feet of 12-inch VCP pipe at the intersection of Busse Road and westbound Algonquin Road. The scope of work includes providing all necessary materials, labor, and equipment for the construction of new sanitary sewers using open-cut excavation, constructing new manholes, reconnecting laterals, abandoning the existing sanitary sewer, restoring roadways, implementing traffic control measures, and completing any other

miscellaneous tasks required to finish this improvement in accordance with the Plans, Standard Specifications, and Special Provisions.

GEOTECHNICAL ASPECTS

A geotechnical study was undertaken for the design of this project. The Geotechnical Services Report can be found in Appendix A and includes the following:

- Geotechnical Report for the proposed sanitary interceptor sewer pipeline replacement project, dated July 30th, 2024

- LPC 663 CCDD certifications

GENERAL SPECIAL PROVISIONS

QUALIFICATIONS OF BIDDERS

Bidders will comply with all applicable Federal, State and local laws and requirements, and will further meet the qualifications prescribed in this and other applicable portions of these provisions.

Bidder, in submitting a Bid, certifies that Bidder is in compliance with all applicable Federal, State and local laws and requirements, and that Bidder further meets the qualifications prescribed in this and other applicable portions of these provisions. Engineer's determination as to the compliance and qualifications of the Bidder will be final, and Bidder, in submitting a Bid, agrees to be bound by that determination.

Bidder, in submitting a Bid, certifies that Bidder is in compliance with the following requirements and qualifications. Bidder further certifies that Bidder is able to provide written evidence of Bidder's compliance with the following requirements and qualifications. Bidder shall, upon request by Engineer, submit such written evidence within five (5) calendar days of the Engineer's request, as well as any other written evidence which Engineer may deem necessary for the purpose of evaluating Bidder's qualifications.

(a) Bidder shall be qualified to do business in the State of Illinois.

(b) Bidder shall possess either a valid Federal Employer Tax Identification Number (FEIN) or a valid Social Security Number (SSN).

(c) Bidder shall be able to provide a street address and description of the Bidder's place of business, and the mailing address of the business, if different from the street address.

(d) Bidder shall be able to provide the number of years Bidder has been engaged in the contracting business under the present firm name, and the name of the state where incorporated.

(e) Bidder shall be able to provide a list of the property and equipment available to the Bidder.

(f) Bidder shall be able to provide a financial statement demonstrating that the Bidder has the financial resources to meet all obligations related to the Work.

(g) Bidder shall maintain insurance policies with the coverages required by the Contract, and with the minimum limits of coverage required by the Contract. Bidder shall be able to provide current certificate(s) of insurance for the insurance policies held by Bidder, demonstrating that Bidder holds insurance

policies with the coverages required by the contract, and with the minimum limits of coverage required by the Contract.

(h) Bidder shall have constructed a minimum of three (3) projects of a similar nature in the immediate past five (5) years. Bidder shall be able to provide a list of all projects of a similar nature constructed by Bidder in the immediate past five (5) years, which list shall contain the minimum of three (3) such projects, which list shall provide a description and the location(s) of all such projects, and shall contain the Bidder's performance record and references, as well as the names and current contact information, including addresses and telephone numbers, of persons who acted as owners' representatives for those projects and who have knowledge of those projects, and whom Bidder agrees the Village may contact for the purpose of verifying Bidder's performance and references.

(i) Bidder shall be able to provide a list of three (3) references (name, address and telephone number) with knowledge of the integrity and business practices of the bidder. Such references may not be persons who have been employed by Bidder as employees.

(j) Bidder shall be able to provide a list of projects presently under Contract, the awarded Contract amount of each, the approximate adjusted Contract amount of each (if applicable), and the dollar amount or percent of completion of each.

(k) Bidder shall be able to provide a list of Contracts which have resulted in lawsuits, whether against Bidder as a prime contractor, against Bidder as a subcontractor, or against Bidder as a party in any other capacity; or against subcontractors or suppliers performing work for Bidder or under Contract held by Bidder.

(l) Bidder shall be able to provide a list of Contracts defaulted.

(m) Bidder shall be able to provide a statement indicating whether or not Bidder has ever filed bankruptcy.

(n) Bidder shall be able to provide a list of all officers of the firm, which list shall also indicate those officers who, while in the employ of the firm or in the employ of previous firms, were associated with Contracts which resulted in lawsuits, Contracts defaulted, or firms which filed for bankruptcy.

(o) Bidder shall maintain personnel guaranteed to be employed in the responsible charge of the Work, which personnel possess sufficient technical experience to ensure the satisfactory completion of the Work. Bidder shall be able to provide the names and technical experience of such personnel, as well as statements as to whether the personnel have or have not performed

satisfactorily on other contracts of like nature and magnitude or comparable difficulty at similar rate of progress.

(p) Bidder shall be able to provide a list of subcontractors and suppliers anticipated to be employed by Bidder for the purpose of completing the Work, including the firm name, street address and description of place of business; mailing address of business (if different); phone, fax and e-mail contact information of business; name of primary contact; and a list of any projects or contracts for which Bidder currently owes monies to said firm, which list shall include a description of the project or contract, the amount currently due to said firm, the period of time for which those monies have been owed, and the expected date of payment of those monies.

(q) Bidder shall participate in active apprenticeship and training programs approved by and registered with the United States Department of Labor Bureau of Apprenticeship and Training for each of the trades of work contemplated under the Contract. Bidder shall be able to provide evidence of Bidder's participation in such apprenticeship and training programs.

(r) Bidder shall only employ subcontractors who meet the requirements prescribed in this section and other sections of these specifications.

(s) Bidder shall be able to provide such other information as may assist the Village in determining whether the Bidder is adequately prepared to fulfill the Contract.

These requirements and qualifications are not intended to discourage bidding, to make it difficult for qualified Bidders to submit Bids, or to discourage beginning contractors. The purpose of these requirements and qualifications is to allow the Village to obtain sufficient information about Bidder's financial state, available equipment, personnel, and previous work experience so that the Village may mitigate the hazards involved in awarding contracts to parties who may not be qualified to perform the Work as specified.

CLARIFICATION OF CONTRACT DOCUMENTS

Requests for interpretations of the Bid Documents shall be made in writing, addressed to the Owner, and shall be received by May 14th, 2025 at 4:00 p.m. All interpretations and supplemental instructions will be in the form of written addenda to the Bid Documents.

A copy of such addendum will be mailed to all bidders known to the owner. Bidders will provide written acknowledgment of receipt of each addendum issued with the bid submission. Failure to acknowledge receipt of the addenda may be cause for rejection of the bid. The information shall also be placed on file and be made available to the public per the Freedom of Information Act. Oral explanations will not be made. No addenda shall be issued later than May 16th, 2025 at 4:00 p.m.

SUBCONTRACTORS

Add the following to the end of Section 108.01 of the Standard Specifications:

"The apparent low Bidder will submit to the Engineer within ten calendar days after the receipt of bids, a list of the names of Bidder's proposed subcontractors along with a description of the work to be performed by each."

COMPLETION OF PROJECT

All work shall be substantially completed and the roadway fully open to traffic as specified with these contract documents, less punch list items by **November 14th, 2025**.

Substantial completion is defined as all sewer and hard surfaces installed and in service.

The Contractor shall begin once the Notice of Award is received from the Village and the countdown of calendar days shall begin the following day. The Notice of Award will be determined by the Village Board and under no condition shall the Contractor start work without prior approval from the Village.

Punch list items, including Final Inspection per Article 105.13 of the Standard Specifications, are to be completed by **November 29th, 2025.** In the event the Contractor does not complete the work within the specified calendar days allotted by the contract, then Article 108.09 of the Standard Specifications shall apply except that "working days" will be replaced with "calendar days" in the specified article. Liquidated damages will accrue at a per calendar day rate defined by the table in Article 108.09 of the Standard Specifications.

LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC

If at any time any Notices of Lien are filed for labor performed or materials or equipment manufactured, furnished, or delivered to or for the Work, the Contractor shall, at his own cost and expense, promptly discharge, remove or otherwise dispose of the same in a manner satisfactory to the Village, and until such discharge, removal or disposition, the Village shall have the right to retain from any moneys payable hereunder an amount which, in its sole judgment, it deems necessary to satisfy such liens and pay the costs and expenses, including attorney's fees and expenses, of defending any actions brought to enforce the same or incurred in connection therewith or by reason thereof.

If at any time there is evidence of any claims for which the Contractor is or may be liable or responsible hereunder, the Contractor shall promptly settle or otherwise dispose of the same, and until such claims are settled or disposed of, the Village may retain from any moneys due the Contractor an amount which would settle or otherwise dispose of such claims and pay the costs and expenses, including attorney's fees and expenses, of

defending any actions brought to enforce the same or incurred in connection therewith or by reason thereof.

The Contractor is required to submit all documents (bonds, insurance) within 10 days of the date of the Notice of Award.

LIABILITY INSURANCE – ADDITIONAL NAMED INSURED

In addition to the Village of Arlington Heights, the Contractor is to add the following as additional named insured.

- The Village of Mount Prospect,
- RJN Group Inc,
- Cook County DOT,
- IDOT
- ComEd
- MWRD.

This list is not exhaustive, and other agencies may need to be added. See 11.06 of the front-end documents. PROSECUTION AND PROGRESS

The Contractor shall not begin the work to be performed under the contract without authorization from the Village to proceed with the work and shall commence work not later than 10 days after receiving the authorization to proceed.

After the award of the contract and prior to the commencement of work, a pre-construction meeting shall be attended by representatives of the Village and Contractor. The Contractor's representatives shall include the General Superintendent to be assigned to the project. The purpose of the pre-construction conference shall be to review the general requirements of the work, to establish mutually acceptable procedures for progress schedules and to agree on a schedule of routine meetings between the Village, Engineer and Contractor. At the time of the Pre-Construction Meeting, the Contractor will be required to furnish, at a minimum, the following items:

- Written progress schedule,
- Names of Project Manager and Field Superintendent,
- Names of subcontractors and material suppliers,

- Name and contact number of person responsible for traffic control,
- Name of the contact person and emergency phone numbers of the Contractor's representative for contact after construction hours,
- Review of Project Staging, discussion of any changes proposed by Contractor.

WORKING HOURS

Project working hours are 7AM to dusk.

Contractor will not permit the performance of Work outside these working hours without Owner's written consent, which may be given after prior written request to Engineer, except as otherwise required for the safety of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents.

If Contractor permits the performance of Work outside these working hours, Contractor will compensate Owner for the costs of inspection and other services provided by Engineer. Owner will determine the rates at which such inspection and other services are to be compensated. Owner will determine the interval or intervals at which billing will take place, and may, at Owner's discretion, submit invoices for payment to Contractor, or deduct the costs from any monies due or to become due to the Contractor from Owner.

The Contractor shall reimburse the Village (pursuant to a setoff against any amounts due to the Contractor) for costs incurred by the Village for administration, engineering, inspection or supervision as a result of the Contractor canceling or rescheduling work without giving sufficient notice to the Resident Engineer. For purposes of this section, "sufficient notice" shall mean a notice given to the Resident Engineer at or before 2:30 P.M. on the weekday (Monday through Friday) immediately prior to the day on which the work in question is being cancelled or rescheduled, was to have taken place.

HOLIDAYS

Revise the list of legal holidays in Article 107.09 of the Standard Specifications to read:

New Year's Day	Labor Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

EASEMENT AND ACCESS AGREEMENTS

The Village will obtain easements and access agreements for all work to be performed within private property (outside public right-of-way). Working easements shall be staked

by the Village prior to commencement of construction. Extreme caution shall be exercised to protect the existing trees, signs, light posts, etc. within or near the limits of all work. This shall be considered incidental to the Contract.

MAINTENANCE GUARANTEE

The Contractor shall execute and deliver to the Village, before final payment will be issued, a written warranty, in a form satisfactory to the Village, which guarantees that the work is in accordance with the Contract Documents and will not be defective. This warranty shall guarantee this work for a period of one year from the date of acceptance of the work and final payment by the Village.

The Contractor shall furnish a warranty bond in an amount equal to ten percent (10%) of the contract amount, or $100,000, whichever is greater, by a surety satisfactory to the Village to guarantee Contractor's warranty to repair defective work.

If within the guarantee period, any work is found to be defective, as determined by the Village, the Contractor shall promptly and without cost to the Village, correct or repair such defective work, or remove and replace the defective work in accordance with the Special Provisions for the items in question.

BID PRICE LIMITATIONS

The bid price for PRECONSTRUCTION SURFACE VIDEO RECORDING shall not exceed one (1) percent of the total bid price. If the bid price for PRECONSTRUCTION SURFACE VIDEO RECORDING exceeds one (1) percent of the total bid price, the Village may reject the Bid.

The bid price for CONSTRUCTION LAYOUT shall not exceed two (2) percent of the total bid price. If the bid price for CONSTRUCTION LAYOUT exceeds two (2) percent of the total bid price, the Village may reject the Bid.

The bid price for TRAFFIC CONTROL AND PROTECTION shall not exceed ten (10) percent of the total bid price. If the bid price for TRAFFIC CONTROL AND PROTECTION exceeds ten (10) percent of the total bid price, the Village may reject the Bid.

The bid price for MOBILIZATION AND ACCESS shall not exceed five (5) percent of the total bid price. If the bid price for MOBILIZATION AND ACCESS exceeds five (5) percent of the total bid price, the Village may reject the bid.

Bidder, in submitting a Bid, certifies that the Bid is in compliance with these requirements. The Village's determination as to whether or not to reject a Bid that does not comply with these requirements will be final, and Bidder, in submitting a Bid, agrees to be bound by that determination.

CONSTRUCTION SAFETY AND HEALTH STANDARDS

It is a condition of this contract and shall be made a condition of each subcontract entered into pursuant to this contract that the Contractor and any Subcontractor shall not require any laborer or mechanic employed in performance of that contract to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous to their health or safety, as determined under Federal Construction Safety and Health Standards.

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985
Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Contract.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the “Standard Specifications”.

RESPONSIBILITY FOR VANDALISM

The contractor shall be responsible for the defacement of any concrete pours before they have set up. Concrete pavement, sidewalk, driveway, or curbing that has been defaced, in the opinion of the Engineer, shall be removed and replaced by the contractor at Contractor’s own expense.

SHOP DRAWINGS AND SUBMITTALS

Prior to fabrication of materials, the Contractor shall submit shop drawings of the materials to the Engineer for review. Shop drawings shall consist of complete descriptive literature on the materials including all pertinent dimensions, material specifications, and data. Prior to submitting shop drawings to the Engineer, the Contractor shall first review the shop drawings and make corrections or revisions which are appropriate. A minimum of three (3) copies of shop drawings must be submitted. Two (2) of the copies submitted shall be retained for use by the Engineer and Owner, and the remaining copies shall be returned to the Contractor. The Contractor shall be required to maintain a complete set of shop

drawings on the job site at all times while work is in progress and shall make them available to the Engineer upon request.

Submit the following shop drawings, certifications and samples required in the specifications:

1. Construction progress schedule: (1) electronic copy
    a. Initial work schedule
    b. Revisions to work schedule
2. Pre-construction surface televising: (1) electronic copy
3. Material Data Sheet Submittals: (1) electronic copy. All materials data sheets are to be submitted to the Engineer and approved before rehabilitation can proceed.
    a. PVC, RCP, and VCP pipes for sanitary and storm sewer.
    b. Non-shear couplings with stainless steel bands: Fernco Strong Back RC 5000 Series or Flex-Seal adjustable repair couplings or approved equal.
    c. Manholes, Chimney Seals, External wrap, Castings, Grates, Flexible Synthetic Rubber Boot, Extrudable Preform or Plastic Gasket, EZ Stik, Non-shrink Grout.
    d. Restrained joints, mission couplings.
4. Post construction internal television inspection: Two (2) External USB powered hard drives containing:
    a. Digital video files (MPEG format)
    b. PDFs of digital reports
    c. PACP export Digital database with observation data
    d. Master spreadsheet with hyperlinks to video and PDF reports
5. Shoring design certified by an Illinois SE for all excavations greater than 20 feet (as measured to the bottom of excavation not the invert of pipe or manhole)
6. Phasing for MWRD connection Manhole
7. One set of “red-line” field changes on construction plans.
8. Other required submittals: (1) electronic copy if required for review or record

9. Bypass Pumping Plans.

10. Traffic Control Plans.

11. Test Results

    a. Contractor shall provide all test results to the Village as received.

12. Closeout submittals: (1) electronic and 2 paper copies

    a. Special guarantees and bonds.

    b. Contractor's Final Waiver of Liens

    c. Separate Waivers of Lien for subcontractors, suppliers, and others with lien rights against property of Owner.

13. Final payment request.

14. As-Builts – see specifications.

CLEAN UP

The cost of cleanup operations shall be spread evenly through the bid items on the proposal. Clean up shall consist of removing all debris from the job site, and removal of all excess dirt, pipe pieces, lumber scraps, paper cups, etc., left by the Contractor's forces. Clean up shall be performed as the work progresses, and a final clean up shall be done after all operations, including jetting and resurfacing, are completed.

DIRT ON PAVEMENT OR STRUCTURES

Description. If the pavement on or adjacent to the section under construction shall need cleaning because of the Contractor's operation and the Contractor fails to clean the pavement to the satisfaction of the Engineer at any time during the duration of the Contract, the Engineer will notify the Contractor, at which time the Contractor will have until the end of day operations in which to perform the cleaning. If the Contractor fails to perform the required cleaning within this period of time, the Village shall contract the cleaning to be performed by whatever such method the Village feels necessary. At the time such work has been completed, the amount incurred by the Village for such work along with a $500.00 per incident fine will be deducted from monies due, or that may become due, the Contractor.

DUST CONTROL

Description. Dust shall be controlled by the uniform application of sprinkled water and shall be applied only when directed and in a manner approved by the Engineer. All equipment used for this work shall meet with the Engineer's approval and shall be equipped with adequate measuring devices for determining the exact amount of water discharged. All water used shall be properly documented by ticket or other approved means. (Note: When circumstances necessitate calcium chloride application, the project specifications and bid proposal must account for Section 663. Calcium Chloride Applied. If a formal dust control plan is warranted, the Engineer shall edit the specifications accordingly.)

EQUIPMENT ON PAVEMENT AND STRUCTURES

Description. The Contractor must obtain a Village permit for the movement of any overweight or oversize vehicle within the jurisdiction of the Village. Equipment owned and operated by a private contractor used in the construction of public works projects for the Village of Arlington Heights will not be subject to permit fees. Contractors must still apply for a permit. Fees will be waived as part of the review and approval process. In the event a vehicle is pulled over regarding size or load, drivers for the general contractor or subcontractor must be able to identify the name of the project and the Village point of contact for the job.

BRACING AND SHEETING

Description. The Contractor, if necessary, shall furnish, place and maintain all bracing and sheeting to safeguard adjacent utilities, as well as the work done under this contract.

Basis of Payment. The cost of such required bracing and sheeting will not be paid for separately but shall be considered as included in the unit bid prices of the contract, and additional compensation will not be allowed.

TRAFFIC SIGNAL GENERAL REQUIREMENTS

These Traffic Signal Special Provisions and the "District One Standard Traffic Signal Design Details" supplement the requirements of the State of Illinois "Standard Specifications for Road and Bridge Construction." The intent of these Special Provisions is to prescribe the materials and construction methods commonly used for traffic signal installations.

All material furnished shall be new unless otherwise noted herein. Traffic signal construction and maintenance work shall be performed by personnel holding current International Municipal Signal Association (IMSA)/Illinois Public Service Institute (IPSI) Traffic Signal Technician Level II certification. A copy of the certification shall be immediately available upon request of the Engineer. The work to be done under the Contract consists of furnishing, installing, and maintaining all traffic signal work and items as specified in the plans and as specified herein in a manner acceptable and approved by the Engineer.

Definitions of Terms.

Add the following to Section 101 of the Standard Specifications:

101.56 Manufacturer. Company that sells a particular type of product directly to the Contractor or the Vendor.

101.57 Vendor. Company that supplies, represents, and provides technical support for IDOT District One approved traffic signal controllers and other related equipment. The Vendor shall be located within IDOT District One and shall:

(1) Be full service with on-site facilities to assemble, test and troubleshoot traffic signal controllers and cabinet assemblies.

(2) Maintain an inventory of IDOT District One approved controllers and cabinets.

(3) Be staffed with permanent sales and technical personnel able to provide traffic signal controller and cabinet expertise and support.

(4) Have technical staff that hold current IMSA/IPSI Traffic Signal Technician Level III certification and shall attend traffic signal turn-ons as well as cabinet and/or controller modifications.

Submittals.

Revise Article 801.05 of the Standard Specifications to read:

"All material approval requests shall be submitted electronically following District guidelines unless directed otherwise by the Engineer. Submittal requirements shall include, but not limited to the following:

(1) All material approval requests shall be made prior to or no later than the date of the preconstruction meeting. A list of major traffic signal items can be found in Article 801.05. Material or equipment which is similar or identical shall be the product of the same manufacturer, unless necessary for system continuity.

Traffic signal materials and equipment shall bear the U.L. label whenever such labeling is available.

(2) Product data and shop drawings shall be assembled by pay item. Only the top sheet of each pay item submittal will be stamped by the Department with the review status, except shop drawings for mast arm pole assemblies and the like will be stamped with the review status on each sheet.

(3) Original manufacturer published product data and shop drawing sheets with legible dimensions and details shall be submitted for review.

(4) When hard copy submittals are necessary, four (4) complete copies of the manufacturer's descriptive literature and technical data for the traffic signal materials shall be submitted. For hard copy or electronic submittals, the descriptive literature and technical data shall be adequate for determining whether the materials meet the requirements of the plans and specifications. If the literature contains more than one item, the Contractor shall indicate which item or items will be furnished.

(5) When hard copy submittals are necessary for structural elements, four (4) complete copies of the shop drawings for the mast arm assemblies and poles, and the combination mast arm assemblies and poles showing, in detail, the fabrication thereof and the certified mill analyses of the materials used in the fabrication, anchor rods, and reinforcing materials shall be submitted.

(6) Partial or incomplete submittals will be returned without review.

(7) Certain non-standard mast arm poles and special structural elements will require additional review from IDOT's Central Office. Examples include ornamental/decorative, non-standard length mast arm pole assemblies and monotube structures.

(8) The Contract number or Permit number, project location/limits, and corresponding pay code number must be on each sheet of correspondence, material approval, and mast arm poles and assemblies drawings.

(9) Where certifications and/or warranties are specified, the information submitted for approval shall include certifications and warranties. Certifications involving inspections and/or tests of material shall be complete with all test data, dates, and times.

(10) After the Engineer reviews the submittals for conformance with the design concept of the project, the Engineer will stamp the drawings indicating their status as 'Approved', 'Approved-As-Noted', 'Disapproved', or 'Incomplete'. Since the Engineer's review is for conformance with the design concept only, it is the Contractor's responsibility to coordinate the various items into a

working system as specified. The Contractor shall not be relieved from responsibility for errors or omissions in the shop, working, layout drawings, or other documents by the Department's approval thereof. The Contractor must still be in full compliance with Contract and specification requirements.

(11) The Contractor shall secure approved materials in a timely manner to assure construction schedules are not delayed.

(12) All submitted items reviewed and marked 'APPROVED AS NOTED', 'DISAPPROVED', or 'INCOMPLETE' are to be resubmitted in their entirety, unless otherwise indicated within the submittal comments, with a disposition of previous comments to verify Contract compliance at no additional cost to the Contract.

(13) Exceptions to and deviations from the requirements of the Contract Documents will not be allowed. It is the Contractor's responsibility to note any deviations from Contract requirements at the time of submittal and to make any requests for deviations in writing to the Engineer. In general, substitutions will not be acceptable. Requests for substitutions must demonstrate that the proposed substitution is superior to the material or equipment required by the Contract Documents. No exceptions, deviations or substitutions will be permitted without the approval of the Engineer.

(14) The Contractor shall not order major equipment such as mast arm assemblies prior to Engineer approval of the Contractor marked proposed traffic signal equipment locations to assure proper placement of Contract required traffic signal displays, push buttons and other facilities. Field adjustments may require changes in proposed mast arm length and other coordination.

(15) Revised cabinet wiring diagrams shall be submitted whenever any wiring modifications are made to the traffic signal cabinet.

Marking Proposed Locations.

Revise "Marking Proposed Locations for Highway Lighting System" of Article 801.09 to read "Marking Proposed Locations for Highway Lighting System and Traffic Signals."

Add the following to Article 801.09 of the Standard Specifications:

"It shall be the Contractor's responsibility to verify all dimensions and conditions existing in the field prior to ordering materials and beginning construction. This shall include locating the mast arm foundations and verifying the mast arms lengths."

Inspection of Electrical Systems.

Add the following to Article 801.10 of the Standard Specifications:

(c) All cabinets, including temporary traffic signal cabinets, shall be assembled by an approved Vendor in District One. The Department reserves the right to request any controller and cabinet to be tested at the Vendor's facility prior to field installation at no extra cost to the Contract.

Maintenance and Responsibility of Traffic Signal and Flashing Beacon Installations.

Replace Article 801.11(b) of the Standard Specifications to read:

(b) Traffic Signals and Flashing Beacons. The Contractor shall be responsible for maintaining the traffic signal/flashing beacon installation in proper operating condition.

(1) General.

a. The Contractor must notify the Area Traffic Signal Maintenance and Operations Engineer of their intent to begin any physical construction work on the Contract or any portion thereof. This notification must be made a minimum of seven (7) working days prior to the start of construction to allow sufficient time for inspection of the existing traffic signal installation(s) and transfer of maintenance to the Contractor. The Department will attempt to fulfill the Contractor's inspection date request(s); however, workload and other conditions may prevent the Department from accommodating specific dates or times. The Contractor shall not be entitled to any other compensation if the requested inspection date(s) cannot be scheduled by the Department.

b. Full maintenance responsibility shall start upon the successful completion of a maintenance transfer inspection, or as directed by the Engineer. If the Contractor begins any physical work on the Contract or any portion thereof prior to a traffic signal inspection, maintenance of the traffic signal installation(s) will be transferred to the Contractor without an inspection. The Contractor will become responsible for repairing or replacing all equipment that is not operating properly or is damaged at the time of transfer at no cost to the owner of the traffic signal equipment. Final repairs or replacement of damaged equipment must meet the approval of the Engineer prior to or at the time of final inspection, otherwise the traffic signal installation will not be accepted.

c. All traffic signals within the limits of the Contract or those which have the item "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION," "TEMPORARY TRAFFIC SIGNAL INSTALLATION", "TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION", "TEMPORARY PORTABLE BRIDGE TRAFFIC SIGNAL INSTALLATION", and/or "MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION" shall become the full responsibility of the Contractor. Maintenance responsibility shall end upon issuance of final acceptance by the Engineer.

d. The Contractor shall have electricians with IMSA/IPSI Traffic Signal Technician Level II certification on staff to provide signal maintenance. A copy of the certification shall be immediately available upon request by the Engineer.

e. This item shall include maintenance of all traffic signal equipment and other connected and related equipment such as flashing beacons, emergency vehicle preemption (EVP) equipment, master controllers, network switches, uninterruptable power supply (UPS) and batteries, pan-tilt-zoom (PTZ) cameras, vehicle detection, handholes, lighted signs, telephone service installations, cellular modems, radios, communication cables, and other traffic signal equipment. All conduit and related equipment to adjacent intersections shall be maintained to the far back handhole, or as directed by the Engineer. If adjacent intersections are part of Contract work, then maintenance of all conduit and related equipment shall be included in this item.

f. Regional transit, County, and other agencies may also have equipment connected to existing traffic signal or peripheral equipment such as network switches and transit signal priority (TSP, SCP, and BRT) servers, radios, and other devices, where maintenance shall be coordinated with the owner.

g. Maintenance shall not include automatic traffic enforcement equipment such as red light enforcement cameras, detectors, or peripheral equipment. This equipment is operated and maintained by others and shall be deactivated while on Contractor maintenance.

h. The energy charges for the operation of the traffic signal installation shall be paid for by the Contractor.

(2) Maintenance.

a. The Contractor shall inspect all traffic signal equipment and appurtenances every two (2) weeks to ensure they are functioning properly. Signal heads shall be properly adjusted, including plumb, and tightly mounted. All controller cabinets, signal posts, and controller pedestals shall be tight on their foundations and in alignment. Deficient equipment shall be repaired or replaced as necessary. The Contractor shall check signal system communications and phone lines to assure proper operation. This item includes, as routine maintenance, all portions of EVP equipment. The Contractor shall always maintain enough materials and equipment in stock to provide effective temporary and permanent repairs. The Contractor shall supply a detailed maintenance log monthly that includes dates, locations, names of electricians performing the required checks and inspections, and any other information requested by the Engineer. The Contractor shall attend any additional inspections as requested by the Engineer. The Contractor shall check the controllers, relays, and detectors after receiving complaints or calls to ascertain that they are functioning properly and make all necessary repairs and replacement.

b. The Contractor is advised that the existing and/or temporary traffic signal installation must remain in operation during all construction stages, except for the most essential down time. Any shutdown of the traffic signal installation which exceeds fifteen (15) minutes must have prior approval from the Engineer. Approval to shut down the traffic signal installation will only be granted during the period extending from 9:00 a.m. to 3:00 p.m. on weekdays. Shutdowns shall not be allowed during inclement weather or holiday periods.

c. The Contractor shall provide immediate corrective action when any part(s) of the signal fail to function properly. Two far side heads facing each approach shall be considered the minimum acceptable signal operation pending permanent repairs. When repairs at a signalized intersection require that the controller be disconnected or otherwise removed from normal operation, and power is available, the Contractor shall place the traffic signal installation in flashing operation. The signals shall flash RED for all directions unless a different indication has been specified by the Engineer. The Contractor shall install cones on all lane lines at the stop bar on each approach, R1-1 (36 in. minimum) “STOP” signs at the stop bar on each approach on the right side and on raised medians (where applicable), and black on fluorescent orange “SIGNALS OUT

AHEAD" warning signs followed by fluorescent orange W3-1 symbolic stop ahead warning signs on all approaches to the intersection.

d. Temporary replacement of a damaged or knocked down mast arm pole assembly shall require construction of a full or partial span wire signal installation or other method approved by the Engineer to assure signal heads are located overhead and over traveled pavement. Temporary replacement of mast arm mount signals with post mount signals is not permitted.

e. The Contractor shall provide the Engineer with two (2) 24-hour telephone numbers for the maintenance of the traffic signal installation and for emergency calls by the Engineer.

f. Traffic signal equipment which is lost, damaged, or not returned to the Department for any reason shall be replaced with new equipment meeting the requirements of the Standard Specifications and these special provisions.

g. The Contractor shall be fully responsible for the safe and efficient operation of the traffic signals and other equipment noted herein. The Contractor shall respond to all emergency calls from the Department or others within one (1) hour after notification and provide immediate corrective action. When equipment has been damaged or becomes faulty beyond repair, the Contractor shall replace it with new equipment meeting current District One traffic signal specifications. The cost of furnishing and installing the replaced equipment shall be borne by the Contractor at no additional cost to the Contract. The Contractor may institute action to recover damages from a responsible third party. If at any time the Contractor fails to perform all work as specified herein to keep the traffic signal installation in proper operating condition, or if the Engineer cannot contact the Contractor's designated personnel, the Engineer shall have the Department's Electrical Maintenance Contractor perform the maintenance work. The Contractor shall be responsible for all of the Department's Electrical Maintenance Contractor's costs and liquidated damages of $1,000 per day per occurrence. The Department's Electrical Maintenance Contractor shall bill the Contractor for the total cost of the work. The Contractor shall pay this bill within thirty (30) days of the date of receipt of the invoice or the cost of such work will be deducted from the amount due the Contractor. The Contractor shall allow the Electrical Maintenance Contractor to inspect the traffic signal installation that has been

transferred to the Contractor for maintenance. Final replacement of damaged equipment must meet the approval of the Engineer prior to or at the time of final inspection, otherwise the traffic signal installation will not be accepted. Cable splices outside the controller cabinet shall not be allowed. The Department may inspect any signalizing device on the Department's highway system at any time without notification. The Contractor shall not install padlocks on traffic signal cabinets or otherwise restrict the Department's access to the cabinet or controller.

h. Any proposed activity in the vicinity of a highway-rail grade crossing must adhere to the guidelines set forth in the current edition of the Manual on Uniform Traffic Control Devices (MUTCD) regarding work in temporary traffic control zones in the vicinity of highway-rail grade crossings which states that lane restrictions, flagging, or other operations shall not create conditions where vehicles can be queued across the railroad tracks. If the queuing of vehicles across the tracks cannot be avoided, a uniformed law enforcement officer or flagger shall be provided at the crossing to prevent vehicles from stopping on the tracks, even if automatic warning devices are in place.

i. The Contractor shall be responsible to clear snow, ice, dirt, debris, vegetation, temporary fence, or other condition that obstructs visibility of any traffic signal display or access to traffic signal equipment.

j. The Contractor shall maintain the traffic signal in normal operation during any loss of utility or battery backup power. Temporary power to the traffic signal must meet applicable NEC and OSHA guidelines and may include portable generators and/or replacement batteries. Temporary power shall not be paid for separately but shall be included in the Contract.

(3) Basis of Payment. This work will be paid for at the Contract unit price per each for MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION, TEMPORARY TRAFFIC SIGNAL INSTALLATION, TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION, or TEMPORARY PORTABLE BRIDGE TRAFFIC SIGNAL INSTALLATION. Each location will be paid for separately. Maintenance of a flashing beacon shall be paid for at the Contract unit price for MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION. Each flashing beacon will be paid for separately.

Damage to Traffic Signal System.

Add the following to Article 801.12(b) of the Standard Specifications:

"Any traffic signal control equipment that is damaged and non-repairable or not operating properly from any cause shall be replaced with new equipment meeting current District One traffic signal specifications and provided by the Contractor at no additional cost to the Contract and/or owner of the traffic signal system, all as approved by the Engineer. Final replacement of damaged equipment must meet the approval of the Engineer prior to or at the time of final inspection. Repair or replace any equipment damaged within the time shown in the table below:

ITEM	RESPONSE TIME	SERVICE RESTORATION	PERMANENTREPAIR (calendar days)
Cabinet	1 hour	24 hours	21 days
Controllers and Peripheral Equipment	1 hour	4 hours	21 days
System Detector Loop	1 hour	N/A	7 days
All Other Detectors	1 hour	N/A	21 days
Signal Head and Lenses	1 hour	4 hours	7 days
Aviation Red Beacon	1 hour	4 hours	7 days
Mast Arm Assembly and Pole	1 hour	4 hours	7 days
Traffic Signal Post	1 hour	4 hours	7 days
Cable and Conduit	1 hour	4 hours	7 days
Interconnect and Telemetry	1 hour	4 hours	7 days
Graffiti Removal	N/A	N/A	7 days
Misalignment of Signal Heads	1 hour	4 hours	4 hours
Closed Loop Monitoring System	1 hour	24 hours	14 days
Post and Poles Plumb Vertically	N/A	N/A	21 days

Controller, Post & Pole Foundations	N/A	N/A	21 days
Complaints, Calls, Controller or System Alarms, Timing, Phasing, Programming	1 hour	4 hours	N/A
Patrol Truck Deficiencies	N/A	24 hours	24 hours
Signal Heads Visibility	1 day	2 days	14 days

Temporary replacement of a damaged or knocked down mast arm pole assembly shall require construction of a full or partial span wire signal installation or other method approved by the Engineer to assure signal heads are located overhead and over traveled pavement. Temporary replacement of mast arm mount signals with post mount signals will not be permitted.

Replacement of any equipment for any reason shall be reported to the Area Traffic Signal Maintenance and Operations Engineer in writing within 24 hours. Permanent and temporary replacement of the controller and/or cabinet shall require inspection and testing by the Vendor.

Automatic Traffic Enforcement equipment, such as red light enforcement cameras, detectors, and peripheral equipment, that is damaged or not operating properly from any cause, shall be the responsibility of the municipality or the automatic traffic enforcement company per Permit agreement."

Traffic Signal Inspection (TURN-ON).

Revise Article 801.15(b) of the Standard Specifications to read:

"Turn-on. It is the intent to have all electric work completed and equipment field tested by the Contractor and/or Vendor prior to the Department's "turn-on" field inspection. If in the event the Engineer determines work is not complete and the inspection will require more than two (2) hours to complete, the inspection shall be canceled, and the Contractor will be required to reschedule at another date. The maintenance of the traffic signals will not be accepted until all punch list work is corrected and re-inspected.

When the Contractor requests a turn-on and inspection of the completed traffic signal installation(s), the request must be made to the Area Traffic Signal Maintenance and Operations Engineer a minimum of seven (7) working days prior to the time of the requested inspection. The Department will attempt to fulfill the Contractor's turn-on and inspection date request(s); however, workload and other conditions may prevent the Department from accommodating specific dates or times. The Contractor shall not be entitled to any other compensation if the requested turn-on and inspection date(s) cannot be scheduled by the Department. The Department will not grant a field inspection until written or electronic notification is provided from the Contractor that the equipment has been field tested and the intersection is operating according to Contract requirements. The Contractor must invite local fire department personnel to the turn-on when emergency vehicle preemption (EVP) is included in the project. When the Contract includes the item RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, OPTIMIZE TRAFFIC SIGNAL SYSTEM, and/or TEMPORARY TRAFFIC SIGNAL TIMING, the Contractor must notify the SCAT Consultant of the turn-on/detour implementation schedule, as well as stage changes and phase changes during construction.

The Contractor must have all traffic signal work completed and the electrical service installation connected by the utility company prior to requesting an inspection and turn-on of the traffic signal installation. The Contractor shall be responsible to provide a police officer to assist with traffic control at the time of testing.

The Contractor shall provide a representative from the Vendor who is knowledgeable of the cabinet design and controller functions to attend the traffic signal inspection for both permanent and temporary traffic signal turn-ons.

Upon demonstration that the signals are operating and all work is completed in accordance with the Contract and to the satisfaction of the Engineer, the Engineer will then allow the signals to be placed in continuous operation. The signals shall continue to be maintained by the Contractor until final acceptance.

The Department requires the following Final Project Documentation from the Contractor at traffic signal turn-ons in electronic format in addition to hard copies where noted. An electronic media device shall be submitted with separate folders corresponding to each numbered title below. The electronic media device shall be labeled with date, project location, company, and Contract or Permit number. Electronic record drawings and material approvals shall be submitted prior to traffic signal turn-on for review by the Department as described in the Record Drawings section herein.

Final Project Documentation:

(1) Record Drawings. Electronically produced signal plans of record with field revisions marked in red. Two (2) hard copies of 11 in. x 17 in. record drawings shall also be provided.

(2) Field Testing. Written notification from the Contractor and the Vendor of satisfactory field testing with corresponding material performance measurements, such as for detector loops and fiber optic systems (see Article 801.13).

(3) Material Approvals. Material approval documentation.

(4) Manuals. Operation and service manuals of the signal controller and associated control equipment.

(5) Cabinet Wiring Diagram and Cable Logs. Five (5) hard copies of 11 in. x 17 in. cabinet wiring diagrams shall be provided along with electronic PDF and DGN files of the cabinet wiring diagram. Five (5) hard copies of the cable logs and electronic Excel files shall be provided with cable #, number of conductors and spares, connected device/signal head and intersection location.

(6) Warrantees and Guarantees. All manufacturer and Contractor warrantees and guarantees required by Article 801.14.

(7) GPS Coordinates. GPS coordinates of traffic signal equipment as described in the Record Drawings section herein.

Acceptance of the traffic signal equipment by the Department shall be based upon inspection results at the traffic signal “turn-on”, completeness of the required documentation, and successful operation during a minimum 72 hour “burn-in” period following activation of traffic signal equipment. If approved, traffic signal acceptance shall be verbal at the final inspection followed by written correspondence from the Engineer. The Contractor shall be responsible for all traffic signal equipment and associated maintenance thereof until Departmental acceptance is granted.

All equipment and/or parts to keep the traffic signal installation operating shall be furnished by the Contractor. No spare traffic signal equipment is available from the Department.

All punch list work shall be completed within two (2) weeks after the turn-on. The Contractor shall notify the Area Traffic Signal Maintenance and Operations Engineer to schedule an inspection of all punch list work. Failure to meet these

time constraints shall result in liquidated damage charges of $500 per month per incident.

All cost of work and materials required to comply with the requirements herein shall be included in the pay item bid prices, under which the subject materials and signal equipment are paid, and no additional compensation will be allowed. Materials and signal equipment not complying with the requirements herein shall be subject to removal and disposal at the Contractor's expense.

Record Drawings.

The requirements listed for Electrical Installation shall apply for Traffic Signal Installations in Article 801.16. Revise the second and third paragraphs of Article 801.16 of the Standard Specifications to read:

"When the work is complete, and seven (7) days before the request for a final inspection, electronic Contract drawings, stamped "RECORD DRAWINGS", shall be submitted to the Engineer for review and approval and shall be stamped with the date and the signature of the Contractor's supervising Engineer or electrician. The record drawings shall be submitted in PDF format. If the Contract consists of multiple intersections, each intersection shall be saved as an individual PDF file with TS# and location name in its file name.

In addition to the record drawings, copies of the final material approvals which have been Approved or Approved as Noted shall be submitted in PDF format. The PDF files shall clearly indicate the pay item either by filename or PDF Table of Contents referencing the respective pay item number for multi-item PDF files. Specific part or model numbers of items which have been selected shall be clearly visible.

The Contractor shall provide two (2) 11 in. x 17 in. hard copies of electronically produced final record drawings to be kept inside each traffic signal cabinet within project limits."

Add the following to Article 801.16 of the Standard Specifications:

"In addition to the specified record drawings, the Contactor shall record GPS coordinates of the following traffic signal components being installed, modified or being affected in other ways by the Contract:

- All Mast Arm Poles and Posts
- Traffic Signal Wood Poles
- Railroad Bungalow
- UPS
- Handholes

- Controller Cabinets
- Communication Cabinets
- Electric Service Disconnect locations
- CCTV/PTZ Camera installations

Datum to be used shall be North American 1983.

Data shall be provided in electronic format and shall be in .csv format. Latitude and Longitude shall be in decimal degrees with a minimum of 6 decimal places. Each coordinate shall have the following information:

- File shall be named: TSXXX_YY-MM-DD.csv (i.e. TS22157_24-01-01.csv)
- Each intersection shall have its own file
- Row 1 should have the location name (i.e. IL 31 @ Klausen)
- Row 2 is blank
- Row 3 is the headers for the columns
- Row 4 starts the data
- Column A (Date) – should be in the following format: MM/DD/YYYY
- Column B (Item) – as shown in the table below
- Column C (Description) – as shown in the table below
- Column D and E (GPS Data) – should be in decimal form

Examples:

Date	Item	Description	Latitude	Longitude
01/01/2024	MP (Mast Arm Pole)	NEQ, NB, Dual, Combination Pole	41.580493	-87.793378
01/01/2024	HH (Handhole)	Heavy Duty, Fiber, Intersection, Double	41.558532	-87.792571
01/01/2024	ES (Electrical Service)	Ground mount, Pole mount	41.765532	-87.543571
01/01/2024	CC (Controller Cabinet)		41.602248	-87.794053

01/01/2024	PTZ (PTZ)	NEQ extension pole	41.593434	-87.769876
01/01/2024	POST (Post)		41.651848	-87.762053
01/01/2024	MCC (Master Controller Cabinet)		41.584593	-87.793378
01/01/2024	COMC (Communication Cabinet)		41.584600	-87.793432
01/01/2024	BBS (Battery Backup System)		41.558532	-87.792571

Data collection can be made as construction progresses or can be collected after all items are installed. If the data is unacceptable, the Contractor shall make corrections to the data collection equipment and/or process and resubmit the data for review and approval as specified.

Data shall have a minimum 1 ft accuracy after post processing."

Restoration of Work Area.

Add the following article to Section 801 of the Standard Specifications:

"**801.17 Restoration of Work Area.** Restoration of the traffic signal work area shall be included in the related pay items such as foundation, conduit, handhole, underground raceways, detector loop installation or replacement, etc. All roadway surfaces such as shoulders, medians, sidewalks, pavement, etc. shall be replaced in kind. All damage to mowed lawns shall be replaced with an approved sod, and all damage to unmowed fields shall be seeded. All brick pavers disturbed in the work area shall be restored to their original configuration as directed by the Engineer. All damaged brick pavers shall be replaced with a comparable material approved by the Engineer.

Exposed holes created from removal or relocation of traffic signal equipment shall be sealed using a zinc-plated fender washer with toggle bolt.

Restoration of the work area shall be included in the Contract without any extra compensation allowed to the Contractor.

Removal, Disposal, and Salvage of Existing Traffic Signal Equipment.

The removal, disposal, and/or salvage of existing traffic signal equipment shall become the property of the Contractor and disposed of by the Contractor outside the State's right-of-way, unless otherwise noted. No additional compensation shall be provided to the Contractor for removal, disposal or salvage expense for the work in the Contract."

Bagging Signal Heads.

Light tan colored traffic and pedestrian signal reusable covers shall be used to cover dark/un-energized signal sections, visors, and retroreflective backplates. Covers shall be made of outdoor fabric with urethane coating for repelling water, have elastic fully sewn around the cover ends for a tight fit over the visor, and have a minimum of two (2) straps with buckles to secure the cover to the backplate. A center mesh strip allows viewing without removal for signal status testing purposes. Covers shall include a message indicating the signal is not in service. Pedestrian pushbuttons that are not in service shall be covered with a durable material such as described above or burlap that is secured in a weather-resistant manner. The entire housing, including the pedestrian sign, shall also be covered on the front side.

Turn-on of New Traffic Signal Installations.

The following only applies to new traffic signals at previously unsignalized locations.

The signal responsibility shall begin at the start of signal construction and shall end upon issuance of final acceptance by the Engineer. New traffic signal heads and indications may not be installed more than two (2) weeks (14 calendar days) prior to the scheduled turn-on of the traffic signal to avoid motorist confusion caused by the presence of new signal heads, even if properly covered. Unenergized signal indications shall be bagged until one (1) hour prior to the scheduled turn-on per the Bagging Signal Heads section above.

New stop bars and crosswalks on approaches that did not previously have stop control shall NOT be installed until the day of the traffic signal turn-on.

A Portable Changeable Message Sign (PCMS) must be placed two (2) weeks prior to the scheduled new traffic signal turn-on for all approaches to the intersection with the following messages:

NEW TRAFFIC SIGNAL

STARTIN G MMM ##

where “MMM” and “##” are the 3-character month abbreviation and day of the scheduled turn-on, respectively.

On the day of the turn-on, change messages to read:

NEW SIGNAL AHEAD

BE PREPARE D TO STOP

The PCMS must remain in place for two (2) weeks following the day of the turn-on.

Conflicting Stop signs shall be removed immediately at the time of the traffic signal turn-on.

Locating Underground Facilities.

Revise Section 803 to the Standard Specifications to read:

> “IDOT traffic signal facilities are not part of any of the one-call locating service such as J.U.L.I.E or Digger. If the Contract requires the maintenance services of an Electrical Contractor, the Contractor shall be responsible at their own expense for locating all existing IDOT electrical facilities, including but not limited to interconnect conduit and handholes, prior to performing any work. A maintenance transfer is required prior to any locating work. If this Contract does not require the maintenance services of an Electrical Contractor, the Contractor may request one free locate for existing IDOT electrical facilities from the District One Electrical Maintenance Contractor prior to the start of any work. Additional requests will be at the expense of the Contractor. The location of underground traffic facilities does not relieve the Contractor of their responsibility to repair any facilities damaged during construction at their expense.
>
> The exact location of all utilities shall be field verified by the Contractor before the installation of any components of the traffic signal system. For locations of utilities, locally owned equipment, and leased enforcement camera system facilities, the local Counties or Municipalities may need to be contacted: in the City of Chicago contact Digger at (312) 744-7000, and for all other locations contact J.U.L.I.E. at 1-800-892-0123 or 811.
>
> The Contractor shall take whatever precautions to protect the electric cable or electric conductors in conduit from damage during location and construction operations. If the wiring is damaged, the Contractor shall replace the entire

length of cable or conductors in conduit, in a manner satisfactory to the Engineer. Splicing below grade will not be permitted.

In the event the repairs are not made by the Contractor, the Contractor shall reimburse the Department for such repairs within sixty (60) days of receiving written notification of said damage. Otherwise, the cost of such repairs will be deducted from monies due or which will become due the Contractor under the terms of the Contract."

Grounding of Traffic Signal Systems

Revise Section 806 of the Standard Specifications to read:

"All traffic signal systems, equipment and appurtenances shall be properly grounded in strict conformance with the NEC. This work shall be in accordance with IDOT's District One Traffic Signal Design Details.

The grounding electrode system shall include a ground rod installed with each traffic signal controller concrete foundation and all mast arm and post concrete foundations. An additional ground rod will be required at locations were measured resistance exceeds 25 ohms. Ground rods are included in the applicable concrete foundation or service installation pay item and will not be paid for separately.

Testing shall be according to Article 801.13 (a) (4) and (5).

(a) The grounded conductor (neutral conductor) shall be white color coded. This conductor shall be bonded to the equipment grounding conductor only at the Electric Service Installation. All power cables shall include one neutral conductor of the same size.

(b) The equipment grounding conductor shall be green color coded. The following is in addition to Article 801.04 of the Standard Specifications:

(1) Equipment grounding conductors shall be bonded to the grounded conductor (neutral conductor) only at the Electric Service Installation. The equipment grounding conductor is paid for separately and shall be continuous. The Earth shall not be used as the equipment grounding conductor.

(2) Equipment grounding conductors shall be bonded, using a UL Listed grounding connector, to all traffic signal mast arm poles, traffic signal posts, pedestrian posts, pull boxes, handhole frames and covers, conduits, and other metallic enclosures throughout the traffic signal wiring system, except where noted herein. Bonding shall be made with a splice and pigtail connection, using a sized compression type copper sleeve, sealant tape,

and heat-shrinkable cap. A UL listed electrical joint compound shall be applied to all conductors' terminations, connector threads and contact points. Conduit grounding bushings shall be installed at all conduit terminations, including spare or empty conduits and conduit protruding from handhole walls.

(3) All metallic and non-metallic raceways, including spare or empty raceways, shall have a continuous equipment grounding conductor, except raceways containing only detector loop lead-in circuits, circuits under 50 V and/or fiber optic cable will not be required to include an equipment grounding conductor.

(4) Individual conductor splices in handholes shall be soldered and sealed with heat shrink. When necessary to maintain effective equipment grounding, a full cable heat shrink shall be provided over individual conductor heat shrinks.

(c) The grounding electrode conductor shall be similar to the equipment grounding conductor in color coding (green) and size. The grounding electrode conductor is used to connect the ground rod to the equipment grounding conductor and is bonded to ground rods via exothermic welding, UL listed pressure connectors, and UL listed clamps."

KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURES ONLY)

The Contractor shall provide the necessary traffic control devices to warn the public and to delineate the work zone as required in these Special Provisions, the Standard Specifications, the State Standards, and the District Details.

Arterial lane closures shall be in accordance with the Standard Specifications, Highway Standards, District Details, and the direction of the Engineer. The Contractor shall request and gain approval from the Engineer seventy–two (72) hours in advance of all long-term (24 hrs. or longer) lane closures.

Arterial lane closures not shown in the staging plans will not be permitted during peak traffic volume hours.

Peak traffic volume hours are defined as weekdays (Monday through Friday) from **6:00 AM to 9:00 AM and 3:00 PM to 6:00 PM.**

Private vehicles shall not be parked in the work zone. Contractor's equipment and/or vehicles shall not be parked on the shoulders or in the median during non-working hours. The parking of equipment and/or vehicles on State right-of-way will only be permitted at locations approved by the Engineer in accordance with Articles 701.08 and 701.11 of the Standard Specifications.

Should the Contractor fail to completely open and keep open all the traffic lanes to traffic in accordance with the limitations specified above, the Contractor shall be liable to the Department for the amount of:

One lane or ramp blocked = $1,000

Two lanes blocked = $2,500

Not as a penalty but as liquidated and ascertained damages for each and every 15 minute interval or a portion thereof that a lane is blocked outside the allowable time limitations. Such damages may be deducted by the Department from any monies due the Contractor. These damages shall apply during the contract time and during any extensions of the contract time.

PUBLIC CONVENIENCE AND SAFETY (D1)

Add the following to the end of the fourth paragraph of Article 107.09:

"If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply."

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

"The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After"

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

"On weekends, excluding holidays, roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical."

MAINTENANCE OF ROADWAYS

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required

by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

SHORT TERM AND TEMPORARY PAVEMENT MARKINGS

Revise Article 701.02(d) of the Standard Specifications to read:

"(d) Pavement Marking Tapes (Note 3) 1095.06"

Add the following Note to the end of Article 701.02 of the Standard Specifications:

" Note 3. White or yellow pavement marking tape that is to remain in place longer than 14 days shall be Type IV tape."

Revise Article 703.02(c) of the Standard Specifications to read:

"(c)Pavement Marking Tapes (Note 1) 1095.06"

Add the following Note to the end of Article 703.02 of the Standard Specifications:

" Note 1. White or yellow pavement marking tape that is to remain in place longer than 14 days shall be Type IV tape."

Revise Article 1095.06 of the Standard Specifications to read:

"1095.06 Pavement Marking Tapes. Type I white or yellow marking tape shall consist of glass spheres embedded into a binder on a foil backing that is precoated with a pressure sensitive adhesive. The spheres shall be of uniform gradation and distributed evenly over the surface of the tape.

Type IV tape shall consist of white or yellow tape with wet reflective media incorporated to provide immediate and continuing retroreflection in wet and dry conditions. The wet retroreflective media shall be bonded to a durable polyurethane surface. The patterned surface shall have approximately 40 ± 10 percent of the surface area raised and presenting a near vertical face to traffic from any direction. The channels between the raised areas shall be substantially free of exposed reflective elements or particles.

Blackout tape shall consist of a matte black, non-reflective, patterned surface that is precoated with a pressure sensitive adhesive.

(a) Color. The white and yellow markings shall meet the following requirements for daylight reflectance and color, when tested, using a color spectrophotometer with 45 degrees circumferential/zero degree geometry, illuminant D65, and two degree observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

Color	Daylight Reflectance %Y
White	65 min.
Yellow *	36 - 59

*Shall match Aerospace Material Specification Standard 595 33538 (Orange Yellow) and the chromaticity limits as follows.

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456

(b) Retroreflectivity. The white and yellow markings shall be retroreflective. Reflective values measured in accordance with the photometric testing procedure of ASTM D 4061 shall not be less than those listed in the table below. The coefficient of retroreflected luminance, RL, shall be expressed as average millicandelas/footcandle/sq ft (millicandelas/lux/sq m), measured on a 3.0 x 0.5 ft (900 mm x 150 mm) panel at 86 degree entrance angle.

Coefficient of Retroreflected Luminance, RL, Dry

Type I		Type IV	
Observation Angle	White	Yellow	Observation Angle	White	Yellow
0.2°	2700	2400	0.2°	1300	1200
0.5°	2250	2000	0.5°	1100	1000

Wet Retro-reflectance shall be measured for Type IV under wet conditions according to ASTM E 2177 and meet the following.

Wet Retro-reflectance, Initial RL

Color	RL 1.05/88.76
White	300
Yellow	200

(c) Skid Resistance. The surface of Type IV and blackout markings shall provide a minimum skid resistance of 45 BPN when tested according to ASTM E 303.

(d) Application. The pavement marking tape shall have a precoated pressure sensitive adhesive and shall require no activation procedures. Test pieces of the tape shall be applied according to the manufacturer's instructions and tested according to ASTM D 1000, Method A, except that a stiff, short bristle roller brush and heavy hand pressure will be substituted for the weighted rubber roller in applying the test pieces to the metal test panel. Material tested as directed above shall show a minimum adhesion value of 750 g/in. (30 g/mm) width at the temperatures specified in ASTM D 1000. The adhesive shall be resistant to oils, acids, solvents, and water, and shall not leave objectionable stains or residue after removal. The material shall be flexible and conformable to the texture of the pavement.

(e) Durability. Type IV and blackout tape shall be capable of performing for the duration of a normal construction season and shall then be capable of being removed intact or in large sections at pavement temperatures above 40 °F (4 °C) either manually or with a roll-up device without the use of sandblasting, solvents, or grinding. The Contractor shall provide a manufacturer’s certification that the material meets the requirements for being removed after the following minimum traffic exposure based on transverse test decks with rolling traffic.

(1) Time in place - 400 days

(2) ADT per lane - 9,000 (28 percent trucks)

(3) Axle hits - 10,000,000 minimum

Samples of the material applied to standard specimen plates will be measured for thickness and tested for durability in accordance with ASTM D 4060, using a CS-17 wheel and 1000-gram load, and shall meet the following criteria showing no significant change in color after being tested for the number of cycles indicated.

Test Type I Type IV Blackout

Minimum Initial Thickness,

mils (mm) 20 (0.51) 65 (1.65) 1/

20 (0.51) 2/ 65 (1.65) 1/

20 (0.51) 2/

Durability (cycles) 5,000 1,500 1,500

1/Measured at the thickest point of the patterned surface.

2/Measured at the thinnest point of the patterned surface.

The pavement marking tape, when applied according to the manufacturer's recommended procedures, shall be weather resistant and shall show no appreciable fading, lifting, or shrinkage during the useful life of the marking. The tape, as applied, shall be of good appearance, free of cracks, and edges shall be true, straight, and unbroken.

(f) Sampling and Inspection.

(1) Sample. Prior to approval and use of Type IV pavement marking tape, the manufacturer shall submit a notarized certification from an independent laboratory, together with the results of all tests, stating that the material meets the requirements as set forth herein. The independent laboratory test report shall state the lot tested, the manufacturer's name, and the date of manufacture.

After initial approval by the Department, samples and certification by the manufacturer shall be submitted for each subsequent batch of Type IV tape used. The manufacturer shall submit a certification stating that the material meets the requirements as set forth herein and is essentially identical to the material sent for qualification. The certification shall state the lot tested, the manufacturer's name, and the date of manufacture.

(2) Inspection. The Contractor shall provide a manufacturer's certification to the Engineer stating the material meets all requirements of this specification. All material samples for acceptance tests shall be taken or witnessed by a representative of the Bureau of Materials and shall be submitted to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766 at least 30 days in advance of the pavement marking operations."

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VEHICLE AND EQUIPMENT WARNING LIGHTS

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

" The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations."

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WORK ZONE TRAFFIC CONTROL DEVICES

Add the following to Article 701.03 of the Standard Specifications:

" (q) Temporary Sign Supports ..... 1106.02"

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

"For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer's specifications."

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

" 701.15 Traffic Control Devices. For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer's self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device."

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

"1106.02 Devices. Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices shall be MASH compliant.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices shall be MASH compliant.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350, may be used on contracts let before December

31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as sign supports, speed feedback displays, arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH compliant is available, an NCHRP 350 compliant device may be used, even if manufactured after December 31, 2019."

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

"(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water-filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis."

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SEWER FLOW CONTROL

The Contractor shall be fully responsible for maintaining sewer service during construction operations and shall not be allowed to backup or flood any sewer system user, building or property. The Contractor shall be solely liable for property damages that result from the work being performed.

Since complete stoppage or bypassing of flow may be required during installation of new sewers, the Contractor may be required to submit drawings and complete design data showing methods and equipment to be utilized in bypass and dewatering operations. The bypass plan shall include the following information:

1. Location of temporary sewer plugs, and bypass discharge lines indicated on plans
2. Capacities of pumps, prime movers, and standby equipment
3. Type of standby power source
4. Traffic control plan

When pumping and bypassing is required, the Contractor shall furnish all temporary pumps, conduits, and other equipment to divert the flow of sewage around the sewer section in which work is to be performed. The bypass system shall have sufficient capacity to handle existing flow plus additional flow that may occur during peak flow periods or from precipitation. The Contractor shall construct bypass system of material to prevent leakage during pumping operation.

The Contractor shall equip all engines with mufflers and/or enclose to keep noise level less than 50 decibels, or 10 decibels above ambient noise levels when measured at building closest to noise source.

The Contractor shall maintain sufficient labor, equipment and materials on site to ensure continuous and successful operation of bypass and dewatering systems including the following:

1. Keep standby pumps fueled and operational at all times
2. Maintain on site sufficient number of valves, tees, elbows, connections, tools, sewer plugs, piping, and other parts or system hardware to ensure immediate repair or modification of any part of system as necessary.
3. Provide piping, joints and accessories designed to withstand at least twice the maximum system pressure or 50 psi (345 kPa), whichever is greater.

In areas where flows are bypassed, all discharge flow shall be returned to the sanitary sewer. No bypassing to ground surface, receiving waters, storm drains, or bypassing which results in groundwater contamination or potential health hazards shall be permitted.

In the event sewage is released into a storm drainage system or street, the Contractor shall immediately stop the release, notify IEPA and the Village of Arlington Heights, and take all necessary actions to clean up and disinfect spillage to satisfaction of the Engineer.

During plugging or bypass pumping operations the Contractor shall utilize sewer plugs specifically designed so that all or any portion of sewage can be released. During sewer flow control operations, reduce flow to comply with requirements as described above. After cleaning, inspection, and installation work has been completed, restore the flow to normal. All plugging, bypass pumping and sewer flow control operations shall be considered incidental to the Contract and shall not be compensated for separately.

Basis of Payment. The cost of sewer flow control will not be paid for separately but shall be considered as included in the unit bid prices of the contract, and additional compensation will not be allowed, unless where specified.

FRAMES, GRATES AND LIDS

Frames, grates, lids and all other castings furnished under this contract shall be in accordance with Section 602 and Section 604 of the Standard Specifications, except as modified herein.

Castings shall conform to ASTM A48 Class 30. Castings shall be free of cracks, holes, swells, cold shuts, and patches. Castings shall not be coated or painted.

Frames, grates, lids and other castings shall be furnished in accordance with the following:

1. Type 1 frames and closed lids shall be EJ 1050Z1/1020A or approved equal E.J.I.W. product.

2. Type 11 frames and grates located in barrier curb and gutter shall be EJ 7210Z2/7210M1/7210T2 or approved equal E.J.I.W. product.

All other castings not specified above shall be as shown on the plans or as directed by the Engineer. If any of the castings specified are not compatible in the field due to frame height or other constraints, the Contractor shall propose an alternate casting to the Engineer for approval and shall furnish the alternate casting if approved.

Frames, grates, lids and other castings located within curb ramps or crosswalks shall be substituted with ADA compliant castings.

All closed lid castings furnished under this contract shall be self-sealing, gasketed, watertight, and shall have machined bearing surfaces and concealed pick holes. The top surface of closed lids shall also be embossed with the word “SANITARY”, “STORM”, or “WATER” as appropriate.

Enviro curb logos on curb boxes for Type 11 frames and grates shall have the words “DUMP NO WASTE” and “DRAINS TO RIVER” or “DRAINS TO WATERWAY” cast into the top of all curb boxes.

This work will not be paid for separately but shall be included in the cost of all pay items that include the furnishing of frames, grates, lids, or other castings.

DATE OF MANUFACTURE

All manufactured materials furnished under this contract, including, but not limited to, pipe, drainage and utility structures, castings, fire hydrants, valves, stops, and fittings, are to be new and unused and manufactured within one year of installation.

SALVAGE AND DISPOSAL OF EXISTING MATERIALS

Existing manufactured materials which are removed and are not to be reused will be inspected by the Engineer. Materials which are determined by the Engineer to be in satisfactory condition shall remain the property of the Village and shall be delivered by the Contractor to the Village of Arlington Heights Public Works Department yard located at 1 Plaza Drive in Arlington Heights. Delivery shall be made during the normal working hours of the Village of Arlington Heights Public Works Department and the Contractor shall coordinate the day, time, and other details of delivery with the Village.

Materials which are determined by the Engineer to be in unsatisfactory condition shall become the property of the Contractor and shall be removed from the site by the end of the workday and properly disposed of by the Contractor.

The delivery or disposal of materials will not be paid for separately but shall be included in the cost of all items that include removal of existing materials.

CONCRETE WASHOUT FACILITY

Description. The Contractor shall take sufficient precautions to prevent pollution of streams, lakes, reservoirs, and wetlands with fuels, oils, bitumens, calcium chloride, or other harmful materials according to Article 107.23 of the Standard Specifications.

General. To prevent pollution by residual concrete and/or the by-product of washing out the concrete trucks, concrete washout facilities shall be constructed and maintained on any project which includes cast-in-place concrete items. The concrete washout shall be constructed, maintained, and removed according to this special provision.

The concrete washout facility shall be constructed on the job site in accordance with Illinois Urban Manual practice standard for Temporary Concrete Washout Facility (Code 954). The Contractor may elect to use a pre-fabricated portable concrete washout structure. The Contractor shall submit a plan for the concrete washout facility, to the Engineer for approval, a minimum of 10 calendar days before the first concrete pour. The working concrete washout facility shall be in place before any delivery of concrete to the site. The Contractor shall ensure that all concrete washout activities are limited to the designated area.

The concrete washout facility shall be located no closer than 50 feet from any environmentally sensitive areas, such as water bodies, wetlands, and/or other areas indicated on the Plans. Adequate signage shall be placed at the washout facility and elsewhere as necessary to clearly indicate the location of the concrete washout facility to the operators of concrete trucks.

The concrete washout facility shall be adequately sized to fully contain the concrete washout needs of the project. The contents of the concrete washout facility shall not exceed 75% of the facility capacity. Once the 75% capacity is reached, concrete placement shall be discontinued until the facility is cleaned out. Hardened concrete shall be removed and properly disposed. Slurry shall be allowed to evaporate, or shall be removed and properly disposed. The Contractor shall immediately replace damaged basin liners or other washout facility components to prevent leakage of concrete waste from the washout facility. Concrete washout facilities shall be inspected by the Contractor after each use. Any and all spills shall be reported to the Engineer and cleaned up immediately. The Contractor shall remove the concrete washout facility when it is no longer needed.

Basis of Payment. This work will not be paid for separately but shall be considered as included in the unit bid prices of the contract, and additional compensation will not be allowed.

DEWATERING

Basis of Payment. This work will not be paid for separately but shall be considered as included in the unit bid prices of the contract, and additional compensation will not be allowed.

USE OF FIRE HYDRANTS

The Contractor is prohibited (with or without the permission of the property owner) from drawing water from any private property sources. The Contractor may request to use fire hydrants within the project area. Fire hydrant usage will only be allowed after the Contractor receives authorization from the Village and specific hydrants are identified for the Contractor for use. In addition, the Contractor shall make written application to the Village for temporary use of a hydrant meter at no cost to the Contractor. The Contractor shall return the hydrant meter to the Village within 24 hours of project completion and within 24 hours of any request by the Village that the hydrant meter be returned.

The Village has the option requiring the Contractor to obtain water from the Village yard at 1 Plaza Drive, Arlington Heights, IL; or of designating a hydrant(s) that the Contractor can utilize within the work zone or project area. Prior to drawing water from any fire hydrant, the Contractor shall coordinate with the Village follow the Village's standardized procedures for drawing water.

PROTECTION OF EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION

Unless otherwise noted in the contract plans, the existing drainage facilities shall remain in use during the period of construction.

Locations of existing drainage structures and sewers, if shown on the contract plans, are approximate. Prior to commencement of work, the Contractor, at his/her own expense, shall determine the exact location of existing structures which are within the proposed construction site.

All drainage structures are to be kept free from any debris resulting from construction operations. All work and materials necessary to prevent accumulation of debris in the drainage structure resulting from construction operations shall be removed at the Contractor's own expense, and no extra compensation will be allowed.

Unless reconstruction or adjustment of an existing manhole, catch basin, or inlet is called for in the contract plans or ordered by the Engineer, the proposed work shall meet the existing elevations of these structures. Should reconstruction or adjustment of a drainage structure be required by the Engineer in the field, the necessary work and payment shall be done in accordance with Section 602 and Article 104.02 respectively, of the Standard Specifications.

Existing frames and grates are to remain unless otherwise noted in the contract plans or as directed by the Engineer. Frames and grates that are missing or damaged prior to construction shall be replaced. The type of replacements frame or grate shall be determined by the Engineer, and replacement and payment for same shall be in accordance with Section 604 and Article 104.02 respectively, of the Standard Specifications unless otherwise noted in the plans or special provisions.

The erosion and sediment control measures shall be in accordance with the most recent edition of the Illinois Urban Manual and the standards and ordinances of the local, state and/or federal government agencies having jurisdiction over such matters. The Contractor is responsible for the for the proper implementation of, and compliance with the Storm Water Pollution Prevention Plan (SWPPP). Upon award of the contract, the Contractor must immediately submit all necessary paperwork with the IEPA modifying the Notice of Intent (NOI) and the SWPPP. The Contractor is responsible for all monitoring, maintenance and reporting required by the State of Illinois and any local governmental subdivisions.

Contractor shall be required to remove, replace, and clean the erosion control facilities, during the course of the project, so as to keep same in acceptable working condition. All erosion control facilities shall be checked by the Contractor on a weekly basis and after each rain event of 1/2" or greater magnitude. Upon completion of the improvements, the Contractor shall remove all erosion and sediment controls installed and restore the areas to their original condition.

DROP HAMMERS

The use of drop hammers or similar equipment will not be permitted.

AS-BUILT DRAWINGS

Contractor will be provided with a pdf and AutoCAD of all plan and profile sheets. The following electronic mark-ups are to be made:

1. Final rim and invert of all structures
2. Any changes to structure locations – with new locations identified by GPS (sub-centimeter accuracy) or offset.
3. Any change to pipe slopes
4. Any change to pipe materials or sizes
5. Other field changes

This is a non-exhaustive list. The Contractor shall provide all shop drawings and material submittals that are required in the specifications.

POST-CONSTRUCTION TELEVISION INSPECTION

Description. Post-construction internal television inspection shall be conducted on all new sewer This inspection must identify all defects with observations and must be done in the presence of the Village or the Engineer and shall be per NASSCO standards by PACP certified operators.

Digital video inspections of the post-construction television inspection for each sewer section shall be provided to the Engineer and the Village as described below:

Deliverables. The Contractor shall provide the Village with two (2) portable USB powered external hard drives containing each video file and associated PDF report, which shall document, to the satisfaction of the Engineer, the condition of the sewer line segment both before and after all rehabilitation work is completed.

The hard drives shall include a master Excel spreadsheet with hyperlinks to each video file and associated PDF report as well as a master digital database of all observation data. One (1) copy of the digital video data and logs shall become the property of the VILLAGE and one (1) copy shall remain with the Engineer.

- The Master Spreadsheet shall have a record for each line segment televised to date. The spreadsheet shall be in MS Excel format and shall have hyperlinks to both the video files and the associated ".pdf" of the PACP & Pipe Segment View report for each section of sewer televised. The spreadsheet shall include the following information for each record - Upstream and Downstream Structure Numbers, Date Televised, Televised Length, Pipe Size, work performed, and links to both the Video and the ".pdf" files.

- The Database in PACP 6.0.1 format shall detail location, type, and severity of all defects and shall be Microsoft Access V07 Database files with all tables linked by appropriate I.D. numbers, and links to video and ".pdf" report files. All data shall be linked to the pipe segment ID number.

Basis of Payment. POST-CONSTRUCTION TELEVISION INSPECTION and all deliverables shall be considered incidental to the Contract and shall not be compensated for separately.

MANHOLE VACUUM TESTING

Description. This specification shall govern the vacuum testing of sanitary and storm sewer manholes and structures and shall be used as a method of determining acceptability by the Owner, in accepting maintenance or installation of a sanitary sewer manhole or structure. Vacuum testing shall be according to ASTM C1244, except as specified otherwise herein. Other forms of testing of some manholes may be required, as deemed necessary by the Owner.

<u>All new sanitary manholes shall be tested.</u>

Manholes shall be tested after installation when all connections are in place. Lift holes, if any, shall be plugged with an approved, non-shrinkable grout prior to testing. Drop connections shall be installed prior to testing. The vacuum test shall include testing of the seal between the concrete cone, barrel sections, and pipe seals. Manhole vacuum testing shall be performed after all adjacent underground utilities have been installed and all manholes have been backfilled.

All manholes found to have been damaged or disturbed prior to the final (one-year) inspection shall be corrected and vacuum tested at that time.

Procedure for testing shall be as follows:

1. Temporarily plug all pipes entering the manhole. Each plug must be installed at a location beyond the manhole/pipe gasket (i. e. outside the manhole wall), and shall be braced to prevent the plug or pipe from being drawn into the manhole.

2. A vacuum of at least ten inches of mercury (10" Hg) shall be drawn on the manhole. Shut the valve on the vacuum line to the manhole and shut off the pump or disconnect the vacuum line from the pump.

3. The pressure gauge shall be liquid filled, having a 3. 5-inch diameter face with a reading from zero to thirty inches of mercury.

The manhole shall be considered to pass the vacuum test if the vacuum reading does not drop more than 1” Hg (i. e. from 10” Hg to 9” Hg) during the following minimum test times for various manhole diameters.

	Manhole Diameter (inches)								
	30	33	36	42	48	54	60	66	72
Depth (ft.)	Test Time (Seconds)								
8	11	12	14	17	20	23	26	29	33
10	14	15	18	21	25	29	33	36	41
12	17	18	21	25	30	35	39	43	49
14	20	21	25	30	35	41	46	51	57
16	22	24	29	34	40	46	52	58	67
18	25	27	32	38	45	52	59	65	73
20	28	30	35	42	50	53	65	72	81
22	31	33	39	46	55	64	72	79	89
24	33	36	42	51	59	64	78	87	97
26	36	39	46	55	64	75	85	94	105
28	39	42	49	59	69	81	91	101	113
30	42	45	53	65	74	87	89	108	121

Basis of Payment. MANHOLE VACUUM TESTING shall be considered incidental to the Contract and shall not be compensated for separately.

SPECIAL PROVISIONS FOR CONTRACT ITEMS

This shall be a unit price contract and shall include all work mentioned in the Project's Plans and Specifications and any other work, not specifically mentioned, that is necessary for constructing the improvement in a skilled and professional manner. Any conflicts or omissions in the Plans or Specifications shall be brought to the attention of the Engineer. The Engineer's decision in resolving such matters shall be final. The Contractor shall in no manner take advantage of conflicts or omissions should they occur, and it shall be the Contractor's responsibility to bring such components of the Contract to the attention of the Engineer so that they can be properly resolved.

The quantities bid upon in the Proposal are estimated quantities, except where an item is noted to be supplied "complete." The Contractor shall be paid for actual quantities, in place, as measured and agreed upon by the Engineer and Contractor. The Contractor shall be paid in full for items to be supplied "complete" when said item is finished, or at a percentage of the bid amount agreed upon by the Owner, Engineer and Contractor if the item is not complete.

ITEM #1: PRE-CONSTRUCTION SURFACE VIDEO RECORDING

Description. This work consists of performing color video and audio recording of the project area and other areas which may be impacted by construction, including staging/storage locations.

Preconstruction video recordings will include coverage of the project area and all other areas which may be impacted by construction. Video recordings will also include construction easements and access points when applicable. Video recordings will provide a visual record of all physical features within those areas, including, but not limited to, roadways, pavements, curbs, gutters, driveways, driveway aprons, sidewalks, carriage walks, parkways, trees, landscaping, shrubbery, plantings, landscaping walls, retaining walls, signs, sign posts, fences, utility poles, light poles, utilities, equipment, manholes, b-boxes, cleanouts, valves, curb structures, pipelines, buildings, mailboxes, and any other features located within the project area.

Video recordings will begin with an audio narrative which provides the current date and time, the name of Owner and name of project, and a description of both the starting location and the location or locations to be recorded, including street name or names, street addresses, and any additional information which may be necessary to describe the location and subject of viewing.

Video recordings will maintain viewer orientation by means of an audio commentary in the audio track of each video recording which provides an explanation of what is being viewed; and by videotaping landmarks and readily identifiable objects (property addresses, street signs, etc.) at appropriate intervals.

Preconstruction video recordings will be recorded at a rate of travel not exceeding 48 feet per minute, and zooming and panning rates will be controlled to provide clarity of features during playback. The finished product will be provided with bright, clear pictures and accurate colors free from distortion, tearing, rolls, or other forms of picture imperfection. The audio will have proper volume and clarity. All recordings will be performed at times of satisfactory visibility, and when no more than ten percent of ground is obscured by snow, leaves, or other cover.

If any element within or portion of the project area is not adequately documented by the preconstruction video recording so as to definitively demonstrate its condition prior to the start of construction, Contractor will assume responsibility for the repair, restoration or replacement of that element or portion of the project area. Such repair, restoration or replacement will be to equal or better condition than previously existing and will further comply with all standards and provisions which govern the work in question.

Schedule. Preconstruction video recording will be performed according to the following schedule:

(a) Preconstruction video recording will take place after a Notice to Proceed has been issued.

(b) Preconstruction video recording will take place after the Joint Utility Locating Information for Excavators (JULIE) request for the project area has cleared.

(c) Preconstruction video recording will take place before any equipment, materials, or other items are delivered to the site.

(d) Preconstruction video recording will take place no more than seven (7) chargeable days prior to the start of construction.

(e) The required pre-construction video recording deliverables will be submitted to the Engineer, and the Engineer will review and issue written approval of the video before any activity other than utility locating will be permitted to start. Such activity will include, but not be limited to, delivery of materials and equipment, installation of traffic control and erosion control, and completion of construction layout and tree protection. No days will be charged against the contract time while the video is under review by the Engineer, including the day the deliverables are submitted and the day a response is provided. If the video or any portions thereof are rejected, the contract time will commence to run until revisions are submitted.

(f) The recording will be submitted to Engineer for review prior to commencement of any construction and receive acceptance of recordings prior to commencement of construction. Any areas found not acceptable to the Owner will be re-filmed at no additional cost to the contract.

Deliverables.

Video will be high-definition, with a minimum resolution of 1280 x 720 pixels per frame. Video will be filmed in a landscape aspect ratio. Video filmed in a portrait aspect ratio will be considered unacceptable and will be rejected.

Preconstruction video recordings will be provided as electronic files of .avi, .mp4, .m4v, .mkv, .wmv, or .mpg file format, or of such other file format as may be approved by Engineer. Preconstruction video recordings will be provided as independent digital container format files, which container files will include all video, audio, and other electronic information necessary to view the preconstruction video recording as intended.

Video DVD will be considered an unacceptable format for providing preconstruction video recordings and will be rejected.

Preconstruction video recording electronic files will be provided on a portable electronic media device or devices of one of the following types: USB flash drive, SD flash memory card, CF flash memory card, data DVD, external hard drive, or such other portable electronic media device as may be approved by Engineer. Preconstruction video recording electronic files may also be provided via online file sharing, cloud storage, File Transfer Protocol (FTP), or other online or network file transfer methods if approved by Engineer.

Preconstruction video recording electronic files will be accompanied by corresponding logs which document the dates, times, and locations covered by each preconstruction video recording electronic file.

Contractor shall maintain copies of all items submitted to Engineer for Contractor's own use and record.

The bid price for PRECONSTRUCTION VIDEO RECORDING shall not exceed one percent (1%) of the total bid price. If the bid price for PRECONSTRUCTION VIDEO RECORDING exceeds one percent (1%) of the total bid price, the Village may reject the Bid.

Method of Measurement. This work will be measured for payment on a lump sum basis. No measurement will be made of the individual components of this effort.

Basis of Payment. This work will be paid for at the Contract lump sum price for PRECONSTRUCTION SURFACE VIDEO RECORDING.

ITEM #2: MOBILIZATION AND ACCESS

Description. Mobilization shall be according to Section 671 of the Standard Specifications.

Mobilization shall be coordinated with the Village of Arlington Heights. Access to manholes may require tree and brush removal, temporary haul roads, stabilization of ground to support construction equipment, and locations for storage of materials and vehicles.

All access plans shall be submitted and approved by Village and all coordinating entities, prior to mobilization. The following is a non-exhaustive list of entities requiring coordination:

a) Village of Arlington Heights

b) Village of Mount Prospect

c) IDOT

d) CCDOT

e) MWRD

f) Com Ed

g) Pace Bus

h) Illinois Department of Natural Resources

i) Private property owners as necessary.

Basis of Payment. All the work shall be paid for at the Contract Unit Price per Lump Sum for MOBILIZATION AND ACCESS per the following schedule:

a) On the first pay request, 30% of the pay item will be paid.

b) When 50% of the original Contract amount is earned, 50% of the pay item will be paid.

c) When 90% of the adjusted Contract value is earned, the remaining 20% of the original Contract pay item will be paid.

ITEM #3: CONSTRUCTION LAYOUT

Description. This work shall be in accordance with the Recurring Special Provisions for construction layout stakes with the following modifications:

The contract lump sum price for CONSTRUCTION LAYOUT must not be more than two percent (2%) of the Contract price.

As part of the final deliverable, the Contractor is to provide all rim and invert elevations, diameters, and changes to existing utilities marked up on a PDF file.

Basis of Payment. This work shall be paid for at the Contract lump sum price for CONSTRUCTION LAYOUT. 50% will be paid on the first invoice, with the remaining 50% paid upon receipt of approved as-builts.

ITEM #4: CHANGEABLE MESSAGE SIGN

Description. Contractor shall provide CHANGEABLE MESSAGE SIGN as shown in the plans and in accordance with IDOT Standard Specifications Section 701.

Basis of Payment. This work shall be paid for at the contract price per Calendar Day for CHANGEABLE MESSAGE SIGN

ITEM #5: SHORT TERM PAVEMENT MARKING REMOVAL

Description. Contractor shall provide SHORT TERM PAVEMENT MARKING REMOVAL as shown in the plans and in accordance with IDOT Standard Specifications Section 703.

Basis of Payment. This work shall be paid for at the contract price per Square Foot for SHORT TERM PAVEMENT MARKING REMOVAL

ITEM #6: TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS – TYPE IV TAPE

Description. Contractor shall provide TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - TYPE IV TAPE as shown in the plans and in accordance with IDOT Standard Specifications Section 703.

Basis of Payment. This work shall be paid for at the contract price per Square Foot for TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS – TYPE IV TAPE.

ITEMS #7 - #10: TEMPORARY PAVEMENT MARKING - LINE 4’’/LINE 6’’/LINE 12’’/LINE 24’’ – TYPE IV TAPE

Description. Contractor shall provide TEMPORARY PAVEMENT MARKING - LINE 4’’/LINE 6’’/LINE 12’’/LINE 24’’ – TYPE IV TAPE as shown in the plans and in accordance with IDOT Standard Specifications Section 703.

Basis of Payment. This work shall be paid for at the contract price per Foot for TEMPORARY PAVEMENT MARKING - LINE 4''/LINE 6''/LINE 12''/LINE 24'' – TYPE IV TAPE.

ITEM #11: TEMPORARY CONCRETE BARRIER

Description. Contractor shall provide TEMPORARY CONCRETE BARRIER as shown in the plans and in accordance with IDOT Standard Specifications Section 704.

Basis of Payment. This work shall be paid for at the contract price per Foot for TEMPORARY CONCRETE BARRIER.

ITEM #12: PINNING TEMPORARY CONCRETE BARRIER

Description. Contractor shall provide PINNING TEMPORARY CONCRETE BARRIER as shown in the plans and in accordance with IDOT Standard Specifications Section 704.

Basis of Payment. This work shall be paid for at the contract price per Each for PINNING TEMPORARY CONCRETE BARRIER.

ITEM #13: RELOCATE TEMPORARY CONCRETE BARRIER

Description. Contractor shall provide RELOCATE TEMPORARY CONCRETE BARRIER as shown in the plans and in accordance with IDOT Standard Specifications Section 704.

Basis of Payment. This work shall be paid for at the contract price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

ITEM #14: IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

Description. Contractor shall provide IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 as shown in the plans and in accordance with IDOT Standard Specifications Section 706.

Basis of Payment. This work shall be paid for at the contract price per Each for IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3.

ITEM #15: IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

Description. Contractor shall provide IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 as shown in the plans and in accordance with IDOT Standard Specifications Section 706.

Basis of Payment. This work shall be paid for at the contract price per Each for IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3.

ITEM #16: BARRIER WALL REFLECTORS, TYPE C

Description. Contractor shall provide BARRIER WALL REFLECTORS, TYPE C as shown in the plans and in accordance with IDOT Standard Specifications Section 782.

Basis of Payment. This work shall be paid for at the contract price per Each for BARRIER WALL REFLECTORS, TYPE C.

ITEM #17: PAVEMENT MARKING REMOVAL - WATER BLASTING

Description. Contractor shall provide PAVEMENT MARKING REMOVAL - WATER BLASTING as shown in the plans and in accordance with IDOT Standard Specifications Section 783.

Basis of Payment. This work shall be paid for at the contract price per Square Foot for PAVEMENT MARKING REMOVAL - WATER BLASTING.

ITEM #18: TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

Description. Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall contact the District One Bureau of Traffic at least 72 hours in advance of beginning work.

STANDARDS:
701101-05 Off-Road Operations, Multilane, 15' (4.5m) to 24" (600mm) From Pavement Edge
701106-02 Off-Road Operations, Multiline, 15’ (4.5m) Away
701421-08 Lane Closure, Multilane, day operations only, for speeds >= 45 MPH to 55 MPH
701422-10 Lane Closure, Multilane, for Speeds >= 45 MPH to 55 MPH
701426-09 Lane Closure, Multiline, Intermittent or Moving Operation for Speeds >= 45 MPH
701427-05 Lane Closure, Multiline, Intermittent or Moving Operation, for Speed <= 40 MPH
701601-09 Urban Lane Closure, Multilane, 1W or 2W with Nontraversable Median
701602-10 Urban Lane Closure, Multilane, 2W with Bidirectional Left Turn Lane
701606-10 Urban Single Lane Closure, Multilane, 2W with Mountable Median
701701-10 Urban Lane Closure, Multilane Intersection
701801-06 Sidewalk, Corner or Crosswalk Closure
701901-09 Traffic Control Devices
704001-08 Temporary Concrete Barrier

DETAILS:
TC-10 Traffic Control and Protections for Side Roads, Intersection and Driveways
TC-14 Traffic Control and Protection at Turn Bays (To Remain Open to Traffic)
TC-16 Short-Term Pavement Marking Letters and Symbols
TC-21 Detour Signing for Closing State Highways
TC-22 Arterial Road Information Sign
TC-26 Driveway Entrance Signing

SPECIAL PROVISIONS:
Maintenance of Roadways (D1)
Public Convenience and Safety (D1)
Traffic Control And Protection (Arterials) (D1)
Temporary Information Signing (D1-Trf)
Keeping Arterial Roads Open to Traffic (Lane Closures Only) (D1-Trf)
Raised Reflective Pavement Marker, Reflector Removal (D1-Trf)
Raised Reflective Pavement Marker, Reflector Replacement (D1-Trf)
Traffic Signal General Requirements (D1-Trf)
Temporary Traffic Signal Timing (D1-Trf)
Short Term and Temporary Pavement Markings (BDE)
Vehicle and Equipment Warning Lights (BDE)
Work Zone Traffic Control Devices (BDE)
Work Zone Traffic Control Surveillance (LRS 3)
Flaggers in Work Zones (LRS 4)

Specific traffic control plan details and Special Provisions have been prepared for this contract. This work shall include all labor, materials, transportation, handling and

incidental work necessary to furnish, install, maintain and remove all traffic control devices required as indicated in the plans and as approved by the Engineer.

When traffic is to be directed over a detour route, the Contractor shall furnish, erect, maintain and remove all applicable traffic control devices along the detour route according to the details shown in the plans.

Method of Measurement: All traffic control (except "Traffic Control and Protection (Expressways)" and temporary pavement markings) indicated on the traffic control plan details and specified in the Special Provisions will be measured for payment on a lump sum basis.

Basis of Payment: All traffic control and protection will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL).Temporary pavement markings will be paid for separately unless shown on a Standard.

ITEM #19: RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL

Description: This work shall be completed in accordance with Section 783 of the Standard Specifications for Road and Bridge Construction. This work shall consist of removing the reflector unit from existing raised reflector pavement markers that will remain in place at the end of construction activities. Existing reflectors that conflict with revised traffic patterns shall be removed immediately to facilitate a change in lane assignment. If darkness or inclement weather prohibits the removal operations, such operation shall be resumed the next morning of when weather permits.

The base casting shall remain in place in areas where no pavement rehabilitation is required, therefore only the reflector shall be removed. Debris from the removal operations shall be removed from the pavement prior to opening the roadway to traffic.

Basis of Payment: This work will be measured for payment at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL. Payment shall be full compensation for materials, labor and equipment required to complete this work.

ITEM #20: RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT

Description: This work shall be completed in accordance with Section 781 of the Standard Specifications for Road and Bridge Construction. This work shall consist of reinstallation of reflectors into the raised pavement marker castings upon completion of staging in which the markers were in conflict with temporary lane usage.

Basis of Payment: This work will be measured for payment at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT. Payment shall be full compensation for materials, labor and equipment required to complete this work.

ITEM #21: TEMPORARY TRAFFIC SIGNAL TIMING

Description. This work shall consist of developing and maintaining appropriate traffic signal timings for the specified intersection for the duration of the temporary signalized condition, as well as impact to existing traffic signal timings caused by detours or other temporary conditions.

All timings and adjustments necessary for this work shall be performed by an approved Consultant who has previous experience in optimizing Traffic Signal Systems for District One of the Illinois Department of Transportation. The Contractor shall contact the Traffic Signal Engineer for a listing of approved Consultants.

The following tasks are associated with TEMPORARY TRAFFIC SIGNAL TIMING:

(a) Consultant shall attend temporary traffic signal inspection (turn-on) and/or detour meeting and conduct on-site implementation of the traffic signal timings.

(b) Consultant shall be responsible for making fine-tuning adjustments to the timings in the field to alleviate observed adverse operating conditions and to enhance operations.

(c) Consultant shall provide monthly observation of traffic signal operations in the field.

(d) Consultant shall provide on-site consultation and adjust timings as necessary for construction stage changes, temporary traffic signal phase changes, and any other conditions affecting timing and phasing, including lane closures, detours, and other construction activities.

(e) Consultant shall make timing adjustments and prepare comment responses as directed by the Area Traffic Signal Maintenance and Operations Engineer.

(f) Return original timing plan once construction is complete.

Basis of Payment. The work shall be paid for at the Contract unit price each for TEMPORARY TRAFFIC SIGNAL TIMING, which price shall be payment in full for performing all work described herein per intersection. When the temporary traffic signal installation is turned on and/or detour implemented, 50 percent of the bid price will be paid. The remaining 50 percent of the bid price will be paid following the removal of the temporary traffic signal installation and/or detour.

ITEM #22: TEMPORARY INFORMATION SIGNING

Description. This work shall consist of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

Materials. Materials shall be according to the following Articles of Section 1000 - Materials:

Item - Article/Section

a.) Sign Base (Note 1) - 1090

b.) Sign Face (Note 2) - 1091

c.) Sign Legends - 1091

d.) Sign Supports - 1093

e.) Overlay Panels (Note 3) - 1090.02

Note 1. The Contractor may use 5/8 inch (16 mm) instead of 3/4 inch (19 mm) thick plywood.

Note 2. The sign face material shall be in accordance with the Department’s Fabrication of Highway Signs Policy.

Note 3. The overlay panels shall be 0.08 inch (2 mm) thick.

GENERAL CONSTRUCTION REQUIREMENTS

Installation. The sign sizes and legend sizes shall be verified by the Contractor prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing bridges, sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs and/or structures due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

Method of Measurement. This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

Basis Of Payment. This work shall be paid for at the contract unit price per square foot (square meter) for TEMPORARY INFORMATION SIGNING.

ITEM #23: BYPASS PUMPING

Description. Where complete bypassing of flow is required, the Contractor shall be required to submit drawings and complete design data showing methods and equipment to be utilized in bypass and dewatering operations.

The bypass plan shall include the following information:

1. Location of temporary sewer plugs and bypass discharge lines
2. Capacities of pumps, prime movers, and standby equipment
3. Type of standby power source
4. Traffic control plan
5. Setup process and sequencing

When pumping and bypassing is required, the Contractor shall furnish all temporary pumps, conduits, and other equipment to divert the flow of sewage around the sewer section in which work is to be performed. The bypass system shall have sufficient capacity to handle existing flow plus additional flow that may occur during peak flow periods or from precipitation. The Contractor shall be fully responsible for maintaining sewer service during these operations and shall not be allowed to backup or flood any sewer system user, building, or property. The Contractor shall be solely liable for property damages that result from the work being performed.

The Contractor shall construct bypass system of material to prevent leakage during pumping operation. Contractor shall be responsible for providing all fuel and performing all routine maintenance for the temporary by-pass pumping set while at the job site. The temporary unit may be disconnected and removed from the site at the end of the construction.

The Contractor shall equip all engines with mufflers and/or enclose to keep noise level less than 50 decibels, or 10 decibels above ambient noise levels when measured at building closest to noise source.

The Contractor shall maintain sufficient labor, equipment and materials on site to ensure continuous and successful operation of bypass and dewatering systems including the following:

1. Keep standby pumps fueled and operational at all times

2. Maintain on site sufficient number of valves, tees, elbows, connections, tools, sewer plugs, piping, and other parts or system hardware to ensure immediate repair or modification of any part of system as necessary.

3. Provide piping, joints and accessories designed to withstand at least twice the maximum system pressure or 50 psi (345 kPa), whichever is greater.

In areas where flows are bypassed, all discharge flow shall be returned to the sanitary sewer. No bypassing to ground surface, receiving waters, storm drains, or bypassing which results in groundwater contamination or potential health hazards shall be permitted.

In the event sewage is released into a storm drainage system or street, the Contractor shall immediately stop the release, notify IEPA, and take all necessary actions to clean up and disinfect spillage to satisfaction of the Engineer. Contractor shall have straw bales and/or excelsior rolls on site to mitigate any spillage immediately.

During plugging or bypass pumping operations the Contractor shall utilize sewer plugs specifically designed so that all or any portion of sewage can be released. During sewer flow control operations, reduce flow to comply with requirements as described above. After cleaning, inspection, installation or rehabilitation work has been completed, including manhole rehabilitation, restore the flow to normal.

The following are the typical average daily and peak daily flows that have been recorded and is provided for informational purposes only. The Contractor is responsible for sizing the individual bypasses with the understanding that the actual flows may vary significantly.

- Average Daily Flow: 0.6 MGD

- Daily Peak Flow: 0.9 MGD

Personnel must be available 24/7 to address any malfunction of the pumps/bypass system. Redundancy shall be built into the bypass system, and the ability to relieve the bypass in the event of a pump malfunction must be available. No work shall be completed with precipitation in the forecast or up to 48 hours after a rain event without prior approval from the Village. Furnish, install, and maintain temporary utilities required for construction; remove on completion of work.

Basis of Payment. This item shall be paid at the Contract Unit Price per Lump Sum for BYPASS PUMPING.

ITEM #24: THERMOPLASTIC PAVEMENT MARKINGS – LETTERS AND SYMBOLS

Description. This work shall be according to Article 780 of the Standard Specifications and the following:

This item shall include all striping to be done at the locations shown on the plans or where directed by the Engineer and shall be of the size and color specified in the plans or as determined in the field by the Engineer.

Striping necessitated by placement of Incidental Hot Mix Surfacing will not be paid for under this item.

Basis of Payment. This work will be paid for at the contract unit price per Square foot for THERMOPLASTIC PAVEMENT MARKINGS – LETTERS AND SYMBOLS.

ITEMS #25 - #29: THERMOPLASTIC PAVEMENT MARKINGS – LINES 4'', 6'', 12'', 24'', & DOUBLE YELLOW 4''

Description. This work shall be according to Article 780 of the Standard Specifications and the following:

This item shall include all striping to be done at the locations shown on the plans or where directed by the Engineer and shall be of the size and color specified in the plans or as determined in the field by the Engineer.

Striping necessitated by placement of Incidental Hot Mix Surfacing will not be paid for under this item.

Basis of Payment. This work will be paid for at the contract unit price per linear foot for THERMOPLASTIC PAVEMENT MARKINGS for the size and type specified.

ITEM #30: RAISED REFLECTIVE PAVEMENT MARKER, TYPE B

Description. This work shall be according to Article 781 of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKERS, TYPE B.

ITEM #31: REPLACE STREET LIGHT WIRING

Description. The Contractor shall replace all street light wiring that is removed during the project.

All work must comply with relevant local, state, and national electrical codes and standards.

All repairs must meet Village of Arlington Heights specifications. Scott Bellinger with the Village of Arlington Heights Public Works must be contacted for any street light replacement at 847-368-5800.

Basis of Payment. This work will be paid for at the contract unit price per linear foot for REPLACE STREET LIGHT WIRING.

ITEM #32: STABILIZED CONSTRUCTION ENTRANCE

Description. Stabilized construction entrance shall be installed in accordance with the standard detail and the IDOT Bureau of Local Roads and Streets Manual Section 41-3.06(a), and as shown on the plans. Stabilized entrance/exit shall be checked on a regular basis as it may require periodic top dressing.

This item consists of a stabilized pad of coarse aggregate, underlain with geotextiles designed to vibrate accumulated sediment from tires and under chassis. This is to be located at any point where traffic will be entering and leaving the construction site.

Basis of Payment. This item shall be paid at the contract unit price per each for STABILIZED CONSTRUCTION ENTRANCE.

ITEM #33: DETECTOR LOOP REPLACEMENT

Description. This work shall be according to Article 886 and 1079 of the Standard Specifications.

The contractor is responsible for replacing all detector loops within the project limits.

Basis of Payment. This work will be paid for at the contract unit price per linear foot for DETECTOR LOOP REPLACEMENT.

ITEM #34: INLET FILTERS

Description. This work shall consist of installing, maintaining and cleaning inlet filters as shown on the plans or as directed by the Engineer. This work shall be in accordance with Section 280 of the Standard Specifications, except as modified herein.

Inlet filters shall consist of metal frames with attached fabric bags. Contractor shall furnish inlet filters of appropriate sizes and shapes necessary to accommodate all different types

of drainage structures encountered. The use of filter fabric without a frame will not be an acceptable material for inlet filters and will be rejected.

Contractor shall inspect and clean all inlet filters weekly, after every rainfall, and additionally as needed. Maintenance and cleaning of inlet filters will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each individual inlet filter installed and the unit of measurement will be each. No measurement will be made of maintenance and cleaning efforts. If an inlet filter is installed on multiple structures the inlet filter will only be measured for payment once.

Basis of Payment. This work will be paid for at the contract unit price per each for INLET FILTERS.

ITEM #35: SILT FENCE

Description. This item includes the installation of a silt fence to provide erosion control. Contractor shall provide erosion control protection as necessary and installed in accordance with IDOT Standard Specifications Article 280. Silt fence shall be incorporated into the project at the earliest practicable time and should be installed along staging area on Com Ed property. This item shall include all materials, installation, maintenance and removal at the end of the project.

Basis of Payment. This work will be measured and paid for at the contract unit price per linear foot for SILT FENCE, which price shall include all labor, equipment, and material necessary to complete the specified work.

ITEMS #36 - #37: SANITARY SEWER PIPE, PVC, ASTM D 3034 SDR 26, 6'' 8'', OPEN CUT

Description. This work shall be according to the Standard Specifications for Sewer and Water Main Construction in Illinois Latest Edition and the following:

Materials. PVC Sewer Pipe and Fittings:

Pipe:

- 6 inch diameter: ASTM D 3034, SDR 26
- 8 inch diameter: ASTM D 3034, SDR 26

Fittings such as saddles, elbows, tees, and wyes shall be factory produced and have joint design compatible with adjacent pipe. Gasketed SDR26 sewer fittings shall meet ASTM D3034. Provide approved adapters for transitions to other types of pipe materials.

Pipe Joints: Rubber Gasket ASTM F477. Bell and spigot joint conforming to ASTM D3139, sealed by rubber gasket so assembly remains watertight under conditions of service including movements resulting from expansion, contraction, settlement, and deformation of pipe. Field applied heat fusion or solvent welded joints between pipe sections, pipe and fittings or fitting components will not be permitted. Assembled joint shall pass performance tests as required in ASTM D3139.

Pipe Markings: Manufacturer's name or trademark; Nominal pipe size; PVC cell classification; ASTM and SDR/PS classification; Extrusion date, period of manufacture or lot number.

Pipe shall be subject to rejection for fractures or cracks passing through pipe wall or socket; cracks sufficient to impair strength, durability of serviceability of pipe; variations of more than 1/8 inch/lineal foot in alignment in pipe intended to be straight; damaged ends.

Flexible connectors: shall be non-shear mission couplings or approved equal for joining pipes of dissimilar material and/or size.

Bedding. Bedding shall be per standard details – CA-7 minimum of 4” below the pipe and 12” above the pipe.

Backfill. Backfill requirements shall be per TRENCH BACKFILL.

Execution. Pipe Installation:

Before construction of the sewer along Dempster Street, the Contractor is to confirm the elevation of the service of 1590 Busse Road.

- Install pipe and gaskets in accordance with manufacturer's recommendations. Install PVC pipe in accordance with ASTM D2321.

- Trenching shall be provided – including sheeting, shoring, and bracing as necessary to be compatible with Contractor’s specific construction procedures.

- Dewatering may be required so that excavations are kept free from water. Lay pipe only after trench is dewatered.

- Primary line and grade shall be provided by the Contractor. Contractor shall arrange work operations to avoid interference with establishment of primary lines and grades. Contractor shall bear sole responsibility for correct transfer of

construction lines and grades and for correct alignment and grade of completed work, based upon lines and grades shown on drawings.

- Begin laying pipe from lowest point in proposed sewer line where possible. Lay pipe with bell end of bell and spigot pipe pointing upgrade. Lay pipe uniformly to line and grade so finished sewer will present uniform bore. Continuously monitor line and grade of pipe, and in event they do not meet specified limits described hereinafter, stop work immediately, notify Engineer, and remedy cause before proceeding with work.

- Retain pipe in position to maintain alignment and joint closure until backfill completed to hold pipe in place. Lay pipe to conform to prescribed line and grade shown on drawings with limits as follows: Variance from established line and grade shall not be greater than 1/32 inch per inch of pipe diameter and not to exceed maximum 2 inch, provided any such variation does not result in level or reverse sloping invert; provided also, variation in invert elevation between adjoining ends of pipe, due to non-concentricity of joining surface and pipe interior surfaces, does not exceed 1/64 inch per inch of pipe diameter, or 2 inch maximum.

Rubber Gasket Joints:

- Immediately before making joint, lubricate outside of gasket and inside of bell or groove of last pipe with approved vegetable lubricant. Take care that gasket and pipe ends are clean and free of sand, gravel, dirt or other foreign materials. Introduce spigot of pipe being laid with gasket in place, into bell of previously laid pipe.

- Set pipe to line and grade, and then jack or push completely home. During insertion of the spigot, pipe shall be partially supported by hand or crane to minimize unequal lateral pressure on the gasket and maintain concentricity until gasket is properly positioned. Employ whatever procedures necessary to seat spigots fully into bells without damaging or placing excessive stress on pipes.

- Connection of sanitary services shall include the filling of any voids which may be found to exist around the lateral. The void space shall be filled with hydraulic cement or other approved material for a minimum distance of three feet.

- Backfill in accordance with standard details and specifications.

- When the sewer has been backfilled, temporary aggregate is to be placed in the trench to surface until the pavement can be installed.

- A steel plate will be permitted only over the open excavation so that work may continue the following day.

- During surface restoration temporary aggregate is to be removed and replaced with concrete base and pavement/driveway per these specifications

Sewer Testing. CONTRACTOR shall pull a "95%" mandrel through PVC pipes after pipes have been backfilled for 30 days to demonstrate roundness.

The CONTRACTOR shall perform a closed-circuit television inspection of the new sewer system, excepting sewer services. Televising shall show that the sewer system has been constructed in accordance with the approved plans and specifications, that the sewer is free and clear of all accumulations of foreign substance and debris to prevent clogging, and that there are no structural defects.

Prior to televising the sewer, the Contractor shall at his own expense, clean the sewer line with a jetter or other equipment approved by the Engineer.

All pressure testing must be complete before service connections are made.

Upon completion of such inspection, and upon receipt of a written report of such inspection, together with an external hard drive of the actual inspection, and, if satisfied that such sewer is free and clear of all foreign substance, and free of all structural defects, the Engineer shall give approval of the sanitary sewer. All inspection reports and video recordings shall remain the property of the Village.

Failure criteria for sewer testing.

- Visible infiltration at any joint which, in Engineer’s opinion, exceeds one gallon per minute.
- Joints not "fully home" in accordance with pipe manufacturer's recommendations.
- Out-of-roundness in PVC pipes which, in Engineer’s opinion, exceeds 5% of the pipe diameter.
- Cracks or spall in pipe
- Displaced gaskets.

Correction of defects.

- Repair sections failing tests or quality requirements by removal and replacement of affected sections, internal or external grouting of failed joints or other defects not permitted.

- Correct sewers failing deflection tests by re-excavating to sewer at point of failure and 10 feet on either side, allowing sewer to return to original round cross-section, and re-backfilling according to specifications. Re-test deflection limits as described herein. Sewers failing to return to original round cross-section or failing second deflection test shall be removed and replaced at no additional cost to Owner. Use of devices generating internal pressures or vibrations to correct sewers failing deflection testing is expressly prohibited.

Basis of Payment. This work will be paid for at the Contract unit price per foot for SANITARY LATERAL/SEWERS, OPEN CUT, PVC, ASTM D3034, SDR 26 for the size specified.

ITEMS #38, #40, #41: SANITARY SEWER PIPE, PVC, AWWA C900, DR 25, 12''- 24'', OPEN CUT, ALL DEPTHS

Description. This work shall be according to the Standard Specifications for Sewer and Water Main Construction in Illinois Latest Edition and the following:

Materials. PVC Sewer Pipe and Fittings:

Pipe:

- 12 inch to 24 inch diameter: AWWA C900, DR 25.

Fittings such as saddles, elbows, tees, and wyes shall be factory produced and have joint design compatible with adjacent pipe. Gasketed SDR26 sewer fittings shall meet ASTM D3034. Provide approved adapters for transitions to other types of pipe materials.

Pipe Joints: Rubber Gasket ASTM F477 bell and spigot joint conforming to ASTM D3139, sealed by rubber gasket so assembly remains watertight under conditions of service including movements resulting from expansion, contraction, settlement, and deformation of pipe. Field applied heat fusion or solvent welded joints between pipe sections, pipe and fittings or fitting components will not be permitted. Assembled joint shall pass performance tests as required in ASTM D3139.

Pipe Markings: Manufacturer's name or trademark; Nominal pipe size; PVC cell classification; ASTM and SDR/PS classification; Extrusion date, period of manufacture or lot number.

Pipe shall be subject to rejection for fractures or cracks passing through pipe wall or socket; cracks sufficient to impair strength, durability of serviceability of pipe; variations of more than 1/8 inch/lineal foot in alignment in pipe intended to be straight; damaged ends.

Flexible connectors: shall be non-shear mission couplings or approved equal for joining pipes of dissimilar material and/or size.

Bedding. Bedding shall be per standard details located in the plans. Minimum bedding below the pipe shall be ¼ of the outside diameter of the pipe and 12" above the pipe. Bedding below the pipe shall be no less than 4". For the 24" pipe the minimum bedding below the pipe shall be 6.5"

Backfill. Backfill requirements shall be per TRENCH BACKFILL.

Execution. Pipe Installation:

- Install pipe and gaskets in accordance with manufacturer's recommendations. Install PVC pipe in accordance with ASTM D2774.

- Trenching

    - Contractor shall bear sole responsibility for protecting adjacent areas, facilities, and structures from construction operations. Sheeting, shoring, and bracing are an integral part of Contractor's construction methods
    - Prepare written description of proposed construction procedures and compatible detailed designs for sheeting, shoring, and bracing
    - The Contractor may propose other means of supporting the sides of the excavation other than temporary sheet piling, provided they are done so at no extra cost to the project. If the Contractor elects to vary from temporary sheet piling, design calculations and details shall be submitted to the Engineer for approval.
    - All procedures and designs for excavations deeper than 20 feet shall be prepared and sealed by an Illinois Licensed Structural Engineer.

- Dewatering may be required so that excavations are kept free from water. Lay pipe only after trench is dewatered.

- Primary line and grade shall be provided by the Contractor. Contractor shall arrange work operations to avoid interference with establishment of primary lines and grades. Contractor shall bear sole responsibility for correct transfer of construction lines and grades and for correct alignment and grade of completed work, based upon lines and grades shown on drawings.

- Begin laying pipe from lowest point in proposed sewer line where possible. Lay pipe with bell end of bell and spigot pipe pointing upgrade. Lay pipe uniformly to line and grade so finished sewer will present uniform bore. Continuously monitor line and grade of pipe, and in event they do not meet specified limits described hereinafter, stop work immediately, notify Engineer, and remedy cause before proceeding with work.

- Retain pipe in position to maintain alignment and joint closure until backfill completed to hold pipe in place. Lay pipe to conform to prescribed line and grade shown on drawings with limits as follows: Variance from established line and grade shall not be greater than 1/32 inch per inch of pipe diameter and not to exceed maximum 2 inch, provided any such variation does not result in level or reverse sloping invert; provided also, variation in invert elevation between adjoining ends of pipe, due to non-concentricity of joining surface and pipe interior surfaces, does not exceed 1/64 inch per inch of pipe diameter, or 2 inch maximum.

Rubber Gasket Joints:

- Immediately before making joint, lubricate outside of gasket and inside of bell or groove of last pipe with approved vegetable lubricant. Take care that gasket and pipe ends are clean and free of sand, gravel, dirt or other foreign materials. Introduce spigot of pipe being laid with gasket in place, into bell of previously laid pipe.

- Set pipe to line and grade, and then jack or push completely home. During insertion of the spigot, pipe shall be partially supported by hand or crane to minimize unequal lateral pressure on the gasket and maintain concentricity until gasket is properly positioned. Employ whatever procedures necessary to seat spigots fully into bells without damaging or placing excessive stress on pipes.

- Connection of sanitary services shall include the filling of any voids which may be found to exist around the lateral. The void space shall be filled with hydraulic cement or other approved material for a minimum distance of three feet.

- Backfill in accordance with standard details and specifications.

- When the sewer has been backfilled, temporary aggregate is to be placed in the trench to surface until the pavement can be installed.

- A steel plate will be permitted only over the open excavation so that work may continue the following day.

- During surface restoration temporary aggregate is to be removed and replaced with concrete base and pavement/driveway per these specifications

Sewer Testing.

All pressure testing must be complete before service connections are made. After the pipe has been laid and partially backfilled, the newly laid pipe shall be temporarily plugged and subjected to hydrostatic tests in accordance with Section 13 of AWWA Specification C600. The duration of the test shall be a minimum of one hour @ 150 P.S.I. and shall not vary more than 5 psi. for the duration of the testing period.

The CONTRACTOR shall perform a closed-circuit television inspection of the new sewer system, excepting sewer services. Televising shall show that the sewer system has been constructed in accordance with the approved plans and specifications, that the sewer is free and clear of all accumulations of foreign substance and debris so as to prevent clogging, and that there are no structural defects.

Prior to televising the sewer, the Contractor shall at his own expense, clean the sewer line with a jetter or other equipment approved by the Engineer.

Upon completion of such inspection, and upon receipt of a written report of such inspection, together with an external hard drive of the actual inspection, and, if satisfied that such sewer is free and clear of all foreign substance, and free of all structural defects, the Engineer shall give approval of the sanitary sewer. All inspection reports and video recordings shall remain the property of the Village.

Failure criteria for sewer testing.

- Visible infiltration at any joint which, in Engineer’s opinion, exceeds one gallon per minute.
- Joints not "fully home" in accordance with pipe manufacturer's recommendations.
- Out-of-roundness in PVC pipes which, in Engineer’s opinion, exceeds 5% of the pipe diameter.
- Cracks or spall in pipe
- Displaced gaskets.

Correction of defects.

- Repair sections failing tests or quality requirements by removal and replacement of affected sections, internal or external grouting of failed joints or other defects not permitted.
- Correct sewers failing deflection tests by re-excavating to sewer at point of failure and 10 feet on either side, allowing sewer to return to original round cross-section, and re-backfilling according to specifications. Re-test deflection limits as described herein. Sewers failing to return to original round cross-section or failing second deflection test shall be removed and replaced at no additional cost to Owner. Use of devices generating internal pressures or vibrations to correct sewers failing deflection testing is expressly prohibited.

Basis of Payment. This work will be paid for at the Contract unit price per foot for SANITARY SEWERS OPEN CUT, PVC, AWWA C900, DR 25, of the diameter and type

specified. Backfill shall be paid for separately. All pavement removal is to be included in this pay item.

ITEM #39: SANITARY SEWER PIPE, VCP, ASTM C4, C-700, 12'', OPEN CUT, ALL DEPTHS

Description. This work shall be according to the Standard Specifications for Sewer and Water Main Construction in Illinois Latest Edition and the following:

VCP sewer pipe. ASTM C-700 with joints meeting ASTM C-425.

This work shall be performed in accordance with the MWRD Notes, sheet 3, in the plan set.

Basis of Payment. This work will be paid for at the Contract unit price per foot for SANITARY SEWERS, OPEN CUT, 12", VCP, ASTM C-700, 24 TO 28 FT DEEP. Backfill shall be paid for separately. All pavement removal is to be included in this pay item.

ITEM #42: STORM SEWERS, OPEN CUT, 12'', RCP, CLASS IV, ALL DEPTHS

Description. This work shall be in accordance with Section 550 of the Standard Specifications and with the details in the plans, except as modified herein.

This work shall consist of constructing storm sewers at the locations and depths shown on the plans or as directed by the Engineer.

Materials. Storm sewer pipe shall be round reinforced concrete pipe conforming with ASTM C76/AASHTO M170 and shall be of adequate strength to support the trench loads applied.

The sewer shall be constructed with rubber gasketed (O-ring) joints meeting the requirements of ASTM C-361 for Reinforced Concrete Low Head Pressure Pipe. The bell and spigot or tongue and groove ends shall be machine formed to ensure accurate joint surfaces and shall be stepped to accommodate a round compression type rubber gasket.

Rubber gaskets shall be extruded or molded in such a manner that any cross section will be dense, homogeneous, and free of porosity, blisters, pitting and other imperfections. The gaskets shall be fabricated from a high-grade rubber compound containing no reclaimed rubber. The basis polymer shall be natural rubber, synthetic rubber or a blend of both. The physical properties of the rubber gaskets and the permissible variations in dimensions shall conform to the requirements of those specified in the specifications for Rubber Gaskets, ASTM Designation C361.

The gaskets shall be seated on the joint in accordance with the manufacturer specifications. Where adhesive is required to properly seat the gasket, the gasket shall be applied not less than 24 hours prior to installing the pipe.

When the pipe is lowered into the trench, installers shall make certain that no dirt is clinging to the jointing surface or lodged under the gasket. The gasket and inside surface of the groove shall be thoroughly lubricated as specified by the gasket manufacturer. The tongue end shall be carefully centered in the groove so as to avoid the displacement of the gasket, and the pipe shall be driven home, fully deforming the gasket, by use of a cable and winch set inside the pipeline, at least two pipe lengths back, or by other methods approved by the Engineer. Adjustment to line and grade shall be made in such a manner as not to disturb the deformed gasket.

If replacing existing sewer, removal of existing sewer and plugging/abandoning of existing sewer is incidental to this item.

Basis of Payment. Payment will be made at the contract unit price per Linear Foot for STORM SEWERS, OPEN CUT, 12'', RCP, CLASS, of the size, material and type specified, which shall be payment in full for all bedding, sheeting, shoring, dewatering, closed circuit T.V. inspection, and connections between different pipe materials. Pipe connections to existing manhole or existing sewers will not be paid for separately but will be included in the cost of the proposed pipe.

ITEMS #43 - #51: SANITARY MANHOLES, TYPE A, 4'/5'/6' DIAMETER, TYPE 1 FRAME, CLOSED LID & SANITARY MANHOLES, TYPE A, 4'/5'/6' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP

Description. This work shall be in accordance with Section 602 of the Standard Specifications and with the details in the plans, except as modified herein.

This work shall include furnishing and installing precast manhole structures as shown on the Plans.

Materials. Materials to be new and provided in unopened containers where applicable.

The base shall be 6-inch nominal thickness and integral with the structure. Provide channels in invert to direct flows from incoming to outgoing pipe.

Flexible synthetic rubber boots meeting ASTM C-923 shall be installed on all pipe connections. Cast-in or pressed-on type boots are permitted. Cast-in type boot shall be installed in initial pouring of manhole section.

Walls shall be precast sections conforming to ASTM C478. Sections and component parts to be marked by manufacturer with trade name and/or trademark and ASTM designation.

Wall thickness shall be 5” minimum. Holes shall be smooth, radial to centerline of manhole, and perpendicular to manhole wall.

All adjusting rings shall be precast concrete with steel reinforcement sufficient to prevent cracking in normal handling and use. Mating faces must be smooth, parallel, and free from cracks, chips, spall or casting irregularities interfering with watertight mating to structure top or casting. Provide grooves in faces to contain extrudable preformed plastic gasket material when possible. Adjusting rings shall range between 2-inch nominal minimum and 12-inch nominal maximum thickness. Total adjustment height shall not exceed 12” or a quantity of 2 rings.

Premium butyl sealant shall be installed between each ring. Joint sealant should be made of butyl rubber material in flexible rope form in accordance with ASTM C-990. Approved products are EZ-Stik premium butyl sealant by Press Seal Corporation or equal. Thickness.

When adjusted in pavement, at least one rubber composite adjustment riser with a minimum thickness of 2” shall be installed in accordance with manufacturer’s recommendations and as shown on the standard details. EJ INFRA-RISER or approved equal shall be used.

Manhole opening shall be eccentric on cone.

All pre-cast manhole sections (wall and cone) are to be supplied with pre-applied coating of ConSeal CS-55 Water Based product or approved equal. Cones shall be provided with a vertical “upstand”.

External chimney seals are to be installed on all new manholes. Acceptable external chimney seals include Infi-Shield or an approved equal.

All external joint sealing bands shall conform to ASTM C-877. Approved products are Canusa WrapidSeal, Infi-Shield Gator Wrap or approved equal. External joint seals shall consist of a collar 9 inches wide with an outer layer of polyethylene, with a minimum tensile strength of 4000 psi and a minimum tear resistance of 1500 psi, and an under layer of rubberized mastic that is reinforced with the collar 3/4 inches from the edge. The straps shall be confined in tubes that isolate them from the mastic and allow them to slip freely when mechanically tightened and locked around the manhole. The collar shall be furnished with a minimum 6 inches overlap and a closing flap to cover any remaining exposed strap.

Refer to General Special Provisions for specification of Frame and Lid.

Construction.

- Connect pipe using flexible boots in accordance with boot manufacturer's instructions: 1. Center pipe in boot; 2. Take special care to ensure connections are watertight.

- Place O-ring gasket or double row of extrudable pre-form plastic gasket between manhole sections. Place external Sealing Bands as shown on the detail at each joint between manhole sections in accordance with the manufacturer's instructions. Grout all lift holes from the inside and outside with a non-shrink grout, prior to backfilling.

- Place appropriate top section, cone (depth > 6 feet). Place two adjusting rings maximum on manhole top. Thickness of adjusting rings shall be 2 inches to 12 inches as necessary to bring completed manhole to required elevation. Maximum height of adjustment shall be 12 inches. Place extrudable preformed plastic gasket material between adjusting ring and manhole top, and between adjusting ring and manhole frame. Avoid use of overly thick gasket material such as will likely produce after-settlement of manhole frame due to long-term cold flow of gasket materials. For un-grooved adjusting ring, provide two rows of 2 inch by 2 inch or 3/4 inch by 3/4-inch gasket material. For grooved adjusting rings, provide size gasket material recommended by ring manufacturer. Single or multiple grooved rings permitted. Where multiple grooved rings are used, place gasket material in each groove.

- Install manhole frame and cover and External Manhole Chimney Seal as shown on the detail, with extensions where needed to cover the entire chimney area, in accordance with the manufacturer's instructions. Provide digital photo of Manhole showing external chimney seal installed such that the manhole and its location are identified.

- Pour manhole invert. Provide poured-in-place channels (if manholes not furnished with precast inverts) to direct flows from in-coming pipes to outgoing pipes. Channels shall smoothly blend flows. Make channel horseshoe shaped. Width and depth equal to size of outlet sewer. To maintain flexibility of pipe connection boot, plug annular space between pipe and boot which falls in area where invert to be poured with extrudable preformed plastic gasket material. Plug shall prevent concrete from entering space between pipe and boot. Invert channels may be placed any time after manhole base section (and connecting pipe) is backfilled.

Testing. New manholes shall be tested for water tightness in accordance with ASTM C969-94 – "Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Pre-cast Concrete Pipe Sewer Lines", Vol. 04.05, Chemical Resistant Materials, Vitrified Clay, Concrete, Fiber-Cement Products; Mortars; Masonry (1996) (no later editions or amendments) or ASTM C1244-93 "Standard Test Method for Concrete Sewer Manholes by the Negative Pressure (Vacuum) Test", Vol. 04.05, Chemical Resistant Materials, Vitrified Clay, Concrete, Fiber-Cement Products; Mortars; Masonry (1996) (no later editions or amendments) prior to placing into service. Also refer to VACUUM TESTING specification.

Installation may be rejected because of: 1. Use of individual components subject to rejection; 2. Failure to conform to installation requirements; 3. Visible infiltration; 4. Variation from true vertical alignment by more than 2% of depth; 5. Variations in pipe and rim elevations greater than 0.5 inches from elevations shown on plans; 6. Test failure.

Manholes shall be tested after installation and when all connections are in place. Lift holes, if any, shall be plugged with an approved, non-shrinkable grout prior to testing. Drop connections shall be installed prior to testing. The vacuum test shall include testing of the seal between the concrete cone, slab, walls, and pipe seals. Manhole vacuum testing shall be performed after all adjacent underground utilities have been installed and all manholes have been backfilled to final grade.

Existing Pipe connections. Any pipe up to four feet (4') in length per each pipe used to connect existing pipes to the proposed structure shall be included in the cost of the proposed structure. The pipe shall have a minimum standard dimension ratio (SDR) of 26 and shall conform to ASTM designation D-3034. Connections to existing sewer lines shall be made using non-shear Fernco Strong Back RC 5000 Series or Mission Flex-Seal adjustable repair couplings equipped with stainless steel bands and shall be included in the cost of this item.

Drop Manhole. Inside drop, where required shall be installed per standard detail as shown on Detail Sheets in the Plans.

Basis of Payment. The work shall be paid at the Contract Unit Price per Each SANITARY MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID. Costs for all materials and labor to install manhole and make all necessary pipe connections, and dewatering shall be included in the Contract price.

The work shall be paid at the Contract Unit Price per Each SANITARY MANHOLE, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID. Costs for all materials and labor to install manhole and make all necessary pipe connections, and dewatering shall be included in the Contract price.

For manholes needing an inside drop connection, the work shall be paid at the Contract Unit Price per Each SANITARY MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP. Costs for all materials and labor to install manhole and make all necessary pipe connections. Dewatering shall be included in the Contract price.

For manholes needing an inside drop connection, the work shall be paid at the Contract Unit Price per Each SANITARY MANHOLE, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP. Costs for all materials and labor to install manhole and make all necessary pipe connections. Dewatering shall be included in the Contract price.

TRENCH BACKFILL shall be measured and paid for separately.

ITEM #52: STORM MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP

Description. This work shall be according to Article 602 of the Standard Specifications and the following:

A storm manhole shall be installed at the locations shown on the Plans and in accordance with the details shown on the Plans.

It will be the responsibility of the Contractor to ensure all pipe openings are formed in the correct locations so that additional cutting of the precast structure is not necessary. All elevations on proposed structures shall be field verified by Contractor prior to ordering of any structures. No additional compensation will be granted for the coring of any structures and/or restocking fees.

Refer to General Special Provisions for specification of Frames, Grates and Lids.

If constraints in the field such as frame height become an issue during installation, the Contractor will propose an alternate frame and grate or frame and lid to the Engineer for approval.

Any pipe including the mainline sewer up to four feet (4’) in length per each pipe used to connect existing pipes to the proposed structure shall be included in the cost of the proposed structure. The pipe shall have a minimum standard dimension ratio (SDR) of 26 and shall conform to ASTM designation D-3034. Connections to existing sewer lines shall be made using non-shear Fernco Strong Back RC 5000 Series or Mission Flex-Seal adjustable repair couplings equipped with stainless steel bands and shall be included in the cost of this item.

All excavation, bedding and trench backfill material necessary to backfill the structure and the length of pipe shall also be included in the cost of the structure.
If replacing an existing structure, removal of existing structure is incidental to this item.

Basis of Payment. This work will be paid for at the Contract unit price per Each for STORM MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP.

ITEM #53: STORM CATCH BASIN, TYPE A, 4’ DIAMETER, TYPE 3 FRAME AND GRATE, OPEN LID, 0 to 8 FEET DEEP

Description. This work shall be according to Article 602 of the Standard Specifications and the following:

A catch basin shall be installed at the locations shown on the Plans and in accordance with the details shown on the Plans.

It will be the responsibility of the Contractor to ensure all pipe openings are formed in the correct locations so that additional cutting of the precast structure is not necessary. All elevations on proposed structures shall be field verified by Contractor prior to ordering of any structures. No additional compensation will be granted for the coring of any structures and/or restocking fees.

Refer to General Special Provisions for specification of Frames, Grates and Lids.

If constraints in the field such as frame height become an issue during installation, the Contractor will propose an alternate frame and grate or frame and lid to the Engineer for approval.

Any pipe including the mainline sewer up to four feet (4') in length per each pipe used to connect existing pipes to the proposed structure shall be included in the cost of the proposed structure. The pipe shall have a minimum standard dimension ratio (SDR) of 26 and shall conform to ASTM designation D-3034. Connections to existing sewer lines shall be made using non-shear Fernco Strong Back RC 5000 Series or Mission Flex-Seal adjustable repair couplings equipped with stainless steel bands and shall be included in the cost of this item.

All excavation, bedding and trench backfill material necessary to backfill the structure and the length of pipe shall also be included in the cost of the structure.
If replacing an existing structure, removal of existing structure is incidental to this item.

Basis of Payment. This work will be paid for at the Contract unit price per Each for STORM CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE.

ITEM #54: CONNECTION TO EXISTING MANHOLE

Description. This work involves modifying existing manholes to which the new sanitary sewers are connected. This includes: sealing the openings around the new pipes and holes with a non-shrink grout; removing the existing concrete benches from the manholes and constructing new concrete benches to accommodate the new sewer pipes (if necessary) in accordance with the details on the Plans.

Basis of Payment. This work will be paid for at the Contract unit price per Each for CONNECTION TO EXISTING MANHOLE.

ITEM #55: CORE INTO EXISTING MWRD MANHOLE

Description. This work shall consist of installing machine cored-in flexible couplings meeting ASTM C-923 into existing concrete structures to accommodate the installation of proposed sewer at location as indicated on the plans or as directed by the ENGINEER.

This work shall also include the provision of and connection of the PVC pipe to the MWRD manhole

The Contractor shall submit shop drawings for the connection of the proposed 12" PVC sanitary sewer to the existing sanitary manhole MWRD MH 1.

Basis of Payment. This work will be paid for at the Contract unit price per Each for CORE INTO EXISTING MWRD MANHOLE.

ITEM #56 ABANDON STRUCTURES

Description. This work shall be for the abandonment of existing sanitary manhole structures as shown on the Plans. All work shall be in accordance with 605.04 of the Standard Specifications.

Abandonment of structures shall consist of the removal of the cover, frame and adjustment, upper two feet (at a minimum) of the structure, plugging of the adjacent sewer pipes, and filling with non-compressible stone.

Basis of Payment. This item shall be paid for at the Contract unit price per for ABANDON STRUCTURES to include for removal of frame and cover, adjustments and walls to a minimum depth of 2 feet below the surface, plugging incoming and outgoing pipes, stone filled to top of walls and restoring surface to match existing.

ITEM #57: PLUG PIPE

Description. Sewer pipes to be abandoned shall be plugged with mechanical wing plugs of the specified diameter and topped with concrete plug. Brick and mortar plugs will not be acceptable in lieu of concrete. The Contractor shall install plugs in the sewers at locations shown on the Plans or where directed by the Engineer. The minimum install depth of the mechanical plug shall be two pipe diameters up to 24 inches. The minimum thickness of the concrete to the plug shall be two pipe diameters up to 24 inches. The Contractor shall submit data sheets for mechanical wing plugs for use on this project.

Basis of Payment. This work will be paid for at the Contract unit price per Each for PLUG PIPE and shall include the cost of all labor, materials and equipment necessary to complete the work.

ITEM #58: ABANDON SANITARY SEWER – FLOWABLE FILL

Description. Sewers to be abandoned with flowable fill shall adhere to Article 593 Controlled Low Strength Material, backfill of the Standard Specifications.

Flowable fill refers to a cementitious slurry consisting of a mixture of fine aggregate or filler, water, and cementitious material(s), which is used as a fill or backfill in lieu of compacted earth. This mixture is capable of filling all voids in irregular excavations and hard to reach places (such as casings), is self-leveling, and hardens in a matter of a few hours without the need for compaction in layers. Flowable fill is sometimes referred to as controlled density fill (CDF), controlled low strength material (CLSM), lean concrete slurry, and unshrinkable fill.

Abandon sewer lines by completely filling sewer line with flowable fill. Place flowable fill-to-fill volume between manholes. Continuously place flowable fill from manhole to manhole with no intermediate pour points. Have filling operation performed by experienced crews with equipment to monitor density of flowable fill and to control pressure. Pump flowable fill through bulkheads use other suitable construction methods to contain flowable fill in lines to be abandoned. These pipes will act as injection points or vents for placement of flowable fill. Place flowable fill under pressure flow conditions into properly vented open system until flowable fill emerges from vent pipes. Pump flowable fill with sufficient pressure to overcome friction and to fill sewer from downstream end, to discharge at upstream end.

Basis of Payment. This work shall be paid at the Contract Unit Price per cubic yard as ABANDON SANITARY SEWER – FLOWABLE FILL to include the cost of all labor, materials and equipment necessary to complete the work.

ITEMS #59 - #60: TRENCH BACKFILL – CA-6 & TRENCH BACKFILL – FA-6

Description. This work shall be according to Article 208 of the Standard Specifications and the following:

All trench backfill materials furnished under this contract shall be either virgin or recycled materials.

Trench backfill shall be crushed aggregate of CA-6 gradation for Algonquin Road and FA-6 gradation for Dempster Street.

The aggregate material shall be placed in lifts not exceeding 8 in. in depth, loose measurement, and compacted by mechanical means to the satisfaction of the Engineer. The trench backfill shall be compacted only by Method 1 as defined in Article 550.07 of the Standard Specifications.

The standard test to define maximum densities of all compaction work shall be ASTM D-1557. All densities shall be expressed as a percentage of the maximum density obtained in the laboratory by the ASTM D-1557 standard procedure. Each layer shall be compacted by mechanical means to 95 percent of the maximum dry density.

Construction Requirements. The bedding, haunching and backfilling for pipe installation shall be as shown on the Drawings and as specified in Section 20 of the Water and Sewer Specifications except as modified in these Special Provisions. Bedding and haunching material will not be measured for payment but will be considered included in the cost of the associated pipe. The granular material required for initial backfill, from the spring-line of the pipe to 12 inches above the pipe, will not be eligible for payment but shall be considered included in the cost of the pipe.

For bedding and haunching requirements, refer to the pipe bedding details shown in the plans and associated specifications found in these Special Provisions.

Trench backfill shall be installed at locations shown in the Drawings to the existing finished grade elevation. The select granular backfill material shall be placed and compacted in 12-inch maximum layers of the specified materials as shown on the Drawings and installed from one foot above the top of the pipe to the existing finished grade.

Basis of Payment. This work will be paid for at the Contract unit price per Cubic Yard for TRENCH BACKFILL – CA-6 or TRENCH BACKFILL – FA-6.

ITEMS #61 - #62: SANITARY SEWER SERVICE CONNECTION / ADDITIONAL SANITARY SEWER SERVICE REPLACEMENT

Description. This item shall be for sanitary lateral connections and replacement as shown on the Plans.

This work shall be according to the Standard Specifications for Sewer and Water Main Construction in Illinois Latest Edition and the following:

Connections to sewer pipe are to be made with “tee/wye” fittings on the sanitary sewer. No tap-in connections will be permitted. Connection to existing sanitary lateral shall be made with non-shear Fernco or mission couplings. Contractor is only to re-connect live laterals.

Contractor shall coordinate with lateral owners for all work that will affect their businesses. A minimum of 48 hours shall be provided.

Materials. Sanitary sewer service line pipe shall be polyvinyl chloride (PVC) conforming to ASTM D 3034 SDR26 and gasketed joints conforming to ASTM D 3212. Sanitary sewer service line pipe shall be of the same diameter as the current sanitary sewer service line to be connected. All supplied pipe shall be from the same manufacturer.

Pipe couplings shall be Fernco Shielded RC Series Couplings, Mission Rubber Company Flex Seal ARC Sewer Repair Couplings, or approved equal. Pipe couplings shall be non-shear and shall be equipped with stainless steel bands.

Construction. Contractor is to disconnect the laterals from the existing sewer (to be abandoned) and reconnect the service laterals on Dempster to the new sanitary sewer. Contractor may be required to expose and locate existing laterals prior to beginning work, so that sufficient pipes and bends are provided, and the new connections can be made at the required minimum slope. Contractor is to seal old sewer (short repair), where laterals have been removed prior to filling with flowable fill.

Contractor shall maintain the flow from the active sanitary services at all times.

Excavation and bedding will not be paid for separately but shall be included in the cost of this work.

Backfilling and Trench Backfill. Backfilling and trench backfill shall be completed and paid for separately in accordance with TRENCH BACKFILL.

Basis of Payment. SANITARY SEWER SERVICE CONNECTION shall be paid per linear foot and shall consist of all labor, material and equipment required to remove the service from the existing main and connect the service with PVC ASTM 3034 SDR 26 to the new sewer and sealing the old sewer at the previous connections. This item shall also include all excavation, bedding, sheeting, shoring, dewatering and any other associated work to the edge of right-of-way. Surface restoration items shall be measured and paid for separately. For sanitary services that require additional replacement beyond the right-of-way, work shall be paid per Foot for the item ADDITIONAL SANITARY SEWER SERVICE REPLACEMENT and shall include all excavation, bedding, sheeting, shoring, dewatering and any other associated work. Surface restoration items shall be measured and paid for separately.

ITEM #63: WATERMAIN ADJUSTMENT

Description. Watermain adjustment may be needed in a few locations in order to maintain clearance requirements. This work shall be approved by the Owner or Engineer prior to undertaking an adjustment.

This work shall include all materials and labor required to replace watermain on an as-needed basis as part of the sewer construction. This work shall be carried out in accordance with applicable sections of the Illinois Sewer and Water Specifications.

Pipe shall be ductile iron, conforming to AWWA C151 Class 53 standard thickness. Fittings shall be ductile iron in accordance with AWWA C110, C151, or C153. Stainless steel bolts only.

Retainer glands shall be Megalug Series 1100 or equal in strength and retaining ability. Couplings for connecting new water main to existing water main shall be dual sleeve type Clow F1208 or approved equal.

Basis of Payment. This work will be paid for at the Contract unit price per Liner Foot for WATERMAIN ADJUSTMENT. The price shall be payment in full for performing the work as specified herein including pipe, fittings, retainer glands, bedding and backfill and any other ancillary equipment or materials required.

ITEM #64: LINE STOP, 8'' – 12''

Description. Line Stops may be needed in a few locations in order to maintain clearance requirements. This work shall be approved by the Owner or Engineer prior to start.

This work shall consist of the furnishing of all labor, tools, and equipment necessary to install a line stop to perform the installation of new water main.

Connections to Village water mains must be by pressure tap or with the use of line stop(s) unless otherwise approved by the Village Engineer, as shown on the approved engineering plans.

When connecting to the end of an existing line, work must be coordinated with the Village with 48-hour notice. Personnel from the Village are the only ones who are to operate water main valves.

A representative from the Village must be present at all connections to existing water mains. Contractor to provide Public Works with 48-hour notice (Monday-Friday).

Construction. Tapping sleeve shall be made of cast iron, ductile iron or heavy-duty stainless steel. All approved stainless-steel heavy-duty tapping sleeves shall be Cascade CST-EX, Ford FTSS, Romac Industries SST III, or Smith Blair Model 665. All nuts, bolts and washers shall be stainless steel, Type 304 or better.

Line stop sleeves shall be stainless steel. Approved sleeves include Hydra Stop Premier or Severn Trent Premier line stop fitting of all stainless-steel construction with drop-in bolt option and Smith Blair Model 685 all stainless-steel line stop tapping sleeve. All bolts, nuts, washers and blind flanges are to be 18-8 Type 304 Stainless. Stopple (completion) plug is to be ductile iron.

All tapping and line stop sleeves shall conform to the following:

- Sleeve to be pressure rated at 150 psi working pressure and 225 psi test pressure.
- Construction to be T-304, 18-8 stainless steel, 14 gauge minimum.
- Gaskets to provide 360-degree pipe coverage in addition to a full circumference branch seal gasket.

- A stainless-steel test port and plug shall be provided and the sleeve installation shall be tested prior to cutting the existing pipe.

- V-lugs shall be fabricated to the sleeve and drop-in stainless-steel bolts, nuts and washers provided. Nuts shall be coated to prevent galling.

Before a tapping sleeve is installed, the exterior of the main to be tapped, as well as the interior surface of the sleeve, shall be thoroughly cleaned and swabbed with a 1 percent hypochlorite solution.

After the surface disinfection, the tapping saddle or sleeve shall be mounted to the main and tapping valve to form a pressure-tight connection. The installation shall be pressure tested at operating pressure plus 50 percent, to ensure the integrity of the installation. This shall be a hydrostatic test, introduced through a port on the tapping machine, or through a tapped mechanical joint plug on the outlet side of the tapping valve. The tapping machine and the tapping valve and sleeve assembly shall be externally supported so that no additional weight is placed upon the main(s).

Prior to installation, the insert valve shall be operated in the position that it will assume in service and for the full length of gate travel in both directions to demonstrate the free and perfect functioning of all parts in the intended manner. Any defects of workmanship shall be corrected and tested repeated until satisfactory performance is demonstrated.

Basis of Payment. This work will be paid for at the Contract unit price per Each for LINE STOP.

ITEM #65: SEED AND BLANKET

Description. The purpose of this work is to restore the areas disturbed by construction and/or to provide proper drainage in the parkways. This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, furnishing and placing topsoil in accordance with Section 211, compacting via jetting and grading to maintain positive slope, and adding seed and erosion control blanket to the areas in accordance with Sections 250 and 251. Care should be taken to ensure proper compaction as the Contractor will be responsible for repair of any areas where settlement occurs.

Topsoil shall be a loamy mixture of black dirt having at least 90 percent passing a No. 10 sieve, and shall be free of large roots, brush, sticks, weeds, stones larger than 1 /2-inch in diameter and any other litter. Topsoil pH shall not be lower than 4.5 nor higher than 8.5 as determined in accordance with ASTM procedures for soil testing.

Fertilizer nutrients shall be applied in accordance with Section 252.03 of the Standard Specifications and shall be included. Fertilizer shall consist of the following nutrient composition: Nitrogen – 50%, Phosphorus – 30%, Potassium – 20%. Immediately prior

to seed bed preparation, fertilizer nutrients shall be uniformly spread at the rate of 200 pounds per acre (0.0413 pounds per square yard). Apply fertilizer after smooth raking of topsoil and prior to installation of seeding. Apply fertilizer no more than 48 hours before laying seeding. Lightly water soil to aid dissipation of fertilizer.

Seed shall be salt resistant seed mix Type 2A and applied in accordance with IDOT Standard Specifications Sections 250 and 251. Fertilizer nutrients and seed are to be applied in two separate operations. No seed shall be sown until the seed bed has been approved by the Engineer/City. Seed shall be applied at a rate of 180 lbs/acre. Areas in which the seed does not take shall be re-seeded at no additional cost to the City.

Erosion control blanket shall be applied in accordance with IDOT Standard Specifications Section 251.04. Within 24 hours of seed placement, a netless blanket shall be placed on all areas to be restored with seed. Blanket shall be Futerra F4 Netless, or approved equal.

During periods exceeding 80 degrees Fahrenheit or subnormal rainfall, supplemental watering may be requited when directed by the City or Engineer, at no additional cost.

Basis of Payment. This work will be paid for at the Contract unit price per Square Yard for SEED AND BLANKET. Work shall include all necessary labor, material and equipment for furnishing and placing topsoil, seed, fertilizer and erosion control blanket.

ITEM #66: SALT TOLERANT SOD

Description. This work shall be according to Article 252, 1081.03(b) of the Standard Specifications. Sod Restoration shall include 4'' of topsoil.

Basis of Payment. This work will be paid for at the Contract unit price per Square Yard for SALT TOLERANT SOD.

ITEM #67: TOPSOIL FURNISH AND PLACE, 4"

Description. This work shall be according to Article 211 of the Standard Specifications and the following:

The Contractor shall take precautions so as not to unnecessarily damage lawns. In areas that are designated to be sodded, the existing sod shall be cut and removed; the area shall then be shaped, graded and rototilled. The area to be sodded shall then have a layer of good quality, pulverized topsoil which has been approved by the Engineer prior to placement, spread and fine raked in such a manner as to result in a top dressing of the parkway having an average thickness of four inches (4") of topsoil.

Any excavation and grading of the parkway which is required to give a uniform slope from the limit of sod restoration to the top of the curb shall be included in this item. Unless

otherwise directed by the Engineer, the topsoil and sod shall be placed after the installation of the binder or leveling binder and before the installation of the hot-mix asphalt surface course.

The Contractor shall be responsible for removing any weeds prior to the placement of the sod. The method of weed removal must be approved by the Engineer.

The topsoil and subgrade shall be thoroughly compacted along newly installed concrete by a compaction method approved by the Engineer. If proper compaction is not achieved, the Engineer may direct the Contractor to remove any soil backfill that the Contractor has placed and replace it with a granular stone backfill. This will be included in the cost of this item.

Water service boxes and valve boxes that can be adjusted to final grade without replacement parts shall be included in the cost of this item.

Basis of Payment. This work will be paid for at the Contract unit price per Square Yard for TOPSOIL FURNISH AND PLACE, 4”.

ITEM #68: STORAGE AREA RESTORATION

Description. This work shall be coordinated directly with ComEd and shall meet all of ComEd’s requirements.

Basis of Payment. This work will be paid for at the Contract unit price per Each for STORAGE AREA RESTORATION.

ITEMS #69 - #70: CONCRETE CURB REMOVAL AND REPLACEMENT (B6.12) & CONCRETE CURB REMOVAL AND REPLACEMENT (B6.24)

Description. This item shall include all labor, equipment, and material necessary for the removal and replacement of combination concrete curb in accordance with the applicable portions of Sections 606 and 440 of the "Standard Specifications" at the locations as designated by the plans or as directed by the Engineer. This item shall include the removal of the existing concrete curb and roadway necessary to install new combination concrete curb, of the same type as removed, or Type B-6.12, as directed by the Engineer. All new curbs shall be placed on a four inch (4") sub-base of coarse aggregate material gradation CA-6, which shall be considered incidental to this item.

Basis of Payment. This work will be paid for at the Contract unit price per Foot for CONCRETE CURB REMOVAL AND REPLACEMENT (B6.12) and CONCRETE CURB REMOVAL AND REPLACEMENT (B6.24).

ITEM #71: PORTLAND CEMENT CONCRETE SIDEWALK

Description. This work shall be according to Article 424 of the Standard Specifications and the following:

The five-inch (5") thick Portland Concrete Cement (P.C.C.) sidewalk shall be constructed to the limits and grade required to blend with adjoining surfaces. The sidewalk shall be placed upon a base of compacted crushed stone, Gradation CA-6, having a minimum thickness of two inches (2"). The installation of this bedding shall be included in the cost of this item. Full depth expansion joints shall be placed between the sidewalk and the back of any adjacent curb, sidewalk, or buildings, and as directed by the Engineer.

Steel forms will not be allowed.

See full plan set for detail diagram.

Basis of Payment. This work will be paid for at the Contract unit price per Square Foot for PORTLAND CEMENT CONCRETE SIDEWALK. All detectable warnings that are removed shall be replaced as part of this pay item.

ITEM #72: COMMERCIAL PORTLAND CEMENT CONCRETE DRIVEWAY

Description.

The limits of removal and replacement shall be agreed with the Village prior to work being undertaken.

Restoration shall be completed within 5 days of completion of construction work within or adjacent to the driveway, unless prior approval is obtained. The Contractor shall use a roller for compaction, plate compactors will not be allowed.

Resident notification of work that will impact driveway aprons must be provided in writing a minimum of 48 hours prior to the start of work. Contractor is responsible for coordinating homeowner access during the work and until restoration is completed.

The replacement driveway shall match all existing depths of subbase, base, and surface courses.

Basis of Payment. This work will be paid for at the Contract unit price per Square Yard for COMMERCIAL PORTLAND CENENT CONCRETE DRIVEWAY and shall include the removal and disposal of excavated material, placing and compacting the aggregate subbase, and constructing new PCC driveway pavement of the type specified.

ITEM #73: HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT

Description.

The limits of removal and replacement shall be agreed with the Village prior to work being undertaken.

Restoration shall be completed within 5 days of completion of construction work within or adjacent to the driveway, unless prior approval is obtained. The Contractor shall use a roller for compaction, plate compactors will not be allowed.

Resident notification of work that will impact driveway aprons must be provided in writing a minimum of 48 hours prior to the start of work. Contractor is responsible for coordinating homeowner access during the work and until restoration is completed.

The replacement driveway shall match all existing depths of subbase, base, and surface courses.

Basis of Payment. This work will be paid for at the Contract unit price per Square Yard for HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT and shall include the removal and disposal of excavated material, placing and compacting the aggregate subbase, and constructing new HMA driveway pavement of the type specified.

ITEM #74: PCC BASECOURSE, 10''

Description. This item shall conform to Section 420, 440, and 442 of the "Standard Specifications for Road and Bridge Construction in Illinois", latest edition and as detailed on the plans.

Construction. This work will include the removal of the temporary aggregate to required depth and placement of concrete basecourse as noted on the plans. The pavement limits shall be sawcut to full depth to allow for a clean edge for construction.

Reinforcement shall match the layout and sizing present in the adjacent concrete pavement.

Basis of Payment. This work will be paid per Square Yard for PCC BASECOURSE, 10''.

ITEMS #75 & 76: HMA SURFACE COURSE IL-9.5, MIX D, N70, 2" & 2.5''

Description. This work shall be according to Article 406 of the Standard Specifications and the following:

This item shall be applied to all pavements to be surfaced. The Hot-Mix Asphalt surface course shall be installed with a nominal thickness of two and a half inches (2.5”). This will allow for the finished pavement to be ¼” above the curb gutter at the edge of pavement. All work shall be in accordance with Section 406 of the Standard Specifications.

This item will also be used for the paving of butt-joints.

Dempster Street shall have a thickness of 2’’. Algonquin Road shall have a thickness of 2.5’’.

Basis of Payment. This work will be paid for at the Contract unit price per Ton for HMA SURFACE COURSE IL-9.5, MIX D, N70, 2” and HMA SURFACE COURSE IL-9.5, MIX D, N70, 2.5”

ITEM #77: BITUMINOUS MATERIALS (TACK COAT)

Description. This work shall be according to Article 403 and 406 of the Standard Specifications and the following:

This item includes the application of a bituminous tack coat (SS-1) on the existing or proposed base course on all streets and as directed by the Engineer.

The Contractor shall be responsible for placing warning signs at all points of access to the primed surface except for residential driveways.

Basis of Payment. This work will be paid for at the Contract unit price per Pound for BITUMINOUS MATERIALS (TACK COAT).

ITEM #78: HOT-MIX ASPHALT SURFACE REMOVAL – BUTT JOINT

Description. The work shall be performed in accordance with Section 406 and 440 of the Standard Specifications

This item shall consist of the removal of any hot-mix asphalt surface at the butt joints.

The depth of the material removed will vary from zero to four inches (0" - 4"), depending on the thickness of the hot-mix asphalt surface overlay. The above work shall be done after the placement of the proposed curb and gutter.

Any milling of the existing concrete base course necessary to meet these specifications shall be considered included in the cost of this item.

It is anticipated that the removal shall provide for a depth of two-inches (2”) of asphalt surface to be installed. Work is to be done within 48 hours of surface placement.

The Contractor shall be required to saw cut the hot-mix asphalt at the limits of removal.

Basis of Payment. This work will be paid for at the Contract unit price per Square Yard for HOT-MIX ASPHALT SURFACE REMOVAL – BUTT JOINT.

ITEM #79: REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL

Description. The work shall be performed in accordance with Section 202 of the Standard Specifications. The contractor shall notify the Engineer prior to excavating any unsuitable material.

This item shall include removing any areas of poor subgrade materials (undercut areas). No undercuts are to be made without the approval of the Engineer.

The Contractor shall provide a loaded truck to “proof-roll” the exposed subgrade. This shall be performed once a minimum of a 300-foot section of proposed subgrade has been exposed and prepared for proof-rolling operations. The Contractor shall also notify the Engineer a minimum of 4 hours in advance of any “proof-roll”.

When unsuitable material is removed, the trench bottom shall be stabilized by installing crushed aggregate with a maximum aggregate size of three inches (3”), Gradation CA-1 in accordance with Section 207 of the Standard Specifications and shall be paid separately under EARTH EXCAVATION, SPECIAL as described herein.

Where undercut depths are made at less than nine inches (9”), the Engineer may allow the use of CA-6 aggregate. Recycled concrete shall not be permitted for this item.

Basis of Payment. This work will be paid for at the Contract price per Cubic Yard for REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL to include all labor and materials to complete the work.

ITEM #80: NON-SPECIAL WASTE DISPOSAL

Description. This work shall consist of the satisfactory disposal of any Contaminated Waste encountered during construction. In the event that Contaminated Waste is encountered, the disposal of the material shall be compensated for as NON-SPECIAL WASTE DISPOSAL.

The Owner reserves the right to increase or reduce the quantity or to delete this pay item from the contract. The CONTRACTOR is not entitled to compensation for any changes in quantities for this pay item.

Work required for the excavation, removal and disposal of uncontaminated (surplus) soil necessary for the construction work and all related contract pay items shall not be

compensated for separately, but shall be considered included in the individual pay items to which the work pertains. Surplus soil has already been characterized as uncontaminated, test results and an LPC-663 will be provided.

Excavated material shall be considered for NON-SPECIAL WASTE DISPOSAL after one (1) of the following conditions are met:

The “clean-fill” dump facility rejects an individual load of excavated material. The CONTRACTOR shall provide the ENGINEER with the CCDD Load Rejection Form. As a contingency, the CONTRACTOR shall make every effort to arrange for an approved Special Waste facility prior to work so that stockpiling of rejected material can be minimized or eliminated.

The CONTRACTOR shall provide the Special Waste Tracking Receipt / Manifest and the Weight Ticket with tonnage to the ENGINEER for each load of Contaminated Waste. These items shall include the truck number and date. The quantity of NON-SPECIAL WASTE DISPOSAL will be determined from this documentation.

Basis of Payment: Regardless of actual quantity, this work shall be paid for at the contract unit price per Cubic Yard for NON-SPECIAL WASTE DISPOSAL, which price shall be considered full compensation for all sampling, testing, documentation, coordination, handling and transportation necessary for the disposal of all contaminated material.

ITEM #81: CONTINGENT CASH ALLOWANCE

Description. From time to time, it will be necessary to add unforeseen additional work to the Project. The intent of the Contingent Cash Allowance is to provide a means to fund reasonable changes and additions to the Project. The Contingent Cash Allowance is for the sole use of Owner to cover unanticipated costs.

Basis of Payment: Included with the bid is a CONTINGENT CASH ALLOWANCE in the amount of one hundred twenty thousand and 00/100 dollars ($120,000.00) for any additional work required by the Village of Arlington Heights. The value of any work covered by the Contingent Cash Allowance will be determined in accordance with the General Conditions and Supplementary Conditions.

JULY 30th, 2024
SEECO JOB NO. 13499

APPENDIX A - GEOTECHNICAL REPORT

SUBSURFACE EXPLORATION, LABORATORY TESTING AND GEOTECHNICAL ENGINEERING AND ANALYSIS FOR THE PROPOSED ALGONQUIN ROAD AND DEMPSTER AVENUE BOUNDED BY CEDAR GLEN DRIVE (WEST) AND BUSSE ROAD (EAST) SANITARY SEWER CAPACITY IMPROVEMENT PROJECT

PREPARED FOR:

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APPENDIX 1

REPORT SUMMARY

This geotechnical report is prepared for the Village of Arlington Heights West Algonquin Road and Dempster Avenue Sanitary Sewer Capacity Improvement Project.

Approximately 2200 lineal feet of new 24 inch gravity flow PVC C900 sanitary sewer pipe will be installed on the north side of the Algonquin Road Right of Way from Cedar Glen Drive on the west to Busse Road on the east. Also, approximately 700 lineal feet of new gravity flow 8 inch PVC C900 sanitary sewer pipe will be installed in the north side of the right of way of Dempster Avenue from Algonquin Road (west side) to Busse Road (east side).

The depths of this sanitary sewer gravity flow 24" PVC pipe are 16 to 19 feet to the invert of these pipes from the existing top of pavement grade on Algonquin Road.

The depths of the new gravity 8 inch PVC C900 sanitary sewer pipe from Algonquin Road to Busse Road on Dempster Avenue north R.O.W. are between 14 feet and 9 feet from existing pavement grade.

The sanitary sewer construction per Bobby Peters of RJN Group, Inc., the Design Civil Engineer, the construction will be open cut construction with stacked trench box protection.

On June 14th, 2024, June 20th, 2024 and June 24th, 2024, Seeco Consultants drilled and sampled nine (9) borings to 20 foot depth on Algonquin Road north side R.O.W. and two (2) borings to 20 feet depth in the Dempster Avenue north side R.O.W. See **Boring Location Plan** in the **Appendix** of this report for the Boring locations.

All borings were accessible with a truck mounded Diedrich D-50 rotary drill rig which advances the boreholes with hollow stem augers.

All of the borings for the exploration encountered under the overlayed PCC pavement with subbase course found stiff to very stiff brown and gray silty clay overlaying very stiff to hard gray silty clay glacial till at depths of 10 to 13 feet below existing finished pavement grade at the boring locations. Only borings B-8 and B-9 encountered gray silty clay topsoil under the bituminous concrete PCC pavement with gravel subbase. Also topsoil was encountered in the parkway borings of B-6 and B-7 in the north Right of Way of Algonquin Road.

No groundwater was encountered while drilling, while sampling and when removing the Hollow Stem Augers from these boreholes except for Boing B-3 on 6/14/24 groundwater was encountered at 14 feet while sampling and at 16 feet when removing the Hollow Sem Augers from this borehole.

For trench excavations by the open cut method of excavating, the steel trench box sidewalls and struts should be capable of resisting an approximate minimum of 1380 psf/ft length (for a minimum depth of 20 feet depth) of lateral earth pressure, in comparison with the trench box allowable lateral pressure capacity, for excavation depths of 20 feet on less given in the **Appendix** of the report.

Refer to the Apparent Lateral Earth Pressure Diagram for trench box design in clayey soils for excavation depths of 20 feet or less given in the **Appendix** of this report. The utility contractor is responsible for the design of the trench protection box.

It is recommended that the **Boring Logs** in the **Appendix** of this report be referred to for the detail site soil and groundwater conditions encountered in each of the soil borings drilled and sampled for this exploration.

For trench excavations the steel trench box sidewalls and struts should be capable of resisting an approximate minimum of 1380 psf/ft of length (for a maximum 20 foot depth) of lateral earth pressure in comparison with the trench box allowable lateral pressure capacity. Refer to the **Apparent Lateral Earth Pressure Diagram for Trench Box Design in Clayey Soils for Excavation Depths of 20 Feet or Less** given in the **Appendix** of this report. The utility contractor is responsible for the design of the trench protection box.

PROJECT OVERVIEW

Introduction

This geotechnical report is prepared for the proposed sanitary sewer capacity improvement on Algonquin Road between Cedar Glen Drive and Busse Road and Dempster Avenue between Algonquin Road and Busse Road in Arlington Heights, Illinois. The length of the new sanitary gravity sewer 24 inch PVC C900 pipe is from station 0+00 (west end) to station 22+00 (east end) – 2200 lineal feet.

And the 8 inch PVC C900 sanitary sewer on Dempster Avenue is approximately 700 feet length from Algonquin Road (west end) to Busse Road (east end).

The purpose of this report is to describe the subsurface soil conditions encountered at the various rehabilitation Improvement sites, to evaluate the physical characteristics of the soil by means of a geotech laboratory testing program and provide general recommendation for the installation of the proposed excavation using open cut trench excavation method with trench box protection.

CCDD sampling and testing was requested by the Project Civil Engineer, RJN Group, Inc. for this project and will be forwarded under separate cover.

This scope of work was authorized by Mr. Michael Young, Senior Vice President of RJN Group, Inc. per RJN's Proposal and Contract and authorization on January 11th, 2024 with a signed copy email to SEECO Consultants Inc. that date for SEECO Signature.

General Site Conditions and Project Description

This project site is located in a commercial/residential area of Village of Arlington Heights, Illinois on Algonquin Road and Dempster Avenue.

Site Geology

The native soils at the project site are the product of the result of Wisconsinan Stage of the Continental Glacier. The Wisconsinan Ice was the last to cover the North American Continent, receding from this area some 13,500 years ago. Present land forms in this area are the results of the Wisconsinan glaciation action during the Pleistocene Epoch. The soils were formed from the natural deposition erosion and weathering processes that have prevailed to the present time. The Pre-Wisconsin glacial deposits are found only in deep bedrock valleys and ravines where they were sheltered from the erosive action of the Wisconsinan Ice.

According to the Illinois State Geological Survey (ISGS) Surficial Geology of The Chicago Region (Willman, H.B. and Lineback, Jerry A., 1970), the soils at this project site below the upper topsoil have been assigned to the Valparaiso Moraine undifferentiated. The soil deposits in this moraine west of Chicago which are mostly brown to brown and gray silty clay glacial till overlain by the unoxidized gray silty clay glacial till which soils are highly overconsolidated clay glacial till.

The soil borings performed for this project on 6/14/24, 6/19/24, 6/20/24 and 6/24/24 by SEECO Consultants, Inc. indicates that the original virgin soils below the existing pavement and topsoil at this project site consist of stiff brown and gray silty clay underlain by stiff to very stiff gray silty clay. These soil borings in general, confirm the ISGS published surficial geology map for this area below the surficial pavement. The details of the onsite soil conditions can be found in the **Site Soil Conditions** paragraph of the **FIELD AND LABORATORY ANALYSIS AND RESULTS** section of this Report and **Boring Logs** given in the **Appendix** of this Report.

FIELD AND LABORATORY ANALYSIS AND RESULTS

Subsurface Site Exploration Procedures

Eleven (11) soil borings (B-1 through B-11) were drilled and sampled to a depth of 20 feet each below the existing ground surface level by a two man drill crew from SEECO Consultants, Inc. with a truck mounted Diedrich D-50 drill rig on June 14th, 19th, 20th and 24th, 2024 at this site. The soil borings for this project were performed at the approximate locations indicated on the **Boring Location Plan** given in the **Appendix** of this The soil borings were laid out in the field by a representative from SEECO Consultants, Inc. at the approximate locations marked on the **Boring Location Plan** in the **Appendix** of this report at locations given by RJN Group, Inc.

The nine (9) soil borings (B-1 through B-5 and B-8 through B-11) were drilled and sampled by a 2-man drill crew from SEECO Consultants, Inc. utilizing a truck-mounted rotary-type Diedrich (Model D-50) drill rig which advances the borehole by the hollow stem auger method. The soil samples were obtained utilizing a split spoon sampler in accordance with ASTM D 1586-18. In the split barrel sampling procedure, a split spoon sampler having a two-inch outside diameter and inside diameter of 1-3/8 inches and a length of two feet is driven into the soil. The sampler is advanced by driving with a 140-pound weight falling freely from a height of 30 inches with Standard Penetration Resistance being recorded as the number of blows required to advance the sampling spoon a distance of 12 inches after an initial driving of six inches has been used to seat the sampler. The standard penetration blow counts are for last two 6 inches increments of driving the split spoon which is indicated on the **Boring Log** in the **Appendix** of this report. This “N” value is a measure of the consistency of a clay soil or the relative density of primarily cohesionless soils and is in general related to the bearing capacity of the material. Representative portions of the split spoon samples were placed in glass containers with screw-type lids and taken to our geotechnical laboratory for further examination and testing.

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Also on June 19th and June 20th, 2024 two (2) hand auger borings B-6 and B-7 were drilled and sampled in the north R.O.W. of Algonquin Road due to overhead electric lines each to 20 foot depths. Representative soil samples were obtained at the boring locations by using a portable hand held split barrel sampling procedure in which a split spoon sampler having a two-inch outside diameter, inside diameter of 1-3/8 inches and a length of two feet is driven in to the soil. According to ASTM D 1452-16 – Soil Exploration and Sampling by Auger Borings, the 3 inch diameter hand auger is used as the clean out tool between obtaining the vertical soil split spoon samples in the boreholes with a two man drill crew from SEECO Consultants. The split spoon sampler in the hand auger borings was advanced by driving with a portable 35 pound hand held hammer which falls freely from a height of 30 inches with blow counts being obtained for each six (6) inches of penetration of the split spoon sampler. The blow counts for the middle 12 inches of split spoon sampler penetration were converted into "Standard Penetration Resistance" ("N Values) by dividing the actual blow counts obtained in the field by the ratio of the weight of hand held hammer (35 pounds) to the weight of the standard hammer (140 pounds). The blow counts given on the boring logs are then converted to the equivalent Standard Penetration Resistance ("N" values) blow counts utilizing the potential energy equation which is as follows:

$$N_{SPT} = N_2 = E_n / E_{12} \times N_1 = 35/140\ N_1 = 1/4\ N_1$$

The equivalent "N" value is a measure of the consistency of a claylike soil or the relative density of primarily cohesionless soils and is in general related to the bearing capacity of subsurface materials. Representative portions of the split spoon samples were placed in glass containers with screw-type lids and taken to our geotech laboratory for further examination and testing.

Geotech Laboratory Testing Program

The geotechnical laboratory testing program consists of performing in-situ natural moisture content, visual classification of all soil samples and unconfined compressive strength tests on the basis of calibrated penetrometer readings on all cohesive soil samples.

In-situ moisture content or natural water content is determined in the Geotech laboratory as follows: (ASTM D 2216-19). A portion of each sample, consisting of a one-inch piece is weighed, oven-dried at 105°±5°C, and reweighed to obtain the weight of water in the sample. The moisture content is a ratio of the weight of water in the soil sample to the weight of the dry soil expressed as a percentage of the total dry weight of the soil sample.

After completion of the geotech testing program, each soil sample was visually classified on the basis of texture and plasticity in accordance with the **Unified Soil Classification System** (ASTM D 2487-17 and D 2488-17). The estimated group symbol according to this system is included following the description of the soil on the **Boring Logs**. A brief explanation of the **Unified Soil Classification System** is included in the **Appendix** of this report. All laboratory test data is noted on the **Boring Logs** which are also included in the **Appendix** of this report.

Site Soil Conditions

All of the eleven (11) soil borings were drilled in the Right of Way of either Algonquin Road (Boring B-1 thru B-9) oz Dempster Avenue (Boring B-10 and B-11). Only two (2) borings B-6 and B-7 on the Algonquin Road right of way were not drilled and sampled in pavement areas all others were pavement street borings with the following cross sections.

Strata I - Pavement Cross Section

BORING NUMBER	ASPHALT SURFACE THICKNESS INCHES	PCC BASE COURSE THICKNESS INCHES	THICKNESS CRUSH STONE OR GRAVEL SUBBASE INCHES
B-1	2.5	9.5	6-G
B-2	2.5	10	5.5-G
B-3	2.5	10	5.5-G
B-4	2.5	10	6.5-G
B-5	2.5	10	5.5-G
B-6	None	None	None
B-7	None	None	None
B-8	2.5	10	7.6-G
B-9	2.5	10	8.5-G
B-10	2.0	10	12-CS
B-11	2.0	9.5	6.5-CS

Strata II - Silty Clay Fill or Brown and Gray Stiff to Very Stiff Silty Clay.

The following boring exhibits compacted brown and gray silty clay fill at the approximate thicknesses.

BORING NUMBER	APPROXIMATE FILL THICKNESS (FT)
B-1	0.5
B-2	3.0

B-4	2.5
B-5	2.5

Strata III – Brown and Gray Stiff to Very Stiff Silty Clay.

BORING NUMBER	APPROXIMATE THICKNESS OF STRATA (FT)
B-3	8.5
B-6	10
B-7	10
B-8	6.0
B-9	9.0
B-10	8.0
B-11	11.5

Strata IV – Very Stiff to Hard Gray Silty Clay which was found in all of the II borings in this exploration at the following top of strata depths from the top of ground at each boring locations as follows:

BORING NUMBER	APPROXIMATE DEPTH TO TOP OF THIS STRATA (FT)
B-1	13
B-2	13
B-3	10
B-4	13
B-5	13
B-6	11
B-7	13
B-8	13
B-9	13
B-10	13
B-11	13

All of the eleven (11) borings terminated this strata of Very Stiff to Hard Gray Silty Clay glacial till.

Site Groundwater Conditions

No groundwater readings were encountered in the following borings on the following days.

BORING NUMBER	DATE OF READINGS
B-1	6/14/24
B-2	6/14/24
B-4	6/24/24
B-5	6/24/24
B-6	6/19/24
B-7	6/20/24
B-9	6/20/24
B-10	6/19/24
B-11	6/19/24

Only borings B-3 and B-8 encountered groundwater on the days these boreholes were drilled and sampled as follows:

BORING NUMBER	DATE	READINGS
B-3	6/14/24	14’ WS, 16’ ACR
B-8	6/20/24	4.5’ WS, Dry ACR

However, daily, monthly, yearly and seasonal fluctuations in the groundwater levels are possible due to change in the hydrogeological groundwater concluding at this side over time.

Engineering Analysis and Results

The new enhanced sanitary sewer gravity pipe approximately 2200 feet long and the 700 feet section of 8 inch PVC from Algonquin Road to Busse Road on Dempster Avenue will be installed in the R.O.W. of the two streets but not under the existing pavement for the most part going in the north R.O.W. of Dempster Avenue and Algonquin Road the open cut in method of excavation and OSHA trench box protection for the workers.

The partially completed sanitary sewer plans and profiles from RJN Group, Inc. by Bobby Peters shows the 24" PVC C900 new sanitary pipe in Algonquin Road R.O.W. inverts being 16 to 20 Feet from the top of existing pavement.

Braced Excavations for New PVC Sanitary Sewers

Braced Excavation for both pipes listed will be necessary for worker safety and protection per OSHA. A large trench box could also be used if available to give the ground lateral support and comply with OSHA safety requirements.

Any excavation that extends greater than five (5) feet in depth should be designed in accordance with the U.S. Department of Labor, Occupational Safety and Health Administration 1989 (OSHA) "Occupational Safety and Health Standards – Excavations; Final Rule" 29 CFR, Part 1926 Subpart P. Since the proposed excavations that will be installed in the R.O.W. of Illinois Avenue and the depth of excavation will be greater than 5 feet, open cut excavation with vertical side walls will not be safe. Therefore, it is recommended that the trench excavations should be braced. The trench excavation with accompanying steel trench protection box should not have major problems when excavating for the proposed water mains. The trench box is introduced into the trench and protects personnel in the trench and the work under construction from damage or injury which might be caused by the collapse of the trench sidewalls. The trench box is designed to brace the two (2) parallel walls of the trench against each other. The walls of the box are constructed from sheet steel, usually double wall thickness, with a diaphragm between the two (2) sheets to provide structural rigidity. The pipe is laid inside the box after placing the bedding material and the men at the bottom of the trench join the pipe. The trench box is advanced as the excavation is dug and backfill material is placed.

The pre-fabricated steel trench protection box can be used for this project in order to protect personnel in the trench during construction and must conform to OSHA CFR 29, Part 1926, Subject P, July 1997, and keep the work under construction from damage or personnel injury which might be caused by the collapse of the trench sidewalls.

The trench box should be designed for lateral earth pressure based on the apparent lateral earth pressure distribution for braced excavations based on Peck's criteria for stiff clay. The soil conditions at this project site are in general stiff to hard cohesive glacial till soils and the minimum live load surcharge from construction equipment should be considered to be 600 psf per running foot of bracing. The depth

of trenches for the proposed sanitary sewer lines may vary, but anticipated approximate trench depth will be 9 to 20 feet deep. However, lateral earth pressure diagram is provided to 20 feet below the existing ground surface level for the proposed sanitary sewers. For trench excavations the steel trench box sidewalls and struts should be capable of resisting an approximate minimum of 1380 psf/ft per foot of length (for maximum 20 foot depth) of lateral earth pressure in comparison with the trench box allowable structural lateral pressure capacity. Refer to the **Apparent Lateral Earth Pressure Diagram for Trench Protection Box Design in Clayey Soils** for excavation depths 8 feet or less as given in the **Appendix** of this report. The utility contractor is responsible for the design of the trench protection box.

The parallel walls of the box are braced apart by adjustable pipe struts. The adjustment permits the use of the box in trenches of different widths. The box is open at both ends. The rear opening permits movement of the box along the trench while allowing passage of the completed pipe utility out of the back of the box. The front of the box is open to permit dragging the box forward through unstable ground. The top of the box is open to permit introduction of the pipe bedding and new portion of the pipe into the trench. The bottom of the box is open to permit placement of trench bedding directly on the bottom of the trench.

Trench boxes must not only be wide enough to permit the introduction of the required utility pipe or conduit together with the specified sidewall backfill cover, but also wide enough to permit passage of the backhoe bucket into the box to clean the base or bottom of the trench. Trench boxes are dragged forward by the backhoe (a hydraulic excavator) digging the trench on the front side. The backhoe hooks its bucket behind the leading pipe strut and pulls the box toward itself.

The stability of the bottom of trench excavation is controlled by the type of soil at the bottom of the trench and its underlying soils of the excavation trench. For the proposed 24” PVC sanitary sewer pipes, the bottom of an excavation in the very stiff to hard, gray silty clay is stable for failure by plastic clay bottom heave since the bottom heave Factor of Safety is greater than 1.5 for the proposed temporary braced excavation trench. This statement is also true for the 8” PVC pipe on Dempster Avenue.

For conventional open cut and cover excavation construction, the following bedding and trench backfill recommendations are applicable for the proposed 8” PVC and 24” PVC enhancement sanitary sewers improvements project.

Pipe Bedding

Bedding material should comply with Article 1003.04 of the IDOT Standard Specifications for Road and Bridge Construction, 2022 Edition. The bedding material should be a well-graded granular material equivalent to IDOT FA-1, FA-2 or FA-6. A minimum 4.0 inches of bedding material is required to be placed below the storm pipe repair lengths. The bedding material must be placed in maximum 4.0-inch loose lifts and compacted to a minimum 95% of the maximum density according to AASHTO T-99. The placement of bedding material must comply with Article 550.04 of the IDOT Standard Specifications for Road and Bridge Construction, 2022 Edition.

Trench Backfill

The soils excavated from the sanitary sewer trenches cannot be used as backfill of the trenches under driveways, sidewalks or street pavements. The approved granular trench backfill material should be placed in maximum eight-inch loose lifts with each lift compacted to a minimum of 95% of maximum density as per AASHTO T-99 to the proposed subgrade of the street. Trench backfill material should be CA-6 of the IDOT Standard Specifications for Road and Bridge Construction, 2022 Edition. However, the final one foot of trench backfill should be compacted to 100% of maximum density as obtained according to AASHTO T-99. The excavation at any pavement areas should be completed with a bituminous concrete pavement section to match the existing pavement section or concrete for concrete driveways and/or sidewalks.

Pavement Patching Recommendations

Upon backfilling the sanitary sewer pipe trenches with compacted trench backfill materials according to the recommendations given under '**Trench Backfill'** section the cut areas of the pavement should be patched with Class D patches as per IDOT Standard Specifications for Road and Bridge Construction, 2022 Edition.

Potential Construction Problems

No groundwater was encountered in most of the borings drilled and sampled for the explanation to a depth of 20 feet each at this project site during this subsurface exploration of June, 2024 and the groundwater problem will generally be minimum in the street covered by these soil borings. However, during the rainy season and under normal conditions, surface runoff and seepage water that may

accumulate overnight or momentarily in the excavation trenches can be removed by means of standard sump and pump procedures. Construction dewatering and excavation schemes are the sole responsibility of the installing utility contractor.

Any excavation that extend greater than five feet in depth should be designed in accordance with U.S. Department of Labor, Occupational Safety and Health Administration 1989 (OSHA) "Occupational Safety and Health Standards-Excavations; Final Rule" 29 CFR, Part 1926, Subpart P. Excavations with properly sloped or braced excavation earth retention systems (such as trench boxes) to prevent excavation instability and provide safety is the responsibility of the utilities contractor. Also, the means and methods of excavating the soil materials are at the discretion of the utilities contractor and are the responsibility of the utilities contractor.

Construction Consultation Engineering

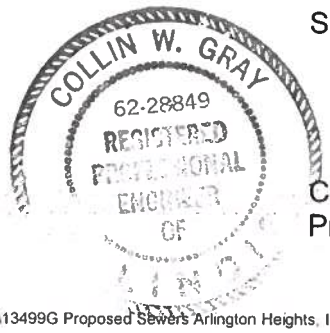
A Field Geotechnical Engineer from SEECO Consultants Inc. should be present during the utilities excavation operations to ensure compliance with the specifications during construction. Field density tests to determine the degree of trench backfill compaction should be performed by a Field Engineering Technician or Field Geotechnical Engineer from SEECO Consultants Inc. once the new 24" PVC and 8" PVC pipe sections are installed and the backfilling begins.

Closing Remarks

We trust this report and the information contained herein is sufficient for your present requirements. We have welcomed the opportunity to be of service to you on this project. If there are any questions regarding this report, please contact us at your convenience.

Respectfully submitted,

SEECO Consultants, Inc.



Collin W. Gray, S.E., P.E.
President

CWG:arm

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APPENDIX

1. **BORING LOCATION PLAN**

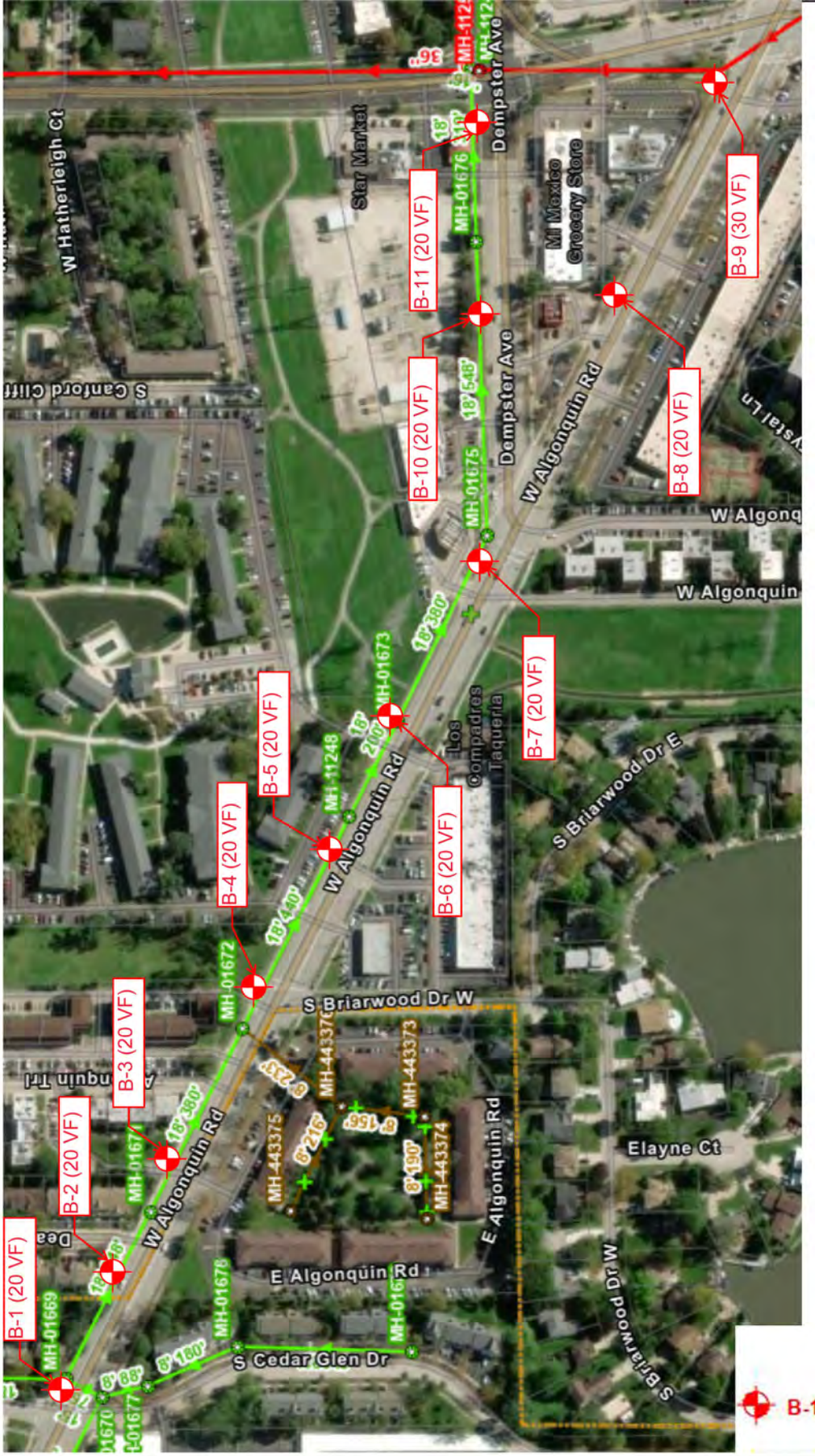
2. **GENERAL NOTES**

3. **BORING LOGS**

4. **UNIFIED SOIL CLASSIFICATION**

5. **APPARENT LATERAL EARTH PRESSURE DIAGRAM FOR TRENCH PROTECTION BOX DESIGN IN CLAYEY SOILS (H ≤ 20 FEET DEEP)**

APPENDIX 1



DRAWN BY G.G.	APPROVED CWG	DATE 7/10/2024	BORING LOCATION PLAN
SCALE N.T.S.	FIGURE 1 OF 1	JOB NO. 13499G	CLIENT RJN Group, Inc.

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, Illinois 60477
OFFICE: (708) 429-1666 FAX: (708) 429-1689

PROJECT NAME & LOCATION

Proposed Algonquin Road Sanitary Sewer Capacity Improvements, West Alqonquin Road and Dempster Ave., Arlington Heights, IL

APPENDIX 2

SEECO Consultants Inc.
7350 DUVAN DRIVE
TINLEY PARK, ILLINOIS 60477

GENERAL NOTES

DRILLING AND SAMPLING SYMBOLS

SS	SPLIT SPOON	1-3/8" I.D. x 2" O.D. (EXCEPT WHERE NOTED)
2T	THINWALL TUBE SAMPLER	2" O.D. x 1-7/8" I.D.
3T	THINWALL TUBE SAMPLER	3" O.D. x 2-7/8" I.D.
3P	PISTON SAMPLER	3" O.D. THINWALL TUBE
FA	CONTINUOUS FLIGHT AUGER	4" O.D.
HS	HOLLOW STEM AUGER	6-3/4" O.D. x 3-1/4" I.D.
HA	HAND AUGER	
RB	ROLLER ROCK BIT	
FT	FISHTAIL BIT	
DB	DIAMOND BIT	
AX	ROCK CORE	1-3/16" DIAMETER
BX	ROCK CORE	1-5/8" DIAMETER
NX	ROCK CORE	2-1/8" DIAMETER
AS	AUGER SAMPLE	
WS	WASH SAMPLE	
CA	COMBINED ANALYSIS	
SA	SIEVE ANALYSIS	

Standard "N" Penetration: Blows per foot of a 140 pound hammer falling 30 inches on a two inch O.D. split spoon, except where noted.

WATER LEVEL MEASUREMENT SYMBOLS

▼	WATER LEVEL OBSERVATION	WD	WHILE DRILLING
WCI	WET CAVE-IN	BCR	BEFORE CASING REMOVAL
DCI	DRY CAVE-IN	ACR	AFTER CASING REMOVAL
WS	WHILE SAMPLING	AB	AFTER BORING

Water levels indicated on the boring logs are the levels measured in the boring at the times indicated. In pervious soils, the indicated elevations are considered reliable groundwater levels. In impervious soils, the accurate determination of groundwater elevations are not possible in even several days observation, and additional evidence on groundwater elevations must be sought.

SOIL IDENTIFICATION TERMINOLOGY

COHESIONLESS SOILS

COMPONENT	SIZE RANGE	DESCRIPTIVE TERM	PERCENT OF WEIGHT
BOULDERS	OVER 8"	TRACE	0 – 10
COBBLES	8" TO 3"	LITTLE	10 – 20
GRAVEL	3" TO #4 SIEVE (4.75 mm)	SOME	20 – 35
SAND	#4 TO #200 SIEVE (0.074 mm)	AND	35 – 50
SILT	PASSING #200 SIEVE (0.074 mm)		

SEECO Consultants Inc.
7350 DUVAN DRIVE
TINLEY PARK, ILLINOIS 60477

GENERAL NOTES

SOIL IDENTIFICATION TERMINOLOGY (Cont'd)

COHESIVE SOILS

DESCRIPTIVE TERM	PLASTICITY INDEX
CLAYEY SILT OR ORGANIC CLAYEY SILT	4 – 7
SILTY CLAY OR ORGANIC SILTY CLAY	8 – 30
CLAY OR ORGANIC CLAY	> 30

INTERMEDIATE SOILS

DESCRIPTIVE TERM	PLASTICITY INDEX
SILT	0 – 3

Unconfined compression tests are generally not applicable for intermediate soils.

CONSISTENCY OF COHESIVE SOILS

UNCONFINED COMP. STRENGTH, Qu, TSF	CONSISTENCY
<0.25	VERY SOFT
0.25 - 0.49	SOFT
0.50 - 1.00	MEDIUM
1.01 - 1.99	STIFF
2.00 - 3.99	VERY STIFF
4.00 - 8.00	HARD
>8.00	VERY HARD

RELATIVE DENSITY OF GRANULAR SOILS

1-3/8" I.D. x 2" O.D. with 140 pound hammer falling 30"

N – BLOWS/FT.	RELATIVE DENSITY
0 – 3	VERY LOOSE
4 – 9	LOOSE
10 – 29	MEDIUM DENSE
30 – 49	DENSE
50 – 80	VERY DENSE
>80	EXTREMELY DENSE

CONSISTENCY OF COHESIVE SOILS

N – BLOWS/FT.	RELATIVE DENSITY
0 – 2	VERY SOFT
2 – 4	SOFT
4 – 8	MEDIUM
8 – 15	STIFF
15 – 30	VERY STIFF
>30	HARD

APPENDIX 3

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-1**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)

Unconfined Compressive Strength, Tons/Ft.^{2} (1 2 3 4 5) PL MC LL

STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	REMARKS
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 9.5" PORTLAND CEMENT CONCRETE BASE 6" GRAVEL SUBBASE		
2.5	1	SS	67		FILL: SILTY CLAY, Dark Gray, Little Sand, Trace Gravel, Very Stiff, Moist (CL)	0	
		HS			SILTY CLAY, Gray, Trace Brown, Trace Sand and Gravel, Hard, Wet (CL)		
5.0	2	SS	75		SILTY CLAY, Dark Gray, Trace Brown, Trace Sand and Gravel, Stiff, Moist (CL)	0	
		HS					
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0	
		HS					
10.0	4	SS	75		SILTY CLAY, Brown and Gray, Little Sand and Gravel, Very Stiff, Moist (CL)	0	
12.5		HS					
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Hard to Very Stiff, Moist (CL)	0	
15.0							
		HS					
17.5							
	6	SS	75			0	
20.0					End of Boring at 20 Feet.		
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.		
25.0							

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations			SEECO Consultants, Inc.			Boring Started	6/14/24	
W.L.						Boring Completed	6/14/24	
W.L.	Dry WS/WD	Dry ACR	7350 Duvan Drive, Tinley Park, IL 60477			Driller	EN	Rig D-50
W.L.			Approved	GG	Job No. 13499G	Drawn By	JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-2**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	Unconfined Compressive Strength, Tons/Ft.^{2} / STD "N" PENETRATION BLOWS PER FT.	REMARKS
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 5.5" GRAVEL SUBBASE			
2.5	1	SS	67		FILL: SILTY CLAY, Brown, Gray and Black, Trace Sand and Gravel, Hard, Moist (CL)	0		
		HS						
5.0	2	SS	67		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Stiff to Hard to Very Stiff, Moist (CL)	0		
		HS						
7.5	3	SS	75			0		
		HS						
10.0	4	SS	75			0		
12.5		HS						
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0		
15.0								
		HS						
17.5								
	6	SS	75			0		
20.0					End of Boring at 20 Feet.			
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.			

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5 — PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations			SEECO Consultants, Inc.			Boring Started	6/14/24	
W.L.						Boring Completed	6/14/24	
W.L.	Dry WS/WD	Dry ACR	7350 Duvan Drive, Tinley Park, IL 60477			Driller	EN	Rig D-50
W.L.			Approved	GG	Job No. 13499G	Drawn By	JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-3**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS		2.5" BITUMINOUS CONCRETE PAVEMENT	
				10" PORTLAND CEMENT CONCRETE BASE	
				5.5" GRAVEL SUBBASE	
2.5	1	SS	75	SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Hard, Moist (CL)	0
		HS			
5.0	2	SS	75		0
		HS			
7.5	3	SS	75		0
		HS			
10.0	4	SS	75	SILTY CLAY, Gray, Trace Brown, Trace Sand and Gravel, Hard, Moist (CL)	0
12.5		HS			
	5	SS	75	SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
15.0					
		HS			
17.5					
	6	SS	75		0
20.0				End of Boring at 20 Feet.	
				Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
22.5					
25.0					

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

REMARKS: WS, ACR

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	14' WS	16' ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/14/24		
Boring Completed	6/14/24		
Driller	EN	Rig	D-50
Drawn By	JO	Sheet	1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-4**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 6.5" GRAVEL SUBBASE	
2.5	1	SS	75		FILL: SILTY CLAY, Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
		HS				
5.0	2	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff to Hard, Moist (CL)	0
		HS				
7.5	3	SS	75			0
		HS				
10.0	4	SS	75			0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
15.0						
		HS				
17.5						
	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	

Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/24/24
Boring Completed	6/24/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-5**

SURFACE ELEVATION (M.S.L.) + -

STATION | OFFSET

DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 5.5" GRAVEL SUBBASE	
2.5	1	SS	58		FILL: SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
		HS				
5.0	2	SS	75		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
		HS				
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff to Hard, Moist (CL)	0
		HS				
10.0	4	SS	75			0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
15.0						
		HS				
17.5	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
25.0						

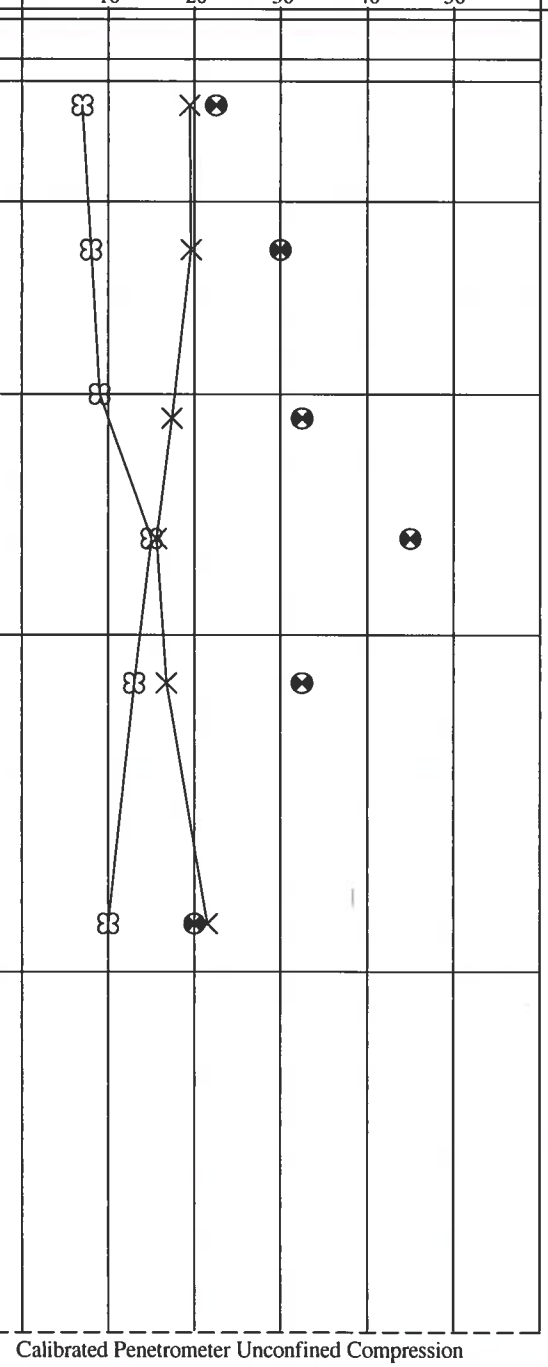
Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50



⊗ Calibrated Penetrometer Unconfined Compression

REMARKS

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/24/24
Boring Completed	6/24/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-6**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	Unconfined Compressive Strength, Tons/Ft.^{2} (1 2 3 4 5) PL MC LL; STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)	REMARKS
		HA			12" TOPSOIL, Dark Brown, Trace Sand and Gravel (OL)			
2.5	1	SS	67		SILTY CLAY, Dark Gray, Trace Brown, Trace Sand and Gravel, Hard, Moist (CL)	0		
		HA						
5.0	2	SS	75			0		
		HA						
7.5	3	SS	75			0		
		HA						
10.0	4	SS	75			0		
		HA			SILTY CLAY, Gray, Trace Reddish Brown. Trace Sand and Gravel, Hard, Moist (CL)			
12.5	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0		
15.0								
		HA						
17.5	6	SS	75			0		
20.0					End of Boring at 20 Feet.			
22.5					Note: 1) All the soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and utilizing olfactory senses and no petroleum odors were observed in this boring with all PID readings 0.0 PPM.			
25.0					2) This boring was drilled and sampled using a 3" diameter open tubular stainless steel hand auger in conjunction with a 35-pound hammer dropped 30 inches onto a split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation.			
27.5								

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations			SEECO Consultants, Inc.			Boring Started	6/19/24
W.L.						Boring Completed	6/19/24
W.L.	Dry WS/WD	Dry ACR	7350 Duvan Drive, Tinley Park, IL 60477			Driller EN	Rig HA/PORT H M R
W.L.			Approved GG	Job No. 13499G		Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-7**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HA			36" TOPSOIL WITH STONE AND GRAVEL, Brown, Very Stiff, Dry (OL)	
2.5	1	SS			(No SPT recovery - took hand auger sample)	0
		HA			SILTY CLAY, Brown and Gray, Trace Sand, Trace to LIttle to Trace Gravel, Hard to Very Stiff, Moist (CL)	
5.0	2	SS	75			0
		HA				
7.5	3	SS	75			0
		HA				
10.0	4	SS	67			0
12.5		HA				
	5	SS	75		SILTY CLAY, Gray, Trace Reddish Brown. Trace Sand and Gravel, Very Stiff, Moist (CL)	0
15.0						
17.5		HA				
	6	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All the soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and utilizing olfactory senses and no petroleum odors were observed in this boring with all PID readings 0.0 PPM.	
25.0					2) This boring was drilled and sampled using a 3" diameter open tubular stainless steel hand auger in conjunction with a 35-pound hammer dropped 30 inches onto a split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation.	
27.5						

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/20/24
Boring Completed	6/20/24
Driller EN	Rig HA/PORT H M R
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-8**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	OVM ppm	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	REMARKS
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 7.5" GRAVEL SUBBASE, Dark Gray, With Silty Fines	
2.5	1	SS		0	TOPSOIL: SILTY CLAY, Dark Gray, Trace Sand and Gravel, Stiff, Moist (CL)	
		HS				
5.0	2	SS	50	0		▽ WS
		HS				
7.5	3	SS	75	0	SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	
		HS				
10.0	4	SS	8	0	Disturbed	
12.5		HS				
	5	SS	75	0	SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	
15.0						
		HS				
17.5						
	6	SS	75	0		
20.0					End of Boring at 20 Feet.	
					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
22.5						
25.0						

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	4.5' WS	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved: GG | Job No.: 13499G

Boring Started	6/20/24		
Boring Completed	6/20/24		
Driller	EN	Rig	D-50
Drawn By	JO	Sheet	1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-9**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

Unconfined Compressive Strength, Tons/Ft.^{2} (1 2 3 4 5) PL MC LL

STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	REMARKS
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 8.5" GRAVEL SUBBASE		
2.5	1	SS	33		CLAY TOPSOIL, Black, Trace Gravel, Very Stiff, Dry (OL)	0	
		HS					
5.0	2	SS	75		SILTY CLAY, Dark Gray, Trace Brown, Trace Sand and Gravel, Stiff, Moist (CL)	0	
		HS					
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0	
		HS					
10.0	4	SS	58			0	
12.5		HS					
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Hard to Very Stiff, Moist (CL)	0	
15.0		HS					
17.5	6	SS	75			0	
20.0		HS					
22.5	7	SS	75			0	
25.0					End of Boring at 25 Feet. Note: All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.		
27.5							

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/20/24
Boring Completed	6/20/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-10**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE	
	1	SS	75		12" CRUSHED STONE SUBBASE, Gray, With Fines and Dark Gray Silt	0
2.5		HS			CLAYEY SAND, Dark Gray, Little Gravel, Medium Dense, Dry (Petroleum Odor) (SC)	
	2	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff to Hard, Moist (CL)	0
5.0		HS				
	3	SS	75			0
7.5		HS				
	4	SS	75			0
10.0		HS				
12.5	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
15.0		HS				
17.5	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
25.0						

Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/19/24
Boring Completed	6/19/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-11**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2" BITUMINOUS CONCRETE PAVEMENT 9.5" PORTLAND CEMENT CONCRETE BASE 6.5" CRUSHED STONE SUBBASE, Gray, With Fines and Dark Gray Silt	
2.5	1	SS	67		SILTY CLAY, Gray, Trace Brown, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
		HS				
5.0	2	SS	75			0
		HS				
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
		HS				
10.0	4	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Hard, Moist (CL)	0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
15.0						
		HS				
17.5	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/19/24
Boring Completed	6/19/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

APPENDIX 4

CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES

ASTM Designation: D 2487-10

(Based on United Soil Classification System)

SEECO Consultants, Inc.

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests[A]

			Soil Classification	Group Symbol	Group Name[B]
Coarse Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines[C]	Cu≥4 and 1≤Cc≤3[E]	GW	Well graded gravel[F]
			Cu≥4 and/or 1>Cc>3[E]	GP	Poorly graded gravel[F]
		Gravels with fines More than 12% fines[C]	Fines classify as ML or MH	GM	Silty gravel[F, G, H]
			Fines classify as CL or CH	GC	Clayey gravel[F, G, H]
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines[D]	Cu≥6 and 1≤Cc≤3[E]	SW	Well-graded sand[I]
			Cu<6 and /or 1>Cc>3[E]	SP	Poorly graded sand[I]
		Sands with fines More than 12% fines[D]	Fines classify as ML or MH	SM	Silty sand[G, H, I]
			Fines classify as CL or CH	SC	Clayey sand[G, H, I]
Fine-Grained Soils 50% or more passes the No. 200 sieve	Silts and Clays Liquid limit less than 50	Inorganic	PI>7 and plots on or above "A" line[J]	CL	Lean clay[K, L, M]
			PI<4 or plots below "A" line[J]	ML	Silt[K, L, M]
		Organic	Liquid limit –oven dried / Liquid limit –not dried <0.75	OL	Organic clay[K, L, M, N]
				OL	Organic silt[K, L, M, O]
	Silts and Clays Liquid limit 50 or more	Inorganic	PI plots on or above "A" line	CH	Fat clay[K, L, M]
			PI plots below "A" line	MH	Elastic silt[K, L, M]
		Organic	Liquid limit –oven dried / Liquid limit –not dried <0.75	OH	Organic clay[K, L, M, P]
					Organic silt[K, L, M, Q]
Highly organic soils	Primarily organic matter, dark in color, and organic odor			PT	Peat

[A]Based on the material passing the three inch (75 MM) sieve

[B]If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name

[C]Gravels with 5 to 12% fines require dual symbols:
GW-GM well-graded gravel with silt
GW-GC well-graded gravel with clay
GP-GM poorly graded gravel with silt
GP-GC poorly graded gravel with clay

[D]Sands with 5 to 12% fines require dual symbols:
SW-SM well-graded sand with silt
SW-SC well-graded sand with clay
SP-SM poorly graded sand with silt
SP-SC poorly graded sand with clay

[E]$Cu = D_{60}/D_{10}$ $Cc = \frac{(D_{30})^2}{D_{10} \times D_{60}}$

[F]If soil contains ≥15% sand, add "with sand" to group name

[G]If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM

[H]If fines are organic, add "with organic fines" to group name

[I]If soils contains ≥15% gravel, add "with gravel" to group name

[J]If Atterberg limits plot in hatched area, soil is a CL-ML, silty clay

[K]If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant

[L]If soil contains ≥30% plus No. 200, predominantly sand, add "sandy" to group name

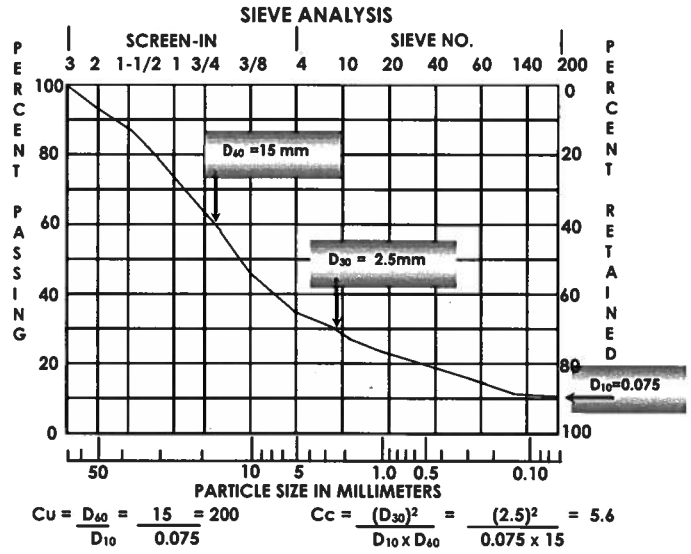
[M]If soil contains ≥30% plus No. 200, predominantly gravel, add "gravelly" to group name

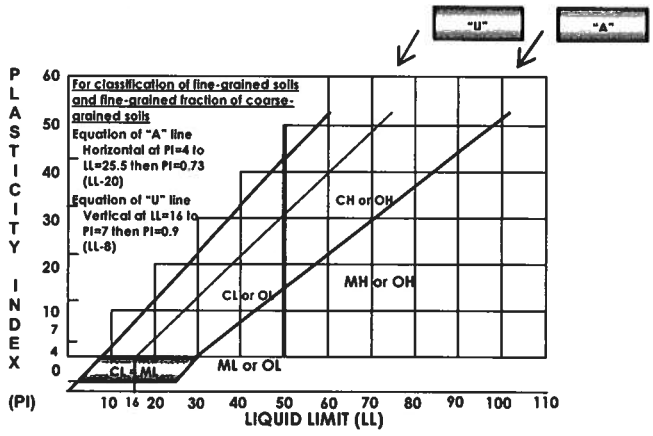
[N]PI ≥4 and plots on or above "A" line

[O]PI <4 or plots below "A" line

[P]PI plots on or above "A" line

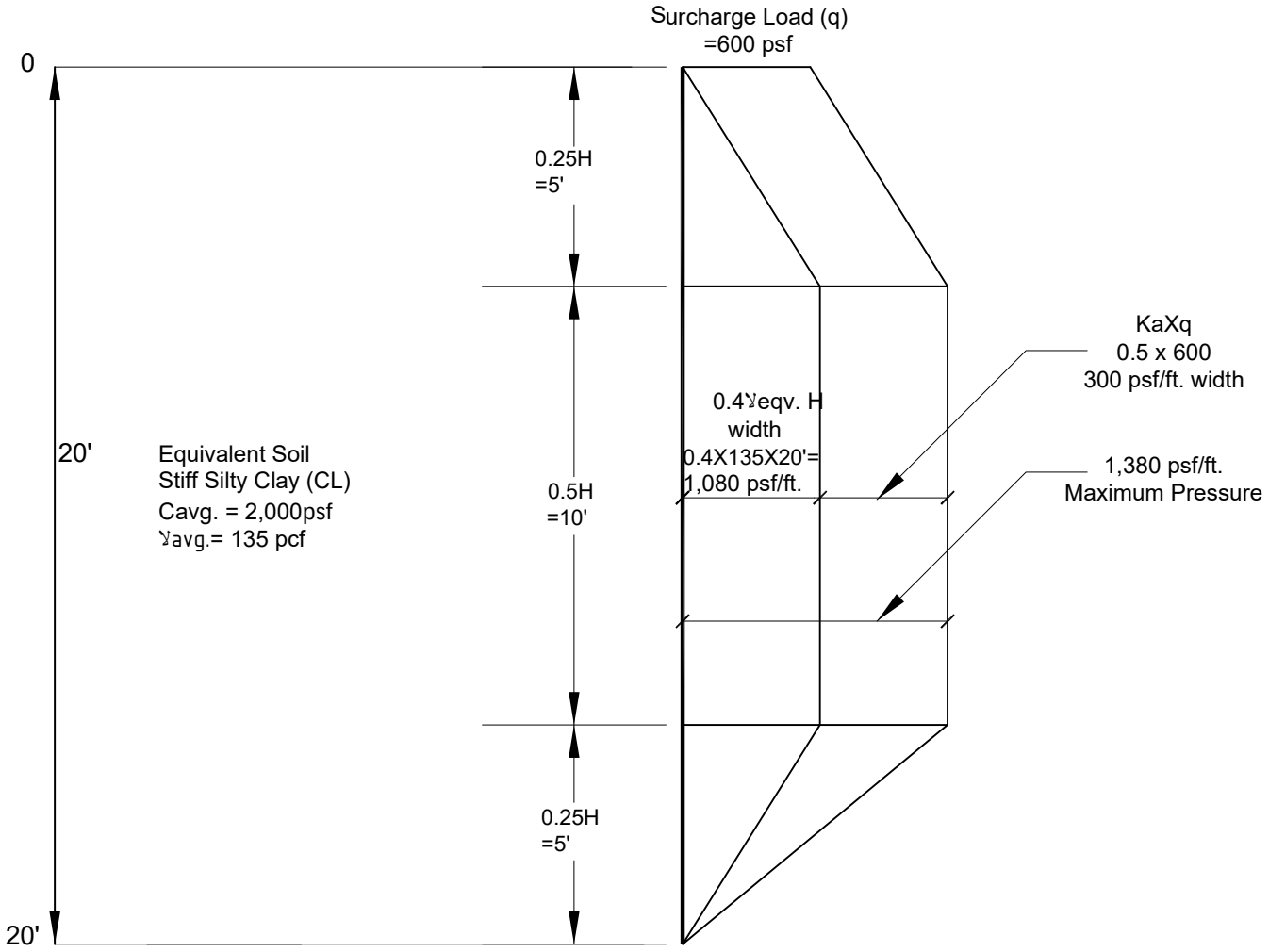
[Q]PI plots below "A" line





APPENDIX 5

Apparent Lateral Earth Pressure Diagram For Trench Protection Box Design in Clayey Soils (H ≤ 20 Feet Deep)



Note: Pressure Diagram for a braced excavation through the equivalent cohesive soils is determined by equilibrium and by assuming the area is predewatered to the bottom of the excavation.

Equivalent Soil: Cavg. =1,500 psf & ɣ avg. = 130 pcf

ɣavg. *H/Cavg. = (135 pcf * 20') / 2,000 psf = 1.35 < 4.0

$\sigma a = 0.4\gamma$ eqv.H + Ka*q

= 0.4(135)(20) +0.50*600

= 1,380 psf/ft.

Assumptions: 1) Water table is below the bottom of excavation.

DRAWN BY G.G.	*APPROVED* CWG	*DATE* 7/29/2024	APPARENT LATERAL BRACED EARTH PRESSURE DIAGRAM FOR TRENCH PROTECTION BOX DESIGN IN EQUIVALENT COHESIVE SOILS
SCALE N.T.S.	*FIGURE* 1 OF 1	*JOB NO.* 13499G	*CLIENT* RJN Group, Inc.
SEECO Consultants, Inc. *7350 Duvan Drive, Tinley Park, Illinois 60477* *OFFICE: (708) 429-1666 FAX: (708) 429-1689*			*PROJECT NAME & LOCATION* Algonquin Road & Dempster Avenue Sanitary Sewer Capacity Improvements, Mount Prospect and Arlington Heights, IL

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Uncontaminated Soil Certification
by Licensed Professional Engineer or Licensed Professional Geologist
for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Algonquin Road Sewer Upsizing Office Phone Number, if available:

Physical Site Location (address, including number and street):

Algonquin Road- Busse Road to Cedar Glen Drive and Dempster Street- Algonquin Road to Busse Road

City: Arlington Heights State: IL Zip Code: 60056

County: Cook Township: Elk Grove

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.03697 (Decimal Degrees) Longitude: - 87.96421 (-Decimal Degrees)

Identify how the lat/long data were determined:

○ GPS ⊘ Map Interpolation ○ Photo Interpolation ○ Survey ○ Other

IEPA Site Number(s), if assigned: BOL: BOW: BOA:

Approximate Start Date (mm/dd/yyyy): Approximate End Date (mm/dd/yyyy):

Estimated Volume of debris (cu. Yd.):

II. Owner/Operator Information for Source Site

Site Owner

Name: Village of Arlington Heights
Street Address: 33 S. Arlington Heights Road
PO Box:
City: Arlington Heights State: IL
Zip Code: 60005 Phone: 847.368.5800
Contact: Chris Papierniak
Email, if available:

Site Operator

Name: Village of Arlington Heights
Street Address: 33 S. Arlington Heights Road
PO Box:
City: Arlington Heights State: IL
Zip Code: 60005 Phone: 847.368.5800
Contact: Chris Papierniak
Email, if available:

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: Algonquin Road Sewer Upsizing Latitude: 41.03697 Longitude: - 87.96421

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

SEECO performed 11 soil borings and obtained 12 samples near PIPs and chemical laboratory testing was performed 12 samples. Materials certified herewith as CCDD material must be free of rebar, garbage, etc. and any said materials must be segregated from CCDD materials and disposed of in other legal means.

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0,including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201(g), 1100.205(a), 1100.610]:

SEECO screened for volatile organics using a Photo Ionization Detector which indicates the presence of volatile organics in parts per million (ppm). No readings indicated the presence of volatile organics associated with contamination at the locations tested. Laboratory analysis were within the MAC range set forth by the IEPA and soil pH range is acceptable (results attached).

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Garrett Gray (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name: SEECO Environmental Services, Inc.

Street Address: 7350 Duvan Drive

City: Tinley Park State: IL Zip Code: 60477

Phone: 708 429-1685

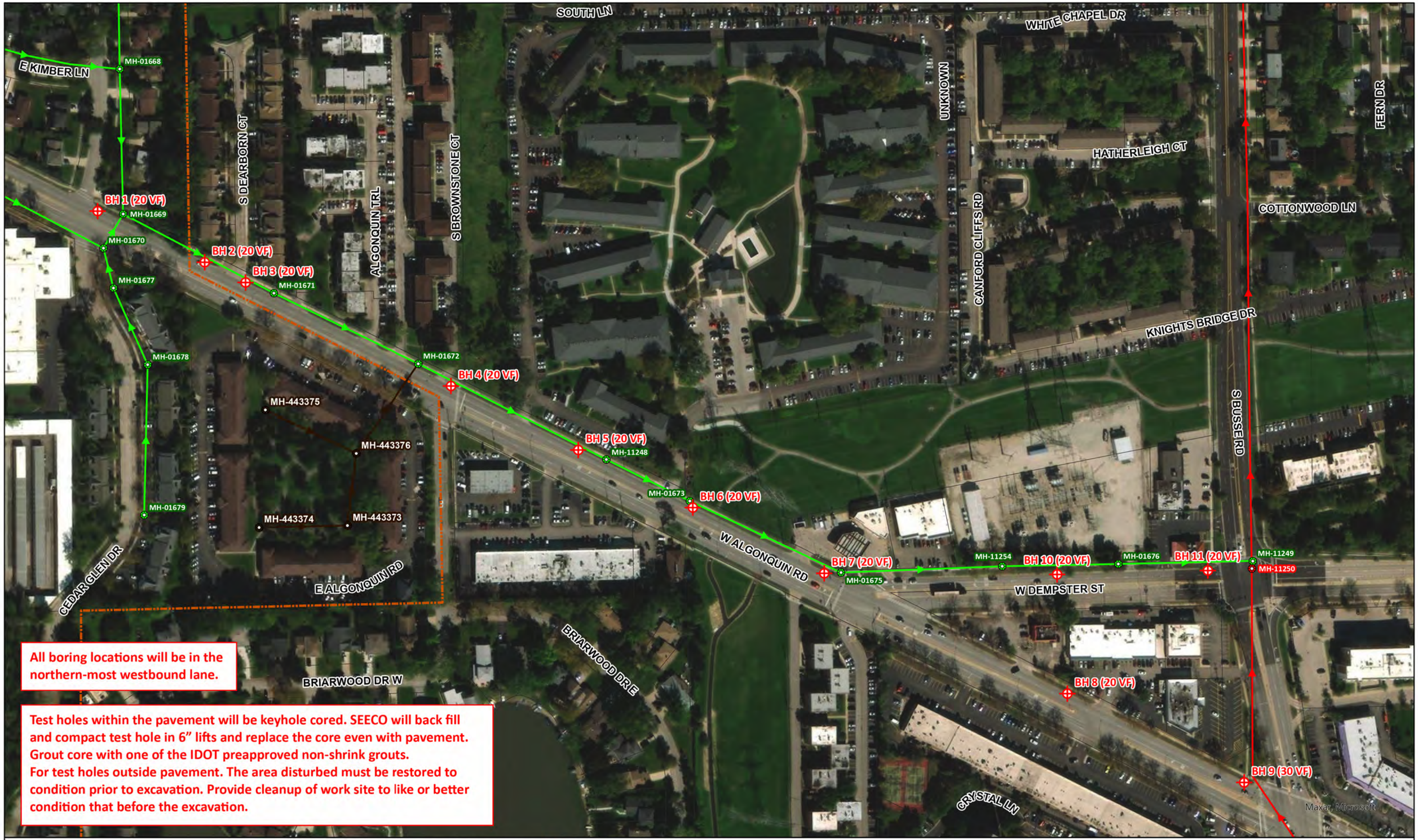
Garrett Gray
Printed Name:

Licensed Professional Engineer or Licensed Professional Geologist Signature:

Aug 19, 2024
Date:

GARRETT W. GRAY
062-060834
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

P.E or L.P. Seal:



All boring locations will be in the northern-most westbound lane.

Test holes within the pavement will be keyhole cored. SEECO will back fill and compact test hole in 6” lifts and replace the core even with pavement. Grout core with one of the IDOT preapproved non-shrink grouts.
For test holes outside pavement. The area disturbed must be restored to condition prior to excavation. Provide cleanup of work site to like or better condition that before the excavation.

rjngroup
Engineering infrastructure for tomorrow

- Village Sanitary Manholes
- Private Manholes
- MWRD Manholes
- Village Sanitary Sewers
- Private Sewers
- MWRD Sewers
- Arlington Heights Municipal Boundary
- Soil Boring Location

0 125 250
Feet

N W E S

Village of Arlington Heights, IL
Algonquin Road Sewer Upsizing
Soil Boring Location Map
March 2024

\\rjnhe-panpurs1\OFFICE-11\WHEATON\PROJECTS\ArlingtonHeights_IL\111399602 Arlington Hts Algonquin Rd Final Design\D4.2 GIS\GIS_Documents\MapDocuments- Exhibits\Exhibits for IDOT Permit.mxd - Date Printed: 3/1/2024 1:27 PM


Dempster St and Algonquin Road
Write a description for your map.
Legend
Feature 1
Untitled Path
1
2
3
4
5
5A
5B
6
6A
6B
7
7A
7B
62
Bearpoint Ct
Briarwood Dr S
S Cedar Glen Dr
E Algonquin
S Briarwood Dr W
Google Earth
700 ft
N


Dempster St and Algonquin Road
Write a description for your map.
Legend
Feature 1
Untitled Path
6B
7A
7
7B
10A
10
10B
11
Dempster St
8A
8
8B
W Algonquin Rd
Busse Rd
9A
9
9B
Hatherleigh Ct
Hatherleigh Ct
Google Earth
400 ft
N

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-1**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 9.5" PORTLAND CEMENT CONCRETE BASE 6" GRAVEL SUBBASE	
2.5	1	SS	67		FILL: SILTY CLAY, Dark Gray, Little Sand, Trace Gravel, Very Stiff, Moist (CL)	0
		HS			SILTY CLAY, Gray, Trace Brown, Trace Sand and Gravel, Hard, Wet (CL)	
5.0	2	SS	75		SILTY CLAY, Dark Gray, Trace Brown, Trace Sand and Gravel, Stiff, Moist (CL)	0
		HS				
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
		HS				
10.0	4	SS	75		SILTY CLAY, Brown and Gray, Little Sand and Gravel, Very Stiff, Moist (CL)	0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Hard to Very Stiff, Moist (CL)	0
15.0						
		HS				
17.5						
	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
25.0						

Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50

⊗ Calibrated Penetrometer Unconfined Compression

REMARKS

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/14/24		
Boring Completed	6/14/24		
Driller	EN	Rig	D-50
Drawn By	JO	Sheet	1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-2**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 5.5" GRAVEL SUBBASE	
2.5	1	SS	67		FILL: SILTY CLAY, Brown, Gray and Black, Trace Sand and Gravel, Hard, Moist (CL)	0
		HS				
5.0	2	SS	67		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Stiff to Hard to Very Stiff, Moist (CL)	0
		HS				
7.5	3	SS	75			0
		HS				
10.0	4	SS	75			0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
15.0						
		HS				
17.5	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	

Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations			SEECO Consultants, Inc.			Boring Started	6/14/24	
W.L.						Boring Completed	6/14/24	
W.L.	Dry WS/WD	Dry ACR	7350 Duvan Drive, Tinley Park, IL 60477			Driller	EN	Rig D-50
W.L.			Approved	GG	Job No. 13499G	Drawn By	JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-3**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	OVM ppm	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	REMARKS
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT	
					10" PORTLAND CEMENT CONCRETE BASE	
					5.5" GRAVEL SUBBASE	
2.5	1	SS	75	0	SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Hard, Moist (CL)	
		HS				
5.0	2	SS	75	0		
		HS				
7.5	3	SS	75	0		
		HS				
10.0	4	SS	75	0	SILTY CLAY, Gray, Trace Brown, Trace Sand and Gravel, Hard, Moist (CL)	
12.5		HS				
	5	SS	75	0	SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	▽ WS
15.0		HS				▼ ACR
17.5	6	SS	75	0		
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
25.0						

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	14' WS	16' ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/14/24
Boring Completed	6/14/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-4**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 6.5" GRAVEL SUBBASE	
2.5	1	SS	75		FILL: SILTY CLAY, Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
		HS				
5.0	2	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff to Hard, Moist (CL)	0
		HS				
7.5	3	SS	75			0
		HS				
10.0	4	SS	75			0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
15.0						
		HS				
17.5	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	

Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/24/24
Boring Completed	6/24/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-5**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT	
					10" PORTLAND CEMENT CONCRETE BASE	
					5.5" GRAVEL SUBBASE	
	1	SS	58		FILL: SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
2.5		HS				
	2	SS	75		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
5.0		HS				
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff to Hard, Moist (CL)	0
		HS				
10.0	4	SS	75			0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
15.0						
		HS				
17.5						
	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
25.0						

Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/24/24
Boring Completed	6/24/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-6**

SURFACE ELEVATION (M.S.L.) + -

STATION | OFFSET

DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5; PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	REMARKS
		HA			12" TOPSOIL, Dark Brown, Trace Sand and Gravel (OL)		
2.5	1	SS	67		SILTY CLAY, Dark Gray, Trace Brown, Trace Sand and Gravel, Hard, Moist (CL)	0	
		HA					
5.0	2	SS	75			0	
		HA					
7.5	3	SS	75			0	
		HA					
10.0	4	SS	75			0	
		HA			SILTY CLAY, Gray, Trace Reddish Brown. Trace Sand and Gravel, Hard, Moist (CL)		
12.5							
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0	
15.0							
		HA					
17.5							
	6	SS	75			0	
20.0					End of Boring at 20 Feet.		
22.5					Note:		
25.0					1) All the soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and utilizing olfactory senses and no petroleum odors were observed in this boring with all PID readings 0.0 PPM.		
27.5					2) This boring was drilled and sampled using a 3" diameter open tubular stainless steel hand auger in conjunction with a 35-pound hammer dropped 30 inches onto a split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation.		

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations			SEECO Consultants, Inc.			Boring Started	6/19/24
W.L.						Boring Completed	6/19/24
W.L.	Dry WS/WD	Dry ACR	7350 Duvan Drive, Tinley Park, IL 60477			Driller EN	Rig HA/PORT H M R
W.L.			Approved GG	Job No. 13499G		Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-7**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

Unconfined Compressive Strength, Tons/Ft.^{2} (1 2 3 4 5)

PL MC LL

STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	REMARKS
		HA			36" TOPSOIL WITH STONE AND GRAVEL, Brown, Very Stiff, Dry (OL)		
2.5	1	SS			(No SPT recovery - took hand auger sample)	0	
		HA			SILTY CLAY, Brown and Gray, Trace Sand, Trace to LIttle to Trace Gravel, Hard to Very Stiff, Moist (CL)		
5.0	2	SS	75			0	
		HA					
7.5	3	SS	75			0	
		HA					
10.0	4	SS	67			0	
12.5		HA					
	5	SS	75		SILTY CLAY, Gray, Trace Reddish Brown. Trace Sand and Gravel, Very Stiff, Moist (CL)	0	
15.0							
17.5		HA					
	6	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0	
20.0					End of Boring at 20 Feet.		
22.5					Note: 1) All the soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and utilizing olfactory senses and no petroleum odors were observed in this boring with all PID readings 0.0 PPM.		
25.0					2) This boring was drilled and sampled using a 3" diameter open tubular stainless steel hand auger in conjunction with a 35-pound hammer dropped 30 inches onto a split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation.		
27.5							

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations			SEECO Consultants, Inc.			Boring Started	6/20/24
W.L.						Boring Completed	6/20/24
W.L.	Dry WS/WD	Dry ACR	7350 Duvan Drive, Tinley Park, IL 60477			Driller EN	Rig HA/PORT H M R
W.L.			Approved GG	Job No. 13499G		Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-8**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5 (PL, MC, LL)

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	REMARKS
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 7.5" GRAVEL SUBBASE, Dark Gray, With Silty Fines		
2.5	1	SS			TOPSOIL: SILTY CLAY, Dark Gray, Trace Sand and Gravel, Stiff, Moist (CL)	0	
		HS					
5.0	2	SS	50			0	▽ WS
		HS					
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0	
		HS					
10.0	4	SS	8		Disturbed	0	
12.5		HS					
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0	
15.0							
		HS					
17.5							
	6	SS	75			0	
20.0					End of Boring at 20 Feet.		
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.		
25.0							

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	4.5' WS	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved: GG | Job No.: 13499G

Boring Started	6/20/24		
Boring Completed	6/20/24		
Driller	EN	Rig	D-50
Drawn By	JO	Sheet	1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**	PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**
ENGINEER: **RJN Group, Inc.**	LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-9**

SURFACE ELEVATION (M.S.L.) + -

STATION | OFFSET

Unconfined Compressive Strength, Tons/Ft.^{2} (1 2 3 4 5; PL MC LL)

STD "N" PENETRATION BLOWS PER FT. (10 20 30 40 50)

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm	REMARKS
		HS			2.5" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE 8.5" GRAVEL SUBBASE		
2.5	1	SS	33		CLAY TOPSOIL, Black, Trace Gravel, Very Stiff, Dry (OL)	0	
		HS					
5.0	2	SS	75		SILTY CLAY, Dark Gray, Trace Brown, Trace Sand and Gravel, Stiff, Moist (CL)	0	
		HS					
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0	
		HS					
10.0	4	SS	58			0	
12.5		HS					
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Hard to Very Stiff, Moist (CL)	0	
15.0		HS					
17.5	6	SS	75			0	
20.0		HS					
22.5	7	SS	75			0	
25.0					End of Boring at 25 Feet. Note: All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.		
27.5							

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations			SEECO Consultants, Inc.			Boring Started	6/20/24	
W.L.						Boring Completed	6/20/24	
W.L.	Dry WS/WD	Dry ACR	7350 Duvan Drive, Tinley Park, IL 60477			Driller	EN	Rig D-50
W.L.			Approved	GG	Job No. 13499G	Drawn By	JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-10**

SURFACE ELEVATION (M.S.L.) +/-

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2" BITUMINOUS CONCRETE PAVEMENT 10" PORTLAND CEMENT CONCRETE BASE	
	1	SS	75		12" CRUSHED STONE SUBBASE, Gray, With Fines and Dark Gray Silt	0
2.5		HS			CLAYEY SAND, Dark Gray, Little Gravel, Medium Dense, Dry (Petroleum Odor) (SC)	
	2	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff to Hard, Moist (CL)	0
5.0		HS				
	3	SS	75			0
7.5		HS				
	4	SS	75			0
10.0		HS				
12.5	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
15.0		HS				
17.5	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	
25.0						

Unconfined Compressive Strength, Tons/Ft.^{2}

1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.

10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/19/24
Boring Completed	6/19/24
Driller EN	Rig D-50
Drawn By JO	Sheet 1 of 1

BORING LOG

CLIENT: **RJN Group, Inc.**

PROJECT: **Proposed Algonquin Road Sanitary Sewer Capacity Improvements**

ENGINEER: **RJN Group, Inc.**

LOCATION: **West Alqonquin Road and Dempster Ave., Arlington Heights, IL and Mt. Prospect, IL**

BORING NUMBER **B-11**

SURFACE ELEVATION (M.S.L.) + -

STATION | OFFSET

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	OVM ppm
		HS			2" BITUMINOUS CONCRETE PAVEMENT 9.5" PORTLAND CEMENT CONCRETE BASE 6.5" CRUSHED STONE SUBBASE, Gray, With Fines and Dark Gray Silt	
2.5	1	SS	67		SILTY CLAY, Gray, Trace Brown, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
		HS				
5.0	2	SS	75			0
		HS				
7.5	3	SS	75		SILTY CLAY, Brown and Gray, Trace Black, Trace Sand and Gravel, Very Stiff, Moist (CL)	0
		HS				
10.0	4	SS	75		SILTY CLAY, Brown and Gray, Trace Sand and Gravel, Hard, Moist (CL)	0
12.5		HS				
	5	SS	75		SILTY CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)	0
15.0						
		HS				
17.5	6	SS	75			0
20.0					End of Boring at 20 Feet.	
22.5					Note: 1) All soil samples were screened with a MiniRae 3000 OVM photo-ionization detector (PID) and by utilizing olfactory senses. No petroleum odors were detected in all samples and all PID = 0 ppm.	

Unconfined Compressive Strength, Tons/Ft.^{2}: 1 2 3 4 5

PL MC LL

STD "N" PENETRATION BLOWS PER FT.: 10 20 30 40 50

REMARKS

⊗ Calibrated Penetrometer Unconfined Compression

Water Level Observations		
W.L.		
W.L.	Dry WS/WD	Dry ACR
W.L.		

SEECO Consultants, Inc.
7350 Duvan Drive, Tinley Park, IL 60477

Approved GG | Job No. 13499G

Boring Started	6/19/24		
Boring Completed	6/19/24		
Driller	EN	Rig	D-50
Drawn By	JO	Sheet	1 of 1

First Environmental Laboratories, Inc.
IL ELAP / NELAC Certification # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • FirstEnv.com

August 13, 2024

Mr. Don Cassier
SEECO ENVIRONMENTAL SERVICES
7350 Duvan Drive
Tinley Park, IL 60477

Project ID: 13499
First Environmental File ID: 24-6563
Date Received: July 25, 2024

Dear Mr. Don Cassier:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number:

1002922024-13: effective 03/06/24 through 02/28/2025.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal E Cleghorn

Neal Cleghorn
Project Manager

First
Environmental
Laboratories, Inc.
IL ELAP / NELAC Certification # 100292
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Case Narrative

SEECO ENVIRONMENTAL SERVICES

Lab File ID: **24-6563**

Project ID: **13499**

Date Received: **July 25, 2024**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected	
24-6563-001	5A 3'	07/23/24	7:00
24-6563-002	5B 4'	07/23/24	7:45
24-6563-003	6A 2'	07/23/24	8:45
24-6563-004	6B 4'	07/23/24	9:30
24-6563-005	7A 3'	07/23/24	10:30
24-6563-006	7B 5'	07/23/24	11:15
24-6563-007	8A 2'	07/23/24	12:00
24-6563-008	8B 4'	07/23/24	13:30
24-6563-009	9A 4'	07/23/24	14:15
24-6563-010	9B 3'	07/23/24	15:00
24-6563-011	10A 5'	07/23/24	15:30
24-6563-012	10B 2'	07/23/24	16:30

Sample Batch Comments:

Method 5035 vials for soil VOCs were not received. Samples preserved in lab.

First Environmental Laboratories, Inc.
IL ELAP / NELAC Certification # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • FirstEnv.com

Case Narrative

SEECO ENVIRONMENTAL SERVICES

Lab File ID: **24-6563**

Project ID: **13499**

Date Received: **July 25, 2024**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
I	ICVS % rec outside 95-105% but within 90-110%		
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5A 3'
Sample No: 24-6563-001
Date Collected: 07/23/24
Time Collected: 7:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	82.65		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/01/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5A 3'
Sample No: 24-6563-001
Date Collected: 07/23/24
Time Collected: 7:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B** Analysis Date: 08/01/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Semi-Volatile Compounds **Method: 8270C** **Preparation Method 3540C** Analysis Date: 08/01/24 Preparation Date: 07/29/24				
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	256	90	ug/kg	
Benzo(b)fluoranthene	389	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5A 3'
Sample No: 24-6563-001

Date Collected: 07/23/24
Time Collected: 7:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 08/01/24		**Preparation Method 3540C** Preparation Date: 07/29/24		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	544	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	438	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5A 3'
Sample No: 24-6563-001
Date Collected: 07/23/24
Time Collected: 7:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Semi-Volatile Compounds	**Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 08/01/24			Preparation Date: 07/29/24		
2,4,6-Trichlorophenol		< 330	330	ug/kg	
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Arsenic		10.3	1.0	mg/kg	
Barium		133	0.5	mg/kg	
Cadmium		< 0.5	0.5	mg/kg	
Chromium		18.4	0.5	mg/kg	
Lead		55.7	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 07/31/24					
Mercury		0.06	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/26/24 11:10					
pH @ 25°C, 1:2		8.05		Units	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5B 4'
Sample No: 24-6563-002
Date Collected: 07/23/24
Time Collected: 7:45
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	95.83		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/01/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5B 4'
Sample No: 24-6563-002
Date Collected: 07/23/24
Time Collected: 7:45
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B** Analysis Date: 08/01/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Semi-Volatile Compounds **Method: 8270C** **Preparation Method 3540C** Analysis Date: 08/01/24 Preparation Date: 07/29/24				
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	135	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5B 4'
Sample No: 24-6563-002
Date Collected: 07/23/24
Time Collected: 7:45
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 08/01/24		**Preparation Method 3540C** Preparation Date: 07/29/24		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 5B 4'
Sample No: 24-6563-002
Date Collected: 07/23/24
Time Collected: 7:45
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Semi-Volatile Compounds	**Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 08/01/24			Preparation Date: 07/29/24		
2,4,6-Trichlorophenol		< 330	330	ug/kg	
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Arsenic		6.5	1.0	mg/kg	
Barium		57.9	0.5	mg/kg	
Cadmium		< 0.5	0.5	mg/kg	
Chromium		17.4	0.5	mg/kg	
Lead		79.1	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 07/31/24					
Mercury		< 0.05	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/26/24 11:10					
pH @ 25°C, 1:2		8.15		Units	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 6A 2'
Sample No: 24-6563-003
Date Collected: 07/23/24
Time Collected: 8:45
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	82.03		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/01/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 6A 2'
Sample No: 24-6563-003
Date Collected: 07/23/24
Time Collected: 8:45
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/01/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	185	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Fluoranthene	501	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Pyrene	377	330	ug/kg	
Polychlorinated biphenyls (PCBs) **Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/08/24		Preparation Date: 07/31/24		
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	5.7	1.0	mg/kg	
Barium	78.0	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 6A 2'
Sample No: 24-6563-003
Date Collected: 07/23/24
Time Collected: 8:45
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Chromium		14.5	0.5	mg/kg	
Lead		80.3	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 07/31/24					
Mercury		< 0.05	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/26/24 11:10					
pH @ 25°C, 1:2		8.10		Units	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 6B 4'
Sample No: 24-6563-004
Date Collected: 07/23/24
Time Collected: 9:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	84.19		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/01/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 6B 4'
Sample No: 24-6563-004

Date Collected: 07/23/24
Time Collected: 9:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/01/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	278	90	ug/kg	
Benzo(b)fluoranthene	396	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Chrysene	341	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Fluoranthene	650	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Pyrene	517	330	ug/kg	
Polychlorinated biphenyls (PCBs) **Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/08/24		Preparation Date: 07/31/24		
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	4.9	1.0	mg/kg	
Barium	73.8	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 6B 4'
Sample No: 24-6563-004
Date Collected: 07/23/24
Time Collected: 9:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Chromium		13.4	0.5	mg/kg	
Lead		102	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 07/31/24					
Mercury		< 0.05	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/29/24 10:00					
pH @ 25°C, 1:2		8.20		Units	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 7A 3'
Sample No: 24-6563-005
Date Collected: 07/23/24
Time Collected: 10:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	87.44		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 7A 3'
Sample No: 24-6563-005
Date Collected: 07/23/24
Time Collected: 10:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	413	330	ug/kg	
Benzo(a)pyrene	465	90	ug/kg	
Benzo(b)fluoranthene	632	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Chrysene	476	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Fluoranthene	1,020	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	402	330	ug/kg	
Pyrene	752	330	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	6.0	1.0	mg/kg	
Barium	48.4	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Chromium	12.0	0.5	mg/kg	
Lead	19.5	0.5	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Total Mercury **Method: 7471B**				
Analysis Date: 07/31/24				
Mercury	< 0.05	0.05	mg/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 7A 3'
Sample No: 24-6563-005
Date Collected: 07/23/24
Time Collected: 10:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
pH @ 25°C, 1:2 **Method: 9045D**				
Analysis Date: 07/29/24 10:00				
pH @ 25°C, 1:2	8.27		Units	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 7B 5'
Sample No: 24-6563-006
Date Collected: 07/23/24
Time Collected: 11:15
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	88.11		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 7B 5'
Sample No: 24-6563-006
Date Collected: 07/23/24
Time Collected: 11:15
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	224	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Fluoranthene	426	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Pyrene	333	330	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	4.9	1.0	mg/kg	
Barium	41.4	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Chromium	11.5	0.5	mg/kg	
Lead	12.4	0.5	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.2	0.2	mg/kg	
Total Mercury **Method: 7471B**				
Analysis Date: 07/31/24				
Mercury	< 0.05	0.05	mg/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 7B 5'
Sample No: 24-6563-006
Date Collected: 07/23/24
Time Collected: 11:15
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
pH @ 25°C, 1:2 **Method: 9045D**				
Analysis Date: 07/29/24 10:00				
pH @ 25°C, 1:2	8.41		Units	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8A 2'
Sample No: 24-6563-007
Date Collected: 07/23/24
Time Collected: 12:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	89.25		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8A 2'
Sample No: 24-6563-007
Date Collected: 07/23/24
Time Collected: 12:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B** Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Semi-Volatile Compounds **Method: 8270C** **Preparation Method 3540C** Analysis Date: 08/01/24 Preparation Date: 07/29/24				
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	230	90	ug/kg	
Benzo(b)fluoranthene	1,070	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	190	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8A 2'
Sample No: 24-6563-007

Date Collected: 07/23/24
Time Collected: 12:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 08/01/24		**Preparation Method 3540C** Preparation Date: 07/29/24		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	2,580	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	2,330	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8A 2'
Sample No: 24-6563-007
Date Collected: 07/23/24
Time Collected: 12:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Semi-Volatile Compounds	**Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 08/01/24			Preparation Date: 07/29/24		
2,4,6-Trichlorophenol		< 330	330	ug/kg	
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Arsenic		4.6	1.0	mg/kg	
Barium		61.6	0.5	mg/kg	
Cadmium		< 0.5	0.5	mg/kg	
Chromium		12.8	0.5	mg/kg	
Lead		45.4	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 08/01/24					
Mercury		< 0.05	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/29/24 10:00					
pH @ 25°C, 1:2		8.02		Units	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8B 4'
Sample No: 24-6563-008
Date Collected: 07/23/24
Time Collected: 13:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	93.36		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8B 4'
Sample No: 24-6563-008
Date Collected: 07/23/24
Time Collected: 13:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B** Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Semi-Volatile Compounds **Method: 8270C** **Preparation Method 3540C** Analysis Date: 08/01/24 Preparation Date: 07/29/24				
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	882	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	450	330	ug/kg	
Benzo(a)pyrene	210	90	ug/kg	
Benzo(b)fluoranthene	1,050	330	ug/kg	
Benzo(k)fluoranthene	590	330	ug/kg	
Benzo(ghi)perylene	795	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	1,320	330	ug/kg	
Dibenzo(a,h)anthracene	208	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8B 4'
Sample No: 24-6563-008
Date Collected: 07/23/24
Time Collected: 13:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 08/01/24		**Preparation Method 3540C** Preparation Date: 07/29/24		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	2,890	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	799	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	2,160	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	2,840	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 8B 4'
Sample No: 24-6563-008

Date Collected: 07/23/24
Time Collected: 13:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Semi-Volatile Compounds	**Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 08/01/24			Preparation Date: 07/29/24		
2,4,6-Trichlorophenol		< 330	330	ug/kg	
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Arsenic		4.2	1.0	mg/kg	
Barium		37.1	0.5	mg/kg	
Cadmium		< 0.5	0.5	mg/kg	
Chromium		7.4	0.5	mg/kg	
Lead		24.4	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 08/01/24					
Mercury		< 0.05	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/29/24 10:00					
pH @ 25°C, 1:2		8.22		Units	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 9A 4'
Sample No: 24-6563-009
Date Collected: 07/23/24
Time Collected: 14:15
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	92.47		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 9A 4'
Sample No: 24-6563-009
Date Collected: 07/23/24
Time Collected: 14:15
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	349	330	ug/kg	
Benzo(a)anthracene	705	330	ug/kg	
Benzo(a)pyrene	895	90	ug/kg	
Benzo(b)fluoranthene	990	330	ug/kg	
Benzo(k)fluoranthene	441	330	ug/kg	
Benzo(ghi)perylene	719	330	ug/kg	
Chrysene	684	330	ug/kg	
Dibenzo(a,h)anthracene	120	90	ug/kg	
Fluoranthene	1,500	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	479	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	800	330	ug/kg	
Pyrene	1,160	330	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	2.7	1.0	mg/kg	
Barium	37.7	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Chromium	7.0	0.5	mg/kg	
Lead	28.8	0.5	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Total Mercury **Method: 7471B**				
Analysis Date: 08/01/24				
Mercury	< 0.05	0.05	mg/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 9A 4'
Sample No: 24-6563-009
Date Collected: 07/23/24
Time Collected: 14:15
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
pH @ 25°C, 1:2 **Method: 9045D**				
Analysis Date: 07/29/24 10:00				
pH @ 25°C, 1:2	8.42		Units	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 9B 3'
Sample No: 24-6563-010
Date Collected: 07/23/24
Time Collected: 15:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	87.99		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 9B 3'
Sample No: 24-6563-010

Date Collected: 07/23/24
Time Collected: 15:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	500	330	ug/kg	
Benzo(a)pyrene	682	90	ug/kg	
Benzo(b)fluoranthene	882	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	537	330	ug/kg	
Chrysene	563	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Fluoranthene	1,130	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	356	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	541	330	ug/kg	
Pyrene	923	330	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	6.6	1.0	mg/kg	
Barium	96.2	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Chromium	14.9	0.5	mg/kg	
Lead	52.0	0.5	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Total Mercury **Method: 7471B**				
Analysis Date: 08/01/24				
Mercury	< 0.05	0.05	mg/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 9B 3'
Sample No: 24-6563-010

Date Collected: 07/23/24
Time Collected: 15:00
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
pH @ 25°C, 1:2 **Method: 9045D**				
Analysis Date: 07/29/24 10:00				
pH @ 25°C, 1:2	8.04		Units	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 10A 5'
Sample No: 24-6563-011
Date Collected: 07/23/24
Time Collected: 15:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	84.25		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 10A 5'
Sample No: 24-6563-011

Date Collected: 07/23/24
Time Collected: 15:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
Polychlorinated biphenyls (PCBs) **Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/08/24		Preparation Date: 07/31/24		
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	6.6	1.0	mg/kg	
Barium	56.6	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 10A 5'
Sample No: 24-6563-011

Date Collected: 07/23/24
Time Collected: 15:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Chromium		13.5	0.5	mg/kg	
Lead		11.2	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 08/01/24					
Mercury		< 0.05	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/29/24 10:00					
pH @ 25°C, 1:2		7.84		Units	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 10B 2'
Sample No: 24-6563-012
Date Collected: 07/23/24
Time Collected: 16:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540G 2011**				
Analysis Date: 07/26/24				
Total Solids	84.98		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 10B 2'
Sample No: 24-6563-012

Date Collected: 07/23/24
Time Collected: 16:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 08/02/24				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polynuclear Aromatic Hydrocarbons **Method: 8270C**		**Preparation Method 3546**		
Analysis Date: 07/30/24		Preparation Date: 07/29/24		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
Polychlorinated biphenyls (PCBs) **Method: 8082**		**Preparation Method 3540C**		
Analysis Date: 08/08/24		Preparation Date: 07/31/24		
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24		Preparation Date: 07/30/24		
Arsenic	8.7	1.0	mg/kg	
Barium	72.1	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	

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Analytical Report

Client: SEECO ENVIRONMENTAL SERVICES
Project ID: 13499
Sample ID: 10B 2'
Sample No: 24-6563-012

Date Collected: 07/23/24
Time Collected: 16:30
Date Received: 07/25/24
Date Reported: 08/13/24

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 07/31/24			Preparation Date: 07/30/24		
Chromium		17.8	0.5	mg/kg	
Lead		13.9	0.5	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		0.2	0.2	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 08/01/24					
Mercury		< 0.05	0.05	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D**				
Analysis Date: 07/29/24 10:00					
pH @ 25°C, 1:2		7.79		Units	

CHAIN OF CUSTODY RECORD

Page____of____Pgs

First Environmental Laboratories, Inc.
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Phone: (630)778-1200 * Fax (630)778-1233
E-Mail: firstinfo@firstenv.com
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Company Name: SEECO		
Street Address:		
City:	State:	Zip:
Phone:	e-Mail: cassier@seeco.com	
Send Report To:	Hardcopy: ☐	PDF e-Mail: ☐
Sampled By: EN		

Project I.D.: 13499

P.O. #:

Enter analyses required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.

Date/Time Taken	Sample Description	Matrix*	VOCs	PNAs	total 8 RCRA metalsw	pH	PCBs	SVOCs		HOLD-Do not analyze	Comments	Lab I.D.
7/23/24 7:00	5A 3	S	X		X	X		X			24-6563	-001
7:45	5B 4		X		X	X		X				-002
8:45	6A 2		X	X	X	X	X					-003
9:30	6B 4		X	X	X	X	X					-004
10:30	7A 3		X	X	X	X						-005
11:15	7B 5		X	X	X	X						-006
12:00	8A 2		X		X	X		X				-007
1:30	8B 4		X		X	X		X				-008
2:15	9A 4		X	X	X	X						-009
3:00	9B 3		X	X	X	X						-010
3:30	10A 5		X	X	X	X	X					-011
4:30	10B 2		X	X	X	X	X					-012

FOR LAB USE ONLY:
Cooler Temperature: 0.1-6°C Yes___ No___4___°C
Received within 6 hrs of collection:_____
Ice Present: Yes_____No_____

FOR LAB COURIER USE ONLY:
Sample Refrigerated: Yes_____No_____
Refrigerator Temperature:_____°C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

*Matrix Code Key: **DW**-drinking water **GW**-groundwater **WW**- wastewater **S**-soil **SL**-sludge **WIPE**-wipe **O**-other

Notes and Special Instructions:

Relinquished By: [signature]	Date/Time: 7/25/24 5:00	Received By: [signature]	Date/Time: 7/25/24 0929
Relinquished By:	Date/Time:	Received By:	Date/Time:

Rev 10/19

Site Name: algonquin rd
Location: arlington hts/ mt prospect
Prepared for: Cassier
Ref: algonquin rd
Center Coordinates: 42.03791488698703,-87.96602725982667
Prepared Date: Tue Jul 09 2024 12:22:32 GMT+0000 (Coordinated Universal Time)

ENVIRONMENTAL RADIUS REPORT

ASTM E1527-21

NETR Online

2055 E. Rio Salado Pkwy, Tempe, AZ 85381 | 480-967-6752

Summary

Federal	< 1/4	1/4 - 1/2	1/2 - 1
Lists of Federal NPL (Superfund) sites	0	0	0
Lists of Federal Delisted NPL sites	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0	0	0
Lists of Federal CERCLA sites with NFRAP	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	0	0	0
Lists of Federal RCRA TSD facilities	0	0	0
Lists of Federal RCRA generators	0	0	0
Federal institutional control/engineering control registries	0	0	0
Federal ERNS list	0	0	0

State	< 1/4	1/4 - 1/2	1/2 - 1
Lists of state and tribal Superfund equivalent sites	0	0	0
Lists of state and tribal hazardous waste facilities	0	3	0
Lists of state and tribal landfills and solid waste disposal facilities	0	0	0
Lists of state and tribal leaking storage tanks	2	6	0
Lists of state and tribal registered storage tanks	4	0	0
State and tribal institutional control/engineering control registries	0	0	0
Lists of state and tribal voluntary cleanup sites	0	1	0
Lists of state and tribal brownfields sites	0	0	0

Other	< 1/4	1/4 - 1/2	1/2 - 1
State and/or tribal lists of sites requiring further investigation / remediation	0	0	0
State list of Significant Environmental Hazards (SEH)	0	0	0
Lists of state and tribal mine sites requiring further investigation and/or remediation	0	0	0
State and/or tribal lists of spills and spill responses	0	0	0
State and/or tribal lists of emergency responses	0	0	0
State and/or tribal lists of dry cleaners	0	0	0
State and/or tribal lists of clandestine laboratory cleanups	0	0	0
State and/or tribal lists of scrap/used tire processing facilities	0	0	0
State and/or tribal lists of underground injection control sites	0	0	0
State and/or tribal listings of permitted drywells	0	0	0
Automobile salvage yards	0	0	0
Livestock Waste Control sites	0	0	0
Controlled Animal Feeding Operations (CAFOs)	0	0	0
State and/or tribal lists of registered aboveground storage tanks (ASTs)	0	0	0
C.A.A. Permitted Facilities	0	0	0
NPDES Permitted Facilities	0	0	0
Onsite Wastewater Treatment sites	0	0	0
State and/or tribal lists of permitted facilities	4	0	0
Resource Conservation and Recovery Act Information (RCRAInfo)	5	15	0
U.S. EPA Enforcement, Compliance History Online (ECHO)	0	0	0
U.S. EPA Underground Storage Tanks (UST)	2	0	0
U.S. EPA Toxic Substances Control Act (TSCA) database	0	1	0
U.S. EPA Toxic Release Inventory System (TRIS)	0	2	0

Lists of Federal NPL (Superfund) sites

The National Priorities List (NPL) is the list of sites of national priority among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. The NPL is updated periodically, as mandated by CERCLA.
There were no Federal NPL sites found within a one-mile radius of the target property.

Lists of Federal Delisted NPL sites

The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment. Under Section 300.425(e) of the NCP (55 FR 8845, March 8, 1990), a site may be deleted when no further response is appropriate if EPA determines that one of the following criteria has been met: 1) EPA, in conjunction with the state, has determined that responsible parties have implemented all appropriate response action required, 2) EPA, in consultation with the state, has determined that all appropriate Superfund-financed responses under CERCLA have been implemented and that no further response by responsible parties is appropriate, 3) A remedial investigation/feasibility study (RI/FS) has shown that the release poses no significant threat to public health or the environment and, therefore, remedial measures are not appropriate.

There were no Federal Delisted NPL sites found within a half-mile radius of the target property.

Lists of Federal sites subject to CERCLA removals and CERCLA orders

CERCLA identifies the classes of parties liable under CERCLA for the cost of responding to releases of hazardous substances. In addition, CERCLA contains provisions specifying when Federal installations must report releases of hazardous substances and the cleanup procedures they must follow. Executive Order No. 12580, Superfund Implementation, delegates response authorities to EPA and the Coast Guard. Generally, the head of the Federal agency has the delegated authority to address releases at the Federal facilities in its jurisdiction.

There were no Federal sites subject to CERCLA removals and/or orders found within a half-mile radius of the target property.

Lists of Federal CERCLA sites with NFRAP

No Further Remedial Action Planned (NFRAP) is a decision made as part of the Superfund remedial site evaluation process to denote that further remedial assessment activities are not required and that the facility/site does not pose a threat to public health or the environment sufficient to qualify for placement on the National Priorities List (NPL) based on currently available information. These facilities/sites may be re-evaluated if EPA receives new information or learns that site conditions have changed. A NFRAP decision does not mean the facility/site is free of contamination and does not preclude the facility/site from being addressed under another federal, state or tribal cleanup program.

There were no Federal CERCLA sites with No Further Remedial Action Planned (NFRAP) decisions found within a half-mile radius of the target property.

Lists of Federal RCRA facilities undergoing Corrective Action

Corrective action is a requirement under the Resource Conservation and Recovery Act (RCRA) that facilities that treat, store or dispose of hazardous wastes investigate and cleanup hazardous releases into soil, ground water, surface water and air. Corrective action is principally implemented through RCRA permits and orders. RCRA permits issued to TSDFs must include provisions for corrective action as well as financial assurance to cover the costs of implementing those cleanup measures. In addition to the EPA, 44 states and territories are authorized to run the Corrective Action program.

There were no Federal RCRA facilities undergoing corrective action(s) found within a one-mile radius of the target property.

Lists of Federal RCRA TSD facilities

The final link in RCRA's cradle-to-grave concept is the treatment, storage, and disposal facility (TSDF) that follows the generator and transporter in the chain of waste management activities. The regulations pertaining to TSDFs are more stringent than those that apply to generators or transporters. They include general facility standards as well as unit-specific design and operating criteria.
There were no Federal RCRA treatment, storage and disposal facilities (TSDFs) found within a half-mile radius of target property.

Lists of Federal RCRA generators

A generator is any person who produces a hazardous waste as listed or characterized in part 261 of title 40 of the Code of Federal Regulations (CFR). Recognizing that generators also produce waste in different quantities, EPA established three categories of generators in the regulations: very small quantity generators, small quantity generators, and large quantity generators. EPA regulates hazardous waste under the Resource Conservation and Recovery Act (RCRA) to ensure that these wastes are managed in ways that protet human health and the environment. Generators of hazardous waste are regulated based on the amount of hazardous waste they generate in a calendar month, not the size of their business or facility.

There were no Federal RCRA generators found at the target property and/or adjoining properties.

Federal institutional control/engineering control registries

Institutional Controls (IC) are defined as non-engineered and/or legal controls that minimize the potential human exposure to contamination by limiting land or resource use. Whereas, Engineering Controls (EC) consist of engineering measures (e.g, caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media.

There were no Federal institutional or engineering controls found at the target property.

Federal ERNS list

The Emergency Response Notification System (ERNS) is a database used to store information on notification of oil discharges and hazardous substances releases. The ERNS program is a cooperative data sharing effort encompassing the National Response Center (NRC), operated by the US Coast Guard, EPA HQ and EPA regional offices. ERNS data is used to analyze release notifications, track EPA responses and compliance to environmental laws, support emergency planning efforts, and assist decision-makers in developing spill prevention programs.

There were no Federally recorded releases of oil and/or hazardous substances at the target property.

Lists of state and tribal Superfund equivalent sites

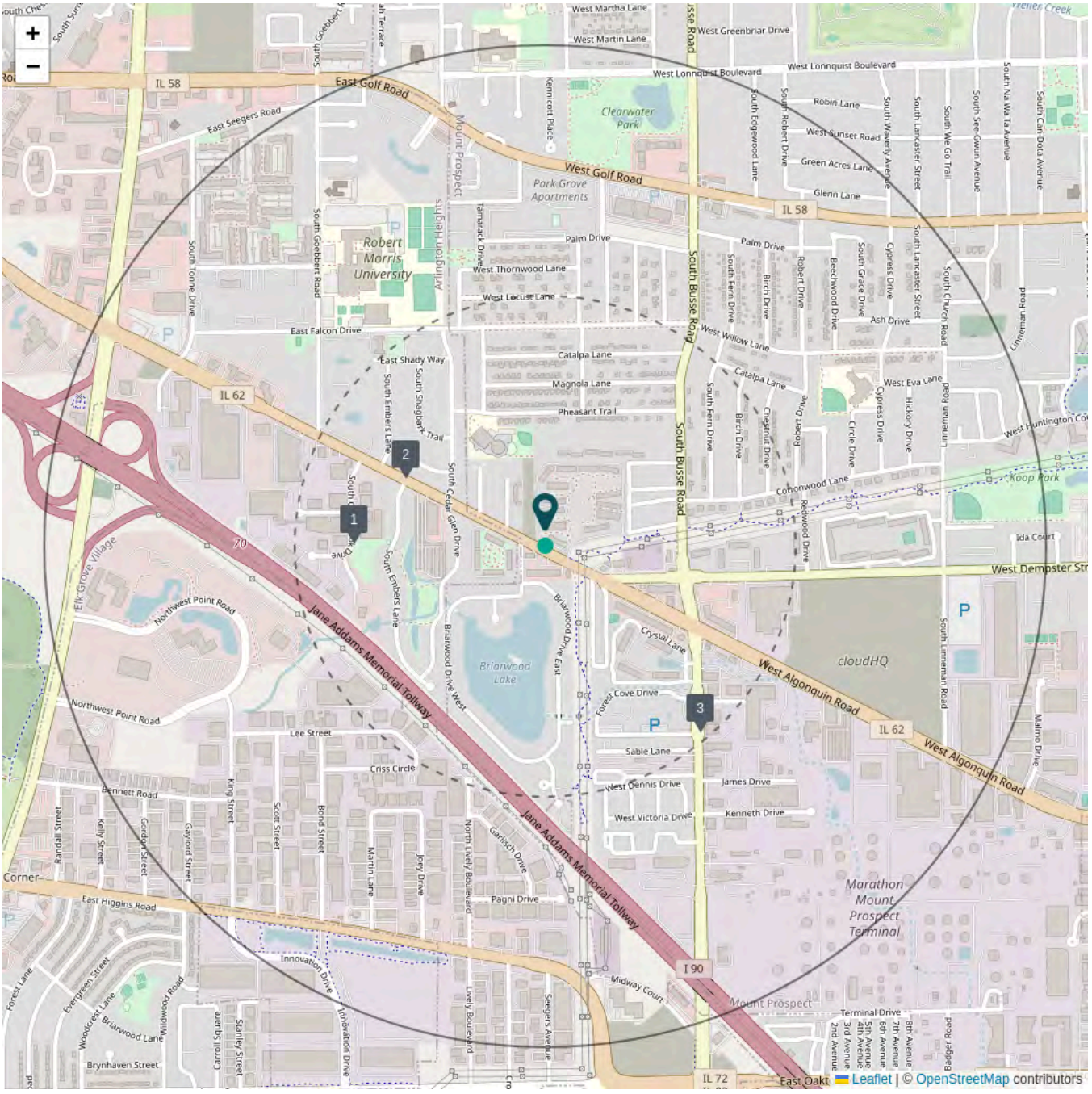
In order to maintain close coordination with the states and tribes in the NPL listing decision process, the EPA's policy is to determine the position of states and tribes on sites that EPA is considering for listing. Consistent with this policy, since 1996, it has been the EPA's general practice to seek the state or tribe's position on sites under consideration for NPL listing by submitting a written requiest to the governor/state environmental agency or tribe. Various states may have their own program for identifying, investigating and cleaning up sites where consequential amounts of hazardous waste may have been disposed that work in conjunction with the EPA's Superfund remedial program.

There were no State and/or tribal Superfund equivalent sites found within a one-mile radius of target property.

Lists of state and tribal hazardous waste facilities

IEPA - RCRA HAZARDOUS WASTE FACILITIES

The Resource Conservation and Recovery Act's (RCRA) hazardous waste permitting program ensures the safe management of hazardous wastes. Under this program, EPA establishes requirements regarding the treatment, storage and disposal of hazardous wastes. The permitting program is important to the cradle-to-grave management system for hazardous wastes, which prevents dangerous releases and avoids costly Superfund cleanups. Permits are issued by authorized state or EPA regional offices. State and EPA cooperate to implement RCRA. Hazardous waste management facilities receive hazardous wastes for treatment, storage, or disposal. These facilities are often referred to as treatment, storage and disposal facilities, or TSDFs. This data set was searched to return all records within a half-mile of the target property.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

AMERSHAM CORP

2636 S CLEARBROOK DR

RCRA Name: AMERSHAM CORP
Source ID: ILD045308426
Address: 2636 S CLEARBROOK DR
City: ARLINGTON HEIGHTS
Registry ID: 110001816759
Significant Non-Compliance: No
Quarters with Non-Compliance: 0
Inspection Count: 0
Distance From Center (Miles): 0.3855
Site Source: last updated 02-18-2022 from IEPA-HWF

2

FIRST CLEANERS

926 ALGONQUIN

RCRA Name: FIRST CLEANERS
Source ID: ILD981538580
Address: 926 ALGONQUIN
City: ARLINGTON HEIGHTS
Registry ID: 110005856476
Significant Non-Compliance: No
Quarters with Non-Compliance: 0
Inspection Count: 0
Distance From Center (Miles): 0.3116
Site Source: last updated 02-18-2022 from IEPA-HWF

3

WHIMSY TRUCKING

1901 S BUSSE RD

RCRA Name: WHIMSY TRUCKING
Source ID: ILR000132092
Address: 1901 S BUSSE RD
City: MT PROSPECT
Registry ID: 110020123686
Significant Non-Compliance: No
Quarters with Non-Compliance: 0
Inspection Count: 0
Distance From Center (Miles): 0.4817
Site Source: last updated 02-18-2022 from IEPA-HWF

Lists of state and tribal landfills and solid waste disposal facilities

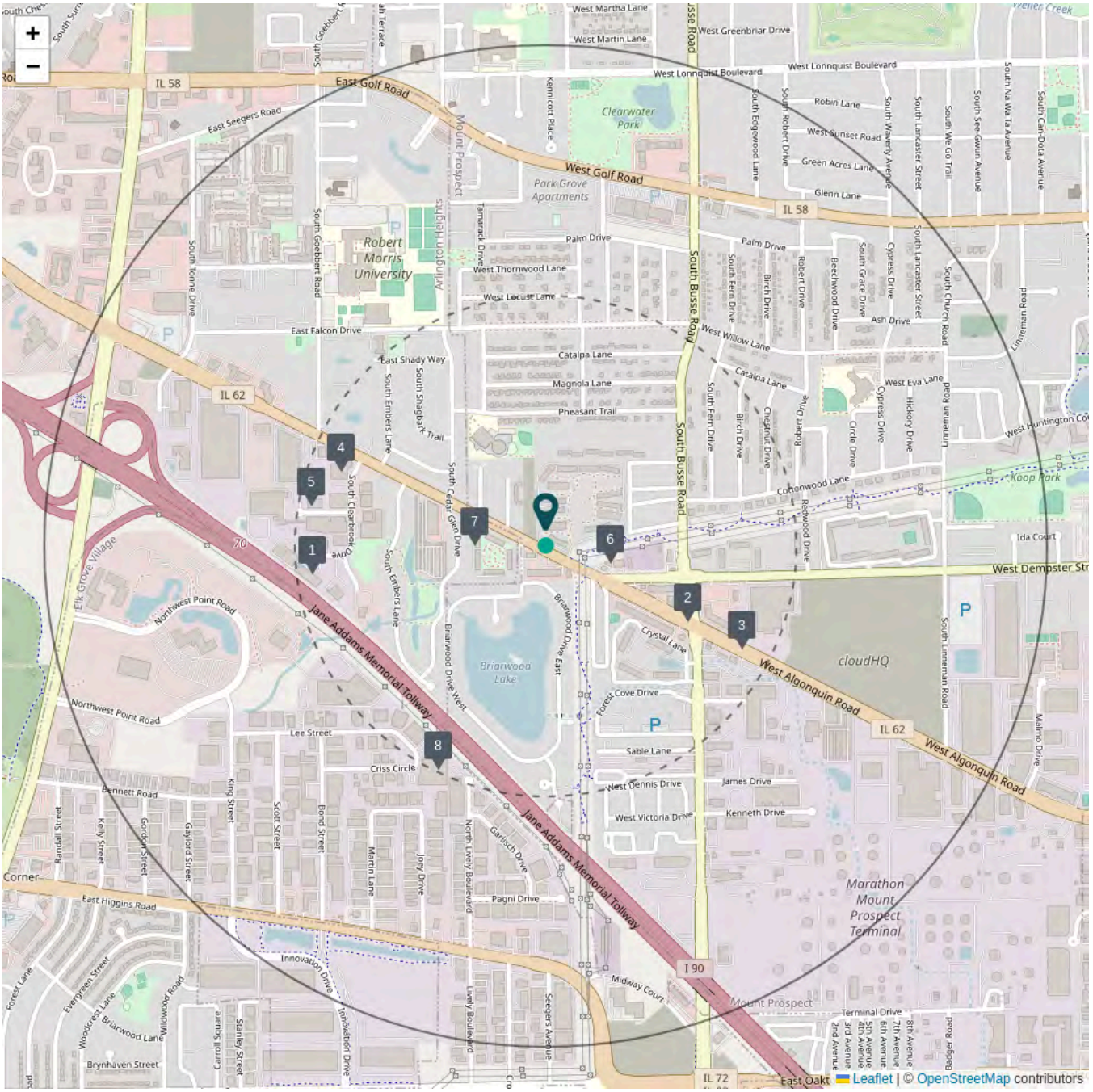
Title 40 of the CFR parts 239 through 259 contain the regulations for non-hazardous solid waste programs set up by the states. EPA has requirements for state solid waste permit programs, guidelines for the processing of solid waste, guidelines for storage and collection of commercial, residential and institutional solid waste, and the criteria for municipal solid waste landfills. State solid waste programs may be more stringent than the federal code requires.

There were no State and/or tribal landfills or solid waste disposal facilities found within a half-mile radius of the target property.

Lists of state and tribal leaking storage tanks

IEPA - LEAKING UNDERGROUND STORAGE TANKS

The Illinois Environmental Protection Agency (IEPA) Leaking UST Section oversees the remedial activities after a release from an UST has been reported to the Illinois Emergency Management Agency. This dataset has been acquired from Illinois EPA's Leaking UST database, and has been searched to return all leaking USTs within a half-mile of the target property.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

Amersham Corp.

2636 South Clearbrook Dr.

LPC Number: 316005377
IEMA Number: 891871
IEMA Date: 09/22/1989
Site Name: Amersham Corp.
Address: 2636 South Clearbrook Dr.
City: Arlington Heights
Primary RP: Amersham Corp.
Gasoline: False
Diesel: False
Jet Fuel: False
Used Oil: False
Non-Petroleum: True
Non-LUST Date:
Distance From Center (Miles): 0.4723
Site Source: last updated 02-22-2022 from IEPA-LUST

2

Amoco Oil Co. #15808

1701 West Algonquin Rd.

LPC Number: 311985083
IEMA Number: 932447
IEMA Date: 09/13/1993
Site Name: Amoco Oil Co. #15808
Address: 1701 West Algonquin Rd.
City: Mt. Prospect
Primary RP: Amoco Oil Co.
Gasoline: True
Diesel: False
Jet Fuel: False
Used Oil: False
Non-Petroleum: False
Non-LUST Date:
Distance From Center (Miles): 0.3195
Site Source: last updated 02-22-2022 from IEPA-LUST

3

Beer Motors

1603 East Algonquin Rd.

LPC Number: 311985069
IEMA Number: 901466
IEMA Date: 06/01/1990
Site Name: Beer Motors
Address: 1603 East Algonquin Rd.
City: Mt. Prospect
Primary RP: Beer Motors
Gasoline: True
Diesel: True
Jet Fuel: False
Used Oil: False
Non-Petroleum: False
Non-LUST Date:
Distance From Center (Miles): 0.4396
Site Source: last updated 02-22-2022 from IEPA-LUST

4

Boyer Rosene Moving & Storage

2512 South Clearbrook Dr.

LPC Number: 314035306
IEMA Number: 982887
IEMA Date: 11/20/1998
Site Name: Boyer Rosene Moving & Storage
Address: 2512 South Clearbrook Dr.
City: Arlington Heights
Primary RP: Boyer Rosene Moving & Storage
Gasoline: True
Diesel: True
Jet Fuel: False
Used Oil: False
Non-Petroleum: False
Non-LUST Date:
Distance From Center (Miles): 0.4382
Site Source: last updated 02-22-2022 from IEPA-LUST

5

Clearbrook Management Co.

606 East Brook Dr.

LPC Number: 314035167
IEMA Number: 920071
IEMA Date: 01/09/1992
Site Name: Clearbrook Management Co.
Address: 606 East Brook Dr.
City: Arlington Heights
Primary RP: Clearbrook Management Co.
Gasoline: True
Diesel: False
Jet Fuel: False
Used Oil: False
Non-Petroleum: False
Non-LUST Date:
Distance From Center (Miles): 0.4772
Site Source: last updated 02-22-2022 from IEPA-LUST

6

Mahalakshmi Holdings, LLC

1740 West Dempster Street

LPC Number: 311980016
IEMA Number: 20200226
IEMA Date: 03/13/2020
Site Name: Mahalakshmi Holdings, LLC
Address: 1740 West Dempster Street
City: Mt. Prospect
Primary RP: Mahalakshmi Holdings
Gasoline: False
Diesel: False
Jet Fuel: False
Used Oil: False
Non-Petroleum: False
Non-LUST Date:
Distance From Center (Miles): 0.1312
Site Source: last updated 02-22-2022 from IEPA-LUST

7

Mobil Oil

1800 South Roselle & Algonquin

LPC Number: 312345088
IEMA Number: 992576
IEMA Date: 11/17/1999
Site Name: Mobil Oil
Address: 1800 South Roselle & Algonquin
City: Palatine
Primary RP: Mobil Oil Corp.
Gasoline: False
Diesel: False
Jet Fuel: False
Used Oil: False
Non-Petroleum: False
Non-LUST Date:
Distance From Center (Miles): 0.1457
Site Source: last updated 02-22-2022 from IEPA-LUST

8

North American Spring & Stamping

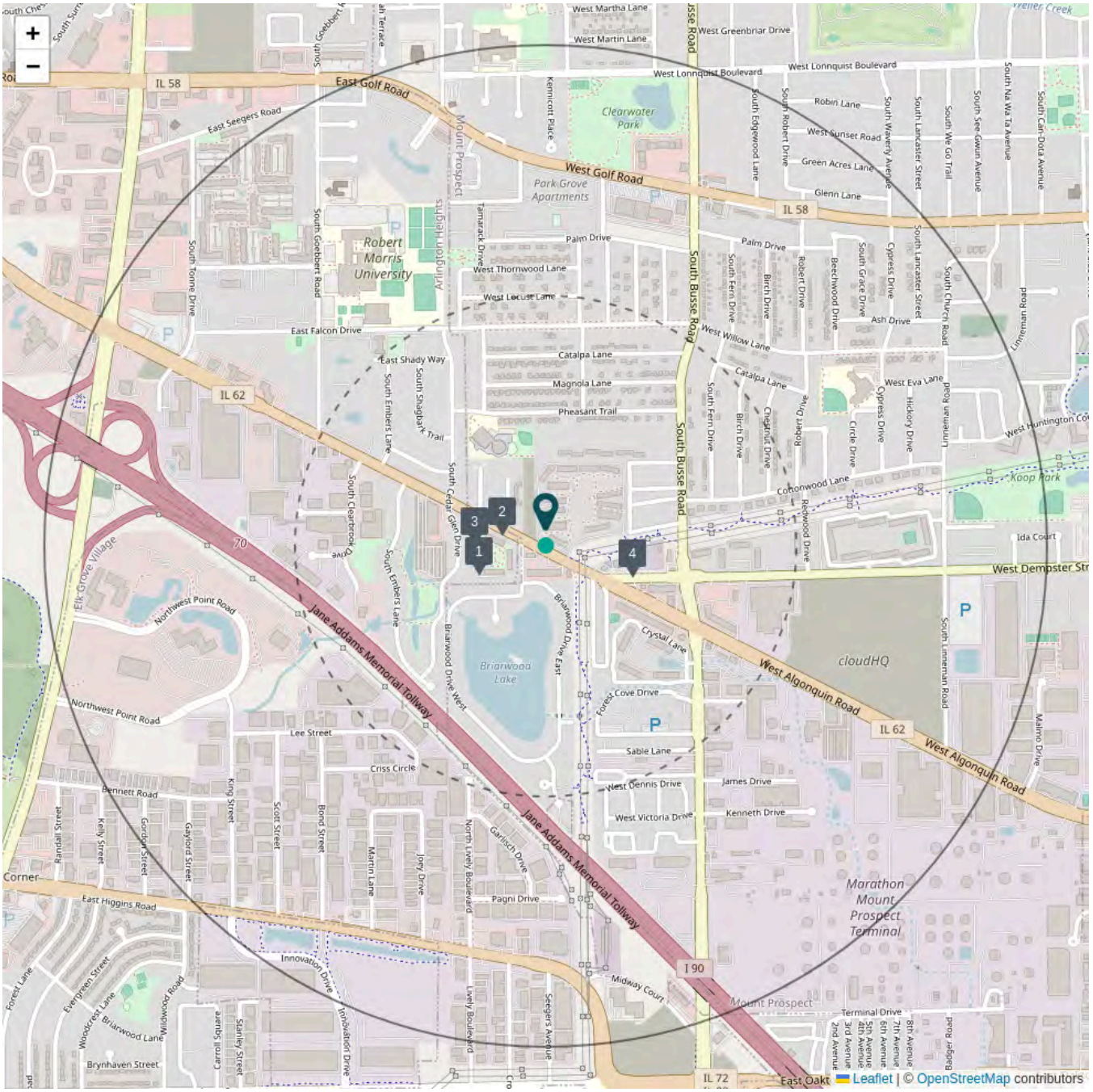
345 Criss Circle

LPC Number: 314405085
IEMA Number: 912670
IEMA Date: 09/19/1991
Site Name: North American Spring & Stamping
Address: 345 Criss Circle
City: Elk Grove Village
Primary RP: North American Spring & Stamping
Gasoline: True
Diesel: False
Jet Fuel: False
Used Oil: False
Non-Petroleum: False
Non-LUST Date:
Distance From Center (Miles): 0.4961
Site Source: last updated 02-22-2022 from IEPA-LUST

Lists of state and tribal registered storage tanks

ISFM - UNDERGROUND STORAGE TANKS

Illinois State Fire Marshal (ISFM) Office of Petroleum and Chemical Safety maintains a database containing the locations and regulatory status of underground storage tanks (USTs) within the state of Illinois. This database was searched to return all USTs relating to the target and/or adjacent properties.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

Algonquin Assoc

1105 Algonquin

Facility ID: 2014049
Facility Status: Closed
Facility Name: Algonquin Assoc
Address: 1105 Algonquin
City: Arlington Heights
Facility Type: Industrial / Manufacturing
Owner ID: U0026391
Tank ID: 2
Tank Status: Removed
Tank Regulated Status: Federal
Tank Capacity: 2000
Product: Diesel Fuel
Date Installed:
Last Used Date: 1/12/1993
Removed Date: 1/12/1993
Abandoned Date:
OSFM First Notify Date: 4/21/1986
Distance From Center (Miles): 0.1493
Site Source: last updated 03-29-2022 from ISFM-UST

2

Arlington Palce Apartments

200 Arlington Place

Facility ID: 2038505
Facility Status: Closed
Facility Name: Arlington Palce Apartments
Address: 200 Arlington Place
City: Arlington Heights
Facility Type: Residence (Non-Farm)
Owner ID: U0028315
Tank ID: 1
Tank Status: Removed
Tank Regulated Status: Federal
Tank Capacity: 550
Product: Diesel Fuel
Date Installed: 1/1/1988
Last Used Date: 12/22/1998
Removed Date: 6/1/1999
Abandoned Date:
OSFM First Notify Date: 12/22/1998
Distance From Center (Miles): 0.0915
Site Source: last updated 03-29-2022 from ISFM-UST

3

Mobil Oil 05 KVX

1800 S Roselle Road & Rt 62 (Algonquin)

Facility ID: 2009108
Facility Status: Closed
Facility Name: Mobil Oil 05 KVX
Address: 1800 S Roselle Road & Rt 62 (Algonquin)
City: Palatine
Facility Type: Other
Owner ID: U0018075
Tank ID: 4
Tank Status: Removed
Tank Regulated Status: Federal
Tank Capacity: 8000
Product: Gasoline
Date Installed: 7/1/1985
Last Used Date: 9/26/1999
Removed Date: 11/17/1999
Abandoned Date:
OSFM First Notify Date: 5/5/1986
Distance From Center (Miles): 0.1457
Site Source: last updated 03-29-2022 from ISFM-UST

4

Shell Gas Station

1740 W. Dempster Street

Facility ID: 2040290
Facility Status: Active
Facility Name: Shell Gas Station
Address: 1740 W. Dempster Street
City: Mount Prospect
Facility Type: Attended Self-Service Station
Owner ID: U0039784
Tank ID: 2
Tank Status: Currently in use
Tank Regulated Status: Federal
Tank Capacity: 15000
Product: Gasoline - Regular
Date Installed: 5/1/2001
Last Used Date:
Removed Date:
Abandoned Date:
OSFM First Notify Date: 11/27/2001
Distance From Center (Miles): 0.1816
Site Source: last updated 03-29-2022 from ISFM-UST

State and tribal institutional control/engineering control registries

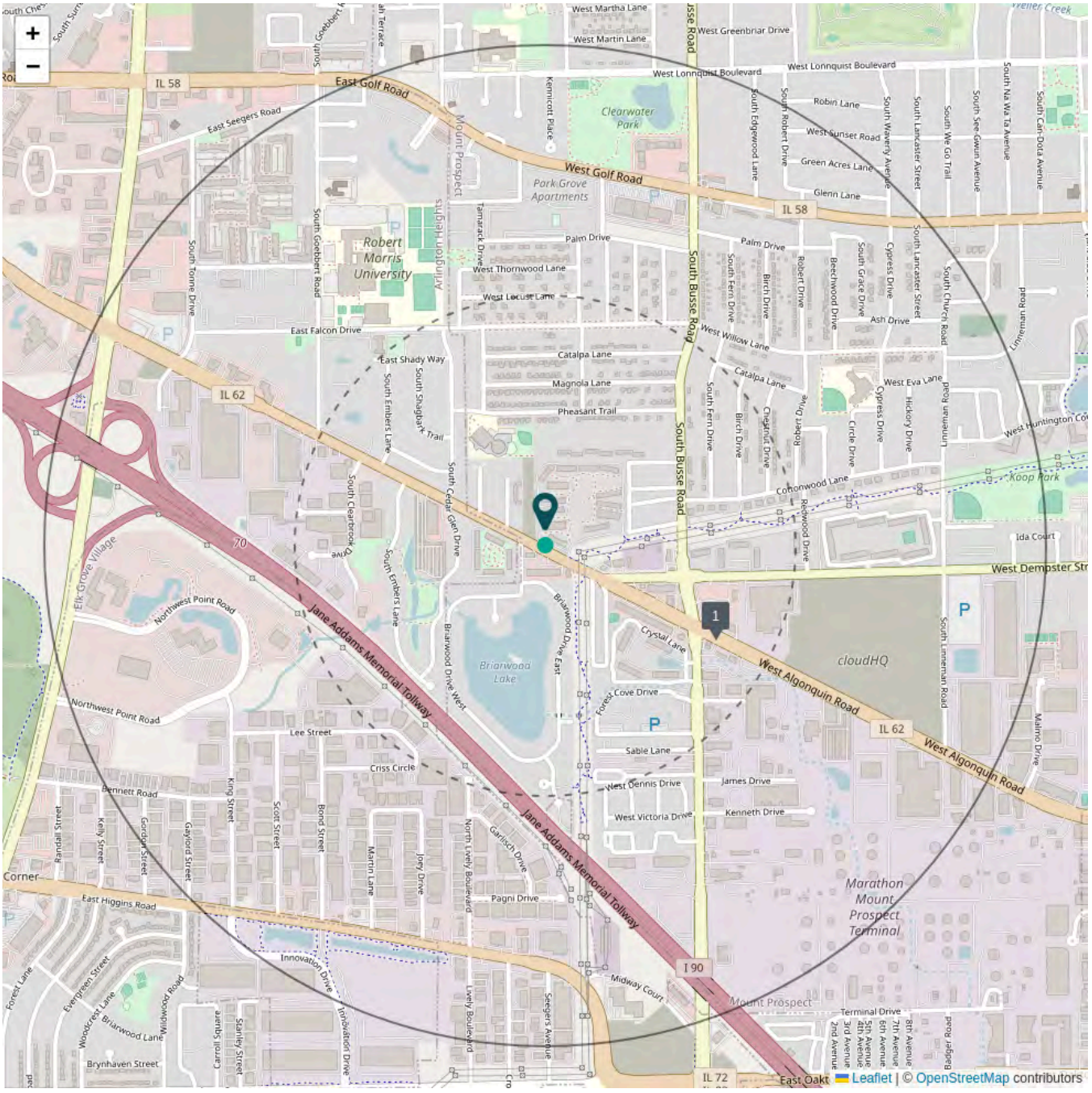
Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Engineering controls consist of engineering measures (e.g, caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media. It is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable.

There were no State and/or tribal institutional and/or engineering controls found filed against the target property.

Lists of state and tribal voluntary cleanup sites

IEPA - SITE REMEDIATION PROGRAM

The Voluntary Site Remediation Program (VSRP) provides Remediation Applicants (i.e., any persons seeking to perform investigavtive or remedial activities) the opportunity to receive Illinois Environmental Protection Agency (IEPA) review, technical assistance and no further remediation determinations from the IEPA. IEPA is authorized to issue No Further Remediation (NFR) letters to the Remedial Applicants who have successfully demonstrated, through proper investigation and, when warranted, remedial action, that environmental conditions at their remediation site do not present a significant risk to human health or the environment. This dataset has been searched to return all VSRP sites within a half-mile of the target property.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

Imperial Cleaners

1843 West Algonquin Road

IEPA ID: 311985087
USEPA ID:
Site Name: Imperial Cleaners
Address: 1843 West Algonquin Road
City: Mt. Prospect
Consultant Company: Hydrodynamics Consultants, Inc.
Active Site: No
Distance From Center (Miles): 0.3867
Site Source: last updated 02-22-2022 from IEPA-VSR

Lists of state and tribal brownfields sites

Since its inception in 1995, EPA's Brownfields and Land Revitalization Program has grown into a proven, results-oriented program that has changed the way communities address and manage contaminated property. The program is designed to empower states, tribes, communities, and other stakeholders to work together to prevent, assess, safely clean up, and sustainably reuse brownfields. Beginning in the mid-1990s, EPA provided small amounts of seed money to local governments that launched hundreds of two-year Brownfields pilot projects and developed guidance and tools to help states, communities and other stakeholders in the cleanup and redevelopment of brownfields sites.

There were no State and/or tribal brownfields sites found within a half-mile radius of the target property.

State and/or tribal lists of sites requiring further investigation / remediation

No records found

State list of Significant Environmental Hazards (SEH)

No records found

Lists of state and tribal mine sites requiring further investigation and/or remediation

No records found

State and/or tribal lists of spills and spill responses

No records found

State and/or tribal lists of emergency responses

No records found

State and/or tribal lists of dry cleaners

No records found

State and/or tribal lists of clandestine laboratory cleanups

No records found

State and/or tribal lists of scrap/used tire processing facilities

No records found

State and/or tribal lists of underground injection control sites

No records found

State and/or tribal listings of permitted drywells

No state and/or tribal permitted drywells were found within a half-mile radius of the target property.

Automobile salvage yards

No records found

Livestock Waste Control sites

No records found

Controlled Animal Feeding Operations (CAFOs)

No records found

State and/or tribal lists of registered aboveground storage tanks (ASTs)

No records found

C.A.A. Permitted Facilities

No records found

NPDES Permitted Facilities

No records found

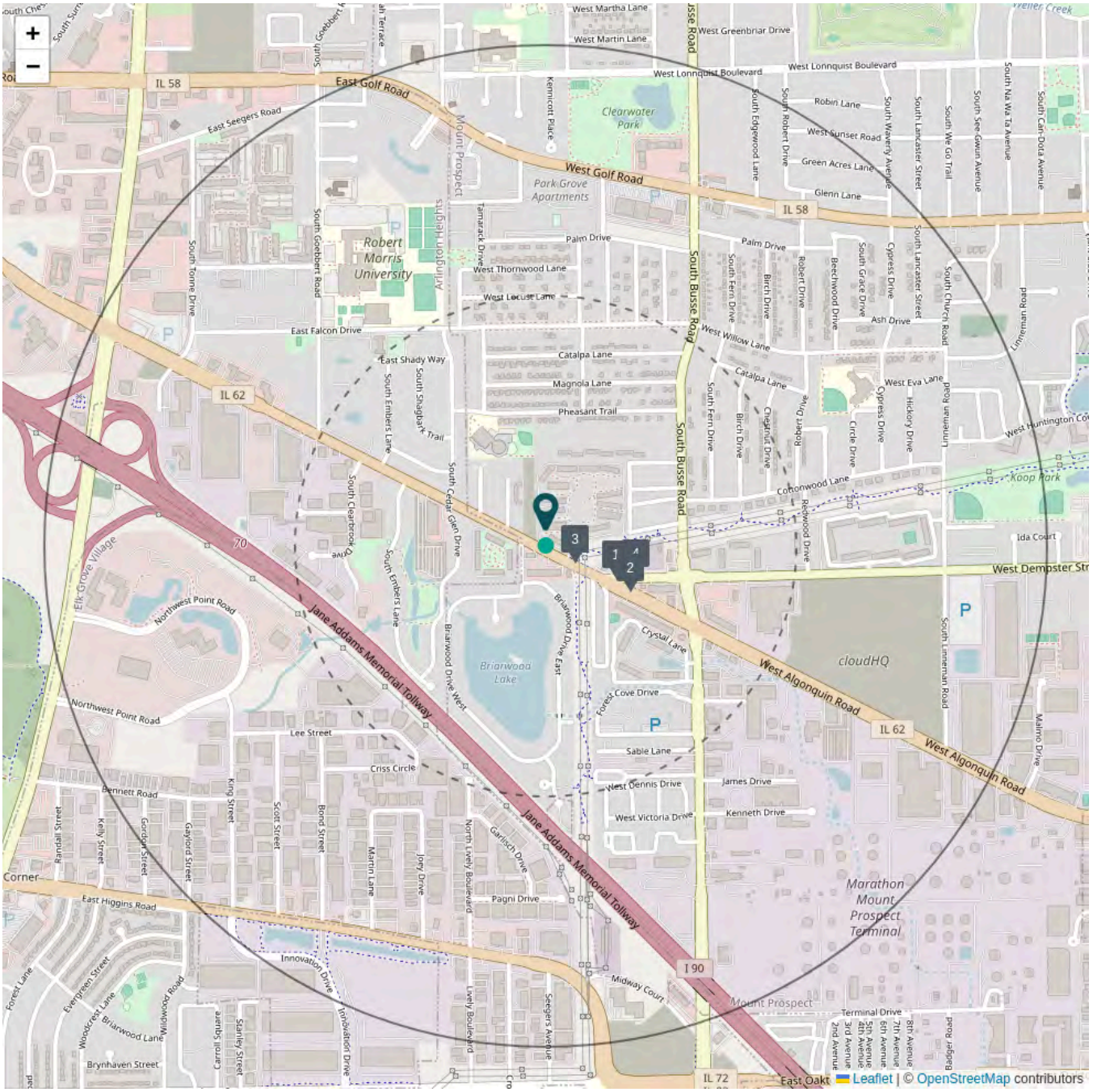
Onsite Wastewater Treatment sites

No records found

State and/or tribal lists of permitted facilities

ILLINOIS - AGENCY COMPLIANCE AND ENFORCEMENT SYSTEMS

The ACES computer system supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

7-ELEVEN 33138

1740 W DEMPSTER

Registry ID: 110058384216
Name: 7-ELEVEN 33138
Address: 1740 W DEMPSTER
City: MOUNT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000312631, AIR:IL000031198AFX
Interest Type: AIR MINOR, STATE MASTER
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 21-APR-14
Date Updated:
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.1511
Site Source: last updated from FACILITY REGISTRY SERVICE

2

CRYSTAL CLEANERS

1737 W. ALGONQUIN ROAD

Registry ID: 110001381442
Name: CRYSTAL CLEANERS
Address: 1737 W. ALGONQUIN ROAD
City: MT. PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000028173, AIR:IL000031198ABZ, AIRS/AFS:1703102914, RCRAINFO:ILD175706381
Interest Type: AIR MINOR, STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 09-JAN-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.1886
Site Source: last updated from FACILITY REGISTRY SERVICE

3

IMPERIAL CLEANERS

1843 W ALGONQUIN

Registry ID: 110005894121
Name: IMPERIAL CLEANERS
Address: 1843 W ALGONQUIN
City: MT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000278401, RCRAINFO:ILD984830398
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 21-APR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.0657
Site Source: last updated from FACILITY REGISTRY SERVICE

4

NORGETOWN CLEANERS

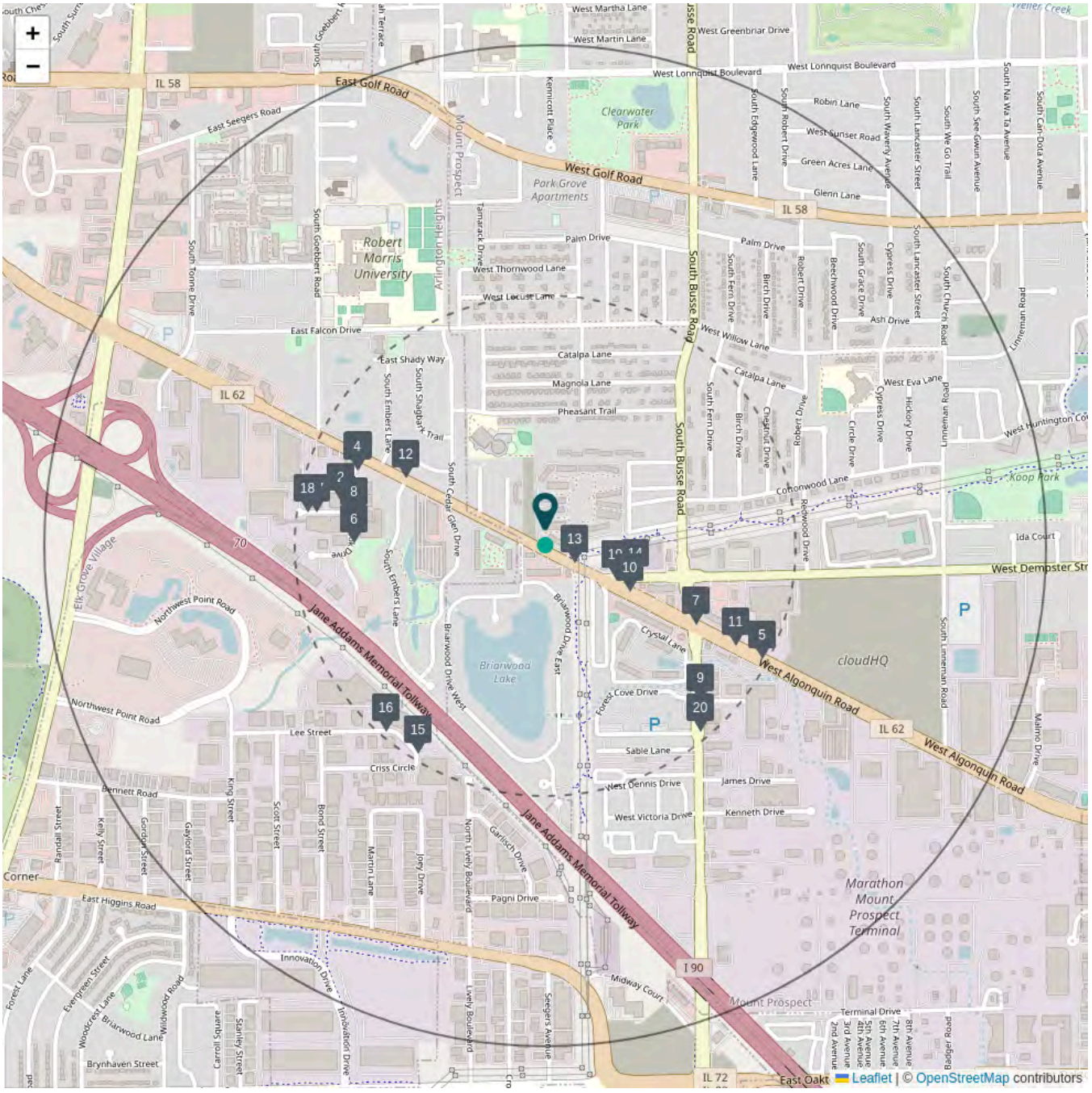
1720 W DEMPSTER

Registry ID: 110009379859
Name: NORGETOWN CLEANERS
Address: 1720 W DEMPSTER
City: MOUNT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000394543, RCRAINFO:ILD984850719
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 21-APR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.1868
Site Source: last updated from FACILITY REGISTRY SERVICE

Resource Conservation and Recovery Act Information (RCRAInfo)

RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste.
Please note that RCRAInfo contains all hazardous waste handlers in addition to TSDFs, generators, and facilities undergoing RCRA corrective action. One may encounter duplicate records from the TSDF, generators, and/or the RCRA corrective action sections. This source was searched for all records within a half-mile of the target property.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

7 ELEVEN #33138

1741 W DEMPSTER

Registry ID: 110006546345
Name: 7 ELEVEN #33138
Address: 1741 W DEMPSTER
City: MT PROSPECT
Site Type: STATIONARY
Program Acronyms: RCRAINFO:ILR000105817
Interest Type: UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.1511
Site Source: last updated from FACILITY REGISTRY SERVICE

2

ALDEN & OTT PRINTING INKS CO

616 E BROOK DR

Registry ID: 110000851560
Name: ALDEN & OTT PRINTING INKS CO
Address: 616 E BROOK DR
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170000173915, ACES:170001486675, AIR:IL000031403ABC, BR:ILD981955990, EIS:16890111, NPDES:ILR004194, RCRAINFO:ILD981955990, TRIS:60005LDNTT616EB
Interest Type: AIR EMISSIONS CLASSIFICATION UNKNOWN, AIR MINOR, HAZARDOUS WASTE BIENNIAL REPORTER, ICIS-NPDES NON-MAJOR, STATE MASTER, STORM WATER INDUSTRIAL, TRI REPORTER, UNSPECIFIED UNIVERSE
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 31-DEC-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4209
Site Source: last updated from FACILITY REGISTRY SERVICE

3

ALLEN WOODS & ASSOCIATES INC

2515 CLEARBROOK DR

Registry ID: 110046145550
Name: ALLEN WOODS & ASSOCIATES INC
Address: 2515 CLEARBROOK DR
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170001931612, RCRAINFO:ILR000172049
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 24-JUL-12
Date Updated: 28-MAR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4069
Site Source: last updated from FACILITY REGISTRY SERVICE

4

ALLIED BUILDING PRODUCTS

2512 S CLEARBROOK DR-B

Registry ID: 110022502424
Name: ALLIED BUILDING PRODUCTS
Address: 2512 S CLEARBROOK DR-B
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170001604039, RCRAINFO:ILR000135756
Interest Type: SQG, STATE MASTER
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 02-AUG-05
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.407
Site Source: last updated from FACILITY REGISTRY SERVICE

5

AMERICAN COATED PRODUCTS

1603 W ALGONQUIN RD

Registry ID: 110005864225
Name: AMERICAN COATED PRODUCTS
Address: 1603 W ALGONQUIN RD
City: MT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000251929, RCRAINFO:ILD982614174
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 21-APR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4855
Site Source: last updated from FACILITY REGISTRY SERVICE

6

AMERSHAM CORPORATION

2636 S. CLEARBROOK DR.

Registry ID: 110001816759
Name: AMERSHAM CORPORATION
Address: 2636 S. CLEARBROOK DR.
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170000012359, AIR:IL000031009ABC, AIRS/AFS:1703100042, RCRAINFO:ILD045308426, TRIS:60005MRSHM2636S
Interest Type: AIR MINOR, STATE MASTER, TRI REPORTER, VSQG
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 31-DEC-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.3855
Site Source: last updated from FACILITY REGISTRY SERVICE

7

AMOCO 15808

1701 W ALGONQUIN AND BUSSE

Registry ID: 110007552503
Name: AMOCO 15808
Address: 1701 W ALGONQUIN AND BUSSE
City: MOUNT PROSPECT
Site Type: STATIONARY
Program Acronyms: RCRAINFO:ILD984925685
Interest Type: UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.3369
Site Source: last updated from FACILITY REGISTRY SERVICE

8

AMTEC

2535 S CLEARBROOK DR

Registry ID: 110005876114
Name: AMTEC
Address: 2535 S CLEARBROOK DR
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170000262490, RCRAINFO:ILD984788521
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.3905
Site Source: last updated from FACILITY REGISTRY SERVICE

9

COMPUTRON DISPLAY SYS

1697 W IMPERIAL COURT

Registry ID: 110005944586
Name: COMPUTRON DISPLAY SYS
Address: 1697 W IMPERIAL COURT
City: MT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000323424, RCRAINFO:ILR000022145
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 21-APR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4365
Site Source: last updated from FACILITY REGISTRY SERVICE

10

CRYSTAL CLEANERS

1737 W. ALGONQUIN ROAD

Registry ID: 110001381442
Name: CRYSTAL CLEANERS
Address: 1737 W. ALGONQUIN ROAD
City: MT. PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000028173, AIR:IL000031198ABZ, AIRS/AFS:1703102914, RCRAINFO:ILD175706381
Interest Type: AIR MINOR, STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 09-JAN-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.1886
Site Source: last updated from FACILITY REGISTRY SERVICE

11

DALCO MIDWEST CORP

1619 W ALGONQUIN RD

Registry ID: 110005866704
Name: DALCO MIDWEST CORP
Address: 1619 W ALGONQUIN RD
City: MOUNT PROSPECT
Site Type: STATIONARY
Program Acronyms: RCRAINFO:ILD982637886
Interest Type: UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4274
Site Source: last updated from FACILITY REGISTRY SERVICE

12

FIRST CLEANERS

926 ALGONQUIN

Registry ID: 110005856476
Name: FIRST CLEANERS
Address: 926 ALGONQUIN
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170000244983, RCRAINFO:ILD981538580
Interest Type: STATE MASTER, VSQG
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.3116
Site Source: last updated from FACILITY REGISTRY SERVICE

13

IMPERIAL CLEANERS

1843 W ALGONQUIN

Registry ID: 110005894121
Name: IMPERIAL CLEANERS
Address: 1843 W ALGONQUIN
City: MT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000278401, RCRAINFO:ILD984830398
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 21-APR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.0657
Site Source: last updated from FACILITY REGISTRY SERVICE

14

NORGETOWN CLEANERS

1720 W DEMPSTER

Registry ID: 110009379859
Name: NORGETOWN CLEANERS
Address: 1720 W DEMPSTER
City: MOUNT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000394543, RCRAINFO:ILD984850719
Interest Type: STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 21-APR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.1868
Site Source: last updated from FACILITY REGISTRY SERVICE

15

NORTH AMERICAN SPRING & STAMPING CORP.

345 CRISS CIRCLE

Registry ID: 110002439807
Name: NORTH AMERICAN SPRING & STAMPING CORP.
Address: 345 CRISS CIRCLE
City: ELK GROVE VILLAGE
Site Type: STATIONARY
Program Acronyms: ACES:170000038830, AIR:IL000031440AJY, AIRS/AFS:1703102691, BR:ILD070702824, RCRAINFO:ILD070702824
Interest Type: AIR MINOR, HAZARDOUS WASTE BIENNIAL REPORTER, STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 09-JAN-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4896
Site Source: last updated from FACILITY REGISTRY SERVICE

16

PACKAGING PRODUCTS CORP

999 LEE ST

Registry ID: 110010289393
Name: PACKAGING PRODUCTS CORP
Address: 999 LEE ST
City: ELK GROVE VILLAGE
Site Type: STATIONARY
Program Acronyms: ACES:170000039116, AIR:IL000031440ALA, AIRS/AFS:1703104861, RCRAINFO:ILD043362441
Interest Type: AIR SYNTHETIC MINOR, STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 09-JAN-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4911
Site Source: last updated from FACILITY REGISTRY SERVICE

17

PENSKE TRUCK LEASING CO LP

606 E BROOK DR UNIT A

Registry ID: 110071214474
Name: PENSKE TRUCK LEASING CO LP
Address: 606 E BROOK DR UNIT A
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: RCRAINFO:ILR000210674
Interest Type: VSQG
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 15-FEB-22
Date Updated:
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4646
Site Source: last updated from FACILITY REGISTRY SERVICE

18

ROMAREK R R

612 BROOK DR

Registry ID: 110005965385
Name: ROMAREK R R
Address: 612 BROOK DR
City: ARLINGTON HTS
Site Type: STATIONARY
Program Acronyms: RCRAINFO:ILR000052795
Interest Type: UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4824
Site Source: last updated from FACILITY REGISTRY SERVICE

19

SAMS MUFFLER AND BRAKE

1740 W DEMPSTER

Registry ID: 110005932116
Name: SAMS MUFFLER AND BRAKE
Address: 1740 W DEMPSTER
City: MT PROSPECT
Site Type: STATIONARY
Program Acronyms: RCRAINFO:ILR000003459
Interest Type: UNSPECIFIED UNIVERSE
Point of Reference Description: ENTRANCE POINT OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 26-JAN-12
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.1511
Site Source: last updated from FACILITY REGISTRY SERVICE

20

WHIMSY TRUCKING INC

1901 S BUSSE RD

Registry ID: 110020123686
Name: WHIMSY TRUCKING INC
Address: 1901 S BUSSE RD
City: MT PROSPECT
Site Type: STATIONARY
Program Acronyms: ACES:170000466412, RCRAINFO:ILR000132092
Interest Type: STATE MASTER, VSQG
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 27-DEC-04
Date Updated: 21-APR-14
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4817
Site Source: last updated from FACILITY REGISTRY SERVICE

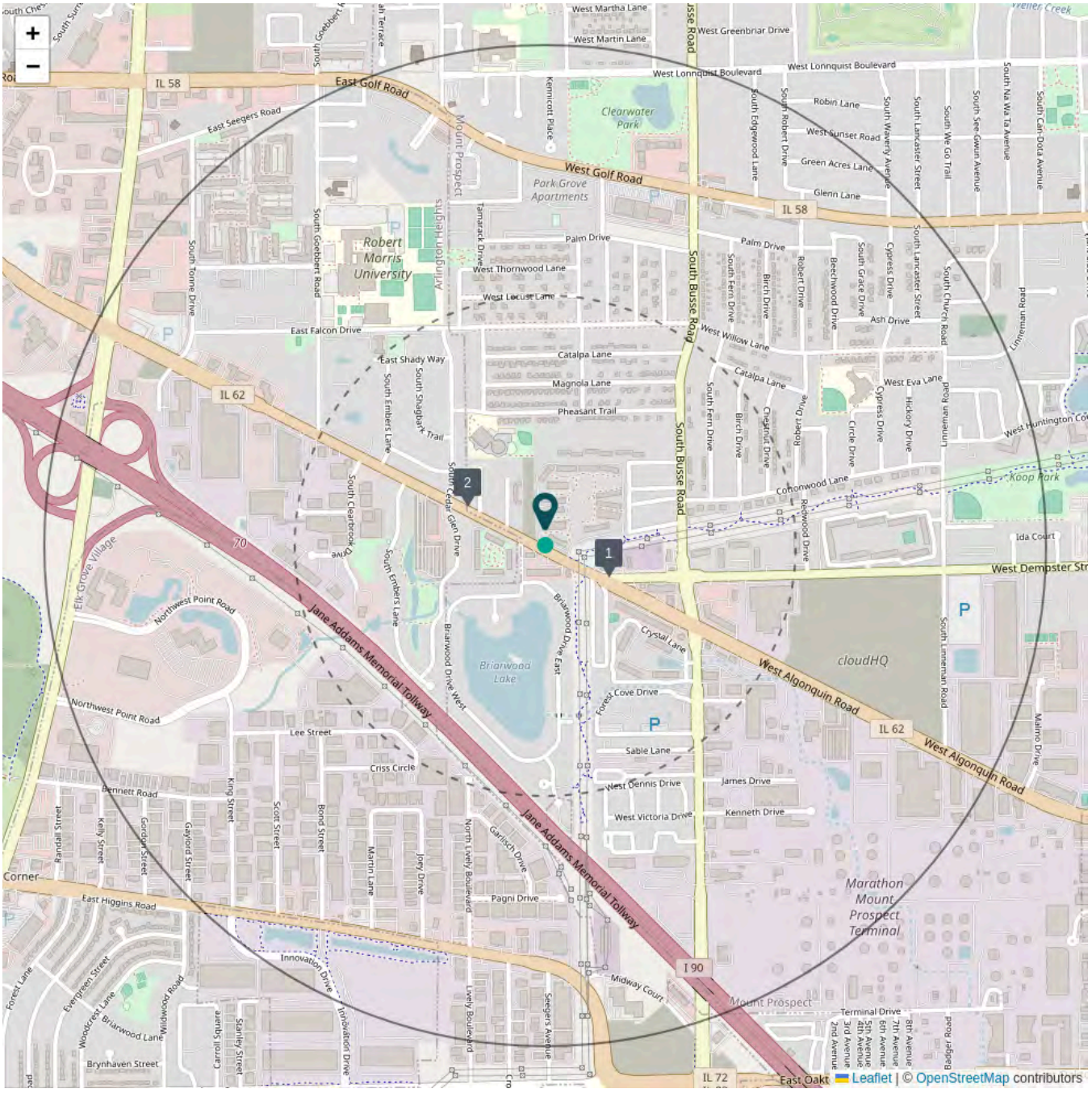
U.S. EPA Enforcement, Compliance History Online (ECHO)

No records found

U.S. EPA Underground Storage Tanks (UST)

EPA - UNDERGROUND STORAGE TANKS

Approximately 542,000 underground storage tanks (USTs) nationwide store petroleum or hazardous substances. The greatest potential threat from a leaking UST is contamination of groundwater, the source of drinking water for nearly half of all Americans. EPA, states, territories, and tribes work in partnership with industry to protect the environment and human health from potential releases. EPA developed UST Finder, a mapping application containing a comprehensive, state-sourced national map of UST and leaking UST data. It provides attributes and locations of active and closed USTs, UST facilities, and LUST sites from states as of 2018-2019 and from Tribal lands and US territories as of 2020-2021. This data set was searched to return all records regarding the target and/or adjoining properties.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

7-Eleven Store #33138

1740 West Dempster

Facility ID: IL2040290
Name: 7-Eleven Store #33138
Address: 1740 West Dempster
City: Mount Prospect
County: Cook
State: Illinois
ZIP Code: 60056
Latitude: 42.03699747
Longitude: -87.96360401
Open USTs: 2
Closed USTs: 0
Temporarily Out of Service USTs: 0
Facility Status: Open UST(s)
Land Use: Developed, Medium Intensity
Population Within 1,500ft: 3541
Private Wells Within 1,500ft: 8
Within Source Water Protection Area (SPA): No
SPA Public Water System & Facility ID:
WHPA Public Water System & Facility ID: IL0311980_18738
Within Groundwater Wellhead Protection Area (WHPA): Yes
Within 100-Year Floodplain: No
SPA Water Type:
SPA Facility Type:
Distance From Center (Miles): 0.1395
Site Source: last updated 11-18-2020 from USEPA-UST

2

Kmart #4386

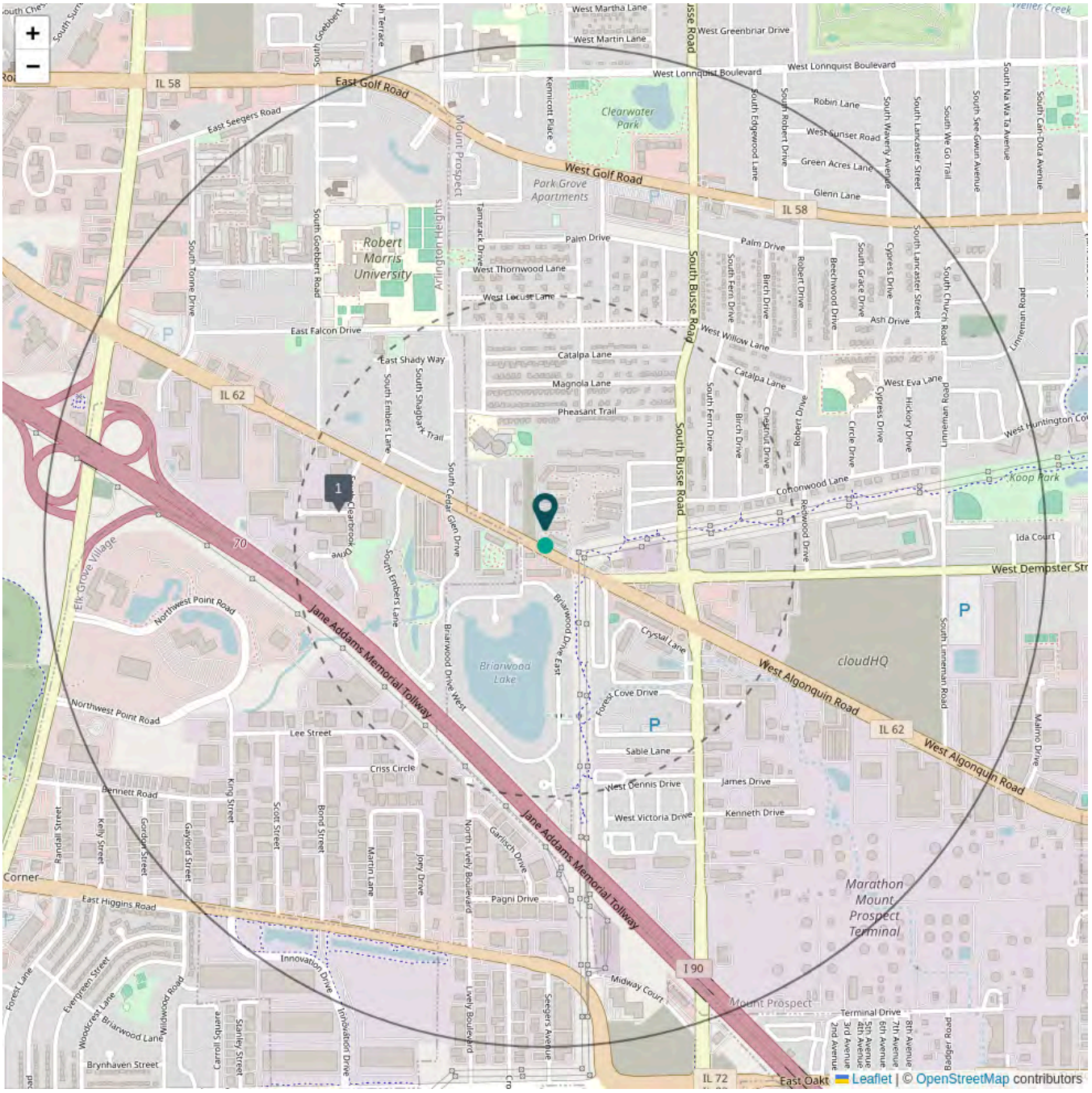
990 W Algonquin Rd

Facility ID: IL2019313
Name: Kmart #4386
Address: 990 W Algonquin Rd
City: Arlington Heights
County: Cook
State: Illinois
ZIP Code: 60005
Latitude: 42.03903111
Longitude: -87.96912275
Open USTs: 0
Closed USTs: 1
Temporarily Out of Service USTs: 0
Facility Status: Closed UST(s)
Land Use: Developed, Medium Intensity
Population Within 1,500ft: 2555
Private Wells Within 1,500ft: 6
Within Source Water Protection Area (SPA): No
SPA Public Water System & Facility ID:
WHPA Public Water System & Facility ID: IL0311980_18737
Within Groundwater Wellhead Protection Area (WHPA): Yes
Within 100-Year Floodplain: No
SPA Water Type:
SPA Facility Type:
Distance From Center (Miles): 0.1765
Site Source: last updated 11-18-2020 from USEPA-UST

U.S. EPA Toxic Substances Control Act (TSCA) database

TOXIC SUBSTANCES CONTROL ACT

The database that supports the Toxic Substances Control Act (TSCA) of 1976, which provides EPA with authority to require reporting, record-keeping and testing requirements, and restrictions relating to chemical substances and/or mixtures. Certain substances are generally excluded from TSCA, including, among others, food, drugs, cosmetics and pesticides. TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

HUBERGROUP USA INC

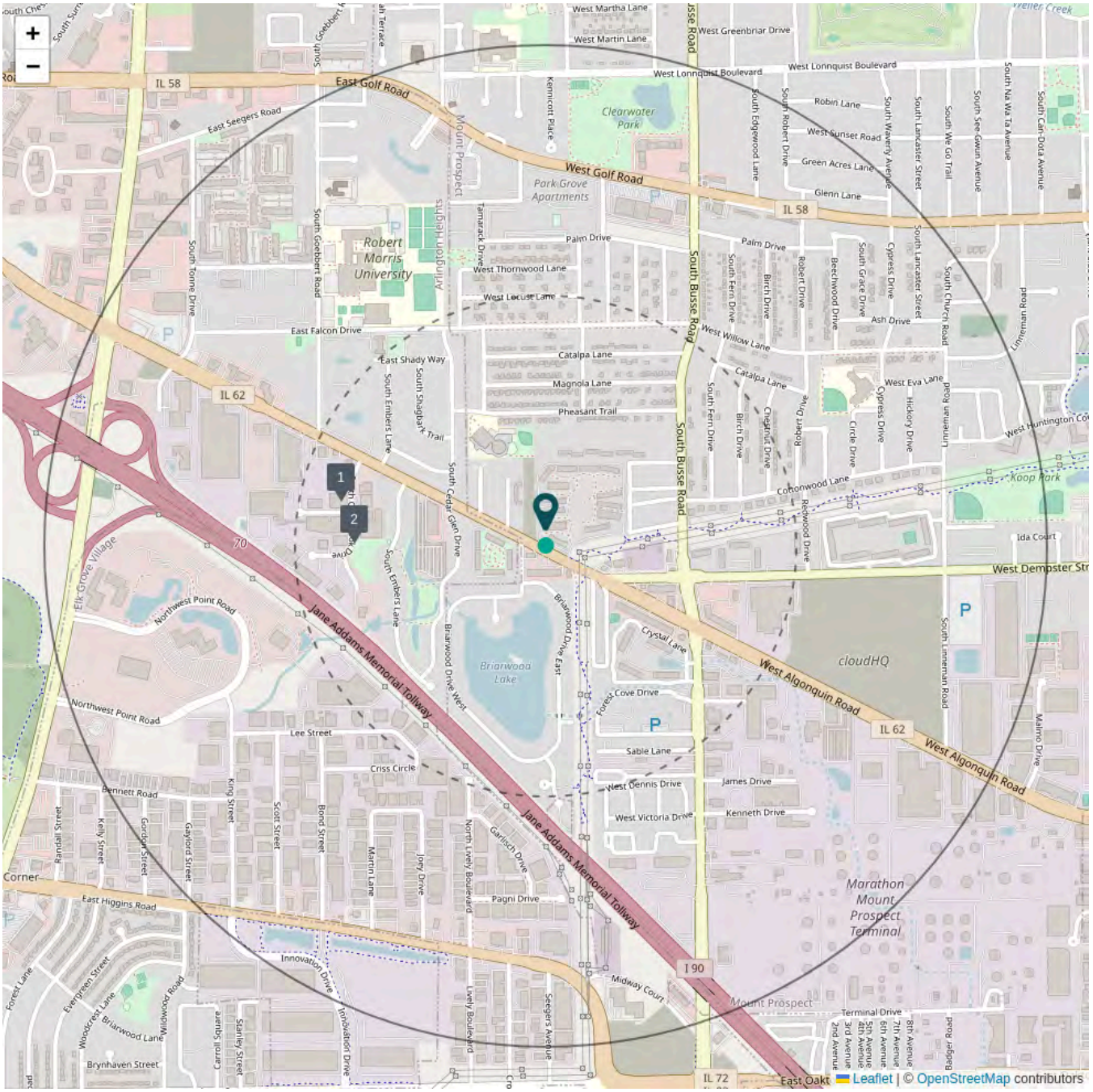
616 E BROOK DR

Registry ID: 110070835261
Name: HUBERGROUP USA INC
Address: 616 E BROOK DR
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: TSCA:TSCA10054976
Interest Type: TSCA SUBMITTER
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 16-SEP-20
Date Updated:
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4219
Site Source: last updated from FACILITY REGISTRY SERVICE

U.S. EPA Toxic Release Inventory System (TRIS)

TOXICS RELEASE INVENTORY SYSTEM

TRIS is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.



center: 42.03791488698703,-87.96602725982667

0.5 Miles 1.0 Miles

1

ALDEN & OTT PRINTING INKS CO

616 E BROOK DR

Registry ID: 110000851560
Name: ALDEN & OTT PRINTING INKS CO
Address: 616 E BROOK DR
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170000173915, ACES:170001486675, AIR:IL000031403ABC, BR:ILD981955990, EIS:16890111, NPDES:ILR004194, RCRAINFO:ILD981955990, TRIS:60005LDNTT616EB
Interest Type: AIR EMISSIONS CLASSIFICATION UNKNOWN, AIR MINOR, HAZARDOUS WASTE BIENNIAL REPORTER, ICIS-NPDES NON-MAJOR, STATE MASTER, STORM WATER INDUSTRIAL, TRI REPORTER, UNSPECIFIED UNIVERSE
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 31-DEC-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.4209
Site Source: last updated from FACILITY REGISTRY SERVICE

2

AMERSHAM CORPORATION

2636 S. CLEARBROOK DR.

Registry ID: 110001816759
Name: AMERSHAM CORPORATION
Address: 2636 S. CLEARBROOK DR.
City: ARLINGTON HEIGHTS
Site Type: STATIONARY
Program Acronyms: ACES:170000012359, AIR:IL000031009ABC, AIRS/AFS:1703100042, RCRAINFO:ILD045308426, TRIS:60005MRSHM2636S
Interest Type: AIR MINOR, STATE MASTER, TRI REPORTER, VSQG
Point of Reference Description: CENTER OF A FACILITY OR STATION
Date Created: 01-MAR-00
Date Updated: 31-DEC-15
FRS Facility Detail Report URL: Link
Distance From Center (Miles): 0.3855
Site Source: last updated from FACILITY REGISTRY SERVICE

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VILLAGE OF ARLINGTON HEIGHTS
ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS
PROJECT NO. 11-3996-02

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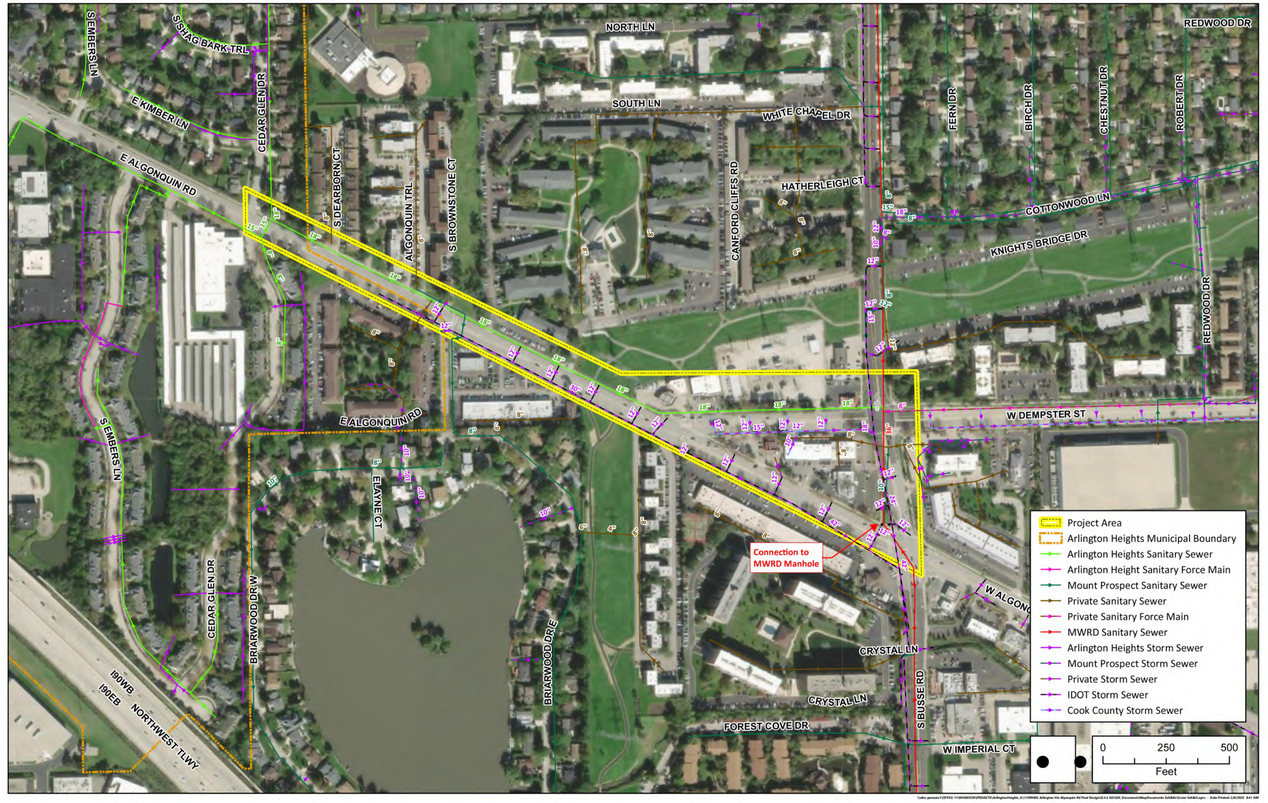

LEGEND

	EXISTING	PROPOSED
ABANDON		
B-BOX		
BUSH/SHRUB		
ELECTRIC (OVERHEAD)	OHE	
FENCE	X	
GAS PIPE	G	
GAS VALVE	GV	
HYDRANT		
INLET FILTER BASKET		
SAN. MANHOLE	S	S
SAN. SEWER		
STORM INLET/CB		
STORM MANHOLE		
STORM SEWER		
TELECOMMUNICATION WIRE	T	
TELECOMMUNICATION RISER	T	
TREE - CONIFER		
TREE - DECIDUOUS		
VALVE BOX/VAULT	WV	
UTILITY CONFLICT		
UTILITY POLE		
UTILITY POLE -LIGHT		
WATER MAIN/SERVICE	W	

N

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES.

JOB START NOTIFICATION

THE MWRD LOCAL SEWER SYSTEMS SECTION'S FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) DAYS PRIOR TO BEGINNING WORK UNDER A PERMIT OR PERMIT REVISION. SEND AN EMAIL WITH THE PROJECT NAME, LOCATION AND PERMUT NUMBER TO WMOJOBSTART@MWRD.ORG, OW CALL 708-588-4055. REQUEST FOR FINAL INSPECTIONS (RFI) AND RELATED DOCUMENTS CAN ALSO BE SENT TO WMOJOBSTART@MWRD.ORG.

FOR UNDERGROUND UTILITY LOCATIONS CALL
J.U.L.I.E. 1-800-892-0123

LOCATION MAP
(NOT TO SCALE)

APRIL 2025
FOR CONSTRUCTION

LICENSED PROFESSIONAL ENGINEER
ROBERT PETERS
062.071743
OF ILLINOIS

11/30/25
REGISTERED P.E., STATE OF ILLINOIS — EXPIRES

rjn group

LICENSE #184.000813-0002
EXPIRES 4/30/2025

2655 WARRENVILLE RD.
DOWNERS GROVE, IL
60515

\\office-1100\share\WHEATON\PROJECTS\Arlington Heights_IL\11399802 Arlington Hts Algonquin Rd Final Design\D.4.1 CAD\Sheets\0.0 - Cover.dwg

GENERAL NOTES

1. CONSTRUCTION PROVISIONS SHALL FOLLOW THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022 (REFERRED TO HEREINAFTER AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2024; THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD); THE ILLINOIS SUPPLEMENTAL TO MUTCD, ADOPTED NOVEMBER 2021; THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", 8TH EDITION, 2020 (REFERRED TO HEREINAFTER AS THE WATER AND SEWER SPECIFICATIONS), LATEST EDITION, EDITION; AMERICAN WATER WORKS ASSOCIATION (AWWA)".
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATION, ELEVATIONS AND SIZES OF ALL EXISTING SEWER MAINS AND SERVICES THAT ARE TO BE RECONNECTED TO THE NEW SEWER.
3. CONTRACTOR SHALL HAVE ONE SET OF APPROVED PLANS AND SPECIFICATIONS ON SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES AND STORAGE OF EQUIPMENT OR MATERIALS TO THE AREAS SHOWN ON PLAN. ANY DAMAGE TO PROPERTY OR FENCES SHALL BE REPLACED IN KIND OR REPAIRED AT THE CONTRACTOR'S EXPENSE. NO STOCKPILES WILL BE ALLOWED OVERNIGHT OR OVER WEEKENDS IN ROADWAY.
5. THE CONTRACTOR, AT HIS EXPENSE, SHALL BE REQUIRED TO TEMPORARILY REMOVE AND RELOCATE STREET SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO RE-ERECT THEM AT THE PROPER LOCATIONS AFTER CONSTRUCTION OPERATIONS ARE COMPLETED. ANY SUCH SIGNS DAMAGED OR LOST BY THE CONTRACTOR WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WHERE SECTION OR SUB-SECTION MONUMENTS OR BENCH MARKS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY IRON PIPES AND MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
7. REMOVE DIRT AND DEBRIS FROM THE STREET AT THE END OF THE DAY OR AS DIRECTED BY THE ENGINEER, MECHANICAL STREET SWEEPING OF ALL AREAS DISTURBED SINCE THE LAST STREET SWEEPING MUST BE COMPLETED ONCE PER DAY OR AS DIRECTED BY THE ENGINEER.
8. CONTRACTOR TO ADHERE TO SECTION 702 AND APPLICABLE SECTION OF 701.13 (NIGHT FLAGGING) OF IDOT STANDARD SPECIFICATION.

UTILITIES NOTES

1. THE CONTRACTOR SHALL ARRANGE WITH THE VARIOUS UTILITY COMPANIES FOR THE LOCATION AND ANY NECESSARY ADJUSTING OF THE OVERHEAD OR UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION PRIOR TO START OF CONSTRUCTION.
2. THE LOCATION, SIZE AND DEPTH OF THE WATER MAINS, STORM SEWERS AND/OR VARIOUS UTILITIES, AS SHOWN ON THE PLANS, ARE FROM THE LATEST AND BEST AVAILABLE INFORMATION TO THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE UTILITIES LOCATED.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES IN ORDER TO MAINTAIN SERVICES DURING CONSTRUCTION AT NO ADDITIONAL EXPENSE TO THE CONTRACT.
4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED UTILITIES (48-HOURS NOTIFICATION IS REQUIRED).
5. ANY EXISTING OR PROPOSED UTILITY DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE OWNER.
6. THE VILLAGE WILL LOCATE EXISTING SANITARY AND WATER SERVICES TO THE BUSINESSES WITHIN THE PROJECTS LIMITS. THESE SERVICES WILL BE LOCATED ONE TIME ONLY. FROM THEN ON, THE CONTRACTOR SHALL DOCUMENT AND BE RESPONSIBLE FOR MAINTAINING KNOWLEDGE OF THE LOCATIONS OF THESE SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AS-BUILT KNOWLEDGE OF THE LOCATION (INCLUDING ELEVATIONS) OF THE NEWLY INSTALLED SERVICES AND MAINS. THE VILLAGE WILL NOT BE RESPONSIBLE FOR LOCATING NEW MAINS OR SERVICES FOR THE CONTRACTOR. THIS IS IN EFFECT UNTIL FINAL PAYMENT FROM THE VILLAGE. FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE THE AS-BUILT UNDERGROUND UTILITY INFORMATION AVAILABLE TO THE VILLAGE WHENEVER REQUESTED. IN THE EVENT OF A "JULIE" CALL WITHIN THE PROJECT LIMITS, THE VILLAGE OR ITS AGENT WILL NOTIFY THE CONTRACTOR TO MARK ANY UTILITIES STILL UNDER THE CONTRACTORS RESPONSIBILITY.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. CONTRACTOR WILL BE RESPONSIBLE TO NOTIFY THE VILLAGE, THE ENGINEER & COMMERCIAL PROPERTY OWNERS WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED/RESTRICTED DUE TO CONSTRUCTION ACTIVITIES. NOTICES SHALL BE PROVIDED AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURES & RESTRICTIONS.
2. A MINIMUM OF 12 FEET OF CLEAR WIDTH ROADWAY FOR TRAVEL SHALL BE PROVIDED & MAINTAINED AT ALL TIMES.
3. BARRICADES & DRUMS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS EXCEPT WHEN FLASHING LIGHTS ARE SPECIFIED BY THE HIGHWAY STANDARDS OR DETAIL DRAWING.
4. EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH APPROVED IDOT PERMIT FOR THE PROJECT.
5. ACCESS TO LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.
6. NO TRENCHES, HOLES & PITS SHALL REMAIN EXCAVATED EXCEPT DURING ACTUAL CONSTRUCTION THERE IN.

EROSION & SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED PLANS.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   - 4.1. UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   - 4.2. ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
5. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION.
6. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
7. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
8. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
9. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
10. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE OBERVER MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THOUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAF OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGED TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
12. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
13. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUNF BASIS DURING CONSTRUCTION AND ANY PERIOD OF CONSTRUCTION SHYUTDOWN UNTTIL PERMANENT STABILIZATION IS ACHIEVED,
14. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
15. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE OBSERVER, OR MWRD.

SIGNING, STRIPING AND LANDSCAPING

1. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THE WORK WILL BE INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION".
2. PAVEMENT MARKING DIMENSIONS ARE TO THE CENTER OF A SINGLE LINE OR TO THE CENTER OF THE GAP OF A DOUBLE LINE.
3. ANY SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPLACED AND INSTALLED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
4. WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AND SEEDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS.
5. IN ADDITION TO MEETING THE REQUIREMENTS OF ARTICLE 1081.05 OF THE STANDARD SPECIFICATIONS ALL FURNISHED TOPSOIL SHALL BE PROCESSED THROUGH A POWER SCREEN AND PLACED AT THE JOB SITE IN A PULVERIZED CONDITION. PULVERIZED TOPSOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF "TOPSOIL FURNISH AND PLACE, 4".
6. ALL PARKWAYS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SEEDING, CLASS 2A SALT TOLERANT.
7. ALL EXISTING SIGNS LOCATED ON UTILITY/LIGHT POLES TO REMAIN THAT DO NOT CONFLICT WITH THE IMPROVEMENTS SHALL REMAIN IN PLACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

SEWER NOTES

1. COARSE AGGREGATE TRENCH BACKFILL WILL BE REQUIRED FOR THE FULL TRENCH DEPTH WITHIN TWO (2) FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, DRIVEWAYS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL CONSIST OF GRANULAR MATERIAL MEETING IDOT CA-6 GRADATION FOR SANITARY AND STORM SEWER PIPES. THE TRENCH BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. RECYCLED MATERIAL WILL NOT BE ALLOWED.
2. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES FLOWS THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS.
3. THE EXISTING STRUCTURES SHALL BE INSPECTED BEFORE CONSTRUCTION STARTS. DEBRIS DEPOSITED IN THE FLOW LINE OF ANY STRUCTURE OR GUTTER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CLOSE OF CONSTRUCTION OPERATIONS ALL STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. ANY ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.
4. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING CONSTRUCTION. COMPLIANCE WITH THE ABOVE WILL BE INCLUDED IN THE COST OF CONSTRUCTION.
5. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, OF ANY MANHOLE SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORK "SANITARY".THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE FRAME AND GRATE.
6. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.
7. ANY EXISTING OR PROPOSED SEWER OR WATERMAIN DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE
8. ALL STRUCTURES, FRAME, LID, GRATE, AND PIPES SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS, AND ALL VISIBLE LEAKAGE ELIMINATED, BEFORE FINAL INSPECTION AND ACCEPTANCE.
9. ALL WATER MAINS SHALL BE SATISFACTORILY DISINFECTED PRIOR TO USE. IN ACCORDANCE WITH THE REQUIREMENTS OF AWWA C651-99. AT LEAST ONE SET OF SAMPLES SHALL BE COLLECTED FROM EVERY 1,200 FEET OF NEW WATER MAIN, PLUS OF SET FROM THE END OF THE LINE AND AT LEAST ONE SET FROM EACH BRANCH. SATISFACTORY DISINFECTION SHALL BE DEMONSTRATED IN ACCORDANCE WITH THE REQUIREMENTS OF 35 ILL. ADM. CODE 652.203.
10. EXPLORATORY POTHOLES FOR SERVICE CROSSINGS SHALL BE APPROVED BY VILLAGE AND ENGINEER. SERVICE CROSSINGS CAN BE FOUND IN THE PLAN AND PROFILE SHEETS AND POTHOLING SHALL BE AVOIDED ON ALGONQUIN ROAD AND DEMPSTER STREET.

COOK COUNTY DIVISION OF TRANSPORTATION GENERAL NOTES AND SPECIFICATIONS

1. ALL CONSTRUCTION WITHIN THE COUNTY'S RIGHT-OF-WAY SHALL BE PERFORMED ACCORDING TO IDOT'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" (LATEST EDITION).
2. DAILY LANE CLOSURES ARE PERMITTED BETWEEN 9:00 A.M. AND 4:00 P.M. ONLY. TRAFFIC CONTROL SHALL CONFORM TO IDOT'S HIGHWAY STANDARDS AND THE FHWA'S "MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES" AND IDOT'S SUPPLEMENT AT ALL TIMES DURING CONSTRUCTION. TRAFFIC CONTROL SHALL INCLUDE USE OF ADVANCE WARNING LANE CLOSURE SIGNAGE, AN ARROW BOARD AND TYPE I BARRICADES WITH SANDBAGS. NIGHT CLOSURE HOURS SHALL BE PERMITTED BETWEEN 9:00 P.M. AND 5:00 A.M.
3. LANE CLOSURES ARE NOT PERMITTED ON STATE & COUNTY ROADWAYS DURING SNOWFALL OR WITHIN 2 HOURS PRIOR TO PREDICTED SNOWFALL OR PRECIPITATION CONDITIONS BETWEEN NOVEMBER 15 AND APRIL 15 FOR MAINTENANCE OF THE ROADWAY PAVEMENT BY COUNTY HIGHWAY MAINTENANCE DEPARTMENT STAFF AND EQUIPMENT.
4. EROSION CONTROL MEASURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE COOK COUNTY STORMWATER AND FLOODPLAIN ORDINANCE SPECIFICATIONS AT ALL TIMES.
5. EQUIPMENT AND MATERIALS SHALL NOT BE STORED WITHIN THE COUNTY'S RIGHT-OF-WAY AT ANYTIME WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE COUNTY ENGINEER, OR HIS DULY AUTHORIZED ASSIGNEE.
6. PAVEMENT, CURB/GUTTER AND STORM STRUCTURES WITHIN THE STATE & COUNTY'S RIGHT-OF-WAY SHALL BE MAINTAINED FREE OF MUD/DEBRIS AT ALL TIMES AND SHALL BE CLEANED AS IS REQUIRED AND/OR AS DIRECTED BY COOK COUNTY.
7. TRENCH BACKFILL FOR NON-PAVED AREAS SHALL BE INSTALLED WITHIN THE COUNTY'S RIGHT-OF-WAY PER IDOT & COOK COUNTY'S STANDARD.
8. TRENCH BACKFILL BELOW EXISTING OR PROPOSED PAVEMENT, CURB/GUTTER AND/OR SIDEWALK SHALL BE INSTALLED WITHIN THE IDOT & COUNTY'S RIGHT-OF-WAY PER IDOT & COOK COUNTY'S STANDARD.
9. DURING CONSTRUCTION OF THE PROPOSED IMPROVEMENTS ALONG COOK COUNTY HIGHWAYS, TWO-WAY TRAFFIC SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 8:00 P.M. TO 5:00 A.M. FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR THE OFF-ROAD AND ON-ROAD APPLICATIONS.
10. IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG COOK COUNTY ROADWAYS IS DAMAGED DUE TO CONSTRUCTION OF PROPOSED IMPORVEMENTS, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS AND SIGNAGE INCLUDED IN THE PLANS.

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	GENERAL NOTES	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI		rjn group			HORIZONTAL: -	COOK	64	2
	CHECKED: YG					VERTICAL: -	STA. -	TO STA. -	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
   * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * VILLAGE OF ARLINGTON HEIGHTS MUNICIPAL CODE;
   * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
   * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).

2. THE VILLAGE OF ARLINGTON HEIGHTS ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS 0 FT.

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.

4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.

5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.

6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.

3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼ " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
    a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
    b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
    c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.

10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

12. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

13. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).

14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

15. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.

19. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

20. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

25. CONTRACTOR TO COORDINATE ALL DETOURS AND CONSTRUCTION SCHEDULE WITH MWRD CONTACT MICHELLE MCKINNEY.

EMAIL: MCKINNEYM@MWRD.ORG
PHONE: 312-513-2313

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

MWRD NOTES

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: -	COOK	64	3
VERTICAL: -	STA. -	TO STA. -	
PROJECT NO. 11-3996-02			

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SUMMARY OF QUANTITIES

ITEM #	DESCRIPTION	UNITS	BID QUANTITY
1	PRECONSTRUCTION SURFACE VIDEO RECORDING	LS	1
2	MOBILIZATION AND ACCESS	LS	1
3	CONSTRUCTION LAYOUT	LS	1
4	CHANGEABLE MESSAGE SIGN	CAL DA	196
5	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1467
6	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	100
7	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	2000
8	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	500
9	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	250
10	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	100
11	TEMPORARY CONCRETE BARRIER	FOOT	230
12	PINNING TEMPORARY CONCRETE BARRIER	EACH	50
13	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	150
14	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1
15	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1
16	BARRIER WALL REFLECTORS, TYPE C	EACH	75
17	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	500
18	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
19	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	25
20	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	25
21	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	11
22	TEMPORARY INFORMATION SIGNING	SQ FT	548
23	BYPASS PUMPING	LS	1
24	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SF	80
25	THERMOPLASTIC PAVEMENT MARKINGS - LINES 4"	LF	710
26	THERMOPLASTIC PAVEMENT MARKINGS - LINES 6"	LF	320
27	THERMOPLASTIC PAVEMENT MARKINGS - LINES 12"	LF	50
28	THERMOPLASTIC PAVEMENT MARKINGS - LINES 24"	LF	50
29	THERMOPLASTIC PAVEMENT MARKINGS - DOUBLE YELLOW LINES 4"	LF	670
30	RAISED REFLECTIVE PAVEMENT MARKER, TYPE B	EA	69
31	REPLACE STREET LIGHT WIRING	LF	100
32	STABILIZED CONSTRUCTION ENTRANCE	EA	1
33	DETECTOR LOOP REPLACEMENT	LF	300
34	INLET FILTERS	EACH	44
35	SILT FENCE	LF	400
36	SANITARY LATERAL, OPEN CUT, 6", PVC, ASTM D3034, SDR 26	LF	139
37	SANITARY SEWERS, OPEN CUT, 8", PVC, ASTM D3034, SDR 26, 8 TO 16 FT DEEP	LF	693
38	SANITARY SEWERS, OPEN CUT, 12", PVC, AWWA C900, DR 25, 8 TO 12 FT DEEP	LF	35
39	SANITARY SEWERS, OPEN CUT, 12", VCP, ASTM C4, C700, 24 TO 28 FT DEEP	LF	23
40	SANITARY SEWERS, OPEN CUT, 15", PVC, AWWA C900, DR 25, 12 TO 16 FT DEEP	LF	20
41	SANITARY SEWERS, OPEN CUT, 24", PVC, AWWA C900, DR 25, 12 TO 20 FT DEEP	LF	2704
42	STORM SEWERS, OPEN CUT, 12", RCP, CLASS IV, 0 TO 8 FT DEEP	LF	229
43	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP	EA	1

ITEM #	DESCRIPTION	UNITS	BID QUANTITY
44	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 12 TO 16 FT DEEP	EA	3
45	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 16 TO 20 FT DEEP	EA	5
46	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, 12 TO 16 FT DEEP	EA	1
47	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, 16 TO 20 FT DEEP	EA	1
48	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 8 TO 12 FT DEEP	EA	1
49	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 16 TO 20 FT DEEP	EA	2
50	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 16 TO 20 FT DEEP	EA	1
51	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ OUTSIDE DROP, 24 TO 28 FT DEEP	EA	1
52	STORM MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP	EA	1
53	STORM CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME & GRATE, OPEN LID, 0 TO 8 FT DEEP	EA	1
54	CONNECTION TO EXISTING MANHOLE	EA	1
55	CORE INTO EXISTING MWRD MANHOLE	EA	1
56	ABANDON STRUCTURES	EA	7
57	PLUG PIPE	EA	2
58	ABANDON SANITARY SEWER - FLOWABLE FILL	CY	178
59	TRENCH BACKFILL - CA-6	CY	10171
60	TRENCH BACKFILL - FA-6	CY	2176
61	SANITARY SEWER SERVICE CONNECTION	EA	4
62	ADDITIONAL SANITARY SEWER SERVICE REPLACEMENT	LF	20
63	WATERMAIN ADJUSTMENT	LF	110
64	LINE STOP, 8''-12''	EA	4
65	SEED AND BLANKET	SY	124
66	SALT TOLERANT SOD	SY	70
67	TOPSOIL FURNISH AND PLACE, 4"	SY	70
68	STORAGE AREA RESTORATION	EA	1
69	CONCRETE CURB REMOVAL AND REPLACEMENT (B6.12)	LF	45
70	CONCRETE CURB REMOVAL AND REPLACEMENT (B6.24)	LF	140
71	PORTLAND CEMENT CONCRETE SIDEWALK	SF	794
72	COMMERCIAL PORTLAND CEMENT CONCRETE DRIVEWAY	SY	31
73	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT	SY	13
74	PCC BASECOURSE, 10"	SY	4835
75	HMA SURFACE COURSE IL-9.5 , MIX "D" N70, 2"	TON	130
76	HMA SURFACE COURSE IL-9.5 , MIX "D" N70, 2.5"	TON	460
77	BITUMINOUS MATERIALS (TACK COAT)	LBS	2062
78	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINTS	SY	168
79	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	CY	100
80	NON-SPECIAL WASTE DISPOSAL	CY	100
81	CONTINGENT CASH ALLOWANCE	L SUM	1

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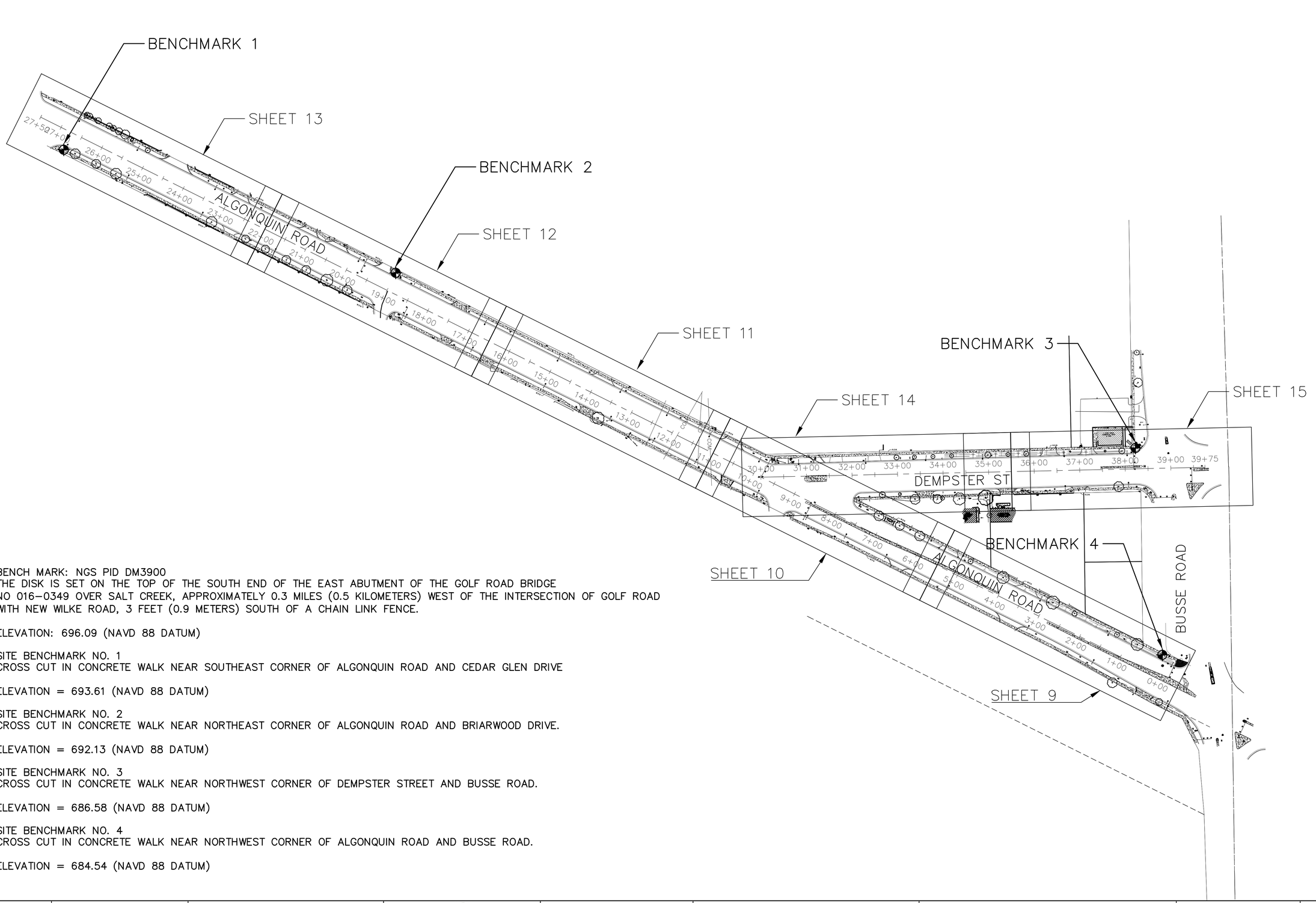
	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	SUMMARY OF QUANTITIES	SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL: -	COOK	64 / 4
	CHECKED: YG					VERTICAL: -	STA. - TO STA. -	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02		



BENCH MARK: NGS PID DM3900
THE DISK IS SET ON THE TOP OF THE SOUTH END OF THE EAST ABUTMENT OF THE GOLF ROAD BRIDGE NO 016–0349 OVER SALT CREEK, APPROXIMATELY 0.3 MILES (0.5 KILOMETERS) WEST OF THE INTERSECTION OF GOLF ROAD WITH NEW WILKE ROAD, 3 FEET (0.9 METERS) SOUTH OF A CHAIN LINK FENCE.

ELEVATION: 696.09 (NAVD 88 DATUM)

SITE BENCHMARK NO. 1
CROSS CUT IN CONCRETE WALK NEAR SOUTHEAST CORNER OF ALGONQUIN ROAD AND CEDAR GLEN DRIVE

ELEVATION = 693.61 (NAVD 88 DATUM)

SITE BENCHMARK NO. 2
CROSS CUT IN CONCRETE WALK NEAR NORTHEAST CORNER OF ALGONQUIN ROAD AND BRIARWOOD DRIVE.

ELEVATION = 692.13 (NAVD 88 DATUM)

SITE BENCHMARK NO. 3
CROSS CUT IN CONCRETE WALK NEAR NORTHWEST CORNER OF DEMPSTER STREET AND BUSSE ROAD.

ELEVATION = 686.58 (NAVD 88 DATUM)

SITE BENCHMARK NO. 4
CROSS CUT IN CONCRETE WALK NEAR NORTHWEST CORNER OF ALGONQUIN ROAD AND BUSSE ROAD.

ELEVATION = 684.54 (NAVD 88 DATUM)

	DESIGNED: BP					SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK / 64 / 5
	CHECKED: YG					VERTICAL:	STA. / TO STA.
	DATE: APRIL 2025					PROJECT NO. 11–3996–02	

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ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

ALIGNMENT & TIES

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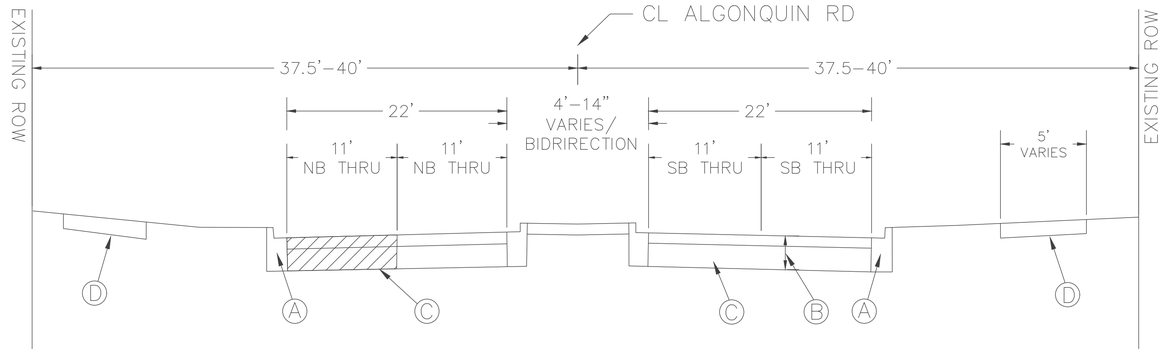
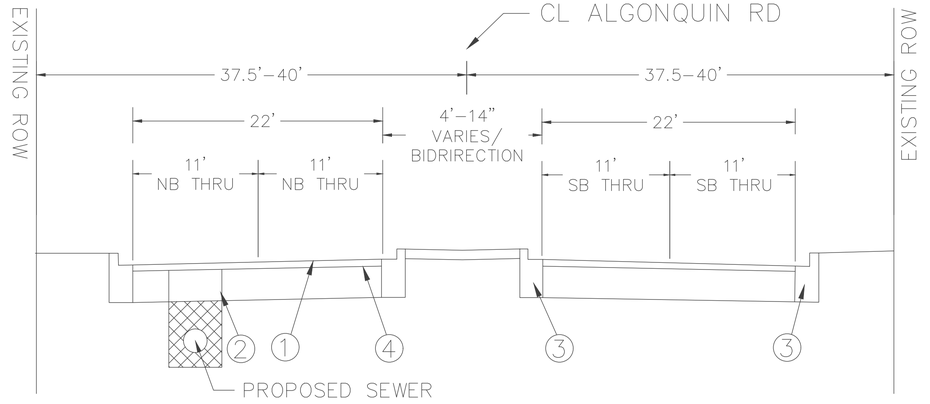
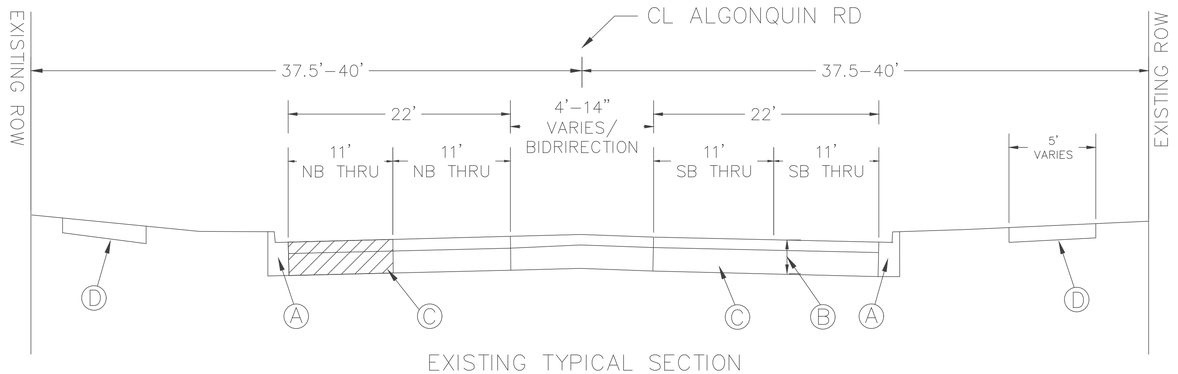


EXISTING TYPICAL SECTION
(ALGONQUIN RD)
STA. 18+80 TO STA. 27+50



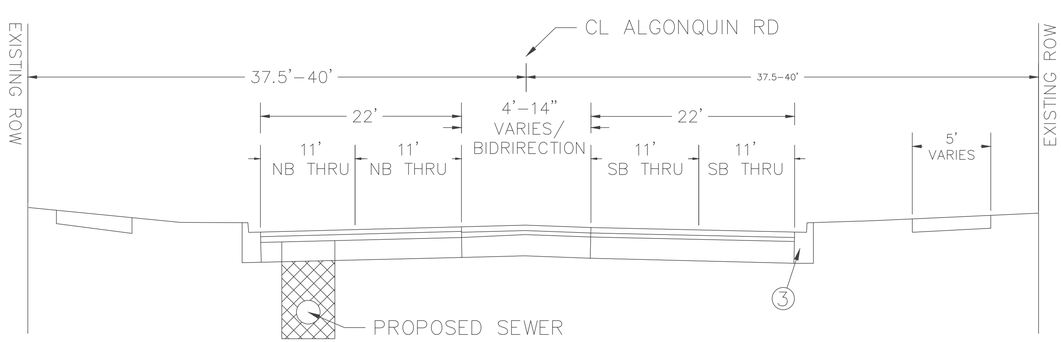
PROPOSED TYPICAL SECTION
(ALGONQUIN RD)
STA. 18+80 TO STA. 27+50



EXISTING TYPICAL SECTION
(ALGONQUIN RD)
STA. 00+00 TO STA. 18+80

EXISTING LEGEND:

- Ⓐ COMBINATION CONCRETE CURB AND GUTTER (TO BE REMOVED AT LOCATIONS SHOWN ON PLANS)
- Ⓑ EXISTING HMA PAVEMENT (SEE BORING LOG FOR THICKNESS)
- Ⓒ HMA PAVEMENT REMOVAL
- Ⓓ EXISTING SIDEWALK TO REMAIN



PROPOSED TYPICAL SECTION
(ALGONQUIN RD)
STA. 00+00 TO STA. 18+80

PROPOSED LEGEND:

- ① HMA SURFACE COURSE, IL–95, MIX "D", N70, 2–1/2" (FOR ONLY LANE OF DISTURBANCE)
- ② PCC BASE, 10"
- ③ COMBINATION CONCRETE CURB AND GUTTER TO BE REMOVED AND REPLACED AT LOCATIONS SHOWN ON PLANS
- ④ BITUMINOUS MATERIAL (TACK COAT)

HOT–MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndesign
PAVEMENT RESURFACING	
HOT–MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.5" (IL–9.5MM)	4% @ 70 GYR.
PATCHING	
CLASS D PATCHES, TYPE IV (HMA BINDER IL–19.0MM): 10" (IN 3 LIFTS)	4% @ 70 GYR.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT–MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN
2. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

LEGEND:

REMOVAL ITEM

TRENCH BACKFILL

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

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ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

PAVEMENT CROSS SECTIONS
ALGONQUIN ROAD

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: -	COOK	64	6
VERTICAL: -	STA. -	TO STA. -	
PROJECT NO. 11-3996-02			

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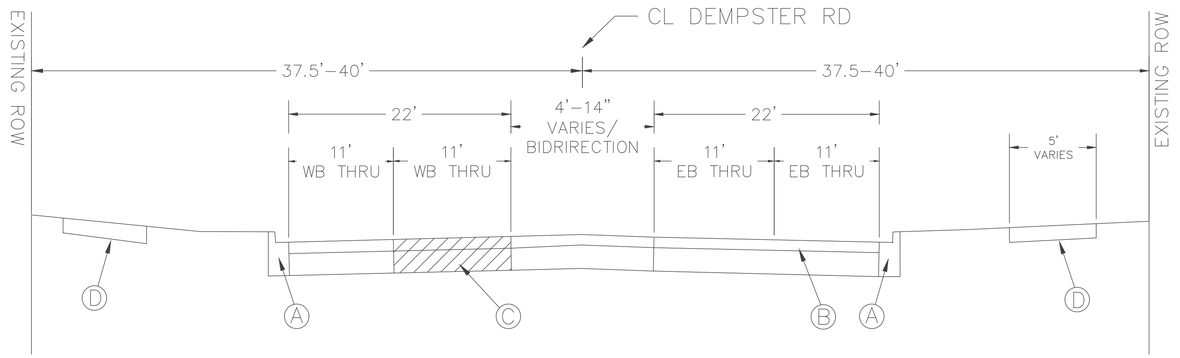
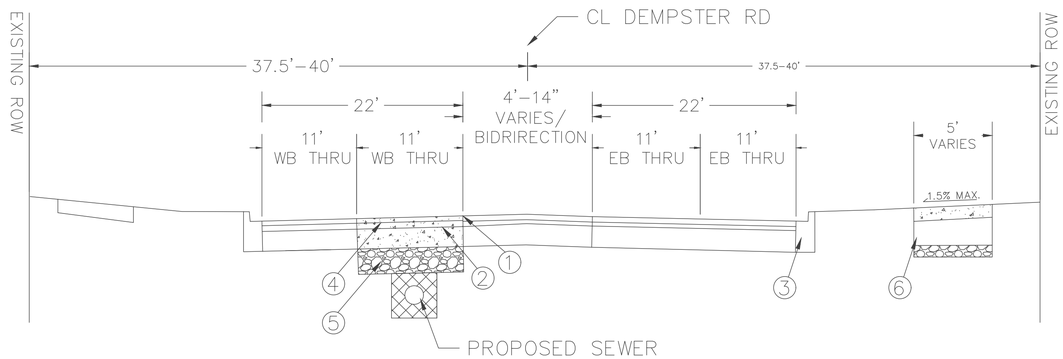


EXISTING TYPICAL SECTION
(DEMPSTER RD)
STA. 31+00 TO STA. 38+87



PROPOSED TYPICAL SECTION
(DEMPSTER RD)
STA. 31+00 TO STA. 38+87

EXISTING LEGEND:

Ⓐ COMBINATION CONCRETE CURB AND GUTTER (TO BE REMOVED AT LOCATIONS SHOWN ON PLANS)

Ⓑ EXISTING HMA PAVEMENT (SEE BORING LOG FOR THICKNESS)

Ⓒ HMA PAVEMENT REMOVAL

Ⓓ EXISTING SIDEWALK

PROPOSED LEGEND:

① HMA SURFACE COURSE, IL–95, MIX "D", N70, 2" (ONLY LANE OF DISTURBANCE)

② PCC BASE, 10"

③ COMBINATION CONCRETE CURB AND GUTTER TO BE REMOVED AND REPLACED AT LOCATIONS SHOWN ON PLANS

④ BITUMINOUS MATERIAL (TACK COAT)

⑤ AGGREGATE SUBBASE, 12"

⑥ MIN. 5" THICKNESS PCC OVER 4" AGGREGATE BASE COURSE (MIN. 8" THICKNESS FOR SIDEWALK THROUGH DRIVEWAYS AND CURB RAMPS)

HOT–MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndesign
PAVEMENT RESURFACING	
HOT–MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (IL–9.5MM)	4% @ 70 GYR.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT–MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN
2. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

LEGEND:

REMOVAL ITEM

TRENCH BACKFILL

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	PAVEMENT CROSS SECTIONS DEMPSTER STREET	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: -	COOK	64	7
	CHECKED: YG					VERTICAL: -	STA. -	TO STA. -	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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UTILITY CONFLICTS	
CONFLICT NUMBER	CONFLICT HEIGHT DIFFERENTIAL
1	EX STM B/P: 687.44 P. SAN T/P: 676.61
2	EX STM B/P: 686.59 P. SAN T/P: 676.42
3	EX WM B/P: 687.53 P. SAN T/P: 676.29
4	EX STM B/P: 686.82 P. SAN T/P: 676.19
5	EX STM B/P: 685.32 P. SAN T/P: 676.00
6	EX GAS B/P: 690.75 P. SAN T/P: 684.99
7	EX WM B/P: 687.49 P. SAN T/P: 684.98
8	EX SAN B/P: 687.25 P. SAN T/P: 684.98
9	EX STM B/P: 686.09 P. SAN T/P: 675.77
10	EX GAS B/P: 689.56 P. SAN T/P: 675.66
11	EX SAN B/P: 684.74 P. SAN T/P: 675.64
12	EX WM B/P: 687.11 P. SAN T/P: 675.62
13	EX STM B/P: 685.23 P. SAN T/P: 675.54

UTILITY CONFLICTS	
CONFLICT NUMBER	CONFLICT HEIGHT DIFFERENTIAL
14	EX STM B/P: 686.66 P. SAN T/P: 675.32
15	EX STM B/P: 686.74 P. SAN T/P: 675.10
16	EX WM B/P: 684.76 P. SAN T/P: 674.96
17	EX STM B/P: 686.45 P. SAN T/P: 674.88
18	EX WM B/P: 685.67 P. SAN T/P: 674.67
19	EX GAS B/P: 687.13 P. SAN T/P: 674.63
20	EX STM B/P: 686.47 P. SAN T/P: 674.63
21	EX WM B/P: 685.17 P. SAN T/P: 674.48
22	EX STM B/P: 686.58 P. SAN T/P: 674.49
23	EX WM B/P: 685.44 P. SAN T/P: 674.34
24	EX GAS B/P: 688.14 P. SAN T/P: 674.25
25	EX STM B/P: 684.71 P. SAN T/P: 674.09
26	EX STM B/P: 683.56 P. SAN T/P: 673.82

UTILITY CONFLICTS	
CONFLICT NUMBER	CONFLICT HEIGHT DIFFERENTIAL
27	EX STM B/P: 681.47 P. SAN T/P: 673.53
28	EX WM B/P: 684.85 P. SAN T/P: 675.62
29	EX WM B/P: 684.57 P. SAN T/P: 674.21
30	EX WM B/P: 684.09 P. SAN T/P: 675.27
31	EX GAS B/P: 687.75 P. SAN T/P: 675.36
32	EX STM B/P: 685.86 P. SAN T/P: 675.52
33	EX STM B/P: 685.86 P. SAN T/P: 676.09
34	EX STM B/P: 685.17 P. SAN T/P: 676.69
35	EX STM B/P: 684.41 P. SAN T/P: 677.30
36	EX WM B/P: 681.06 P. SAN T/P: 677.50
37	EX WM B/P: 680.85 P. SAN T/P: 677.42
38	EX GAS B/P: 685.37 P. SAN T/P: 677.46

SCHEDULE OF PROPOSED MANHOLES

STRUCTURE NAME	STATION	OFFSET	RIM ELEVATION	STRUCTURE INVERT	CONNECTED PIPES
PROPOSED VAH SAN. DROP MH 1	0+14	28.4' RT	683.84	657.25	W 24" INV. IN = 671.24 NE 12" INV. OUT = 657.29 W 18" INV. IN = 657.29
PROPOSED SAN. MH 2	0+27	26.9' RT	684.06	671.27	NW 24" INV. IN = 671.27 E 24" INV. OUT = 671.27
PROPOSED SAN. MH 3	2+77	27.1' RT	686.78	671.60	NW 24" INV. IN = 671.60 SE 24" INV. OUT = 671.60
PROPOSED SAN. MH 4	6+00	27.3' RT	689.39	672.02	NW 24" INV. IN = 672.02 SE 24" INV. OUT = 672.02
PROPOSED SAN. MH 5	9+18	27.2' RT	690.55	672.43	NW 24" INV. IN = 672.43 SE 24" INV. OUT = 672.43 NE 8" INV. IN = 673.76
PROPOSED SAN. MH 6	12+83	27.6' RT	690.83	672.90	NW 24" INV. IN = 672.90 SE 24" INV. OUT = 672.91
PROPOSED SAN. MH 7	14+84	27.8' RT	691.12	673.17	NW 24" INV. IN = 673.17 SE 24" INV. OUT = 673.17
PROPOSED SAN. MH 8	18+42	27.4' RT	691.47	673.63	NW 24" INV. IN = 673.63 SE 24" INV. OUT = 673.63
PROPOSED SAN. DROP MH 9	20+01	27.3' RT	691.87	673.84	NW 24" INV. IN = 673.84 SE 24" INV. OUT = 673.84 SW 8" INV. IN = 678.29 S 8" INV. IN = 675.34
PROPOSED SAN. DROP MH 10	20+57	27.6' RT	691.99	673.91	NW 24" INV. IN = 673.91 SE 24" INV. OUT = 673.91 N 12" INV. IN = 683.75 N 12" INV. IN = 674.91
PROPOSED SAN. DROP MH 11	20+78	54.6' RT	692.65	684.00	S 12" INV. OUT = 684.00 N 6" INV. IN = 687.42
PROPOSED SAN. MH 12	23+17	27.9' RT	692.34	674.25	NW 24" INV. IN = 674.25 SE 24" INV. OUT = 674.25
PROPOSED SAN. DROP MH 13	27+17	29.2' RT	693.50	674.77	NE 15" INV. IN = 679.04 SW 15" INV. IN = 679.19 SE 24" INV. OUT = 674.77 NE 10" INV. IN = 675.94 SW 10" INV. IN = 675.94
PROPOSED SAN. MH 14	30+76	5.2' LT	690.43	674.20	E 8" INV. IN = 674.20 SW 8" INV. OUT = 674.20
PROPOSED SAN. MH 15	33+85	7.2' LT	689.52	675.52	W 8" INV. OUT = 675.52 E 8" INV. IN = 675.52
PROPOSED SAN. MH 16	37+56	9.6' LT	687.27	677.00	W 8" INV. OUT = 677.00
PROPOSED STM. CB	0+00	33.6' RT	683.54	680.34	W 12" INV. OUT = 680.34
PROPOSED STM. MH	0+09	24.0' RT	683.90	680.00	E 12" INV. IN = 680.00 SW 12" INV. OUT = 680.00

NOTE:

- ALL OF THESE ELEVATIONS ARE APPROXIMATE AND ARE TO GIVEN TO AID IN LOCATING POSSIBLE CONFLICTS.

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

UTILITY CONFLICTS & MANHOLE SCHEDULE

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: -	COOK	64	8
VERTICAL: -	STA. -	TO STA. -	
PROJECT NO. 11-3996-02			

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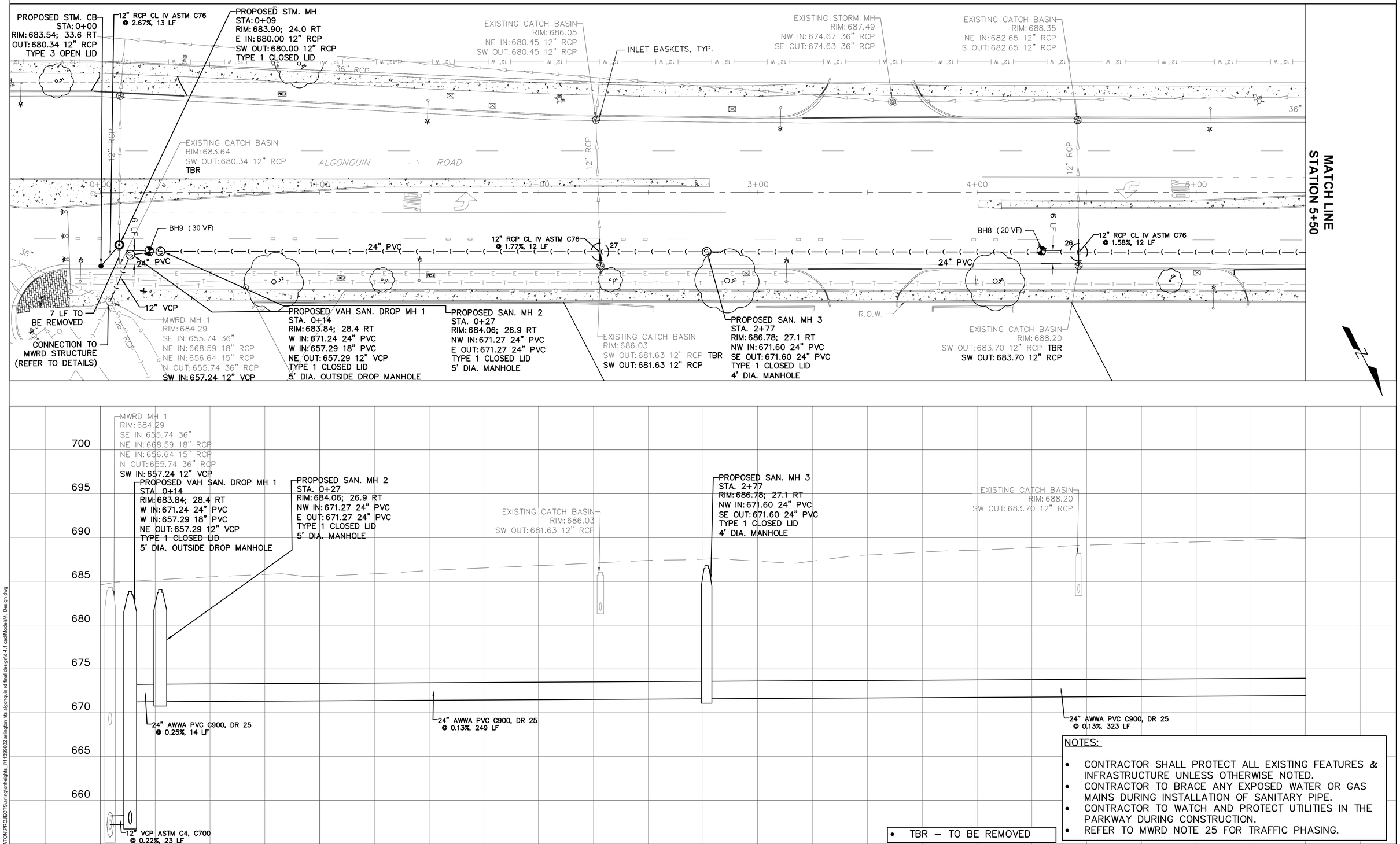

NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES & INFRASTRUCTURE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO BRACE ANY EXPOSED WATER OR GAS MAINS DURING INSTALLATION OF SANITARY PIPE.
- CONTRACTOR TO WATCH AND PROTECT UTILITIES IN THE PARKWAY DURING CONSTRUCTION.
- REFER TO MWRD NOTE 25 FOR TRAFFIC PHASING.

• TBR – TO BE REMOVED

	DESIGNED: BP		rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	ALGONQUIN RD – 0+00 – 5+50	SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL: 1" = 20'	DUPAGE	64 / 9
	CHECKED: YG					VERTICAL: 1" = 5'	STA.	TO STA.
4/30/2025	DATE: APRIL 2025					PROJECT NO. 11-4122-00		

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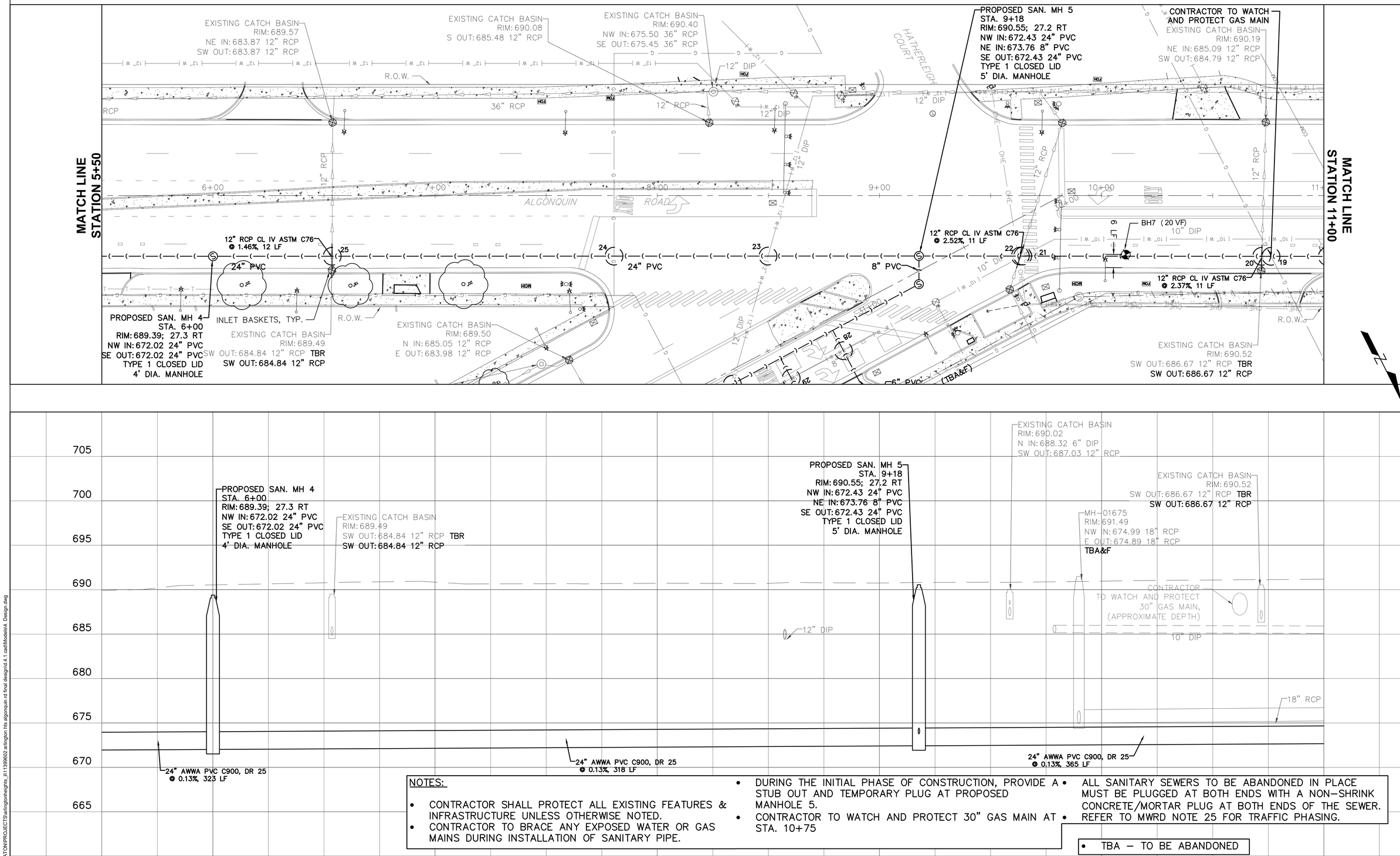

NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES & INFRASTRUCTURE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO BRACE ANY EXPOSED WATER OR GAS MAINS DURING INSTALLATION OF SANITARY PIPE.
- DURING THE INITIAL PHASE OF CONSTRUCTION, PROVIDE A STUB OUT AND TEMPORARY PLUG AT PROPOSED MANHOLE 5.
- CONTRACTOR TO WATCH AND PROTECT 30" GAS MAIN AT STA. 10+75
- ALL SANITARY SEWERS TO BE ABANDONED IN PLACE MUST BE PLUGGED AT BOTH ENDS WITH A NON-SHRINK CONCRETE/MORTAR PLUG AT BOTH ENDS OF THE SEWER. REFER TO MWRD NOTE 25 FOR TRAFFIC PHASING.
- TBA – TO BE ABANDONED

	DESIGNED: YG		rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	ALGONQUIN RD – 5+50 – 11+00	SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL: 1" = 20'	DUPAGE	64 / 10
	CHECKED: YG					VERTICAL: 1" = 5'	STA.	TO STA.
4/30/2025	DATE: APRIL 2025					PROJECT NO. 11-4122-00		

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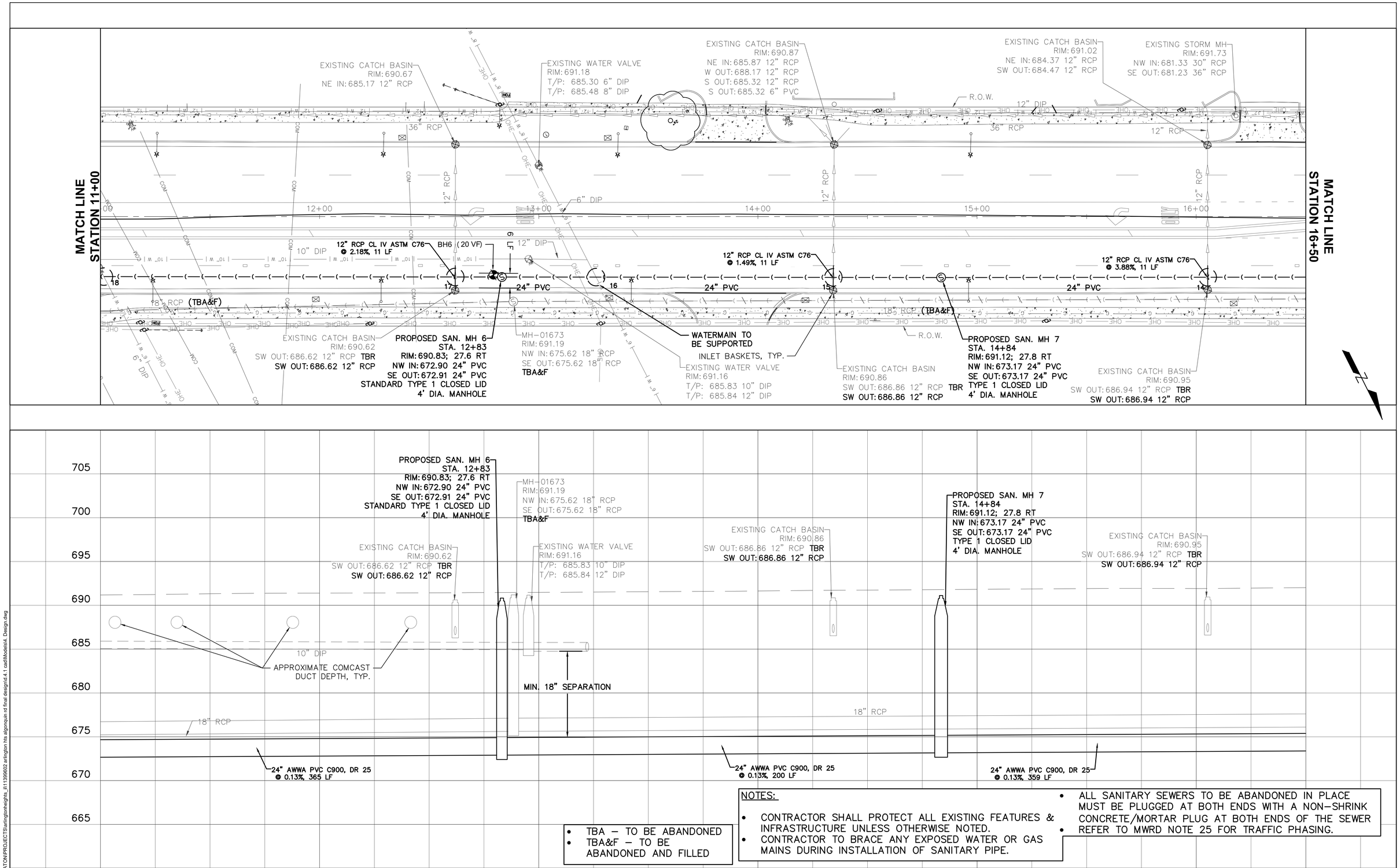

- TBA – TO BE ABANDONED
- TBA&F – TO BE ABANDONED AND FILLED

NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES & INFRASTRUCTURE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO BRACE ANY EXPOSED WATER OR GAS MAINS DURING INSTALLATION OF SANITARY PIPE.
- ALL SANITARY SEWERS TO BE ABANDONED IN PLACE MUST BE PLUGGED AT BOTH ENDS WITH A NON-SHRINK CONCRETE/MORTAR PLUG AT BOTH ENDS OF THE SEWER
- REFER TO MWRD NOTE 25 FOR TRAFFIC PHASING.

	DESIGNED: BP		rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	ALGONQUIN RD – 11+00 – 16+50	SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL: 1" = 20'	DUPAGE	64 / 11
	CHECKED: YG					VERTICAL: 1" = 5'	STA.	TO STA.
4/30/2025	DATE: APRIL 2025					PROJECT NO. 11-4122-00		

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MATCH LINE STATION 16+50

EXISTING SANITARY MH
RIM: 692.00
N IN: 684.19 12" VCP
W OUT: 684.17 18" RCP
PLUG

PROPOSED SAN. MH 8
STA. 18+42
RIM: 691.47; 27.4 RT
NW IN: 673.63 24" PVC
SE OUT: 673.63 24" PVC
TYPE 1 CLOSED LID
4' DIA. MANHOLE

EXISTING CATCH BASIN
RIM: 691.46
N IN: 688.56 12" DIP
SW OUT: 685.81 12" RCP TBR
SW OUT: 685.81 12" RCP

PROPOSED SAN. DROP MH 9
STA. 20+01
RIM: 691.87; 27.3 RT
NW IN: 673.84 24" PVC
SW IN: 678.29 8" PVC
S IN: 675.34 8" PVC
SE OUT: 673.84 24" PVC
TYPE 1 CLOSED LID
4' DIA. OUTSIDE DROP MANHOLE

PROPOSED SAN. DROP MH 10
STA. 20+57
RIM: 691.99; 27.6 RT
NW IN: 673.91 24" PVC
N IN: 683.75 12" PVC
N IN: 674.91 12" PVC
SE OUT: 673.91 24" PVC
TYPE 1 CLOSED LID
4' DIA. OUTSIDE DROP MANHOLE

EXISTING CATCH BASIN
RIM: 691.82
S OUT: 688.32 12" RCP

INLET BASKETS, TYP.

12" DIP

30" RCP

BRIARWOOD DRIVE

R.O.W.

12" RCP

17+00 18+00 19+00 20+00 21+00

8" VCP

BH5 (20 VF)

6 LF

12" RCP CL IV ASTM C76
@ 2.74%, 12 LF

24" PVC

18" RCP (TBA&F)

12" DIP

BH4 (20 VF)

12" RCP CL IV ASTM C76
@ 3.87%, 12 LF

12" RCP CL IV ASTM C76
@ 0.22%, 12 LF

24" PVC (TBA&F)

MH-11248
RIM: 691.87
NW IN: 676.17 18"
SE OUT: 676.12 18"
TBA&F

EXISTING CATCH BASIN
RIM: 691.19
SW OUT: 685.44 12" RCP TBR
SW OUT: 685.44 12" RCP

WATERMAIN TO BE SUPPORTED

MH-01672A
RIM: 692.07
N IN: 684.77 6" VCP
NW IN: 684.89 12" VCP

MH-01672
RIM: 692.44
NW IN: 676.65 18" RCP
SW IN: 678.24 8" VCP
SE OUT: 676.58 18" RCP
TBA&F

EXISTING SANITARY MH
RIM: 692.77
N IN: 687.42 6" VCP
S OUT: 687.25 12"

PROPOSED SAN. DROP MH 11
STA. 20+78
RIM: 692.65; 54.6 RT
N IN: 687.42 6" PVC
S OUT: 684.00 12" PVC
TYPE 1 CLOSED LID
4' DIA. OUTSIDE DROP MANHOLE

WATERMAIN & GAS TO BE SUPPORTED

BROWNSTONE COURT

EXISTING WATER VALVE
RIM: 693.69
T/P: 688.57 12" DIP
T/P: 688.57 12" DIP

EXISTING CATCH BASIN
RIM: 691.79
SW OUT: 685.32 12" RCP TBR
SW OUT: 685.32 12" RCP

MATCH LINE STATION 22+00

705
700
695
690
685
680
675
670
665

MH-11248
RIM: 691.87
NW IN: 676.17 18" RCP
SE OUT: 676.12 18" RCP
TBA&F

EXISTING CATCH BASIN
RIM: 691.19
SW OUT: 685.44 12" RCP TBR
SW OUT: 685.44 12" RCP

PROPOSED SAN. MH 8
STA. 18+42
RIM: 691.47; 27.4 RT
NW IN: 673.63 24" PVC
SE OUT: 673.63 24" PVC
TYPE 1 CLOSED LID
4' DIA. MANHOLE

MH-01672A
RIM: 692.07
N IN: 684.77 6" VCP
NW IN: 684.89 12" VCP

EXISTING CATCH BASIN
RIM: 691.46
N IN: 688.56 12" DIP
SW OUT: 685.81 12" RCP TBR
SW OUT: 685.81 12" RCP

PROPOSED SAN. DROP MH 9
STA. 20+01
RIM: 691.87; 27.3 RT
NW IN: 673.84 24" PVC
SW IN: 678.29 8" PVC
S IN: 675.34 8" PVC
SE OUT: 673.84 24" PVC
TYPE 1 CLOSED LID
4' DIA. OUTSIDE DROP MANHOLE

MH-01672
RIM: 692.44
NW IN: 676.65 18" RCP
SW IN: 678.24 8" VCP
SE OUT: 676.58 18" RCP
TBA&F

PROPOSED SAN. DROP MH 10
STA. 20+57
RIM: 691.99; 27.6 RT
NW IN: 673.91 24" PVC
N IN: 683.75 12" PVC
N IN: 674.91 12" PVC
SE OUT: 673.91 24" PVC
TYPE 1 CLOSED LID
4' DIA. OUTSIDE DROP MANHOLE

MH-01671A
RIM: 692.77
N IN: 687.42 6" VCP
S OUT: 687.25 12"

PROPOSED SAN. DROP MH 11
STA. 20+78
RIM: 692.65; 54.6 RT
N IN: 687.42 6" PVC
S OUT: 684.00 12" PVC
TYPE 1 CLOSED LID
4' DIA. OUTSIDE DROP MANHOLE

EXISTING WATER VALVE
RIM: 693.69
T/P: 688.57 12" DIP
T/P: 688.57 12" DIP

MIN. 18" SEPARATION

18" RCP

12" DIP

MIN. 18" SEPARATION

12" AWWA PVC C900, DR 25
@ 0.73%, 34 LF

12" RCP

18" RCP

24" AWWA PVC C900, DR 25
@ 0.13%, 359 LF

24" AWWA PVC C900, DR 25
@ 0.13%, 159 LF

24" AWWA PVC C900, DR 25
@ 0.13%, 56 LF

24" AWWA PVC C900, DR 25
@ 0.13%, 260 LF

- TBA – TO BE ABANDONED
- TBA&F – TO BE ABANDONED AND FILLED

- PLUG – PIPE TO BE PLUGGED FOR ABANDONMENT

NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES & INFRASTRUCTURE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO BRACE ANY EXPOSED WATER OR GAS MAINS DURING INSTALLATION OF SANITARY PIPE.
- ALL SANITARY SEWERS TO BE ABANDONED IN PLACE MUST BE PLUGGED AT BOTH ENDS WITH A NON-SHRINK CONCRETE/MORTAR PLUG AT BOTH ENDS OF THE SEWER
- REFER TO MWRD NOTE 25 FOR TRAFFIC PHASING.

16+50 17+00 18+00 19+00 20+00 21+00

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
4/30/2025	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

ALGONQUIN RD – 16+50 – 22+00

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: 1" = 20'	DUPAGE	64	12
VERTICAL: 1" = 5'	STA.	TO STA.	
PROJECT NO. 11-4122-00			

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MATCH LINE
STATION 22+00

PROPOSED SAN. MH 12
STA. 23+17
RIM: 692.34; 27.9 RT
NW IN: 674.25 24" PVC
SE OUT: 674.25 24" PVC
TYPE 1 CLOSED LID
4' DIA. MANHOLE

EXISTING CATCH BASIN
RIM: 692.14
NE IN: 686.82 12" RCP
S OUT: 686.82 12" RCP

EXISTING WATER VALVE
RIM: 693.08
T/P: 687.47 6" DIP
T/P: 687.47 6" DIP

EXISTING CATCH BASIN
RIM: 693.26
SE OUT: 687.26 12" RCP

EXISTING CATCH BASIN
RIM: 692.44
SE OUT: 688.99 12" RCP

EXISTING CATCH BASIN
RIM: 692.86
NE IN: 684.67 12" RCP

EXISTING STORM MANHOLE
RIM: 693.07
SE OUT: 684.72 30" RCP

MH-01670
RIM: 693.57
NW IN: 679.87 15" VCP
SE IN: 679.97 8" VCP
NE OUT: 679.67 15" VCP

R.O.W.

30" RCP

6" DIP

12" RCP

OHE

23+00 24+00 25+00 26+00 27+00 27+50

ALGONQUIN ROAD

CEDAR

12" RCP CL IV ASTM C76
@ 0.22%, 12 LF

24" PVC

BH3 (20 VF)

6 LF

12" RCP CL IV ASTM C76
@ 4.09%, 12 LF

BH2 (20 VF)

6 LF

24" PVC

12" RCP CL IV ASTM C76
@ 4.52%, 11 LF

BH1 (20 VF)

6 LF

18" RCP (TBA&F)

15" AWWA PVC C900, DR 25
@ 0.15%, 16 LF

PROPOSED SAN. DROP MH 13
STA. 27+17
RIM: 693.50; 29.2 RT
NE IN: 679.04 15" PVC
SW IN: 679.19 15" PVC
NE IN: 675.94 10" PVC
SW IN: 675.94 10" PVC
SE OUT: 674.77 24" PVC
TYPE 1 CLOSED LID
5' DIA. OUTSIDE DROP MANHOLE

EXISTING CATCH BASIN
RIM: 691.92
SW OUT: 686.82 12" RCP TBR
SW OUT: 686.82 12" RCP

WATERMAIN TO BE SUPPORTED

MH-01671
RIM: 692.61
NW IN: 677.31 18" RCP
SE OUT: 677.07 18" RCP
TBA&F

EXISTING CATCH BASIN
RIM: 692.47
N IN: 688.72 12" RCP
S OUT: 686.87 12" RCP TBR
S OUT: 686.87 12" RCP

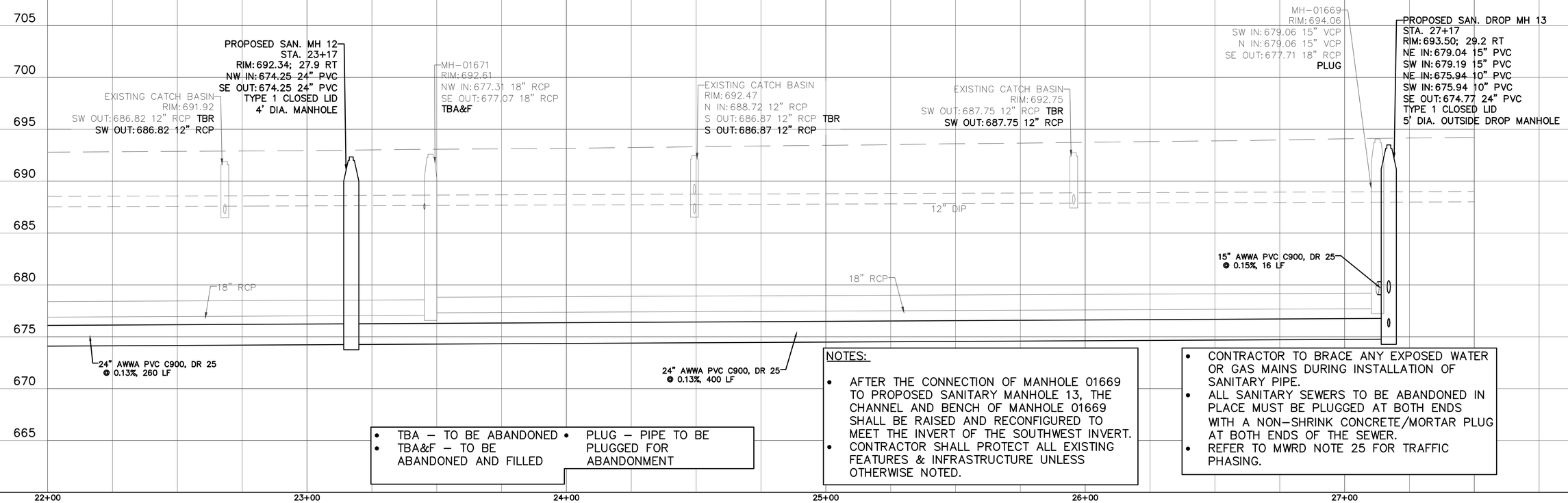
INLET BASKETS, TYP.

EXISTING CATCH BASIN
RIM: 692.75
SW OUT: 687.75 12" RCP TBR
SW OUT: 687.75 12" RCP

MH-01669
RIM: 694.06
SW IN: 679.06 15" VCP
N IN: 679.06 15" VCP
SE OUT: 677.71 18" RCP
SW OUT: 679.06 15" PVC
PLUG SE OUT PIPE

E. ALGONQUIN

DEARBORN COURT



- TBA – TO BE ABANDONED
- TBA&F – TO BE ABANDONED AND FILLED
- PLUG – PIPE TO BE PLUGGED FOR ABANDONMENT

NOTES:

- AFTER THE CONNECTION OF MANHOLE 01669 TO PROPOSED SANITARY MANHOLE 13, THE CHANNEL AND BENCH OF MANHOLE 01669 SHALL BE RAISED AND RECONFIGURED TO MEET THE INVERT OF THE SOUTHWEST INVERT.
- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES & INFRASTRUCTURE UNLESS OTHERWISE NOTED.

- CONTRACTOR TO BRACE ANY EXPOSED WATER OR GAS MAINS DURING INSTALLATION OF SANITARY PIPE.
- ALL SANITARY SEWERS TO BE ABANDONED IN PLACE MUST BE PLUGGED AT BOTH ENDS WITH A NON-SHRINK CONCRETE/MORTAR PLUG AT BOTH ENDS OF THE SEWER.
- REFER TO MWRD NOTE 25 FOR TRAFFIC PHASING.

	DESIGNED: BP		rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	ALGONQUIN RD – 22+00 – 27+50	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: 1" = 20'	DUPAGE	64	13
	CHECKED: YG					VERTICAL: 1" = 5'	STA.	TO STA.	
4/30/2025	DATE: APRIL 2025					PROJECT NO. 11-4122-00			

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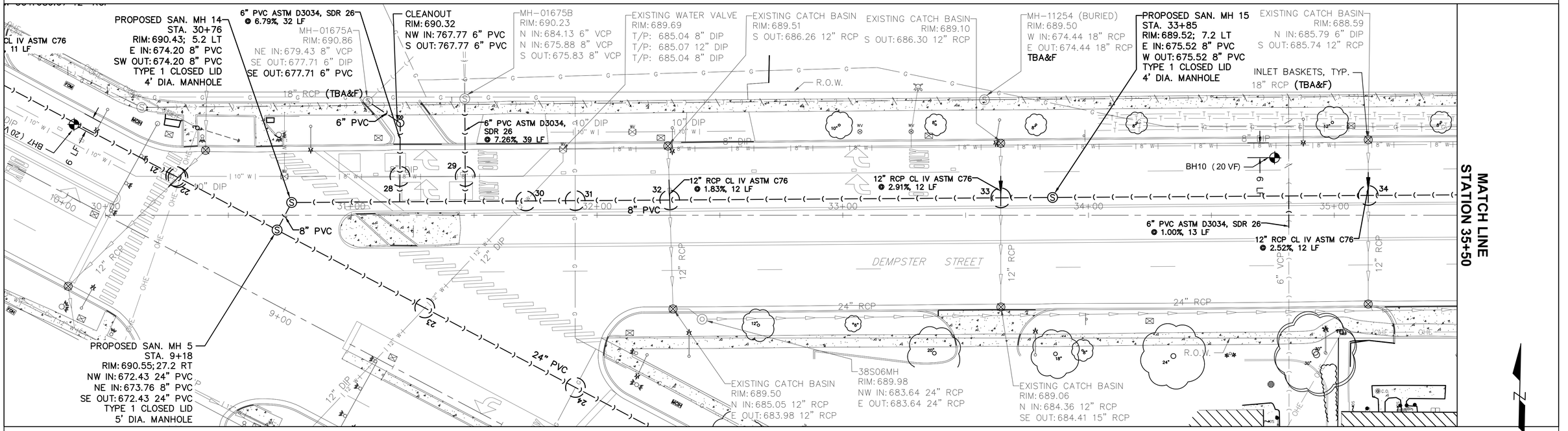

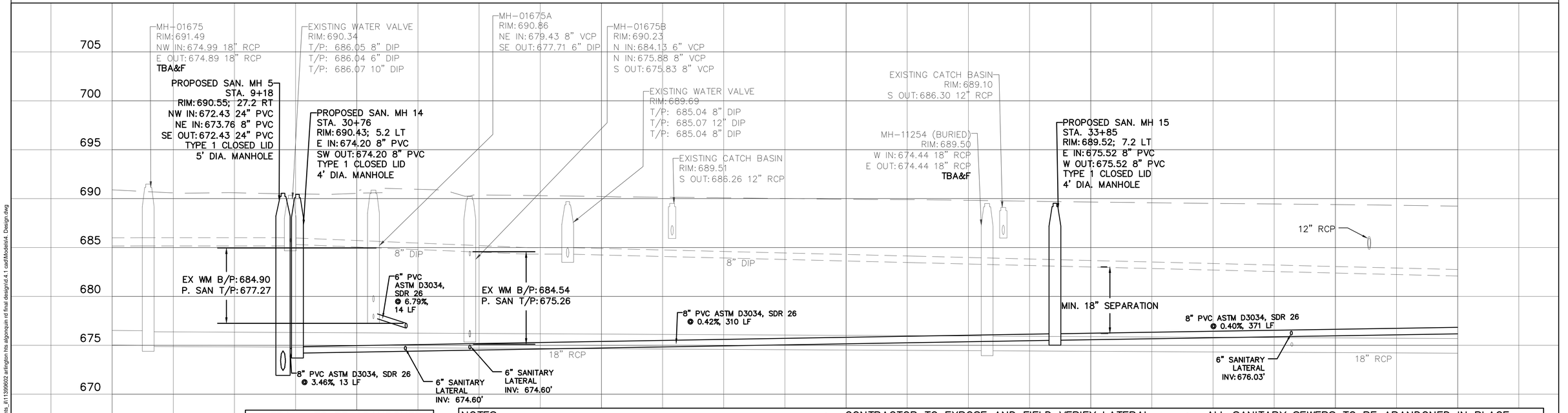

- TBA – TO BE ABANDONED
- TBA&F – TO BE ABANDONED AND FILLED

NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES & INFRASTRUCTURE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO BRACE ANY EXPOSED WATER OR GAS MAINS DURING INSTALLATION OF SANITARY PIPE.
- CONTRACTOR TO EXPOSE AND FIELD VERIFY LATERAL DEPTH AT STA. 37+51 PRIOR TO CONSTRUCTION OF SEWERS ON DEMPSTER STREET.
- SEWERS TO BE ABANDONED WITHIN COUNTY ROW SHALL BE FILLED WITH CLSM.
- ALL SANITARY SEWERS TO BE ABANDONED IN PLACE MUST BE PLUGGED AT BOTH ENDS WITH A NON-SHRINK CONCRETE/MORTAR PLUG AT BOTH ENDS OF THE SEWER.
- REFER TO MWRD NOTE 25 FOR TRAFFIC PHASING.

30+00 31+00 32+00 33+00 34+00 35+00

	DESIGNED: BP		rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DEMPSTER ST – 30+00 – 35+50	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: 1" = 20'	DUPAGE	64	14
	CHECKED: YG					VERTICAL: 1" = 5'	STA.	TO STA.	
4/30/2025	DATE: APRIL 2025					PROJECT NO. 11-4122-00			

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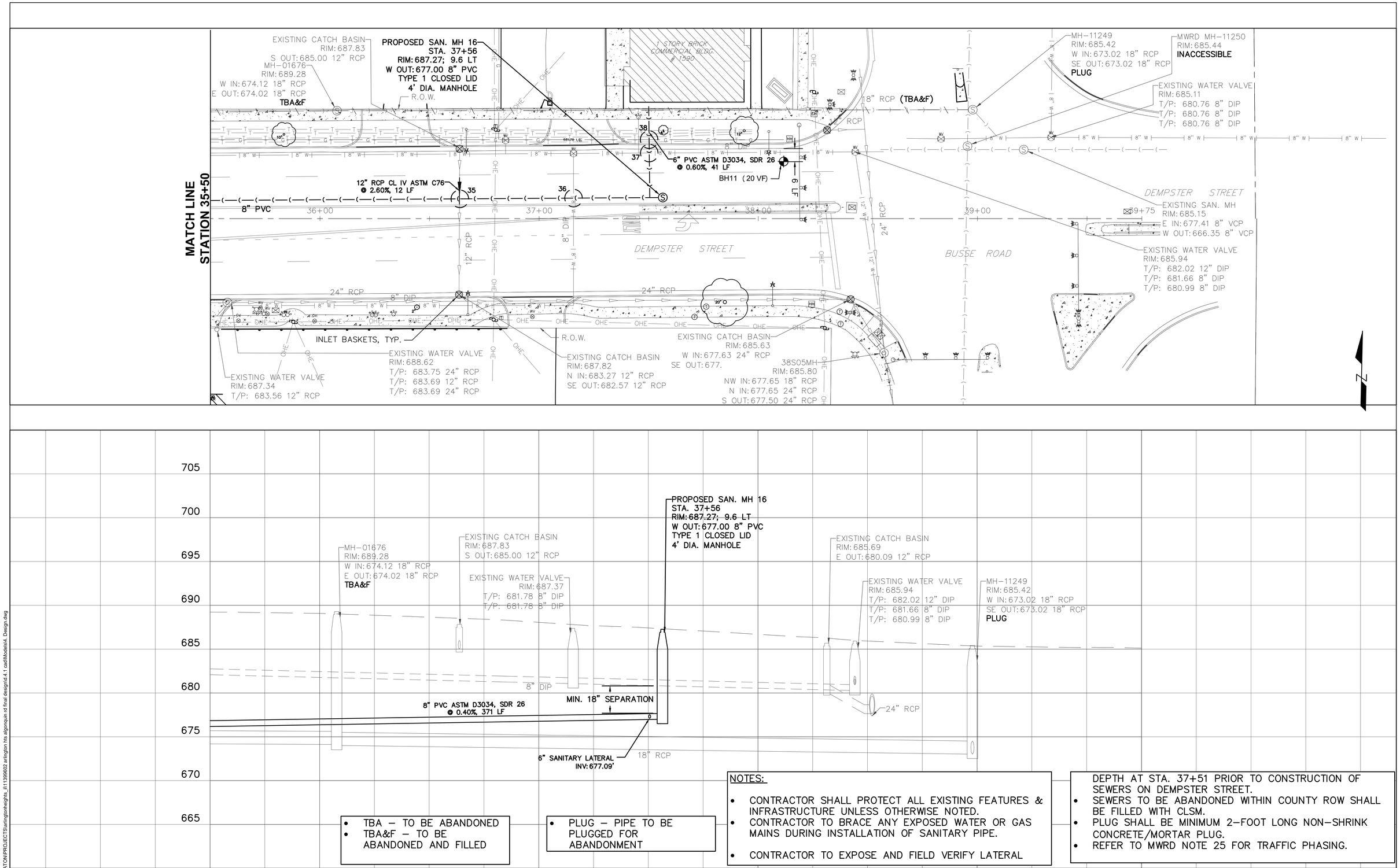

- TBA – TO BE ABANDONED
- TBA&F – TO BE ABANDONED AND FILLED

- PLUG – PIPE TO BE PLUGGED FOR ABANDONMENT

NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES & INFRASTRUCTURE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO BRACE ANY EXPOSED WATER OR GAS MAINS DURING INSTALLATION OF SANITARY PIPE.
- CONTRACTOR TO EXPOSE AND FIELD VERIFY LATERAL DEPTH AT STA. 37+51 PRIOR TO CONSTRUCTION OF SEWERS ON DEMPSTER STREET.
- SEWERS TO BE ABANDONED WITHIN COUNTY ROW SHALL BE FILLED WITH CLSM.
- PLUG SHALL BE MINIMUM 2-FOOT LONG NON-SHRINK CONCRETE/MORTAR PLUG.
- REFER TO MWRD NOTE 25 FOR TRAFFIC PHASING.

	DESIGNED: BP		rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DEMPSTER ST – 35+50 – 39+75	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: 1" = 20'	DUPAGE	64	15
	CHECKED: YG					VERTICAL: 1" = 5'	STA.	TO STA.	
4/30/2025	DATE: APRIL 2025					PROJECT NO. 11-4122-00			

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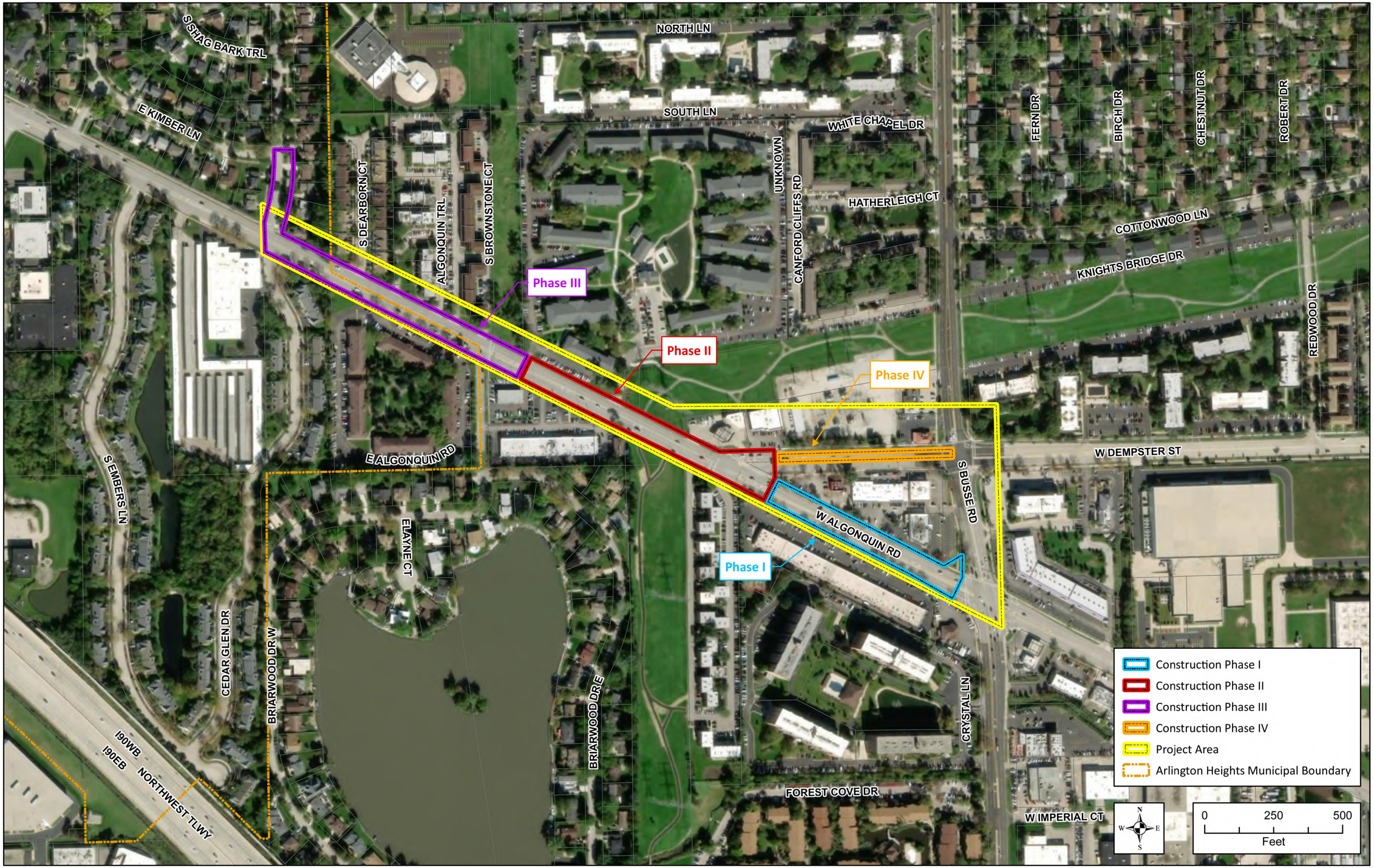

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	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	SUGGESTED SEQUENCE OF CONSTRUCTION - OVERALL	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: -	COOK	64	16
	CHECKED: YG					VERTICAL: -	STA. -	TO STA. -	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

NOTES:
1. BEGIN BY INSTALLING PROPOSED SANITARY DROP MANHOLE 2 UPSTREAM OF THE EXISTING MWRD STRUCTURE.
2. 12" SANITARY SEWER PIPE IS TO BE CONNECTED TO THE EXISTING MWRD STRUCTURE AND SANITARY MANHOLE 2 IN ACCORDANCE WITH THE PLANS AND DETAILS.
3. SANITARY SEWER AND MANHOLE INSTALLATION SHALL CONTINUE UPSTREAM INCLUDING PROPOSED SANITARY MANHOLES 3 & 4 TO THE ALGONQUIN ROAD AND DEMPSTER STREET INTERSECTION WHERE PHASE II STARTS.

MH-01675
MH-11254
MH-01676
MH-11249
MH-11250
SAN MH 14
SAN MH 15
SAN MH 16
SAN MH 5
W DEMPSTER ST
SAN MH 4
W ALGONQUIN RD
SAN MH 3
S BUSSE RD
SAN MH 2
SAN MH 1
CRYSTAL LN
Maxar, Microsoft

Construction Phase I
Project Area
Proposed Sewer
Proposed Manhole
Village Sanitary Manhole
MWRD Manhole
Sanitary Fitting
Village Sanitary Sewer
MWRD Sewer

0 50 100
Feet

N W E S

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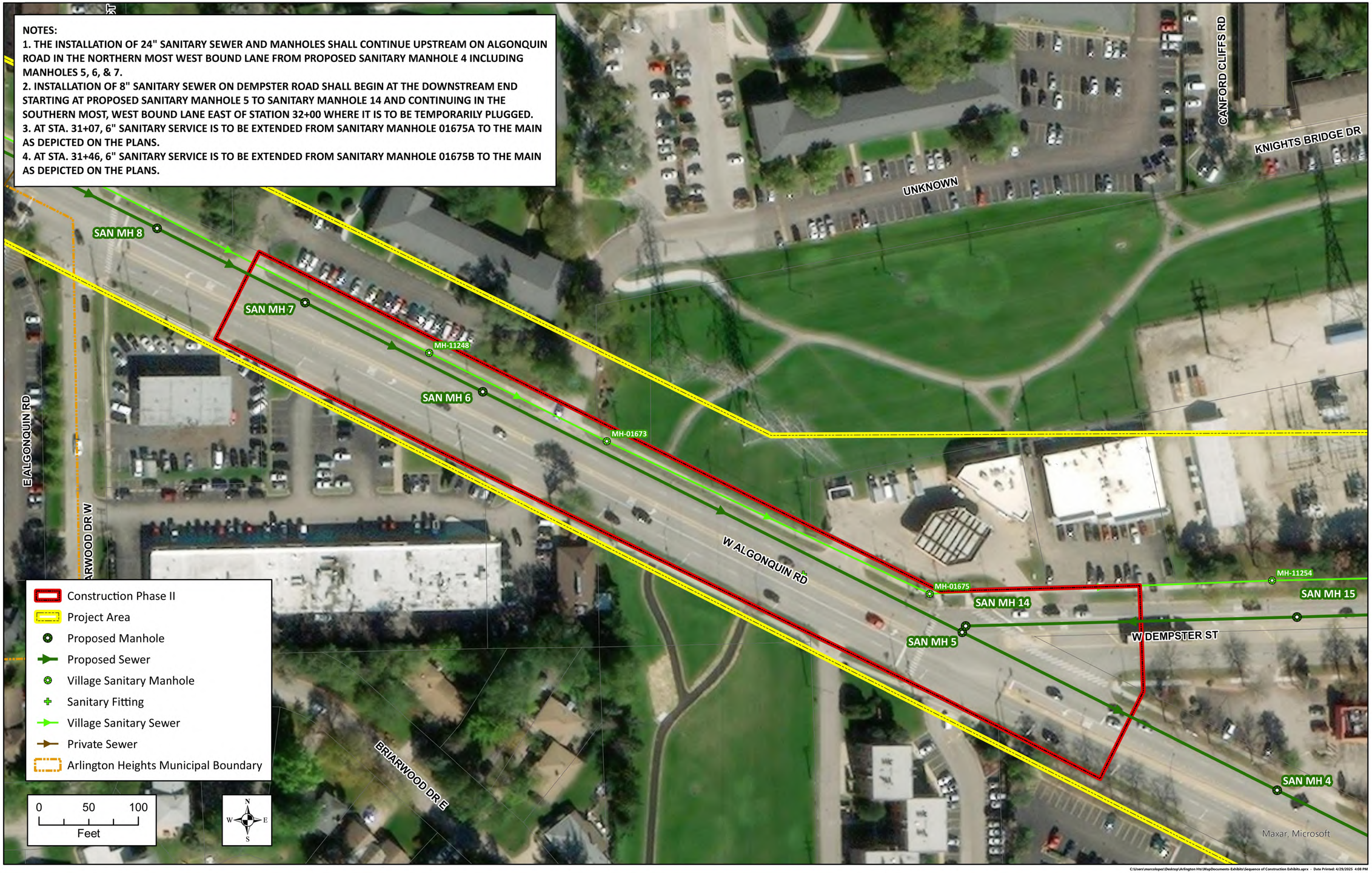
	DESIGNED: BP					SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: -	COOK	64	17
	CHECKED: YG					VERTICAL: -	STA. -	TO STA. -	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

SUGGESTED SEQUENCE OF CONSTRUCTION - PHASE I

NOTES:
1. THE INSTALLATION OF 24" SANITARY SEWER AND MANHOLES SHALL CONTINUE UPSTREAM ON ALGONQUIN ROAD IN THE NORTHERN MOST WEST BOUND LANE FROM PROPOSED SANITARY MANHOLE 4 INCLUDING MANHOLES 5, 6, & 7.
2. INSTALLATION OF 8" SANITARY SEWER ON DEMPSTER ROAD SHALL BEGIN AT THE DOWNSTREAM END STARTING AT PROPOSED SANITARY MANHOLE 5 TO SANITARY MANHOLE 14 AND CONTINUING IN THE SOUTHERN MOST, WEST BOUND LANE EAST OF STATION 32+00 WHERE IT IS TO BE TEMPORARILY PLUGGED.
3. AT STA. 31+07, 6" SANITARY SERVICE IS TO BE EXTENDED FROM SANITARY MANHOLE 01675A TO THE MAIN AS DEPICTED ON THE PLANS.
4. AT STA. 31+46, 6" SANITARY SERVICE IS TO BE EXTENDED FROM SANITARY MANHOLE 01675B TO THE MAIN AS DEPICTED ON THE PLANS.



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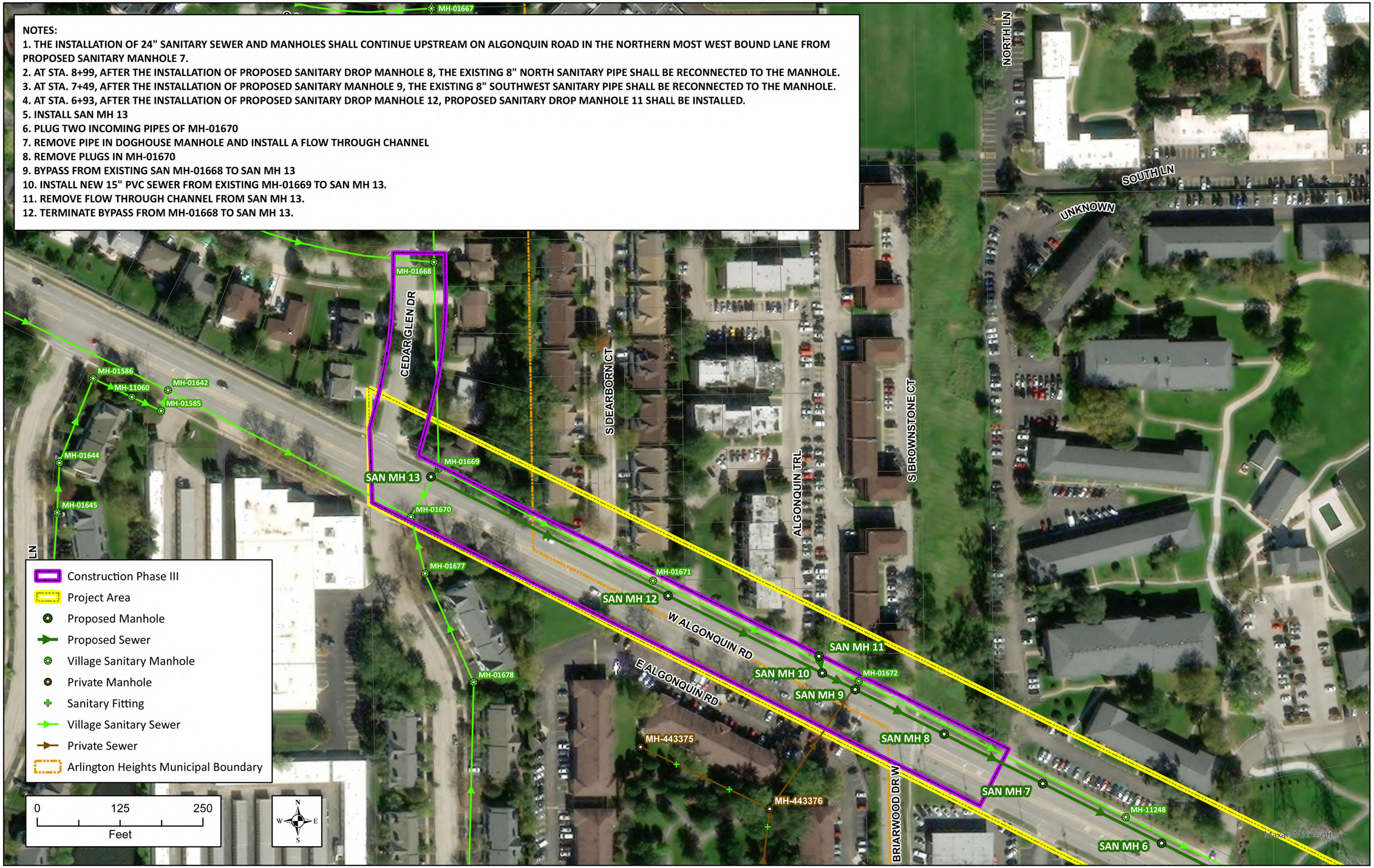
	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	SUGGESTED SEQUENCE OF CONSTRUCTION - PHASE II	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: -	COOK	64	18
	CHECKED: YG					VERTICAL: -	STA. -	TO STA. -	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

NOTES:

1. THE INSTALLATION OF 24" SANITARY SEWER AND MANHOLES SHALL CONTINUE UPSTREAM ON ALGONQUIN ROAD IN THE NORTHERN MOST WEST BOUND LANE FROM PROPOSED SANITARY MANHOLE 7.
2. AT STA. 8+99, AFTER THE INSTALLATION OF PROPOSED SANITARY DROP MANHOLE 8, THE EXISTING 8" NORTH SANITARY PIPE SHALL BE RECONNECTED TO THE MANHOLE.
3. AT STA. 7+49, AFTER THE INSTALLATION OF PROPOSED SANITARY MANHOLE 9, THE EXISTING 8" SOUTHWEST SANITARY PIPE SHALL BE RECONNECTED TO THE MANHOLE.
4. AT STA. 6+93, AFTER THE INSTALLATION OF PROPOSED SANITARY DROP MANHOLE 12, PROPOSED SANITARY DROP MANHOLE 11 SHALL BE INSTALLED.
5. INSTALL SAN MH 13
6. PLUG TWO INCOMING PIPES OF MH-01670
7. REMOVE PIPE IN DOGHOUSE MANHOLE AND INSTALL A FLOW THROUGH CHANNEL
8. REMOVE PLUGS IN MH-01670
9. BYPASS FROM EXISTING SAN MH-01668 TO SAN MH 13
10. INSTALL NEW 15" PVC SEWER FROM EXISTING MH-01669 TO SAN MH 13.
11. REMOVE FLOW THROUGH CHANNEL FROM SAN MH 13.
12. TERMINATE BYPASS FROM MH-01668 TO SAN MH 13.



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	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	SUGGESTED SEQUENCE OF CONSTRUCTION - PHASE III	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL: -	COOK / 64 / 19
	CHECKED: YG					VERTICAL: -	STA. - TO STA. -
	DATE: APRIL 2025					PROJECT NO. 11-3996-02	

NOTES:

1. INSTALLATION OF 8" SANITARY SEWER SHALL BEGIN AT THE DOWNSTREAM END STARTING WHERE PHASE II ENDED TO PROPOSED SANITARY MANHOLE 16 LOCATED IN THE SOUTHERN MOST, WEST BOUND LANE WHERE INSTALLATION OF THE 8" SEWER SHALL CONTINUE.
2. AT STA. 34+77, EXISTING 6" SANITARY SERVICE IS TO BE RECONNECTED TO THE NEW MAIN.
3. AT STA. 38+75, EXISTING 6" SANITARY SERVICE IS TO BE EXTENDED TO THE NEW MAIN.
4. INSTALLATION OF 8" SANITARY SEWER AND MANHOLES SHALL CONTINUE UNTIL PROPOSED SANITARY MANHOLE 16 HAS BEEN COMPLETED.



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	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	SUGGESTED SEQUENCE OF CONSTRUCTION - PHASE IV	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: -	COOK	64	20
	CHECKED: YG					VERTICAL: -	STA. -	TO STA.	-
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			



rjngroup Engineering infrastructure for tomorrow

- Mount Prospect Manhole
- Private Manhole (Mount Prospect)
- Mount Prospect Gravity Main
- Private Gravity Main (Mount Prospect)
- Sanitary Service Line
- Other Ownership Storm Manhole
- Mount Prospect Storm Structure
- Other Ownership Storm Structure
- Mount Prospect Storm Outlet
- Mount Prospect Storm Main
- Other Ownership Storm Main
- VAH Sanitary Manholes
- VAH Sanitary Sewers
- Gas Lines
- Cook County Parcel
- Proposed Staging & Storage Area

0 25 50
Feet

N W E S

Village of Arlington Heights, IL
Algonquin Road Sewer Upsizing
Proposed Staging & Storage Area
April 2025

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	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

STAGING & MATERIAL STORAGE AREA

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: -	COOK	64	21
VERTICAL: -	STA. -	TO STA. -	
PROJECT NO. 11-3996-02			

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PHASE III (7 WEEKS) – NO DETOUR, ALGONQUIN WEST
SHIFTED TO TURN LANE
SEE IDOT STANDARD DETAIL 701602-10

PHASE IV (4 WEEKS) –
SEE DEMPSTER
WEST DETOUR

S BUSSE RD

W DEMPSTER ST

PHASE V (4 WEEKS) – RESTORATION
NO DETOUR. TEMPORARY TRAFFIC CONTROL

PHASE II –
(4 WEEKS)
SEE ALGONQUIN WEST
AND DEMPSTER
EAST DETOUR

PHASE I (6 WEEKS) –
SEE ALGONQUIN
WEST DETOUR

NOTES:
1. SHADED AREA REFLECT THE CONSTRUCTION ZONES
2. PCC BASE TO BE INSTALLED AT THE END OF EACH PHASE WITH ENTRANCE RAMPS ADDED WHERE NEEDED.
3. DETECTOR LOOP RESTORATION AND FINAL PAVING AFTER PHASE IV WITH MOVING TRAFFIC CONTROL WITH FLAGGER BUT NO DETOUR.
4. LEFT WESTBOUND ALGONQUIN ROAD LANE TO BE OPENED AFTER PHASE I. RIGHT WESTBOUND ALGONQUIN ROAD LANE TO REMAIN CLOSED UNTIL RESTORATION IS COMPLETED.

W ALGONQUIN
(US 62)

OOD DR

RD

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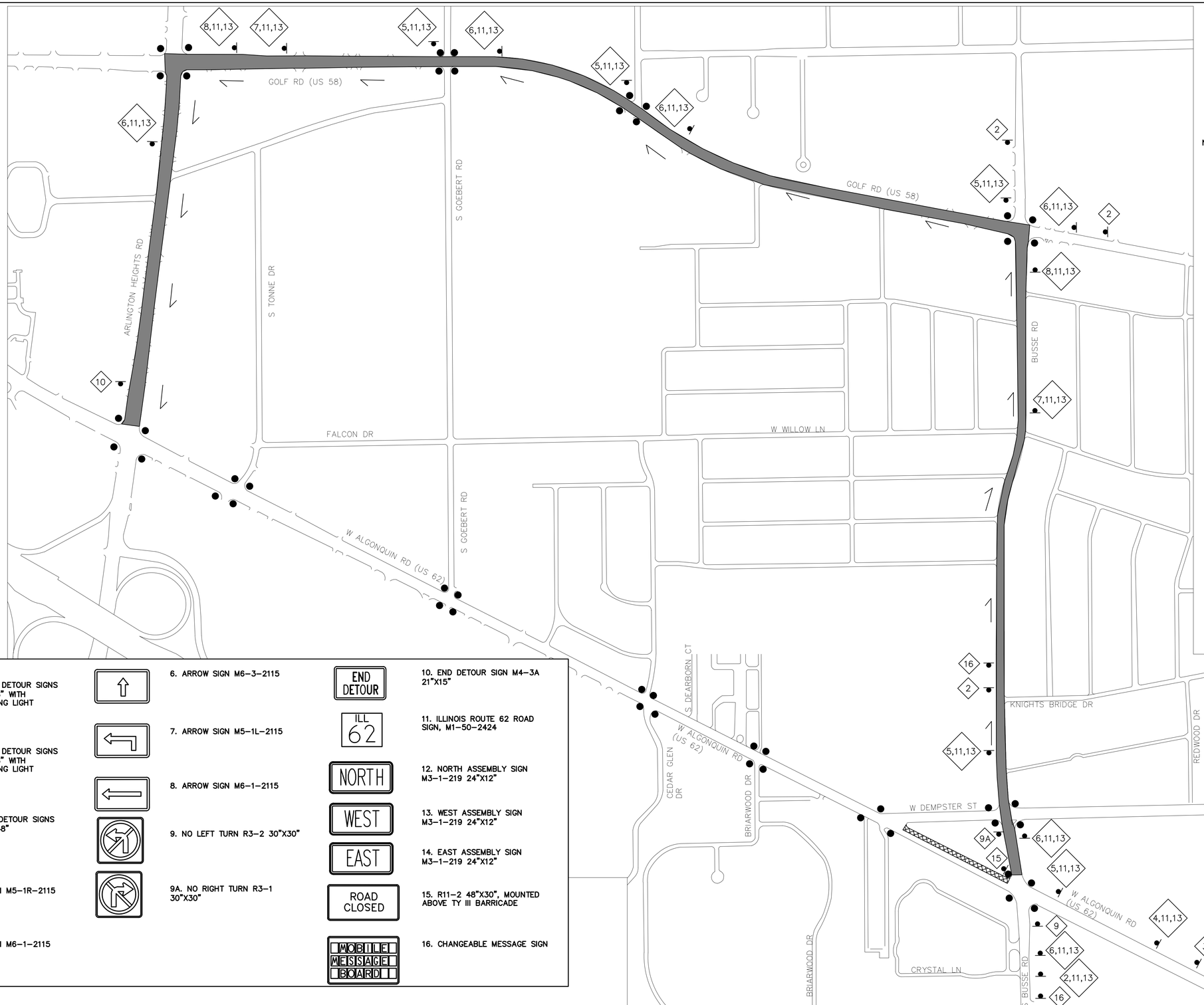
	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	TRAFFIC DETOUR PLAN – OVERALL DETOUR	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL: NTS	COOK	64	22
	CHECKED: MY					VERTICAL: NTS	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3565-00			



LEGEND

- DIRECTION OF TRAFFIC FLOW
- DETOUR ROUTE
- CLOSED SECTION OF ALGONQUIN RD
- SIGNALIZED INTERSECTION

NOTES:

1. PHASE I TRAFFIC DETOUR TO REMAIN ACTIVE DURING PHASE II.
2. CONSTRUCTION IS CONSIDERED A MOVING OPERATION AND ARE SUBJECT TO CHANGE PLACEMENT CONTINGENT OF WHICH SECTION OF ROAD IS CLOSED.
3. ALL DETOUR SIGNING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR DETOUR.
4. THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ONE MONTH PRIOR TO CLOSURE: DETOUR ROUTES AND ASSOCIATED SIGNAGE WILL NEED TO BE IN PLACE TWO WEEKS PRIOR TO CLOSURE.
5. PARKWAY SPACE IS LIMITED, THE CONTRACTOR WILL MAKE SURE THAT THESE SIGNS DO NOT BLOCK THE SIDEWALK ON THE STREET.
6. ALL DETOUR SIGNS SPACING SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE DETAIL TC-21.
7. WESTBOUND ALGONQUIN ROAD TO REMAIN CLOSED AT THE LOCATION SHOWN FOR THE DURATION OF PHASE I.

1. ADVANCE DETOUR SIGNS W20-3 48"X48" WITH AMBER FLASHING LIGHT
2. ADVANCE DETOUR SIGNS W20-2 48"X48" WITH AMBER FLASHING LIGHT
3. ADVANCE DETOUR SIGNS W20-3 48"X48"
4. ARROW SIGN M5-1R-2115
5. ARROW SIGN M6-1-2115
6. ARROW SIGN M6-3-2115
7. ARROW SIGN M5-1L-2115
8. ARROW SIGN M6-1-2115
9. NO LEFT TURN R3-2 30"X30"
9A. NO RIGHT TURN R3-1 30"X30"
10. END DETOUR SIGN M4-3A 21"X15"
11. ILLINOIS ROUTE 62 ROAD SIGN, M1-50-2424
12. NORTH ASSEMBLY SIGN M3-1-219 24"X12"
13. WEST ASSEMBLY SIGN M3-1-219 24"X12"
14. EAST ASSEMBLY SIGN M3-1-219 24"X12"
15. R11-2 48"X30", MOUNTED ABOVE TY III BARRICADE
16. CHANGEABLE MESSAGE SIGN

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: MY	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

TRAFFIC DETOUR PLAN PHASE I – ALGONQUIN WEST

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: NTS	COOK	64	23
VERTICAL: NTS	STA.	TO STA.	
PROJECT NO. 11-3565-00			

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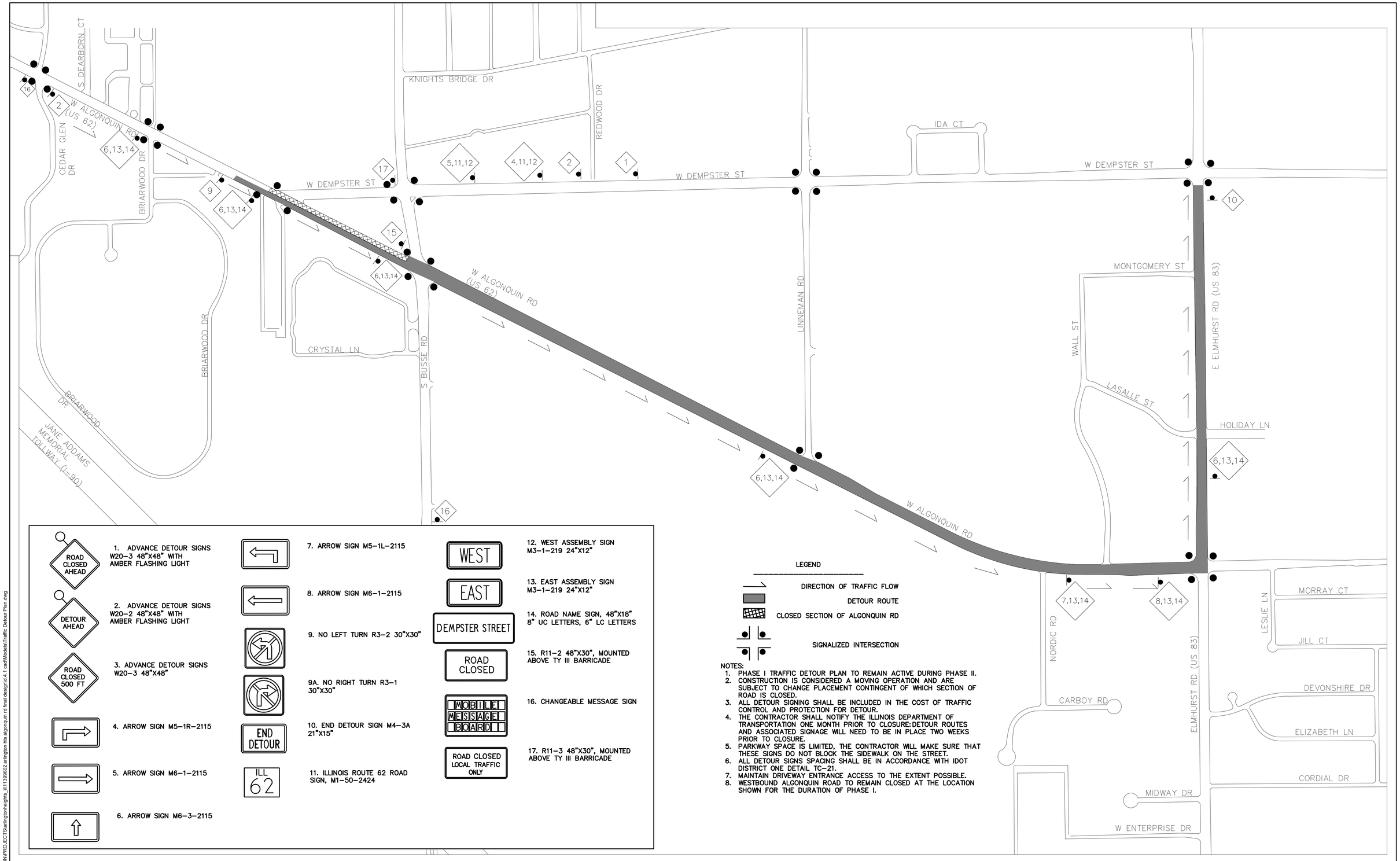

1. ADVANCE DETOUR SIGNS W20-3 48"X48" WITH AMBER FLASHING LIGHT

2. ADVANCE DETOUR SIGNS W20-2 48"X48" WITH AMBER FLASHING LIGHT

3. ADVANCE DETOUR SIGNS W20-3 48"X48"

4. ARROW SIGN M5-1R-2115

5. ARROW SIGN M6-1-2115

6. ARROW SIGN M6-3-2115

7. ARROW SIGN M5-1L-2115

8. ARROW SIGN M6-1-2115

9. NO LEFT TURN R3-2 30"X30"

9A. NO RIGHT TURN R3-1 30"X30"

10. END DETOUR SIGN M4-3A 21"X15"

11. ILLINOIS ROUTE 62 ROAD SIGN, M1-50-2424

12. WEST ASSEMBLY SIGN M3-1-219 24"X12"

13. EAST ASSEMBLY SIGN M3-1-219 24"X12"

14. ROAD NAME SIGN, 48"X18" 8" UC LETTERS, 6" LC LETTERS

15. R11-2 48"X30", MOUNTED ABOVE TY III BARRICADE

16. CHANGEABLE MESSAGE SIGN

17. R11-3 48"X30", MOUNTED ABOVE TY III BARRICADE

LEGEND

- DIRECTION OF TRAFFIC FLOW
- DETOUR ROUTE
- CLOSED SECTION OF ALGONQUIN RD
- SIGNALIZED INTERSECTION

NOTES:
1. PHASE I TRAFFIC DETOUR PLAN TO REMAIN ACTIVE DURING PHASE II.
2. CONSTRUCTION IS CONSIDERED A MOVING OPERATION AND ARE SUBJECT TO CHANGE PLACEMENT CONTINGENT OF WHICH SECTION OF ROAD IS CLOSED.
3. ALL DETOUR SIGNING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR DETOUR.
4. THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ONE MONTH PRIOR TO CLOSURE: DETOUR ROUTES AND ASSOCIATED SIGNAGE WILL NEED TO BE IN PLACE TWO WEEKS PRIOR TO CLOSURE.
5. PARKWAY SPACE IS LIMITED, THE CONTRACTOR WILL MAKE SURE THAT THESE SIGNS DO NOT BLOCK THE SIDEWALK ON THE STREET.
6. ALL DETOUR SIGNS SPACING SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE DETAIL TC-21.
7. MAINTAIN DRIVEWAY ENTRANCE ACCESS TO THE EXTENT POSSIBLE.
8. WESTBOUND ALGONQUIN ROAD TO REMAIN CLOSED AT THE LOCATION SHOWN FOR THE DURATION OF PHASE I.

DESIGNED:	BP
DRAWN:	AI
CHECKED:	MY
DATE:	APRIL 2025

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

TRAFFIC DETOUR PLAN PHASE II – DEMPSTER EAST

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: NTS	COOK	64	24
VERTICAL: NTS	STA.	TO STA.	
PROJECT NO. 11-3565-00			

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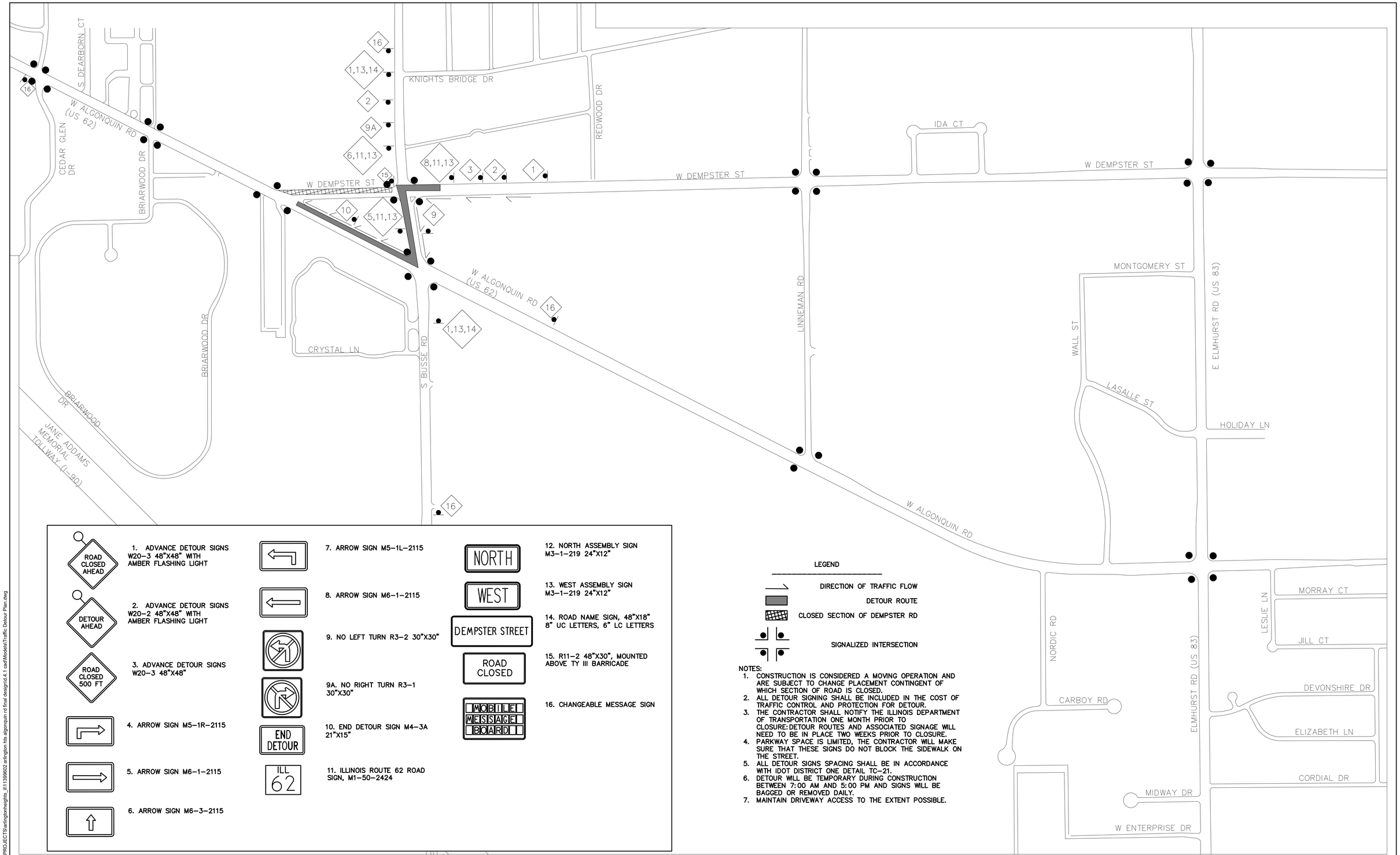

1. ADVANCE DETOUR SIGNS W20-3 48"X48" WITH AMBER FLASHING LIGHT

2. ADVANCE DETOUR SIGNS W20-2 48"X48" WITH AMBER FLASHING LIGHT

3. ADVANCE DETOUR SIGNS W20-3 48"X48"

4. ARROW SIGN M5-1R-2115

5. ARROW SIGN M6-1-2115

6. ARROW SIGN M6-3-2115

7. ARROW SIGN M5-1L-2115

8. ARROW SIGN M6-1-2115

9. NO LEFT TURN R3-2 30"X30"

9A. NO RIGHT TURN R3-1 30"X30"

10. END DETOUR SIGN M4-3A 21"X15"

11. ILLINOIS ROUTE 62 ROAD SIGN, M1-50-2424

12. NORTH ASSEMBLY SIGN M3-1-219 24"X12"

13. WEST ASSEMBLY SIGN M3-1-219 24"X12"

14. ROAD NAME SIGN, 48"X18" 8" UC LETTERS, 6" LC LETTERS

15. R11-2 48"X30", MOUNTED ABOVE TY III BARRICADE

16. CHANGEABLE MESSAGE SIGN

LEGEND

- DIRECTION OF TRAFFIC FLOW
- DETOUR ROUTE
- CLOSED SECTION OF DEMPSTER RD
- SIGNALIZED INTERSECTION

NOTES:
1. CONSTRUCTION IS CONSIDERED A MOVING OPERATION AND ARE SUBJECT TO CHANGE PLACEMENT CONTINGENT OF WHICH SECTION OF ROAD IS CLOSED.
2. ALL DETOUR SIGNING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR DETOUR.
3. THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ONE MONTH PRIOR TO CLOSURE: DETOUR ROUTES AND ASSOCIATED SIGNAGE WILL NEED TO BE IN PLACE TWO WEEKS PRIOR TO CLOSURE.
4. PARKWAY SPACE IS LIMITED, THE CONTRACTOR WILL MAKE SURE THAT THESE SIGNS DO NOT BLOCK THE SIDEWALK ON THE STREET.
5. ALL DETOUR SIGNS SPACING SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE DETAIL TC-21.
6. DETOUR WILL BE TEMPORARY DURING CONSTRUCTION BETWEEN 7:00 AM AND 5:00 PM AND SIGNS WILL BE BAGGED OR REMOVED DAILY.
7. MAINTAIN DRIVEWAY ACCESS TO THE EXTENT POSSIBLE.

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: MY	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

TRAFFIC DETOUR PLAN PHASE IV – DEMPSTER WEST

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL: NTS	COOK	64	25
VERTICAL: NTS	STA.	TO STA.	
PROJECT NO. 11-3565-00			

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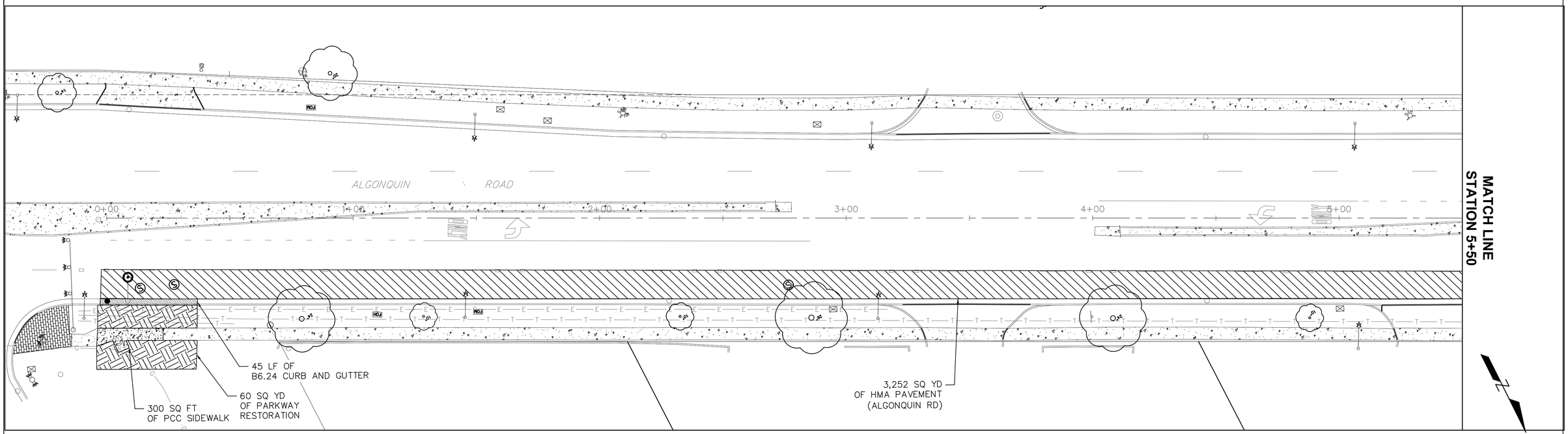

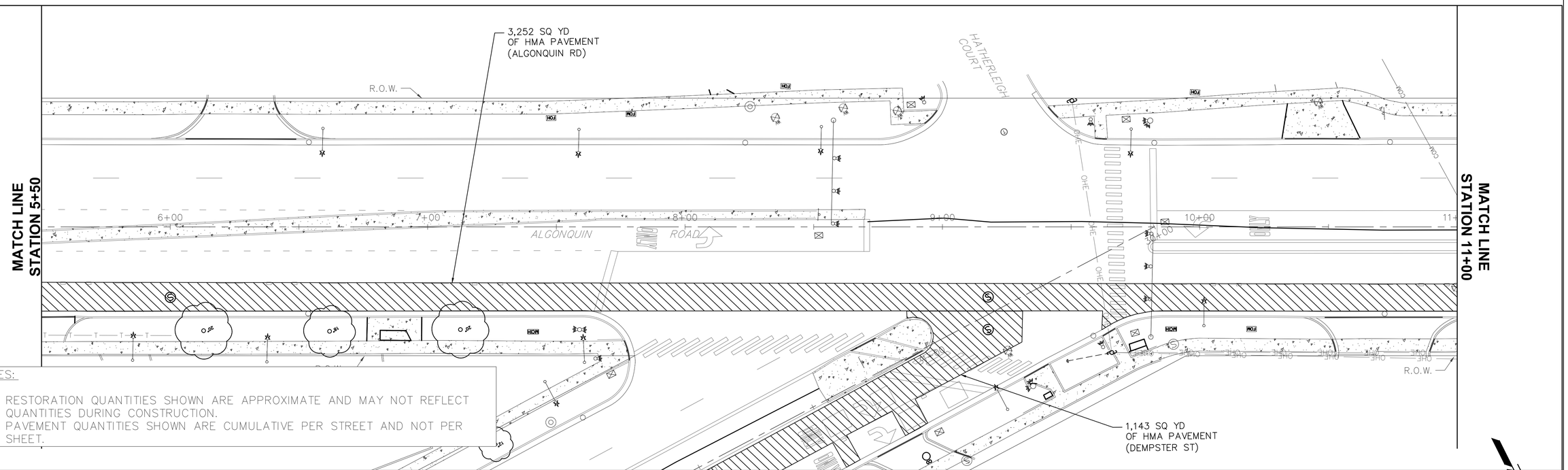

NOTES:

- RESTORATION QUANTITIES SHOWN ARE APPROXIMATE AND MAY NOT REFLECT QUANTITIES DURING CONSTRUCTION.
- PAVEMENT QUANTITIES SHOWN ARE CUMULATIVE PER STREET AND NOT PER SHEET.

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

RESTORATION SHEET

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	26
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

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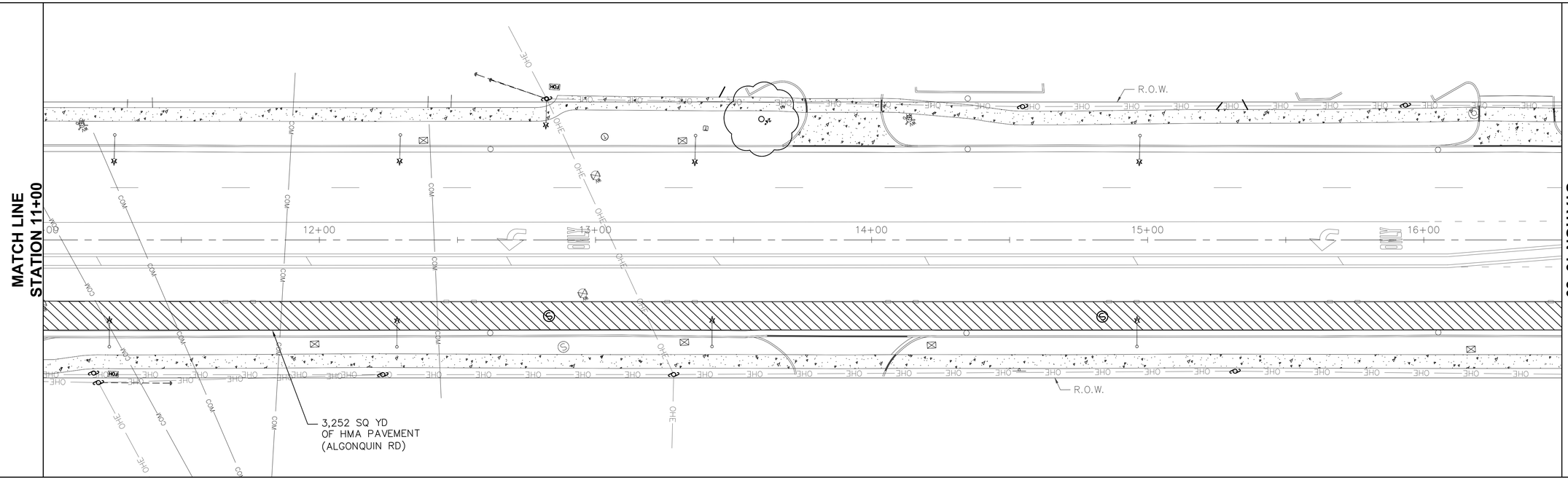

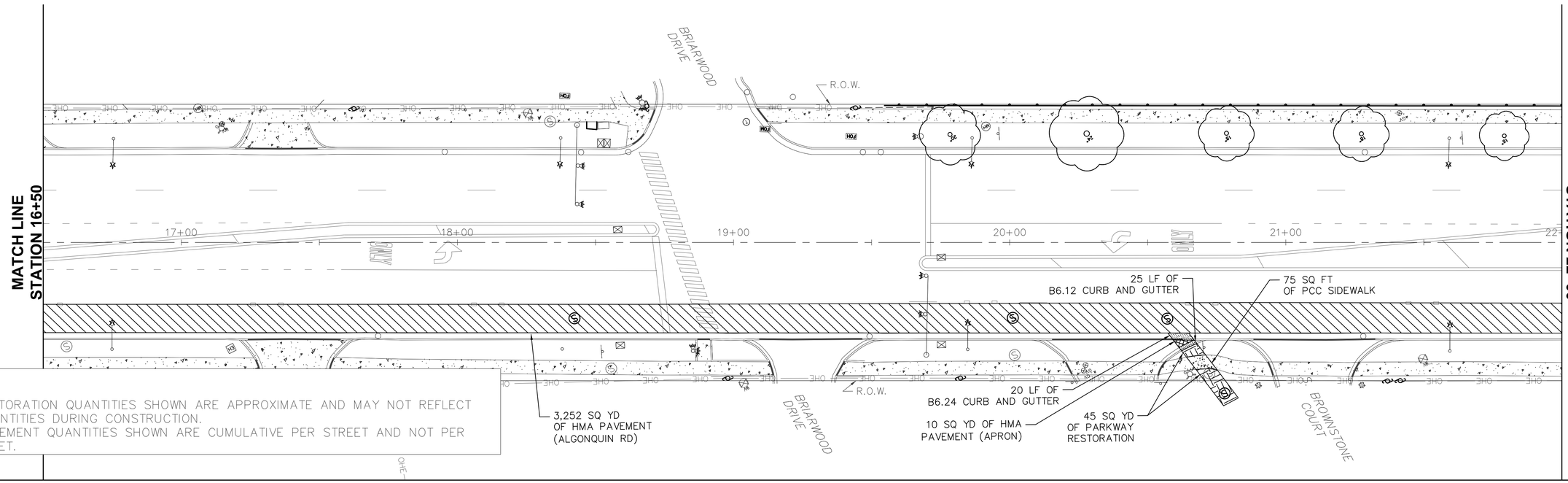

NOTES:

- RESTORATION QUANTITIES SHOWN ARE APPROXIMATE AND MAY NOT REFLECT QUANTITIES DURING CONSTRUCTION.
- PAVEMENT QUANTITIES SHOWN ARE CUMULATIVE PER STREET AND NOT PER SHEET.

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	RESTORATION SHEET (2)	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	27
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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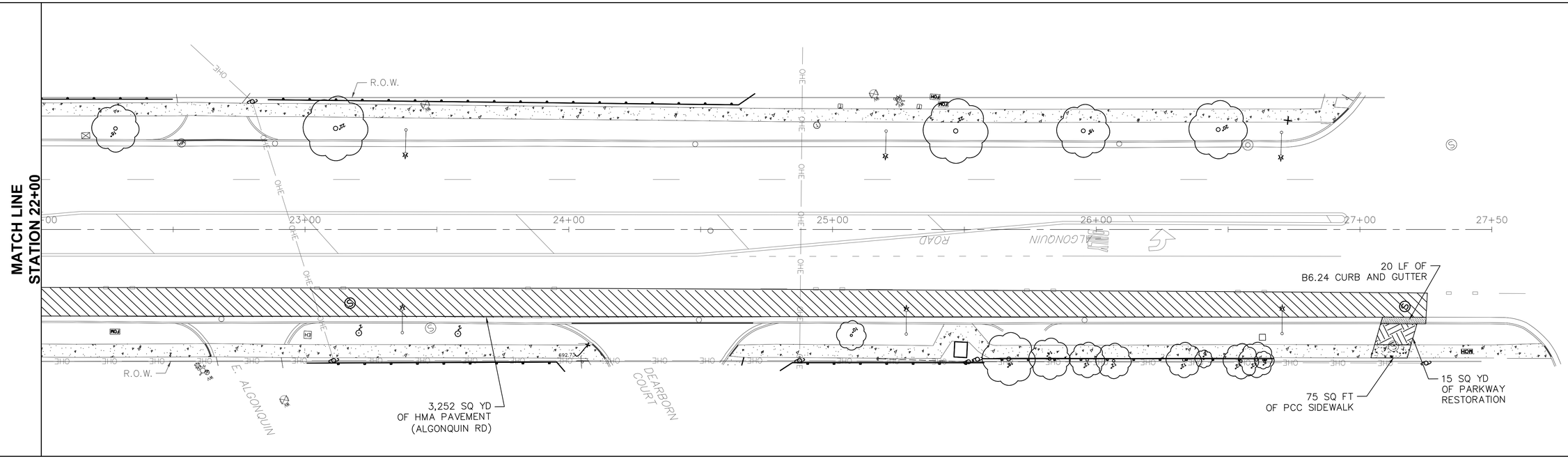

NOTES:

- RESTORATION QUANTITIES SHOWN ARE APPROXIMATE AND MAY NOT REFLECT QUANTITIES DURING CONSTRUCTION.
- PAVEMENT QUANTITIES SHOWN ARE CUMULATIVE PER STREET AND NOT PER SHEET.

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	RESTORATION SHEET (3)	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	28
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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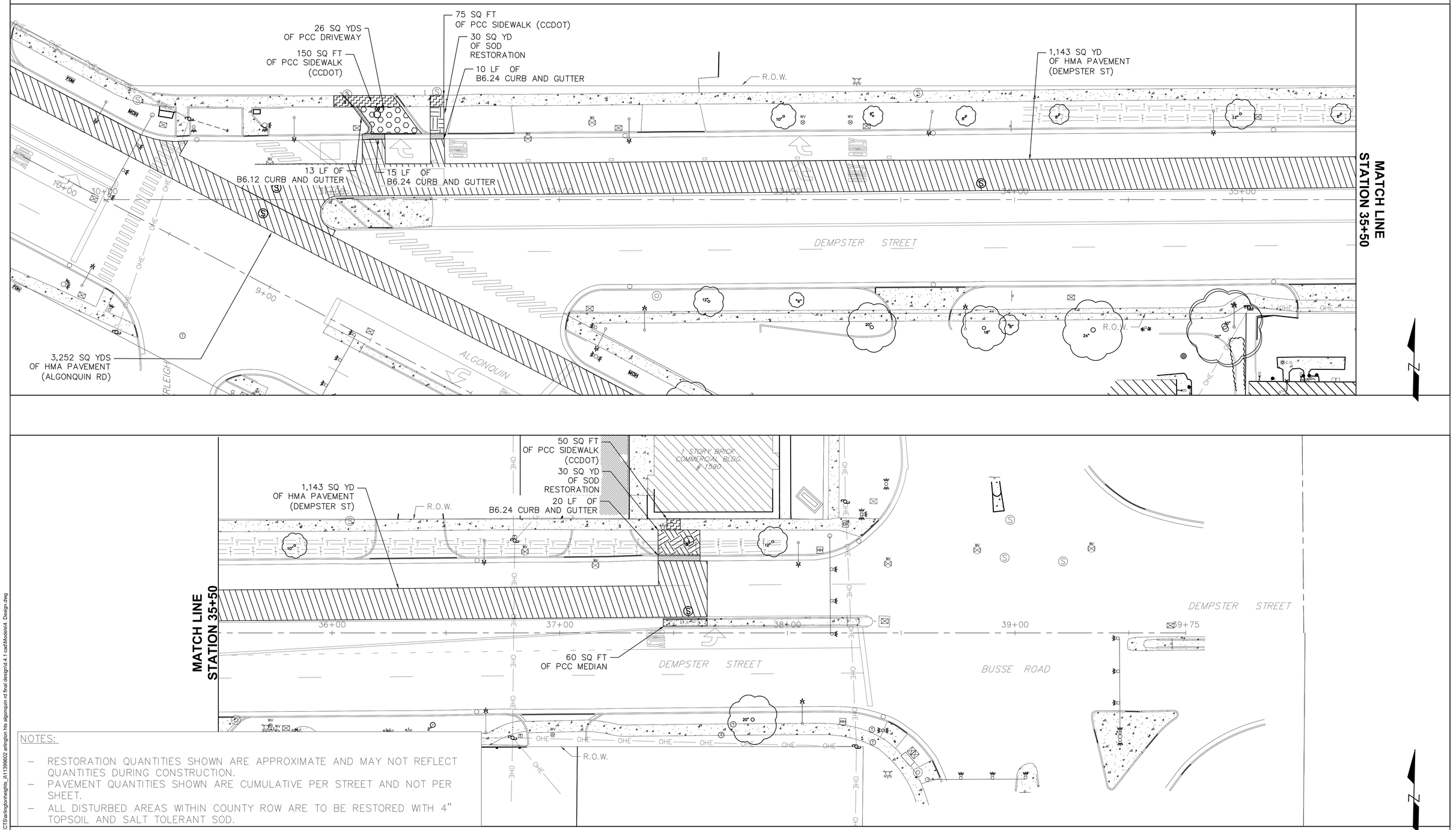

NOTES:

- RESTORATION QUANTITIES SHOWN ARE APPROXIMATE AND MAY NOT REFLECT QUANTITIES DURING CONSTRUCTION.
- PAVEMENT QUANTITIES SHOWN ARE CUMULATIVE PER STREET AND NOT PER SHEET.
- ALL DISTURBED AREAS WITHIN COUNTY ROW ARE TO BE RESTORED WITH 4" TOPSOIL AND SALT TOLERANT SOD.

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

RESTORATION SHEET (4)

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	29
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

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PAVEMENT MARKINGS LEGEND:

① 4" WHITE SKIP – DASH LINE (10' LINE – 30' SPACING)

② 6" WHITE LINE CROSSWALK (6' C/C)

③ 24" WHITE STOP BAR

④ WHITE LETTERS & SYMBOLS

⑤ 12" WHITE DIAGONAL LINE

⑥ 6" WHITE LANE LINE

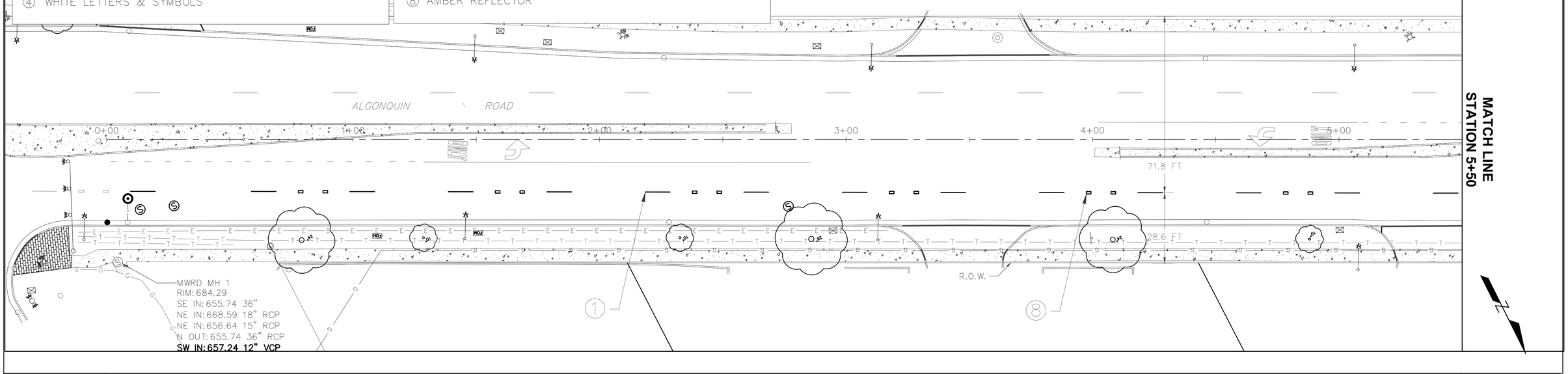
⑦ TRAFFIC DETECTOR LOOP

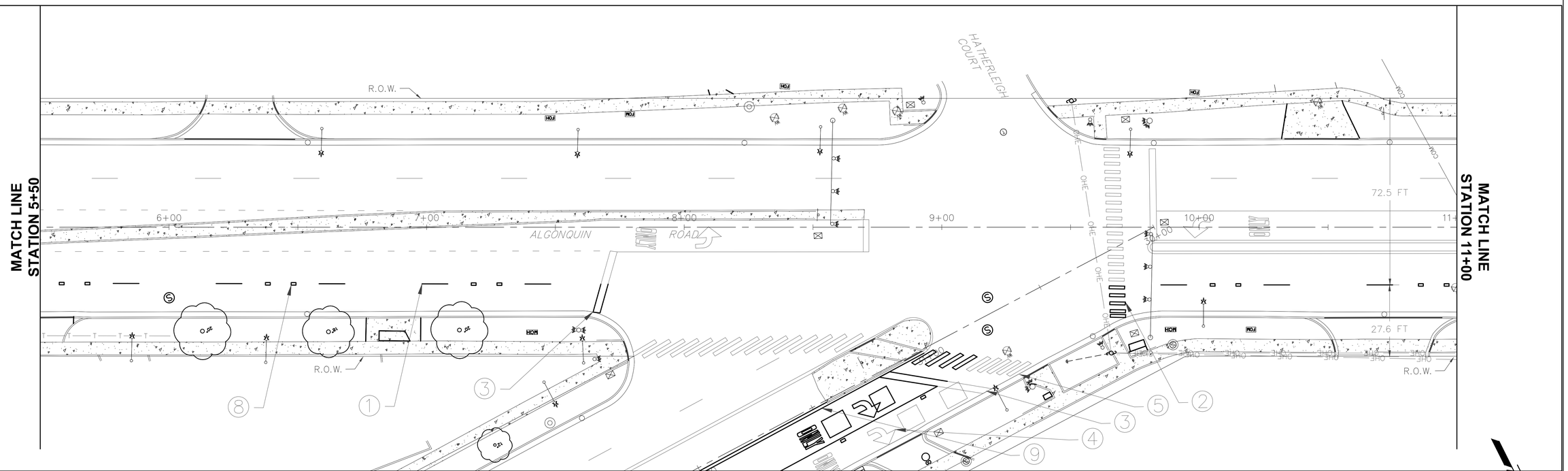
⑧ AMBER REFLECTOR

⑨ 4" DOUBLE YELLOW LINE

NOTES:

– PAVEMENT AND STRIPING RESTORATION SHALL ADHERE TO IDOT/CCDOTH STANDARDS.





	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	STRIPING RESTORATION	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	30
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11–3996–02			

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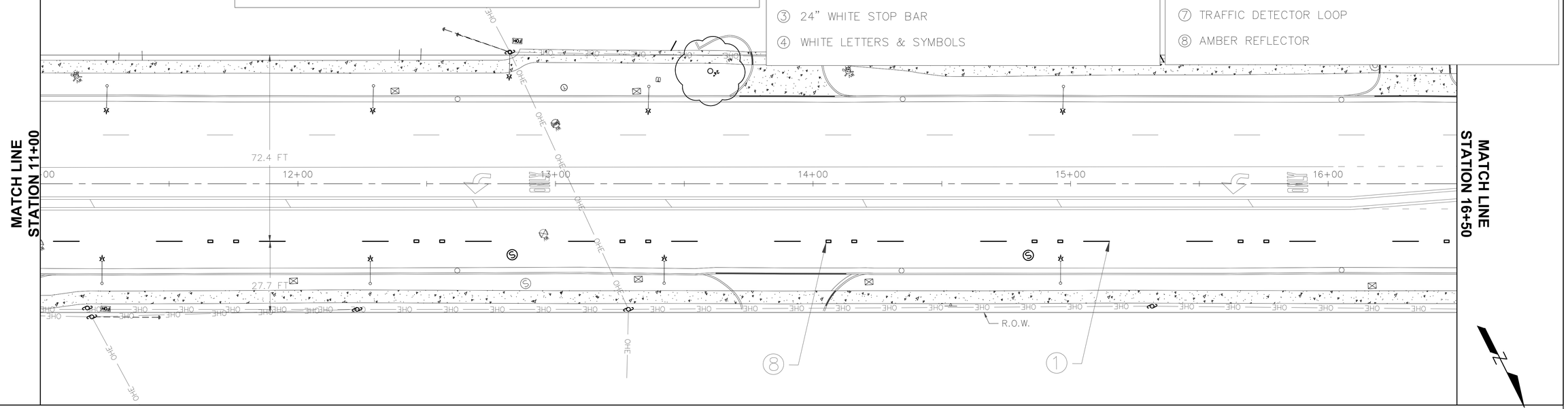
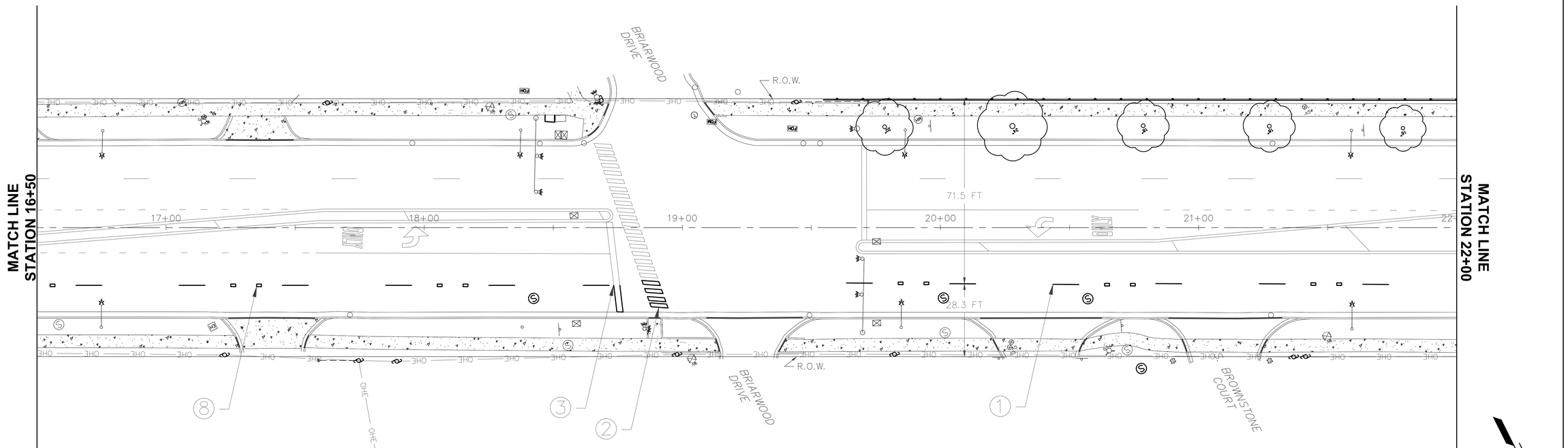
NOTES:

- PAVEMENT AND STRIPING RESTORATION SHALL ADHERE TO IDOT/CCDOTH STANDARDS.

PAVEMENT MARKINGS LEGEND:

① 4" WHITE SKIP – DASH LINE (10' LINE – 30' SPACING)
② 6" WHITE LINE CROSSWALK (6' C/C)
③ 24" WHITE STOP BAR
④ WHITE LETTERS & SYMBOLS
⑤ 12" WHITE DIAGONAL LINE
⑥ 6" WHITE LANE LINE
⑦ TRAFFIC DETECTOR LOOP
⑧ AMBER REFLECTOR
⑨ 4" DOUBLE YELLOW LINE





	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	STRIPING RESTORATION 2	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	31
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11–3996–02			

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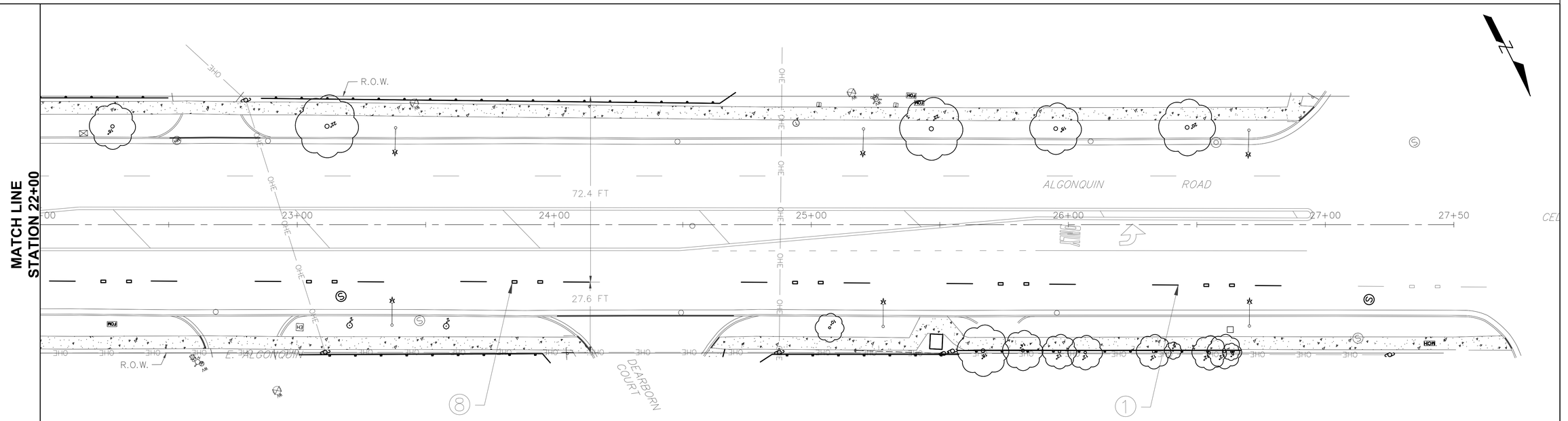

NOTES:

– PAVEMENT AND STRIPING RESTORATION SHALL ADHERE TO IDOT/CCDOTH STANDARDS.

PAVEMENT MARKINGS LEGEND:

① 4" WHITE SKIP – DASH LINE (10' LINE – 30' SPACING)

② 6" WHITE LINE CROSSWALK (6' C/C)

③ 24" WHITE STOP BAR

④ WHITE LETTERS & SYMBOLS

⑤ 12" WHITE DIAGONAL LINE

⑥ 6" WHITE LANE LINE

⑦ TRAFFIC DETECTOR LOOP

⑧ AMBER REFLECTOR

⑨ 4" DOUBLE YELLOW LINE

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	STRIPING RESTORATION 3	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	32
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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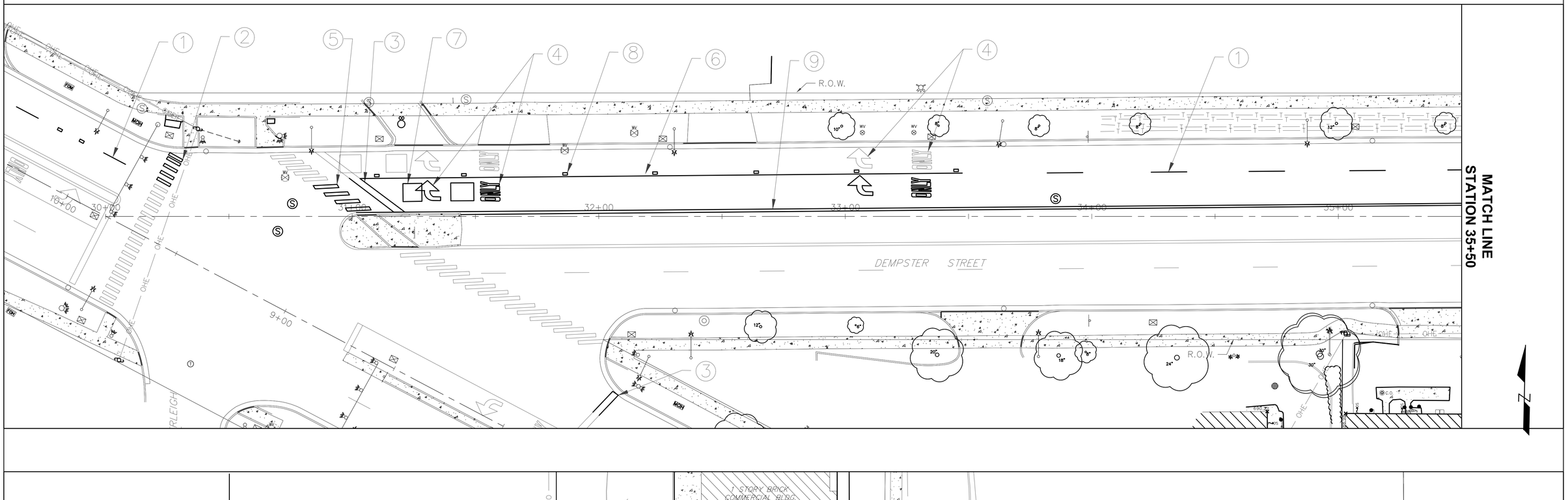

PAVEMENT MARKINGS LEGEND:

① 4" WHITE SKIP – DASH LINE (10' LINE – 30' SPACING)

② 6" WHITE LINE CROSSWALK (6' C/C)

③ 24" WHITE STOP BAR

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⑥ 6" WHITE LANE LINE

⑦ TRAFFIC DETECTOR LOOP

⑧ AMBER REFLECTOR

⑨ 4" DOUBLE YELLOW LINE

NOTES:

– PAVEMENT AND STRIPING RESTORATION SHALL ADHERE TO IDOT/CCDOTH STANDARDS.

DESIGNED: BP		
DRAWN: AI		
CHECKED: YG		
DATE: APRIL 2025		

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

STRIPING RESTORATION 4

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	33
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

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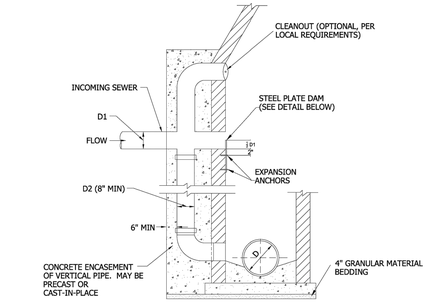
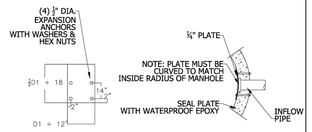


NOTES:
1. REQUIRED FOR 2FT. OR GREATER DROP TO SANITARY OR COMBINED SEWER.
2. MINIMUM WALL THICKNESS IS 6" FOR CAST IN PLACE CONCRETE STRUCTURES AND 1/12 MANHOLE DIAMETER FOR PRECAST CONCRETE STRUCTURES.
3. CONCRETE FOR ENCASEMENT SHALL BE 4,000 PSI @ 28 DAYS.
4. FORCEMAIN FLOW NOT ALLOWED AS INCOMING SEWER, SEE FORCEMAIN DISCHARGE DETAIL.

DIAMETER (INCHES)	
D1	D2
6	8
8	8
10	8
12	8
15	10
18	12
21	15
24	18

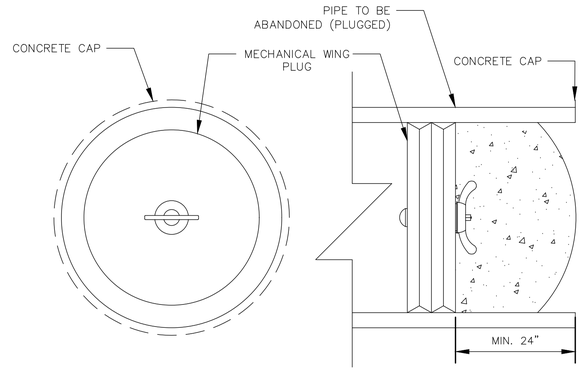


STEEL PLATE DAM

NOTES:
1. PLATE AND FASTENERS MUST BE FABRICATED IN STAINLESS STEEL, DUCTILE IRON, OR EQUIVALENT WATERPROOF/WEATHER PROOF MATERIALS.
2. BOLTS TACK WELDED TO PLATE.
3. ANCHOR EMBEDMENT: 3" MIN.

NOT TO SCALE

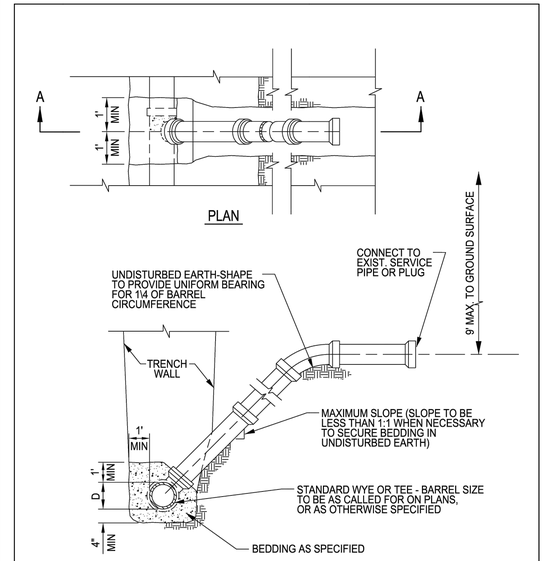
TECHNICAL GUIDANCE MANUAL	7/1/15
TYPICAL DROP MANHOLE CONNECTION	STD. DWG. NO.33
	PAGE NO. 34



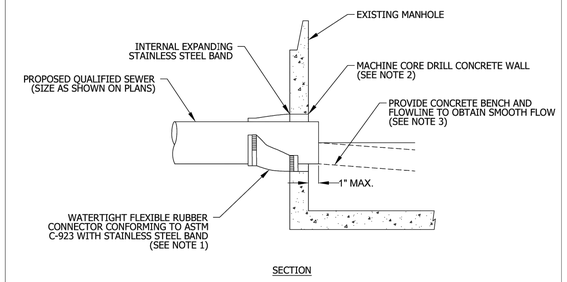
NOTE:

1. PIPES TO BE PLUGGED AND ABANDONED ARE TO BE CLEARED OF ANY DEBRIS PRIOR TO ABANDONMENT.
2. MECHANICAL WING PLUG TO BE INSERTED A MIN. OF 24 INCHES OR THE DIAMETER OF THE PIPE, WHICHEVER IS GREATER.
3. A CONCRETE CAP IS TO BE PLACED ON THE ABANDONED PIPE AFTER THE MECHANICAL WING PLUG HAS BEEN PROPERLY INSTALLED.
4. THE MECHANICAL WING PLUG MUST BE PRESSURE RATED GREATER THAN THE HEAD PRESSURE OF THE DEPTH OF THE PIPE.
5. BRICK AND MORTAR PLUGS WILL NOT BE ACCEPTABLE IN LIEU OF CONCRETE.

TEMPORARY PIPE PLUG DETAIL
NTS



TECHNICAL GUIDANCE MANUAL	7/1/15
TYPICAL RISER SANITARY SERVICE LATERAL	STD. DWG. NO.38
	PAGE NO. 39

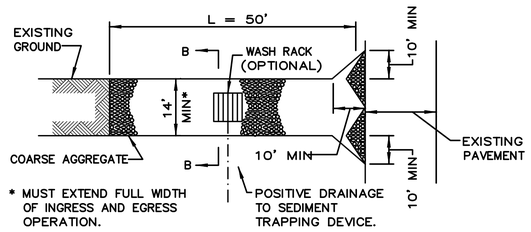


SECTION

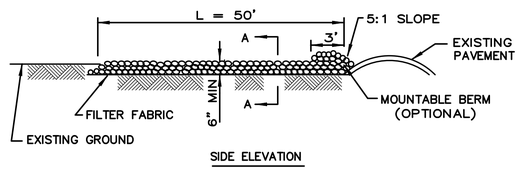
NOTES:
1. RESILIENT CONNECTOR COMPLYING WITH ASTM STANDARD C-923 (MOST RECENT EDITION) SHALL BE USED.
2. MACHINE CORE/DRILL CIRCULAR OPENING IN STRUCTURE WALL. OPENING DIAMETER TO FIT THE REQUIRED RESILIENT CONNECTOR PER MANUFACTURER'S RECOMMENDATION.
3. CUT, SHAPE, AND SLOPE NEW INVERT CHANNEL IN THE EXISTING CONCRETE BENCH FOR SMOOTH FLOW.
4. CLEAN EXISTING STRUCTURE AND SEWER PIPE OF ANY DIRT, CONCRETE, OR DEBRIS WHICH MAY ACCUMULATE DURING THE CONSTRUCTION PROCESS.
5. ANY DAMAGE TO THE EXISTING MANHOLE SHALL BE REPAIRED BY THE CONTRACTOR.
6. REINFORCED CONCRETE COLLAR MAY BE SUBSTITUTED FOR PIPE DIAMETERS LARGER THAN 36-INCHES.

NOT TO SCALE

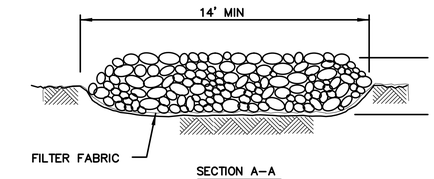
TECHNICAL GUIDANCE MANUAL	10/02/18
PIPE TO EXISTING MANHOLE CONNECTION DETAIL	STD. DWG. NO. 42
	PAGE NO. 43



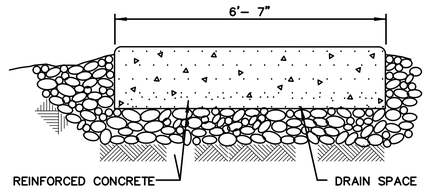
PLAN VIEW



SIDE ELEVATION



SECTION A–A



SECTION B–B

NOTES:
1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 1 OR 2, CLASS I,II OR IV AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
2. ROCK OR RECLAIMED CONCRETE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATION, CA–1, CA–2, CA–3 OR CA–4 AND BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCKFILL USING PLACEMENT METHOD 1 AND CLASS III COMPACTION.
3. ANY DRAINAGE FACILITIES REQ'D BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.
4. IF WASH RACKS ARE USED THEY SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

STABILIZED CONSTRUCTION ENTRANCE
NTS

	DESIGNED: BP			rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI						HORIZONTAL:	COOK	64	34
	CHECKED: YG						VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025						PROJECT NO. 11–3996–02			

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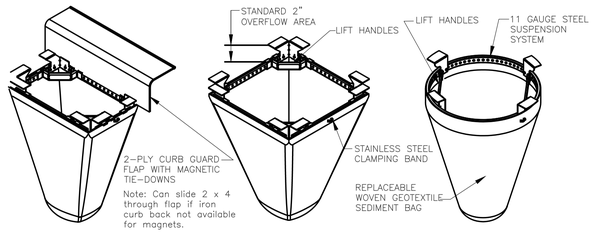


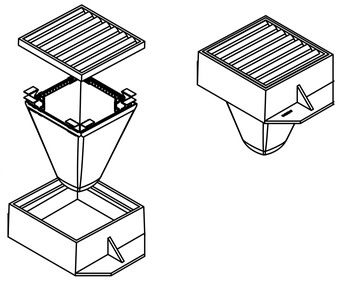
TYPICAL CURB BOX INLET FILTER

TYPICAL FLAT/RECTANGULAR/ROLLED CURB INLET FILTER

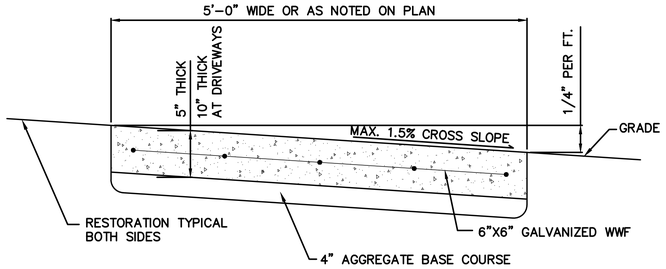
TYPICAL ROUND INLET FILTER

MATERIALS:
1. FRAMING – 11 GAUGE STEEL; CORROSION RESISTANT
2. SEDIMENT BAG – WOVEN GEOTEXTILE (TYPE FF OR APPROVED ALTERNATE); 2 CUBIC FT TYP VOLUME; STAINLESS STEEL LOCKING BAND SECURING BAG TO FRAME

INSTALLATION:
1. REMOVE GRATE
2. DROP INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE



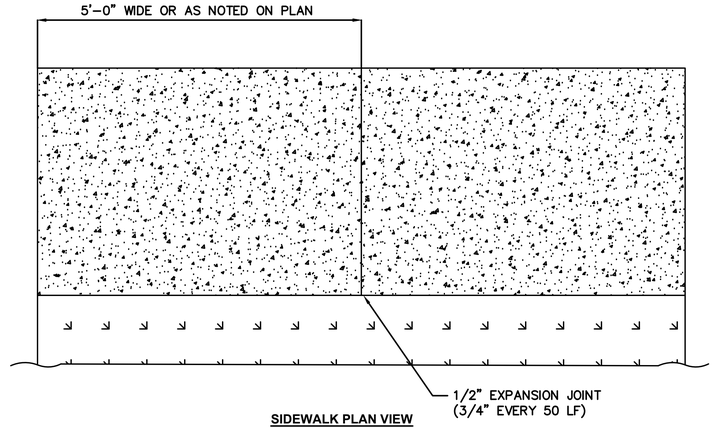
STORM DRAIN INLET PROTECTION



SIDEWALK CROSS SECTION

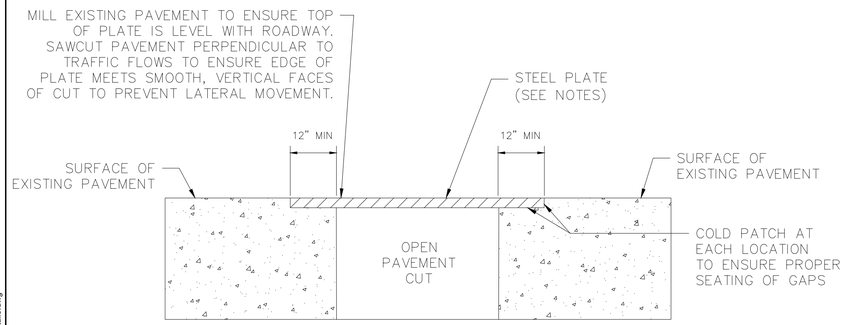
NOTES

1. CONCRETE TO BE IDOT CLASS "SI" 3500 PSI 6 BAG, 6 GAL./BAG, 6% AIR.
2. SURFACE TO BE A LIGHT BROOM FINISH, WITH 1/2" CONTRACTION JOINTS 5'-0" ON CENTER.
3. ASPHALTIC FELT EXPANSION JOINTS SHALL BE PROVIDED 30'-0" ON CENTER, MAX AND AT BACK OF CURB, CHANGE IN DIRECTION, SIDEWALK INTERSECTION, UTILITY APPURTENANCE OR FACE OR STRUCTURE.
4. PROVIDE GALVANIZED WELDED WIRE FABRIC, 6"X6" AT MIDPOINT OF CONCRETE DEPTH.



SIDEWALK PLAN VIEW

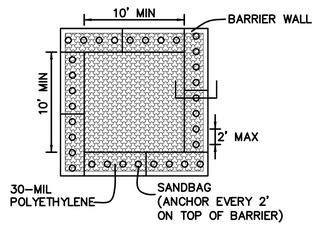
SIDEWALK REPLACEMENT DETAIL
NTS



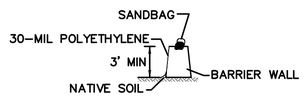
STEEL PLATE DETAIL METHOD 1
(NOVEMBER 1 – APRIL 15 WITHIN WINTER MORATORIUM AND/OR GREATER THAN 40 MPH)
NOT TO SCALE

NOTES

1. THE PAVEMENT SHALL BE SAW CUT TO A DEPTH EQUAL TO THE THICKNESS OF THE PLATE AND TO A WIDTH AND LENGTH EQUAL TO THE DIMENSIONS OF THE PLATE.
2. THE STEEL PLATE IS TO BE A-36 GRADE STEEL AND A MINIMUM OF 1" THICK.
3. STEEL PLATE SYSTEM SHALL MEET OR EXCEED TRAFFIC LOAD.
4. STEEL PLATE INSTALLED SHALL HAVE A MAXIMUM ONE INCH DEFLECTION, STEEL PLATES SHALL BE WELDED TOGETHER BY A LICENSED WELDER.
5. STEEL PLATE BRIDGING IS NOT ALLOWED ON EXPRESSWAYS/FREEWAYS.
6. STEEL PLATE AHEAD (W0-24) AND BUMP (W08-A) SIGNS SHALL BE INSTALLED.
7. SPEED LIMIT (R2-1) AND WORK ZONE (G020-5aP) SIGNS MAY BE USED TO FURTHER REDUCE SPEED THROUGH THE UTILITY TRENCH AREA.
8. REFERENCE MUTCD TABLE 6H-3 FOR SIGN SPACING GUIDANCE.

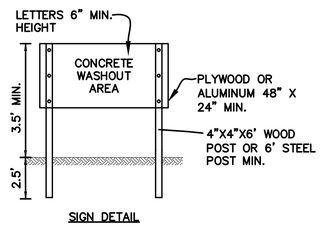


PLAN VIEW



SANDBAG ANCHOR

BARRIER WALL ANCHOR SECTION

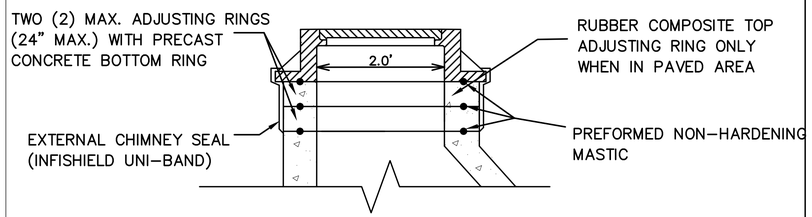


SIGN DETAIL

NOTES:

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEND CONCRETE AND/OR SLURRY AND RETURNING THE FACILIITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL
NTS



NOTES:
1. WHEN ADJUSTED IN PAVEMENT, AT LEAST ONE RUBBER COMPOSITE RING, INSTALLED DIRECTLY BELOW THE FRAME, WITH A MINIMUM THICKNESS OF 2" AND MAXIMUM OF 3", SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS SHOWN ON THE STANDARD DETAILS. TAPERED RUBBER RING WILL BE PERMITTED.
2. PREFORMED NON-HARDENING MASTIC SHALL BE USED BETWEEN THE CONCRETE RING AND THE RUBBER RING, AND THE RUBBER RING AND THE FRAME.
3. EXTERNAL CHIMNEY SEAL SHALL BE INFISHIELD, OR APPROVED EQUAL.
4. NEW FRAME AND COVER SHALL BE FURNISHED IN ACCORDANCE WITH THE FOLLOWING:
   4.1. MANHOLES SHALL BE FURNISHED WITH TYPE 1 FRAMES AND CLOSED COVERS, WHICH SHALL BE IN ACCORDANCE TO THEIR CORRESPONDING TECHNICAL SPECIFICATIONS.

NEW FRAME OR FRAME ADJUSTMENT
NTS

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

DETAILS

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	35
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

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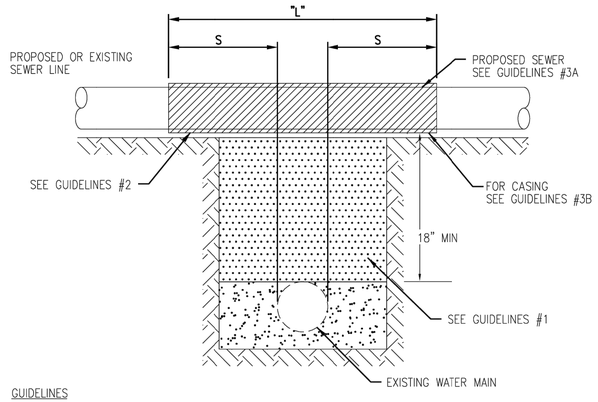
PROPOSED SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION ABOVE EXISTING WATER MAIN



GUIDELINES

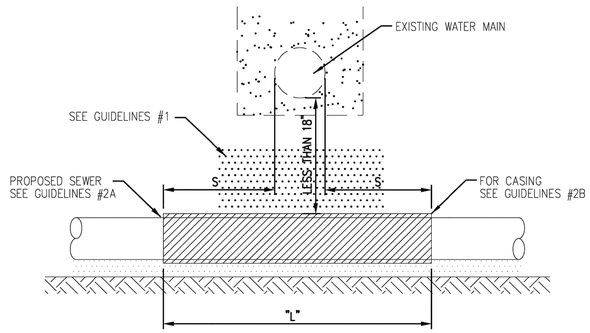
1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT
2. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
3. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;

   B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION



GUIDELINES

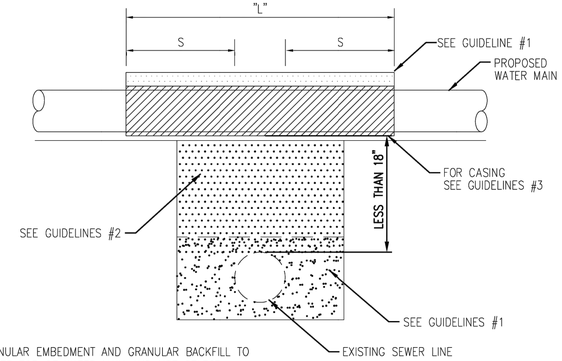
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.
2. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;

   B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPARATION



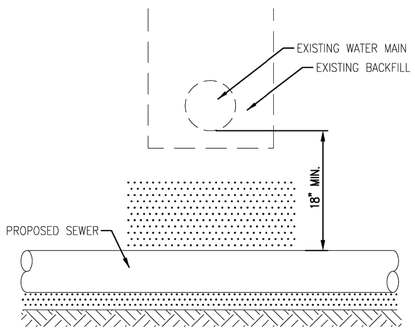
GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM VERTICAL SEPARATION

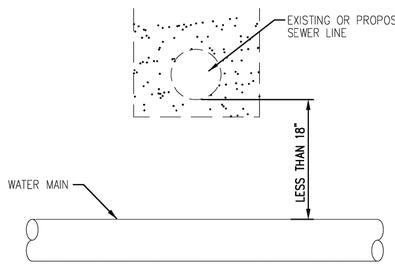


GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PLACEMENT OF WATER MAIN BELOW EXISTING OR PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION. **NOT ALLOWED.**



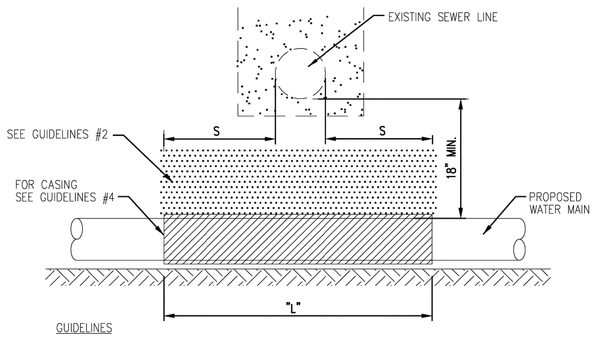
NOT ALLOWED*
MUST MAINTAIN 18" VERTICAL SEPARATION

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE

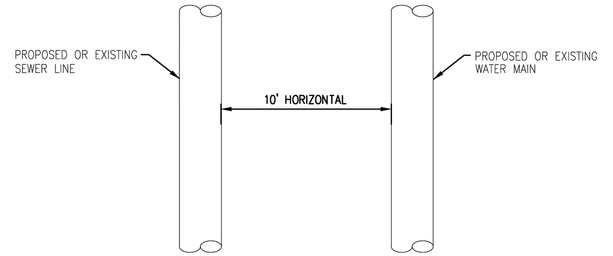
*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



GUIDELINES

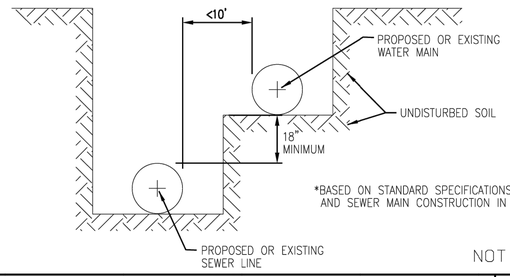
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED



PLAN VIEW

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED **LESS THAN 10 FEET** FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY



*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL

7/1/15

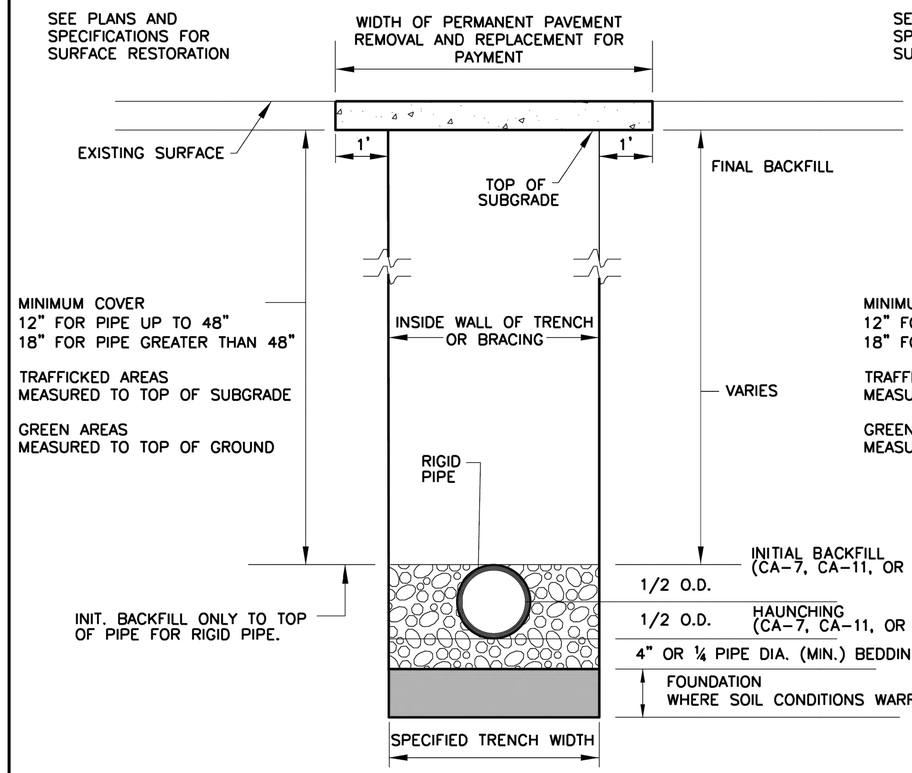
WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA)

STD. DWG. NO. 41

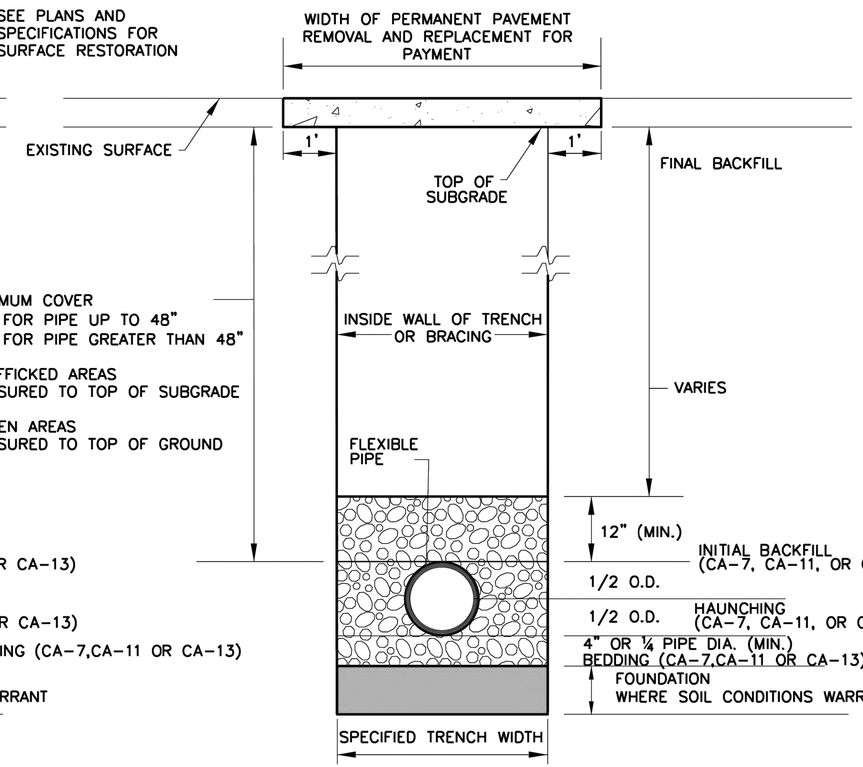
PAGE NO. 42

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	36
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

\\office-1100\share\WHEATON\PROJECTS\arlingtonheights_il\11399602 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg



RIGID PIPE INSTALLATION DETAIL



FLEXIBLE PIPE INSTALLATION DETAIL

NOTES:
1. FOR QUALIFIED SEWER CONSTRUCTION ONLY.
2. SHORING, OR EQUIVALENT PROTECTIVE SYSTEM, REQUIRED FOR TRENCHES OF 5' DEPTH OR GREATER, OR AS REQUIRED BY MUNICIPALITY.

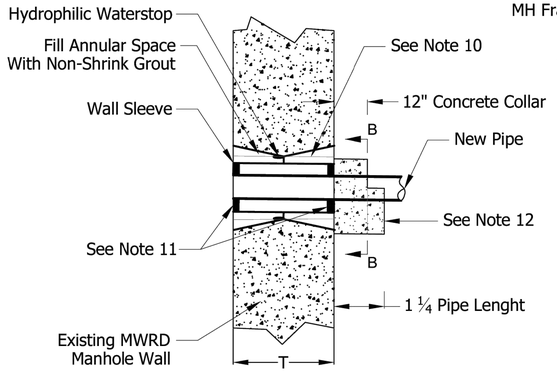
NOT TO SCALE

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO	TECHNICAL GUIDANCE MANUAL	7/1/15
	RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL	STD. DWG. NO. 34
		PAGE NO. 35

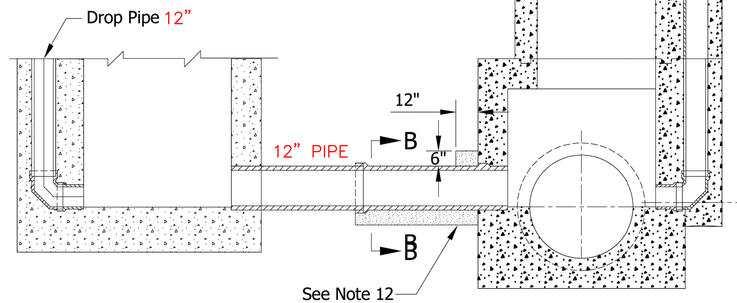
	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	37
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

\\office-1100\shared\WHEATON\PROJECTS\arlingtonheights_jh\11396602 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg

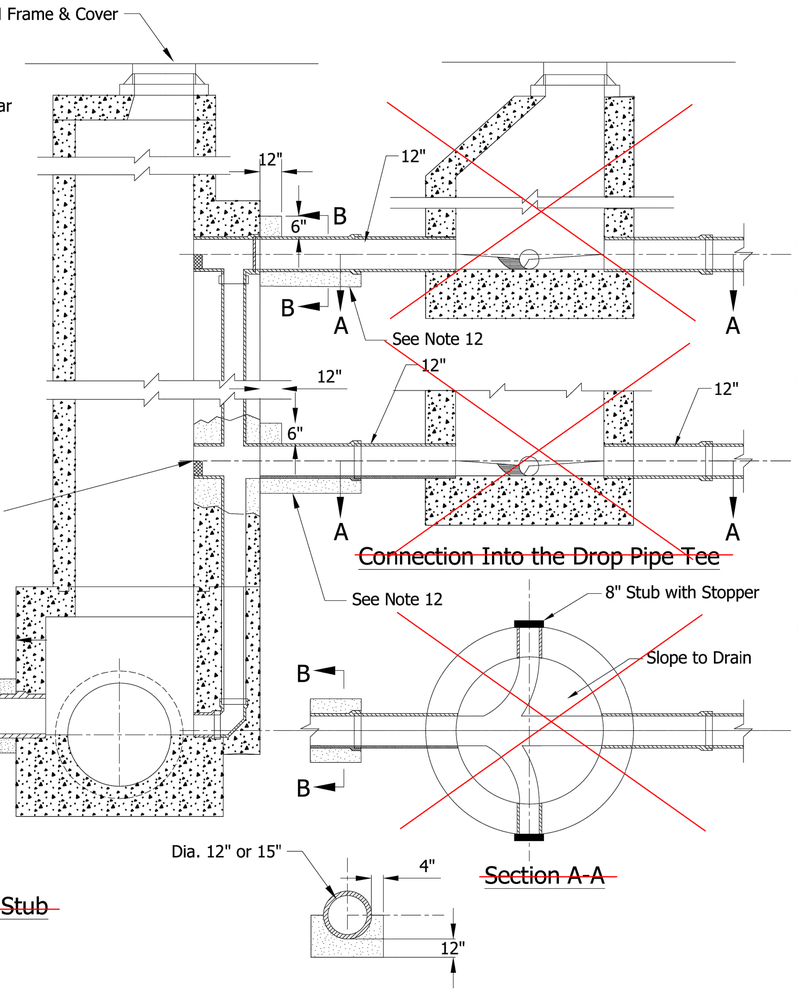
Detailed plans drawn to scale with approriate notes, must be included with the permit application.



Connection Directly to Manhole without Stub



Connection to Manhole ~~with Stub~~



~~Connection Into the Drop Pipe Tee~~

~~Connection Into the Drop Pipe Tee~~

~~Section A-A~~

Section B-B

NOTES:
1. A MANHOLE SHALL BE APROVIDED ON THE LOCAL SEWER ADJACENT TO THE DISTRICT MANHOLE AND WITHIN THE ROW PARALLEL TO THE DISTRICT INTERCEPTOR. CLEAR SPACE BETWEEN MANHOLES SHALL NOT BE LESS THAN 3 FEET AND MORE THAN 10 FEET. CONNECTIONS WILL NOT BE PERMITTED AT LOCATIONS WHERE EXISTING DISTRICT MANHOLES ARE NOT PROVIDED. MANHOLE SHALL HAVE A MINIMUM DIAMETER OF 48 INCH. DROP MANHOLES SHALL BE PROVIDED WHERE NEEDED. TWO BULKHEADED STUBS OF MINIMUM 8-INCH DIAMETER SHALL BE PROVIDED.
2. CONNECTION SEWER SHALL BE EXTRA STRENTH VITRIFIED CLAY PIPE OF THE SAME SIZE AS EXISTING TEE OR STUB. CONNECTION PIPE SHALL BE PROVIDED WITH CONCRETE COLLAR AT THE DISTRICT MANHOLE, AND A CONCRETE CRADLE FOR AT LEAST 1 1/4 PIPE LENGTH, AS SHOWN. STRUCTURAL GRADE CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI SHALL BE USED.
3. WHEN MAKING A CONNECTION TO A DISTRICT MANHOLE WHERE A STUB IS NOT PROVIDED, A HOLE SHALL BE CORE-DRILLED AT THE SPRINGLINE. HOLE DIAMETER SHALL BE NO MORE THAN ONE INCH LARGER THAN THE OUTSIDE DIAMETER OF CONNECTING PIPE. NON-SHRINK GROUT SHALL BE USED TO FILL ANNULAR SPACE BETWEEN PIPE AND HOLE.
4. FOR CONNECTIONS TO A DISTRICT DROP PIPE BELOW THE STUB, A VITRIFIED CLAY PIPE CROSS SHALL BE USED AND JOINED WITH EXISTING DROP PIPE, WITH PIPE STUBS AND COLLARS TO FORM A WATERTIGHT JOINT. CONNECTION RUN OF ACROSS SHALL BE NO MORE THAN TWO NOMINAL PIPE SIZES LARGER THAN DROP PIPE.
5. ANY DEBRIS ENTERING MANHOLE DURING CONSTRUCTION SHALL BE REMOVED IMMEDIATELY. ANY MANHOLE STEPS THAT ARE DAMAGES SHALL BE REPLACED.
6. ALL ELEVATIONS SHALL BE CLEARLY MARKED. "RECORD" ELEVATIONS OF DISTRICT FACILITIES MAY BE USED BUT FIELD SURVEY IS RECOMMENDED FOR CRITICAL ELEVATIONS.
7. DURING CONSTRUCTION OF PROPOSED CONNECTION, MANHOLE SHALL BE SUPPORTED ACCORDING TO DETAILS PREPARED, SIGNED, AND SEALED BY A LICENSED STRUCTURAL ENGINEER.
8. DOWELLS SHALL BE USED TO CONNECT CONCRETE COLLAR AND CRADLE TO THE MANHOLE.
9. THESE CONNECTION DETAILS SHALL BE USED FOR SEWERS UP TO A 15-INCH DIAMETER. CONNECTION DETAILS FOR LARGER SEWERS SHALL BE PREPARED BASED ON SITE CONDITIONS AND CONFIGURATION OF EXISTING MANHOLE/STRUCTURE.
10. CORE FOR WALL SLEEVE, THEN CHIP BACK AT BOTH FACES TO FORM A NATURAL KEY. LEAVE REBAR STUBS INTACT IF POSSIBLE.
11. WHERE T ≥ 10", INSTALL TWO SETS OF MODULAR CASING SEALS BETWEEN NEW PIPE AND WALL SLEEVE, AS SHOWN. WHERE T < 10", INSTALL ONE MODULAR CASING SEAL, AT THE CENTER OF THE WALL.
12. SEE STANDARD DRAWING NO. 30 FOR ADDITIONAL DETAIL ON CONCRETE CRADLE.
13. EXISTING DROP CONNECTION TO REMAIN.

INSTRUCTIONS FOR USE:
1. SELECT THE METHOD OF CONNECTION.
2. PROVIDE ALL CRITICAL INVERTS ELEVATIONS.
3. CROSS OUT ALL CONNECTION TYPES THAT ARE NOT APPLICABLE AND CLEARLY HIGHLIGTH STRUCTURE ON PLANS THAT REFER TO THIS DETAIL.

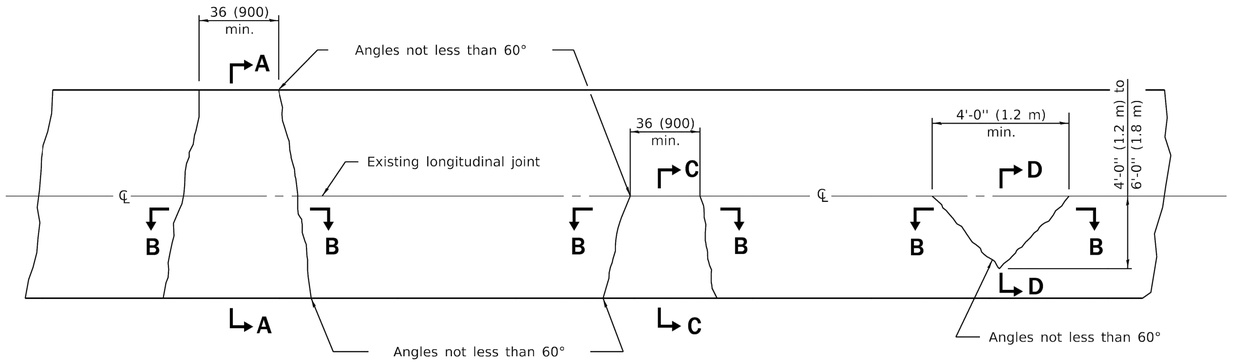
NOT TO SCALE

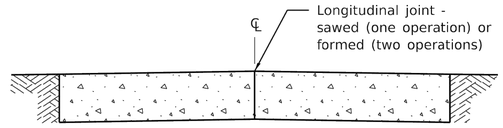
	TECHNICAL GUIDANCE MANUAL	1/31/19
	METHODS OF CONNECTING TO MWRD MANHOLES	STD. DWG. NO.37
		PAGE NO. 38

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64 / 38
	CHECKED: YG					VERTICAL:	STA.	TO STA.
	DATE: APRIL 2025					PROJECT NO. 11-3996-02		

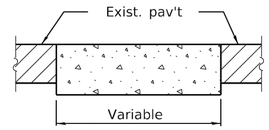
\\office-1100\share\WHEATON\PROJECTS\arlingtonheights_il\113996\02 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg

CLASS C

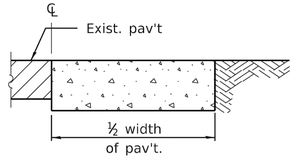




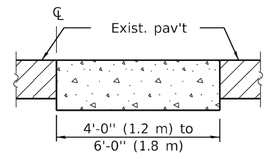
SECTION A-A



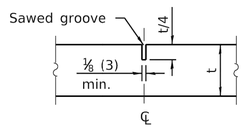
SECTION B-B



SECTION C-C



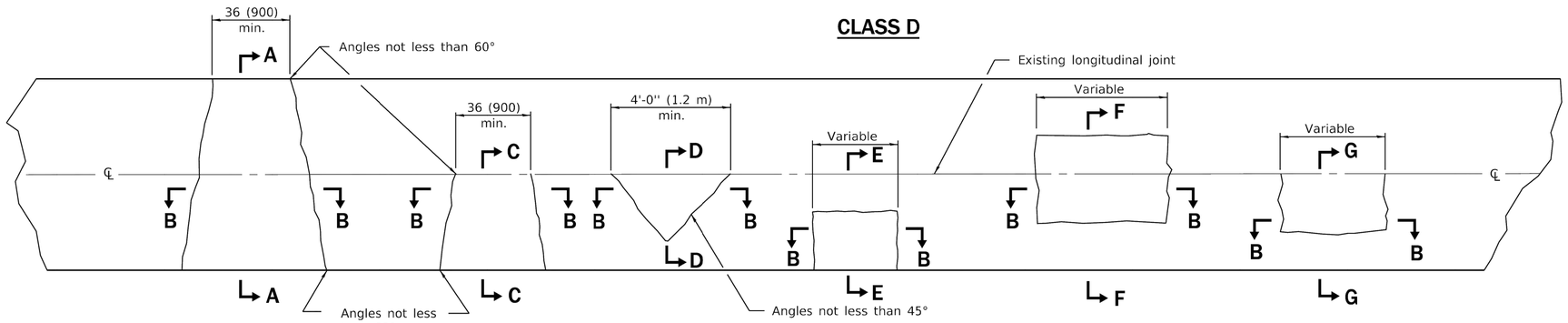
SECTION D-D

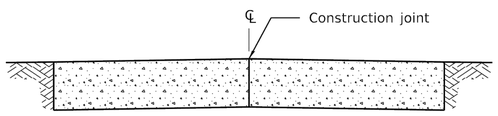


DETAIL OF SAWED CONTRACTION JOINT

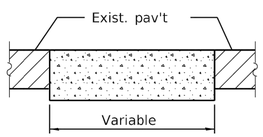
Note:
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.

CLASS D

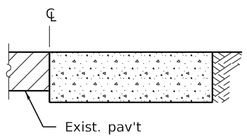




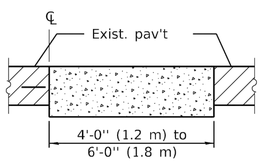
SECTION A-A
(Built in two operations)



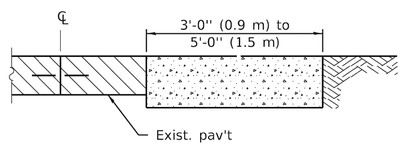
SECTION B-B



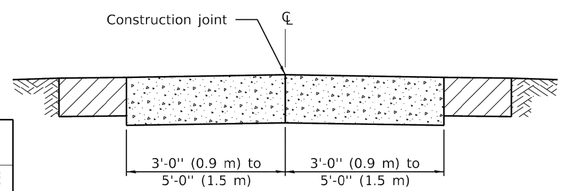
SECTION C-C



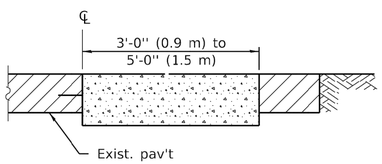
SECTION D-D



SECTION E-E



SECTION F-F
(Built in two operations)



SECTION G-G

GENERAL NOTES

Existing tie bars shall be either cut or removed. Marginal bars shall be cut.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2008
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2008
ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

DATE	REVISIONS
1-1-08	Switched units to
	English (metric).
1-1-07	Revised Note for
	Class C patches.

CLASS C and D PATCHES

STANDARD 442201-03

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	39
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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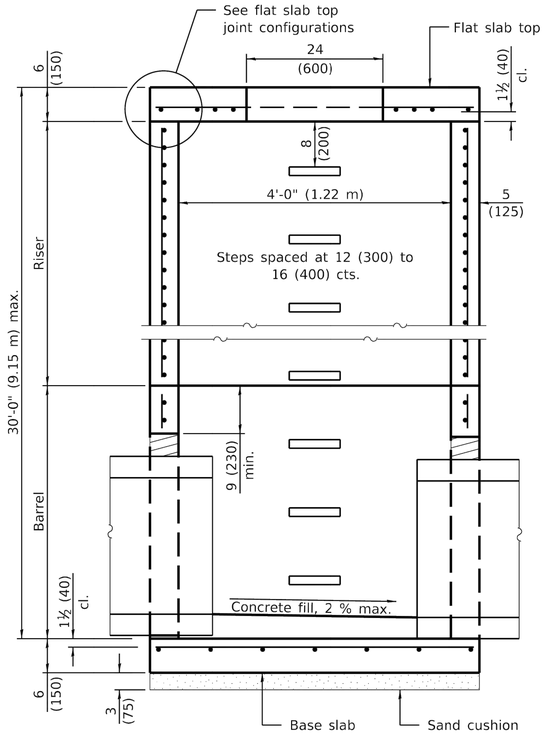
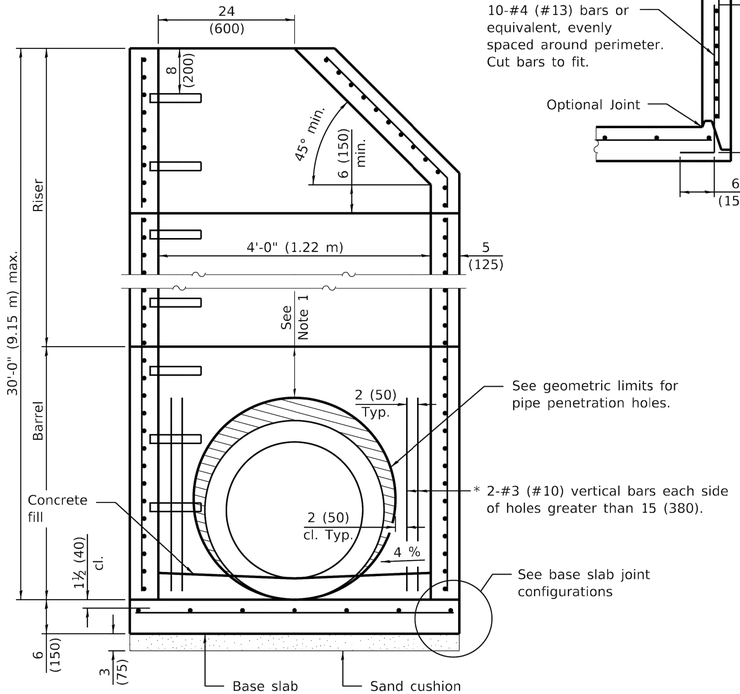


SECTION PARALLEL TO PIPE

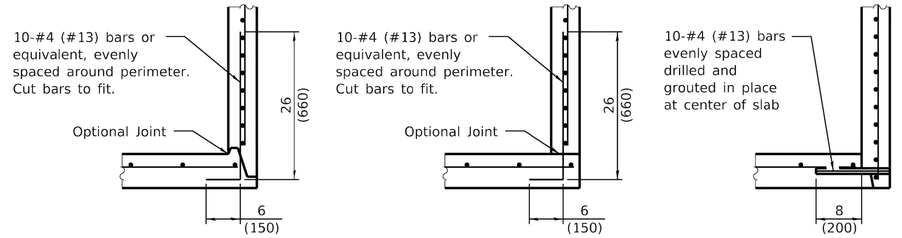
(Without conical top riser)



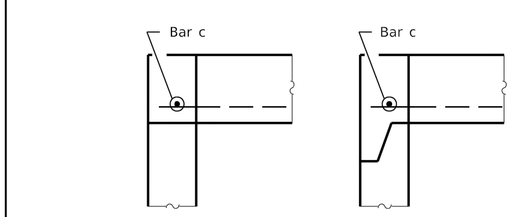
SECTION PERPENDICULAR TO PIPE

(With conical top riser)

* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as opposed to cored.



BASE SLAB JOINT CONFIGURATIONS



FLAT SLAB TOP JOINT CONFIGURATIONS

(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 24 (600).

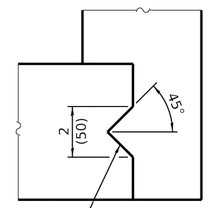
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.



SHEAR KEY GEOMETRY

(Reinforcement not shown for clarity)

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-21	Revised Note 1 and lifting hole
	general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

(Sheet 1 of 2)

STANDARD 602401-07

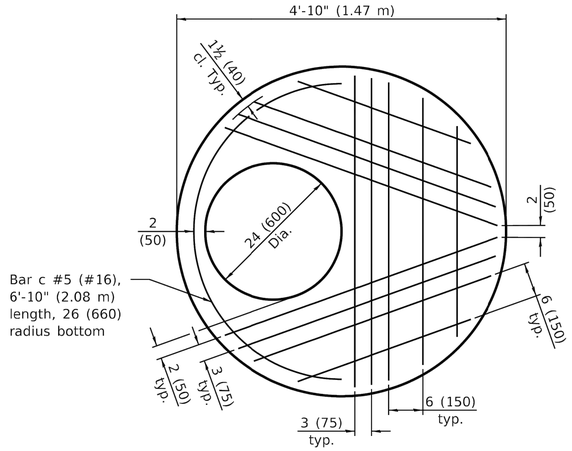
DESIGNED: BP		
DRAWN: AI		
CHECKED: YG		
DATE: APRIL 2025		

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

DETAILS

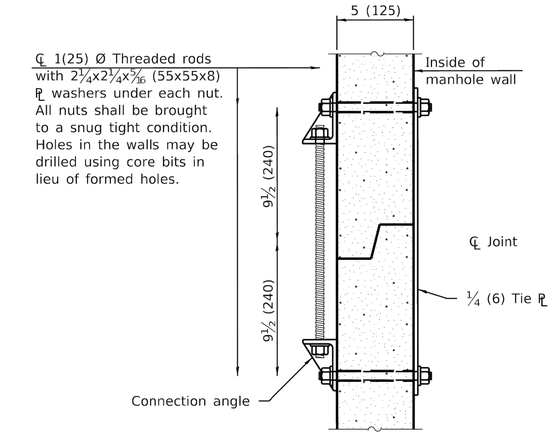
SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	40
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

\\office-1100\share\WHEATON\PROJECTS\arlingtonheights_il\11396602 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg

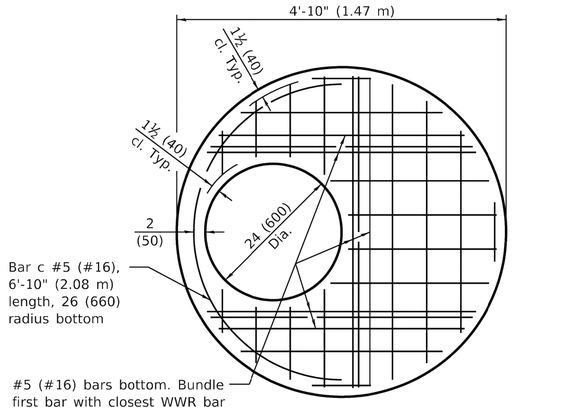


PLAN - FLAT SLAB TOP

(Showing layout of reinforcement bars and c bars)

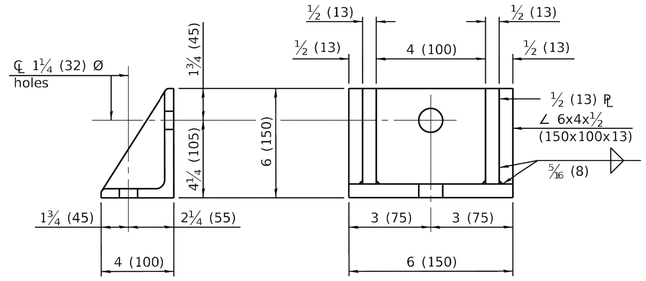


JOINT SPLICE

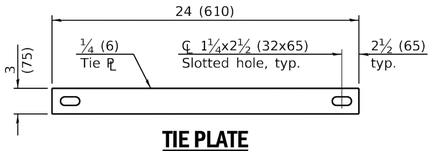


PLAN - FLAT SLAB TOP

(Showing layout of welded wire reinforcement and c bars)



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
Barrel	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.16 sq. in./ft. (339 sq. mm/m)	4 (100)

BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)
	> 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

(Sheet 2 of 2)

STANDARD 602401-07

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	41
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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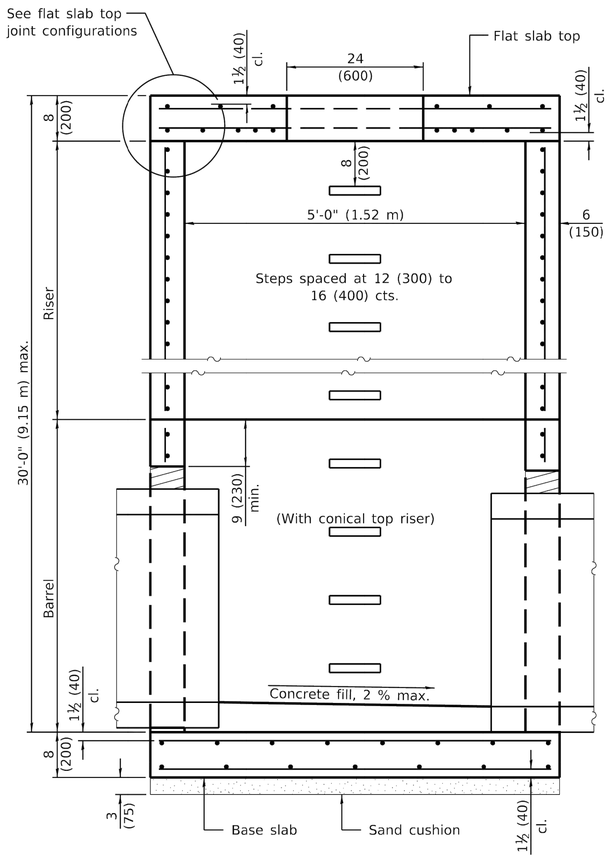
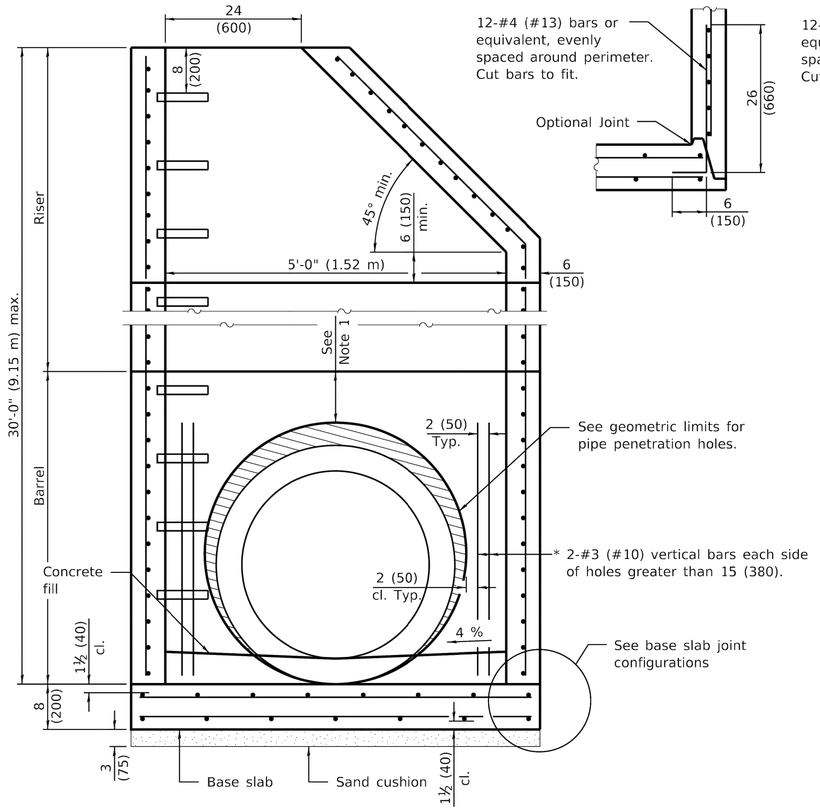


SECTION PARALLEL TO PIPE

(Without conical top riser)



SECTION PERPENDICULAR TO PIPE

(With conical top riser)

* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as opposed to cored.

FLAT SLAB TOP JOINT CONFIGURATIONS

(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 32 (810).

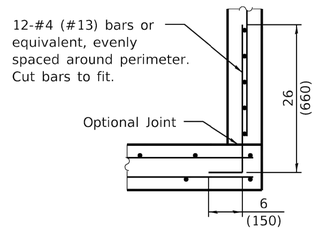
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

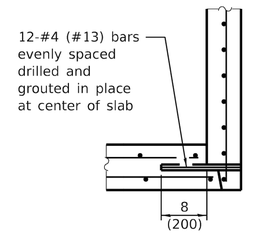
Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

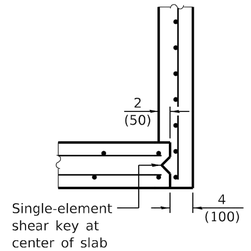
Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

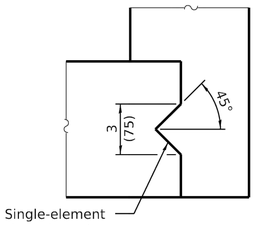
Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.







BASE SLAB JOINT CONFIGURATIONS



SHEAR KEY GEOMETRY

(Reinforcement not shown for clarity)

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-18

DATE	REVISIONS
1-1-21	Revised Note 1 and lifting hole
	general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER

(Sheet 1 of 2)

STANDARD 602402-03

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	42
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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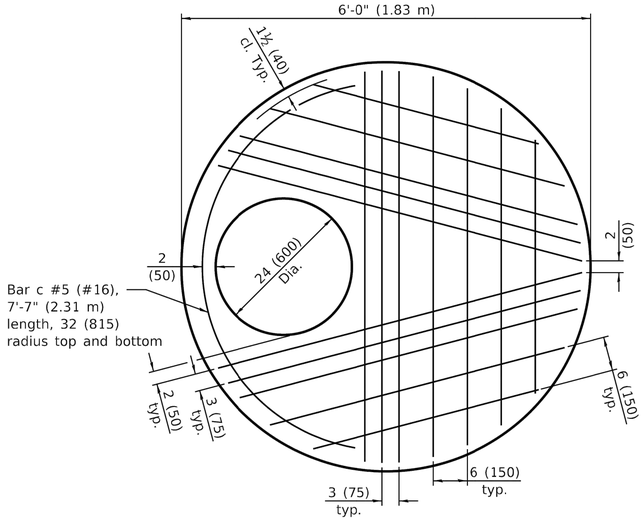
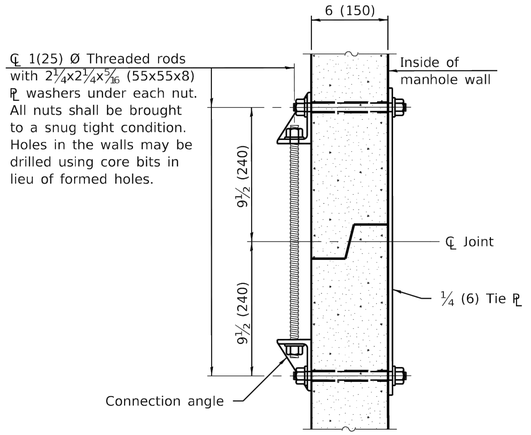
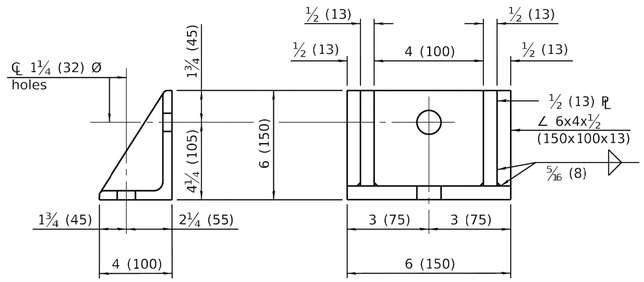


PLAN - FLAT SLAB TOP

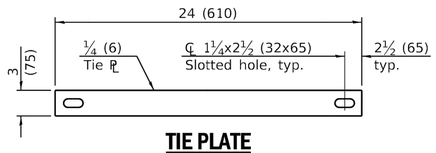
(Showing layout of bottom reinforcement bars and c bars)



JOINT SPLICE



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)		Rebar (each direction except as noted)		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	** 0.40 sq. in./ft. (847 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

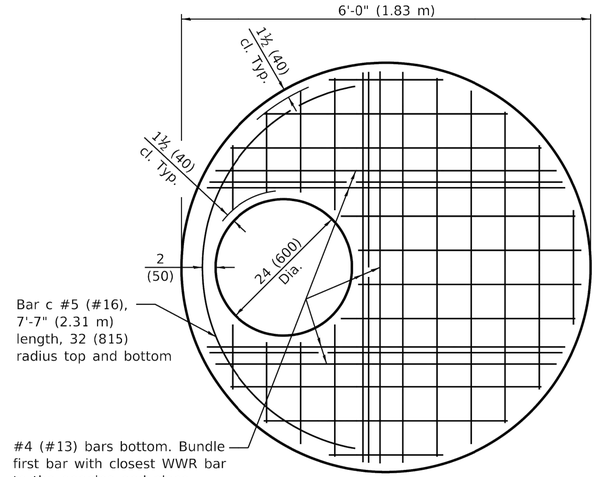
** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
Riser	Circumferential	0.15 sq. in./ft. (318 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
Barrel	Circumferential	0.15 sq. in./ft. (318 sq. mm/m)	6 (150)
	Vertical	0.16 sq. in./ft. (339 sq. mm/m)	4 (100)

BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)
	> 20 ft. (6.10 m)	0.28 sq. in./ft. (593 sq. mm/m)	8 (200)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)



PLAN - FLAT SLAB TOP

(Showing layout of welded wire reinforcement and c bars)

Illinois Department of Transportation

PASSED January 1, 2021

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-18

PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER

(Sheet 2 of 2)

STANDARD 602402-03

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	43
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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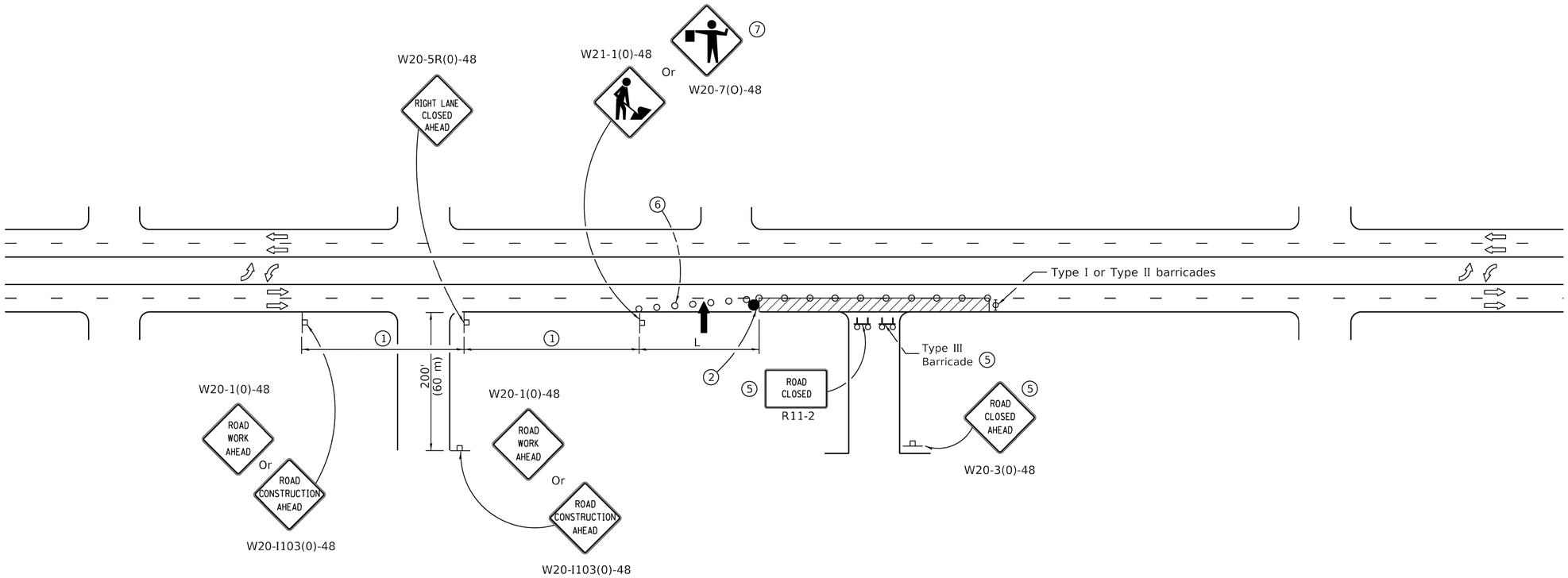

CASE IV

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 4 of 4)

STANDARD 701602-10

DESIGNED: BP		
DRAWN: AI		
CHECKED: YG		
DATE: APRIL 2025		

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

DETAILS

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	44
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

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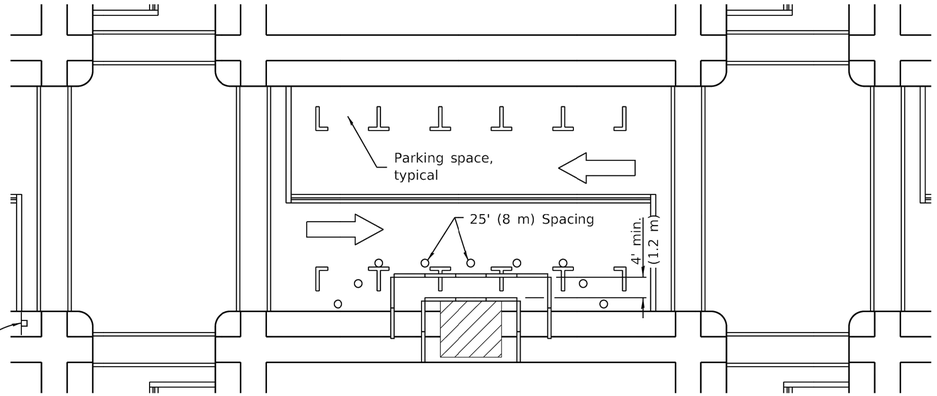


① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

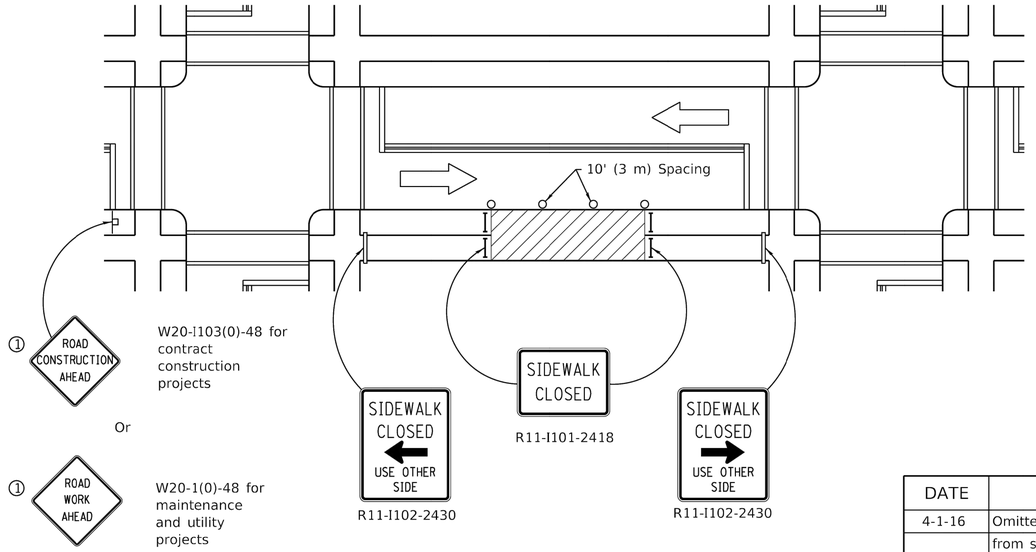
The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSURE

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
4-1-16	Omitted orange safety fence
	from standard as this is
	covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	45
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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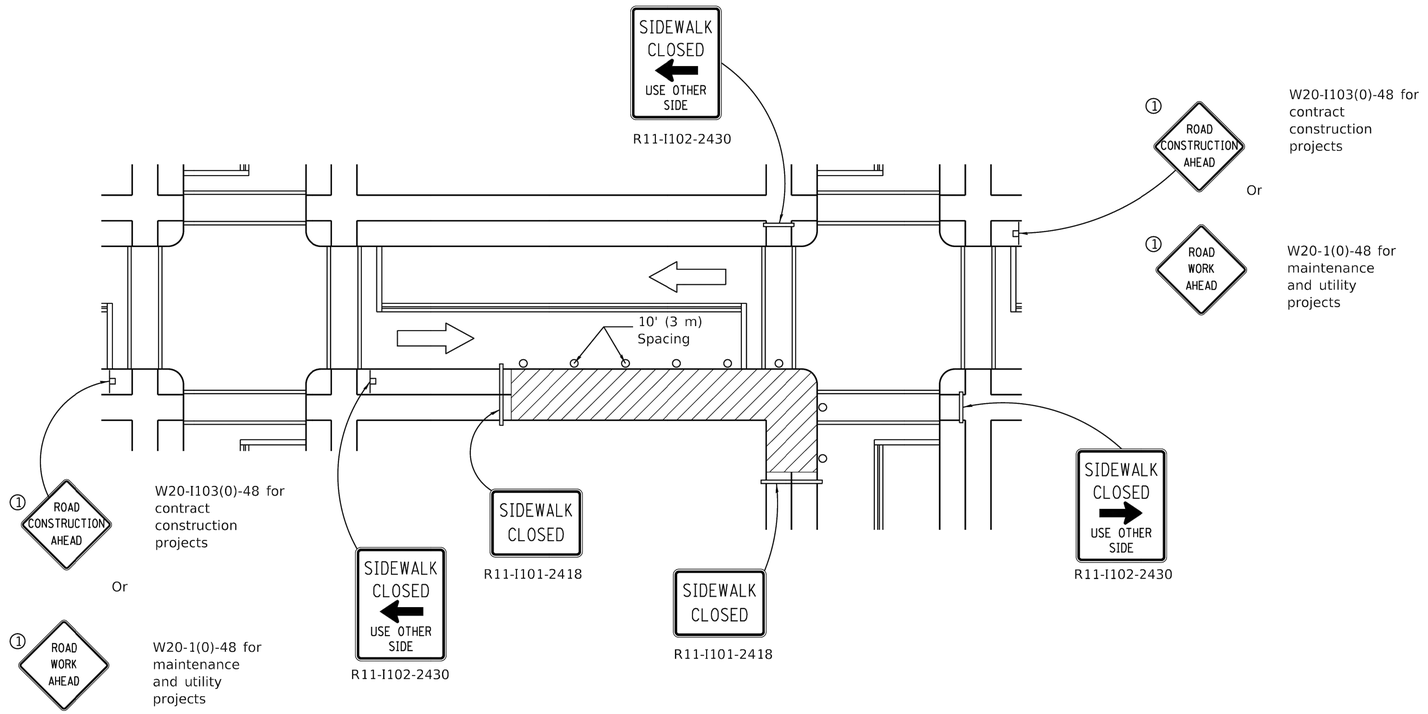
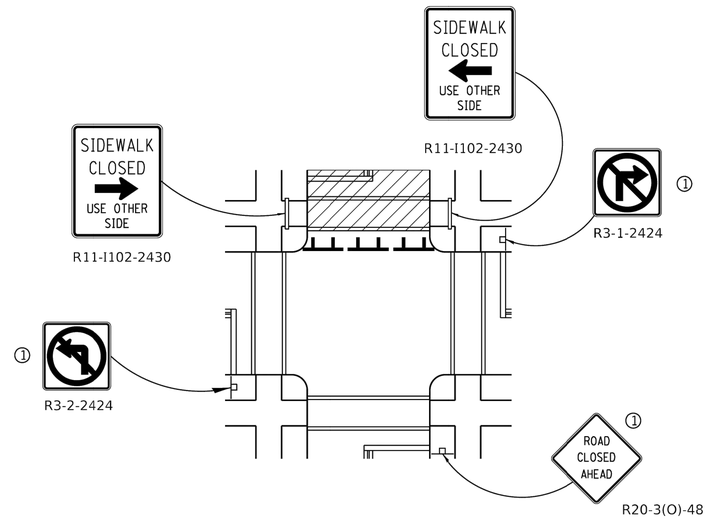


CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

rjn group

ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

DETAILS

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	46
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

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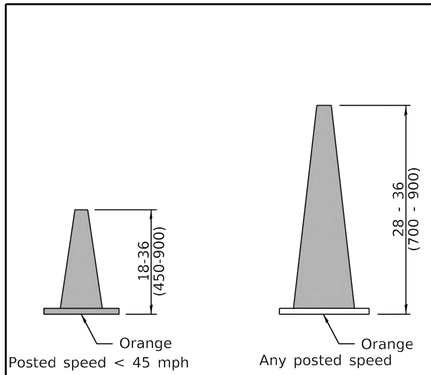
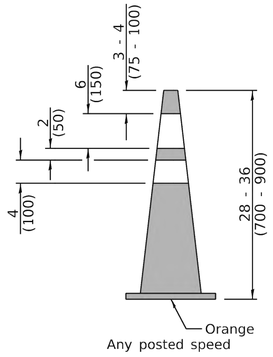
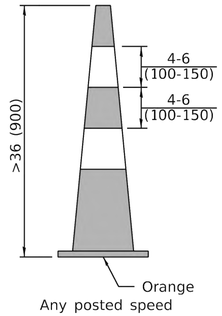


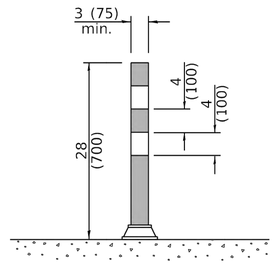
DAYTIME USE



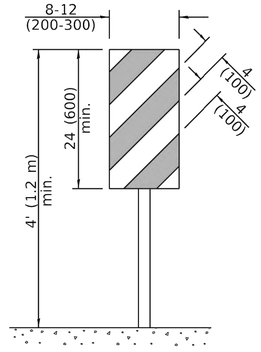


DAY OR NIGHTTIME USE

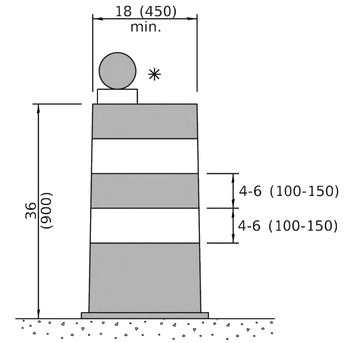
CONES



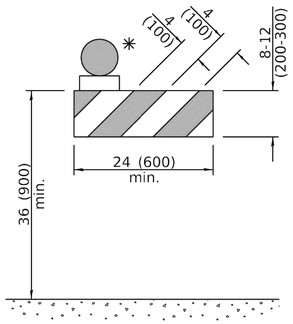
TUBULAR MARKER



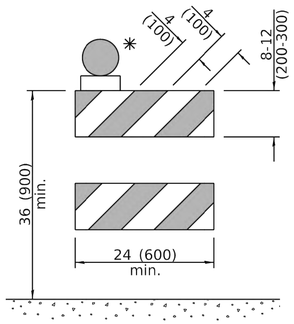
VERTICAL PANEL
POST MOUNTED



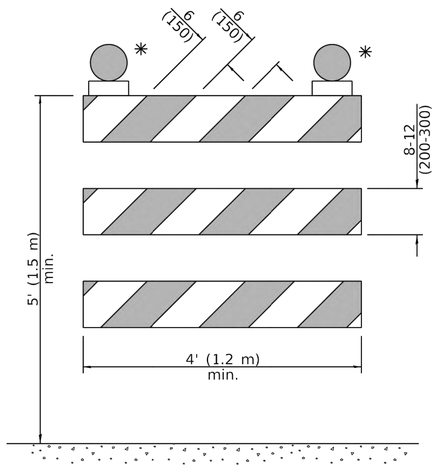
DRUM



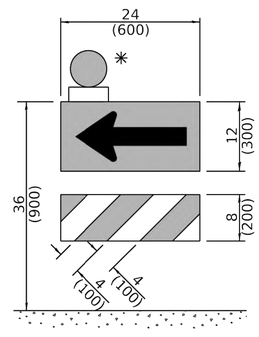
TYPE I BARRICADE



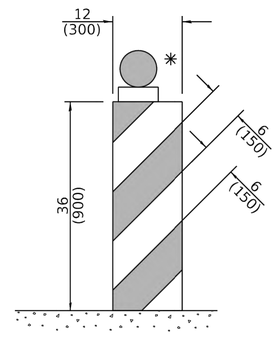
TYPE II BARRICADE



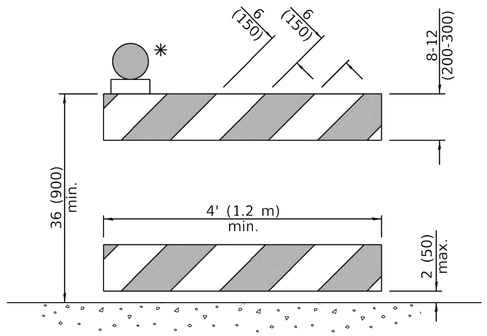
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

✳ Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

DATE	REVISIONS
1-1-19	Revised cone usage and
	added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE
	SPEED LIMIT sign from
	orange to white background.

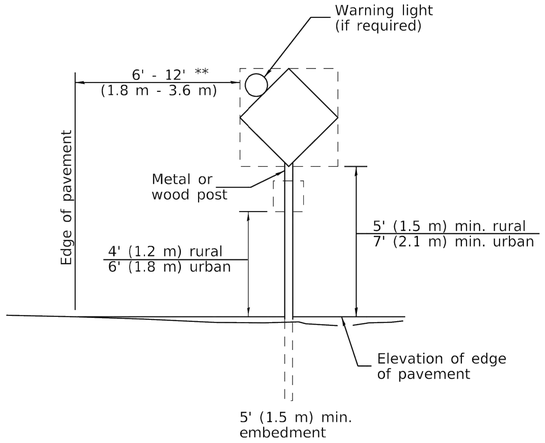
TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-08

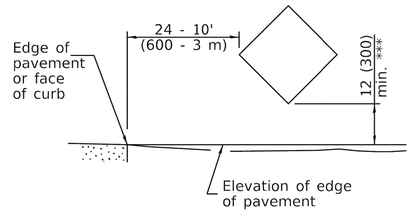
	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	47
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

\\office-1100\share\WHEATON\PROJECTS\allingtonheights_jll\1399602 arlington hts algonquin rd final design\d-4.1 cad\Models\Details.dwg



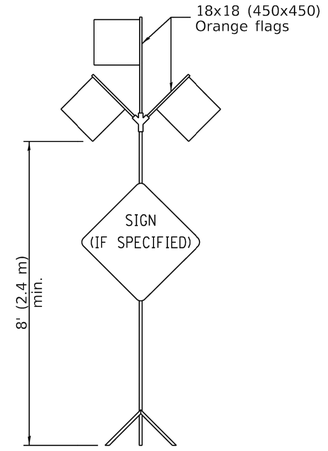
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.

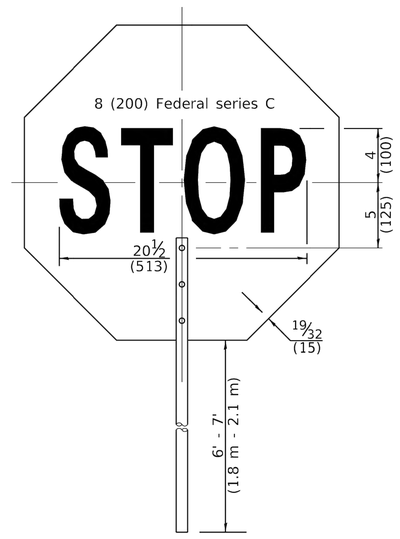


HIGH LEVEL WARNING DEVICE

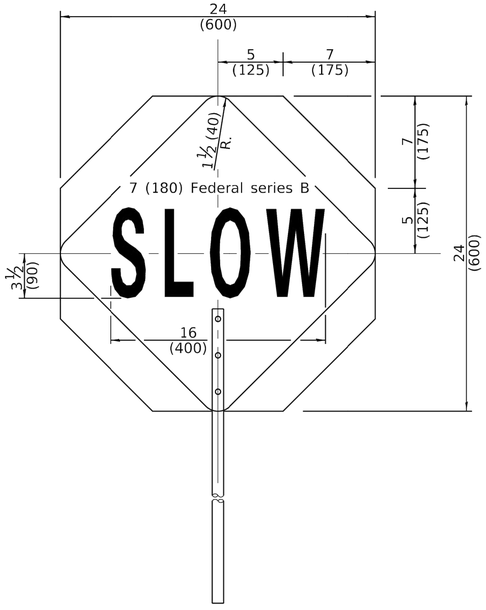
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

ROAD CONSTRUCTION NEXT X MILES

G20-I104(0)-6036

END CONSTRUCTION

G20-I105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

WORK ZONE	W21-III5(0)-3618
SPEED LIMIT XX	R2-1-3648
PHOTO ENFORCED	R10-I108p-3618 ****
$XXX FINE MINIMUM	R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

END WORK ZONE SPEED LIMIT

G20-I103-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-I108p shall only be used along roadways under the juristiction of the State.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

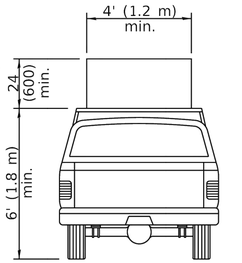
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

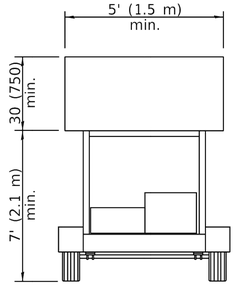
STANDARD 701901-08

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	48
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

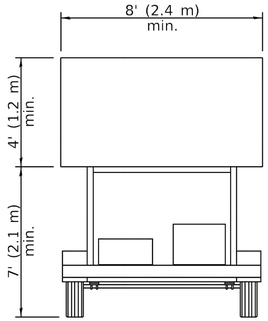
\\office-1100\shared\IHEATON\PROJECTS\arlingtonheights_il\11399602 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg



TYPE A ROOF MOUNTED

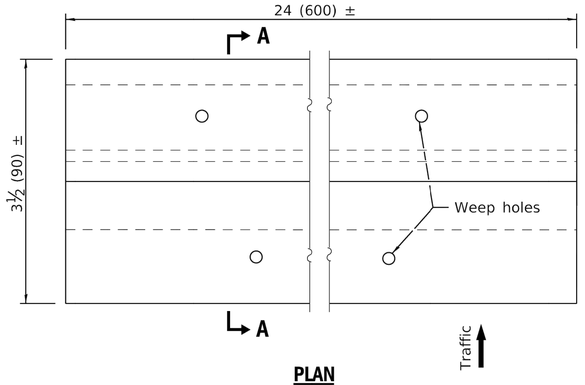


TYPE B ROOF OR TRAILER MOUNTED

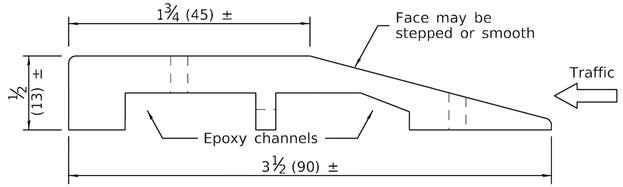


TYPE C TRAILER MOUNTED

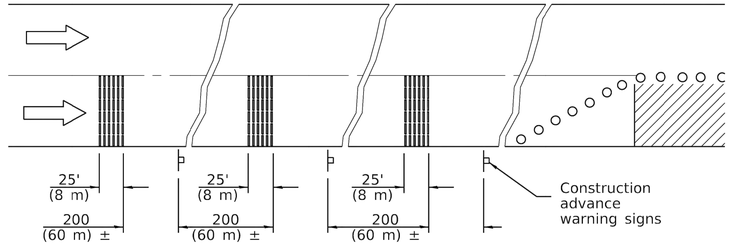
ARROW BOARDS

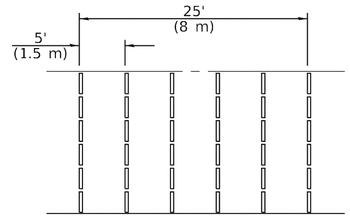


PLAN



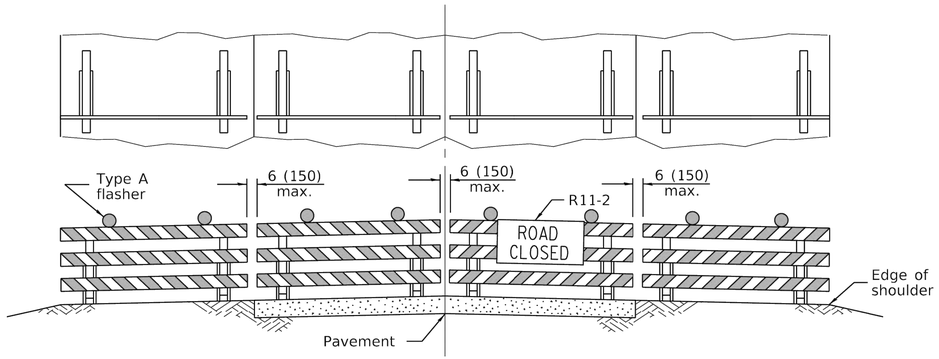
SECTION A-A





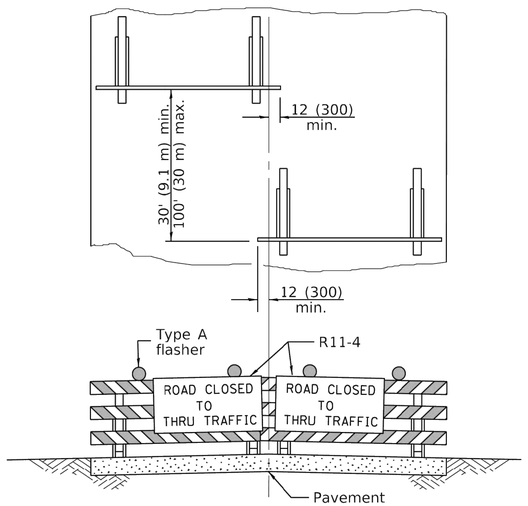
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-08

	DESIGNED: BP	
	DRAWN: AI	
	CHECKED: YG	
	DATE: APRIL 2025	

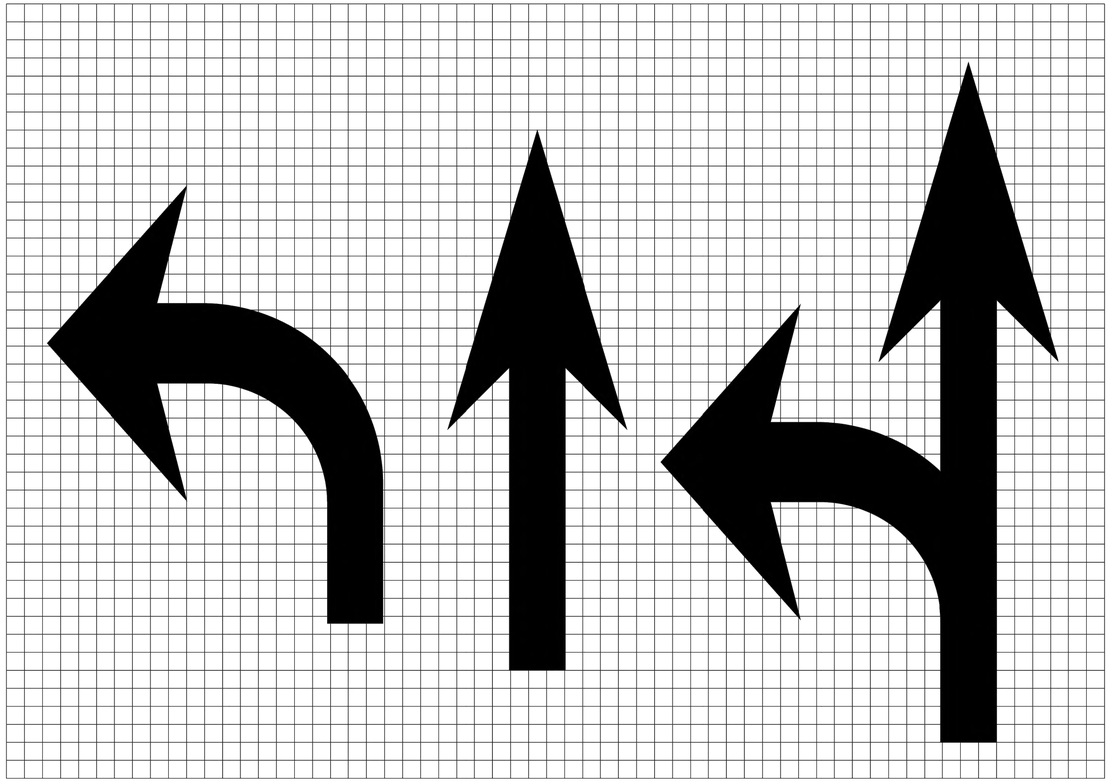
ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

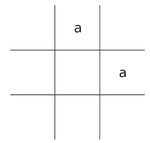
DETAILS

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	49
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

\\office-1100shares\WHEATON\PROJECTS\arlingtonheights_il\11399602 arlington hts algonquin rd final design\d 4.1 cad\Models\Details.dwg







Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF OPERATIONS

APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

TYPICAL PAVEMENT MARKINGS

(Sheet 2 of 3)

STANDARD 780001-05

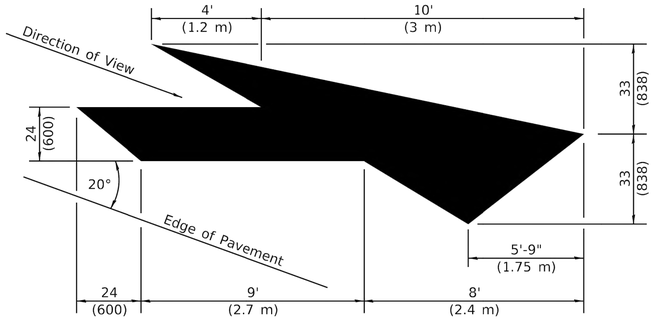
\\office-1100\share\WHEATON\PROJECTS\allingtonheights_ill\1399602 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg

	DESIGNED: BP						
	DRAWN: AI						
	CHECKED: YG						
	DATE: APRIL 2025						

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	50
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

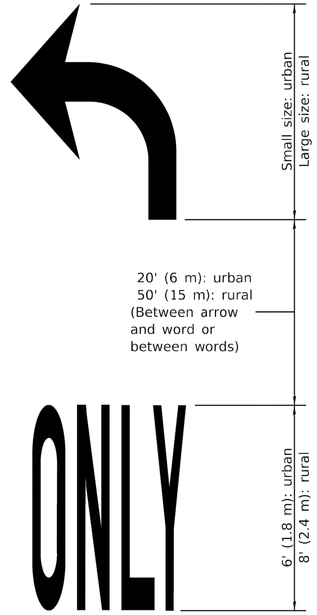
ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

DETAILS

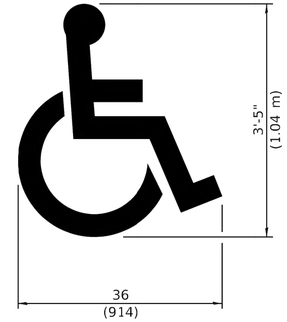


LANE-REDUCTION ARROW

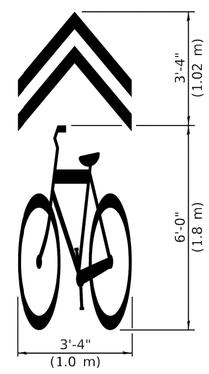
Right lane-reduction arrow shown.
Use mirror image for left lane.



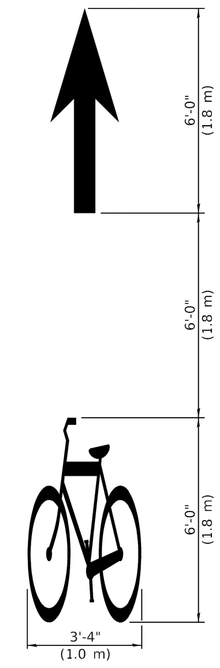
WORD AND ARROW LAYOUT



INTERNATIONAL SYMBOL OF ACCESSILITY

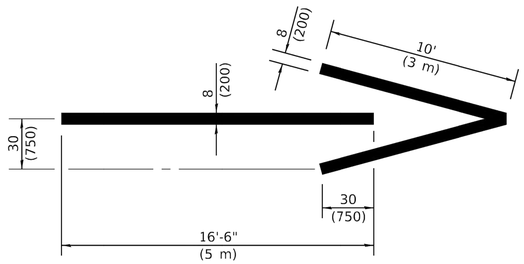


SHARED LANE SYMBOL



BIKE SYMBOL

(Arrow is optional.)



WRONG WAY ARROW

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF OPERATIONS
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

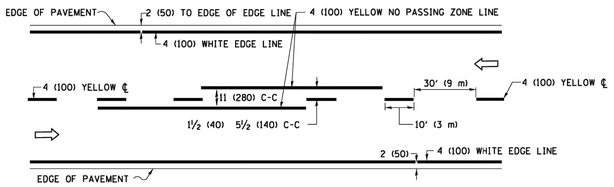
TYPICAL PAVEMENT MARKINGS

(Sheet 3 of 3)

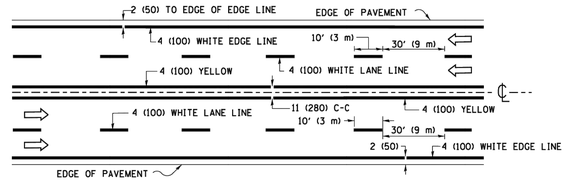
STANDARD 780001-05

DESIGNED: BP			rjn group	ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN: AI						HORIZONTAL:	COOK	64	51
CHECKED: YG						VERTICAL:	STA.	TO STA.	
DATE: APRIL 2025						PROJECT NO. 11-3996-02			

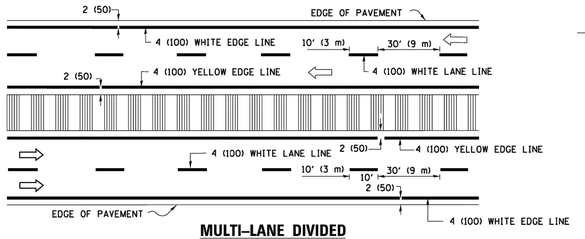
\\office-1100\share\WHEATON\PROJECTS\arlingtonheights_il\1399602 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg



2–LANE ROADWAY

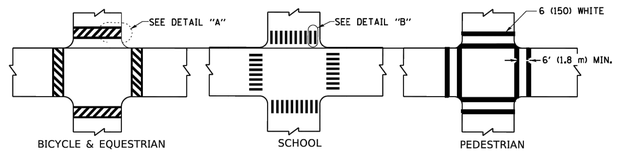


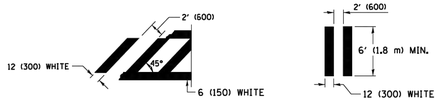
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

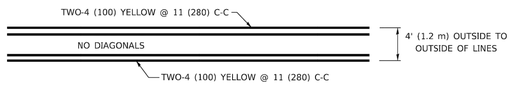




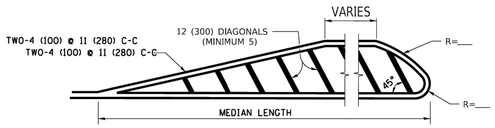
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



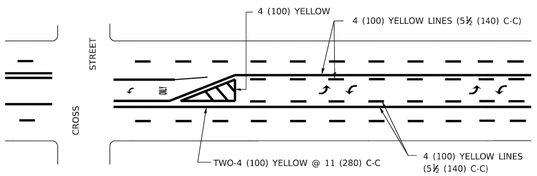
4' (1.2 m) WIDE MEDIANS ONLY



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

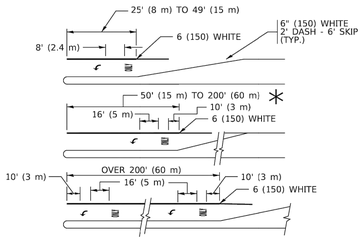
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

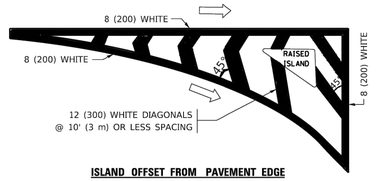


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

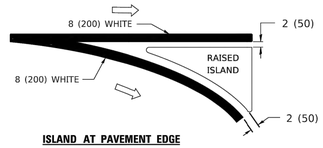
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

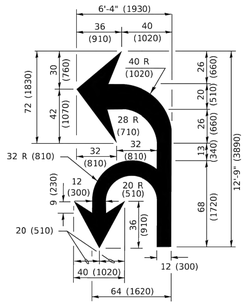


ISLAND OFFSET FROM PAVEMENT EDGE

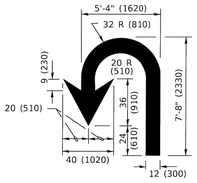


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

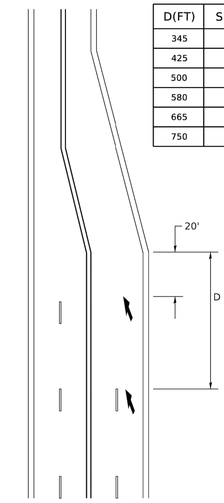


COMBINATION LEFT AND U–TURN



U–TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55



LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	**4 (100)** 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ² EACH "X"=54.0 SQ. FT. (5.0 m ²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

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	DRAWN -	REVISED - C. JUCIUS 07-01-13	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC–13	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES: HORIZONTAL: / VERTICAL:
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	CHECKED: YG					TOTAL SHEETS: 64
	DATE: APRIL 2025					SHEET NO.: 52
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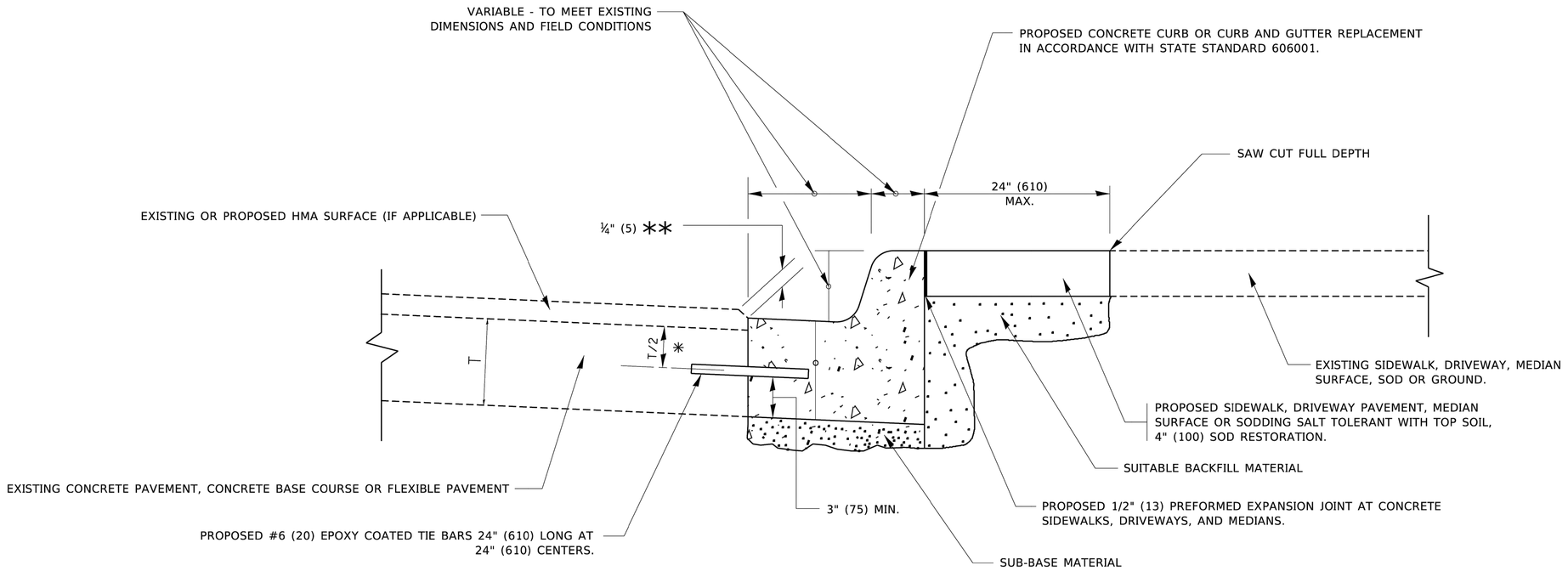
						PROJECT NO. 11–3996–02



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	DRAWN -	REVISED - M. GOMEZ 01-22-01			
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PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19			ILLINOIS / FED. AID PROJECT

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	DRAWN: AI					HORIZONTAL: / COOK / 64 / 53	
	CHECKED: YG					VERTICAL: / STA. / TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11–3996–02	

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

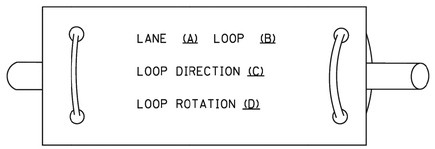
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

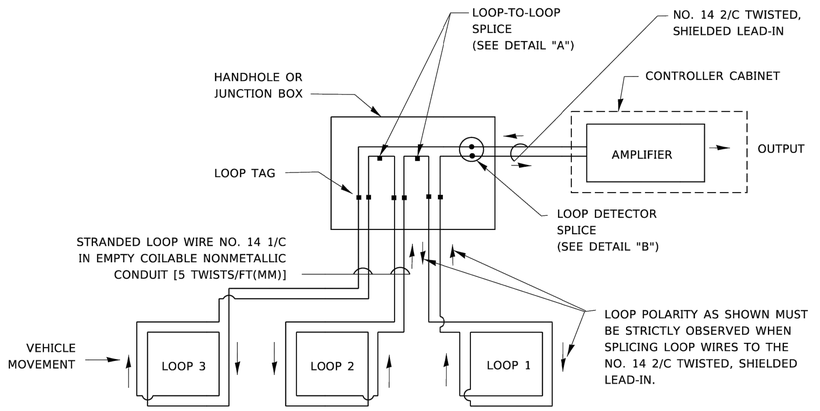
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

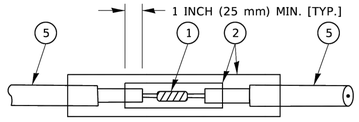


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

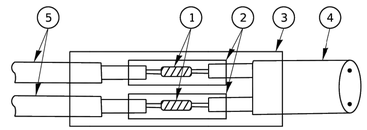


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

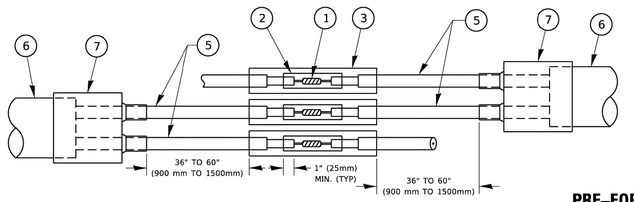


DETAIL "A"
LOOP-TO-LOOP SPLICE



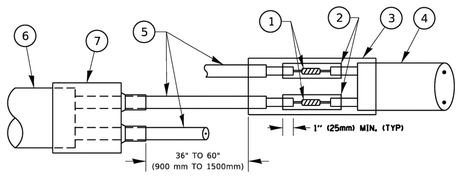
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

1. WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
2. WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
3. WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
4. NO. 14 2/C TWISTED, SHIELDED CABLE.
5. LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP
6. XL POLYOLEFIN 2 CONDUCTOR
7. BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-05	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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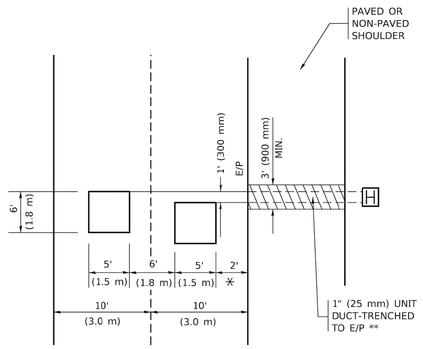
	DRAWN: AI					HORIZONTAL: / COOK / 64 / 54
	CHECKED: YG					VERTICAL: / STA. / TO STA.
	DATE: APRIL 2025					PROJECT NO. 11-3996-02

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



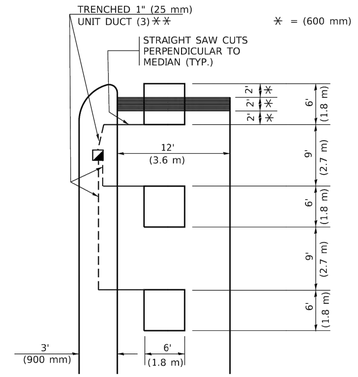
⁎ = (600 mm)

⁎⁎ UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



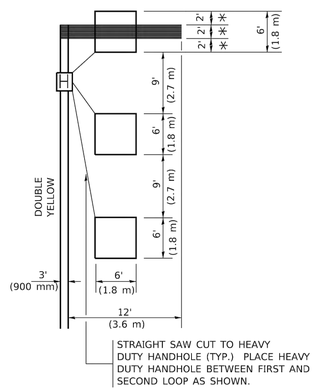
⁎⁎ UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS

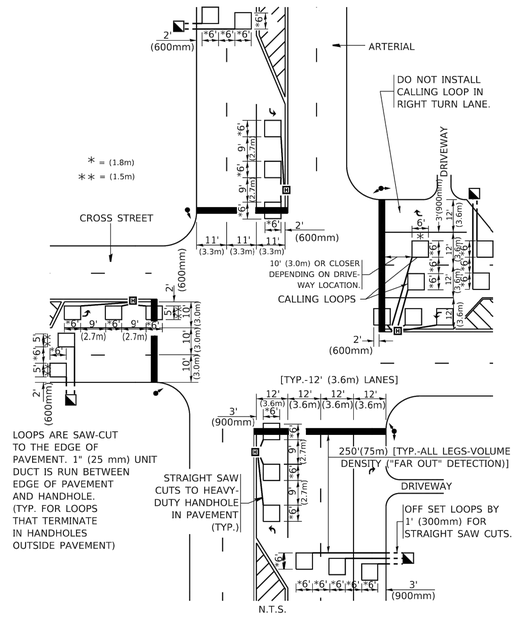
VOLUME DENSITY (''FAR OUT'' DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

⁎ = (600 mm)



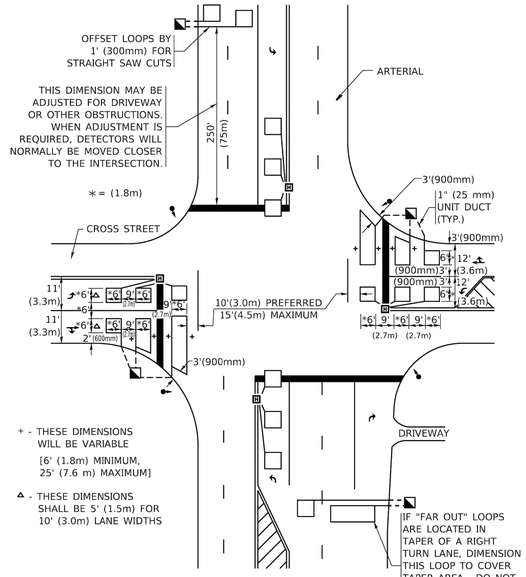
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

⁎ ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.

⁎ EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.

⁎ EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.

⁎ ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)

⁎ EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.

⁎ WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).

⁎ WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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PLOT DATE = 3/4/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS–07	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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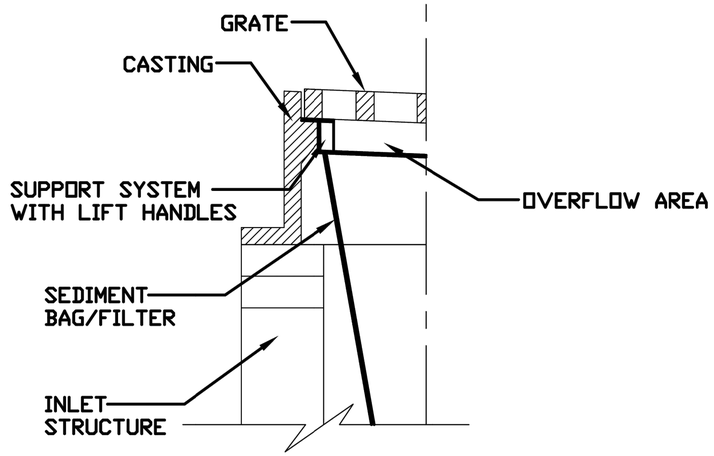
	DRAWN: AI					
	CHECKED: YG					
	DATE: APRIL 2025					

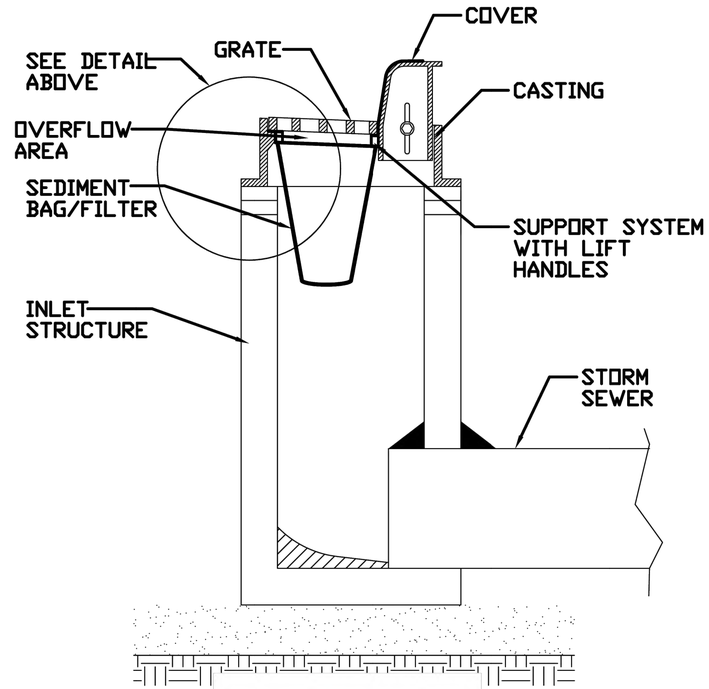
ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

DETAILS

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	55
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11–3996–02			

INLET PROTECTION - PAVED AREAS
DROP-IN PROTECTION





REFERENCE
Project
Designed Date
Checked Date
Approved Date

STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

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	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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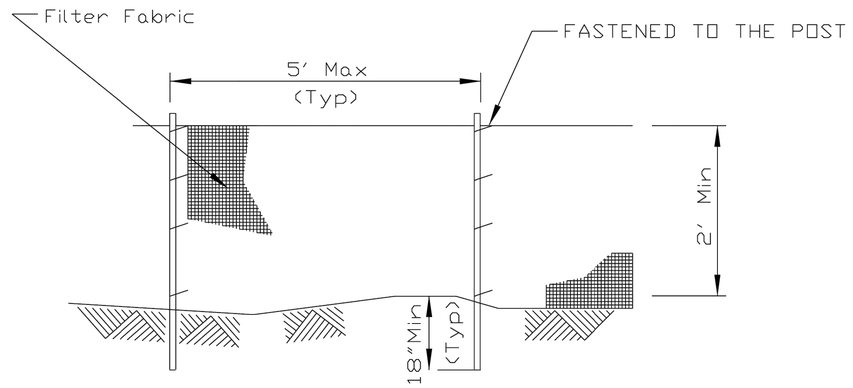
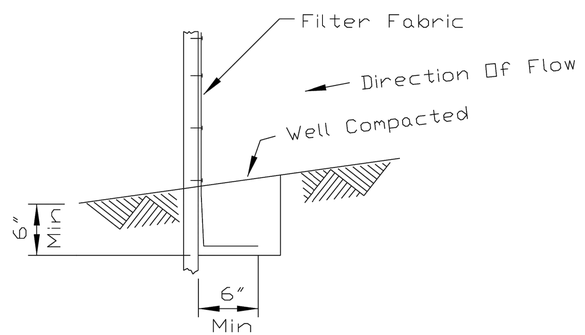
SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

NOTES:

1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1, Class 2.
3. Fence posts shall be either standard steel post or wood post 2" X 2" nominal.

REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IUM-620A
SHEET 1 OF 2
DATE 04-15-2021

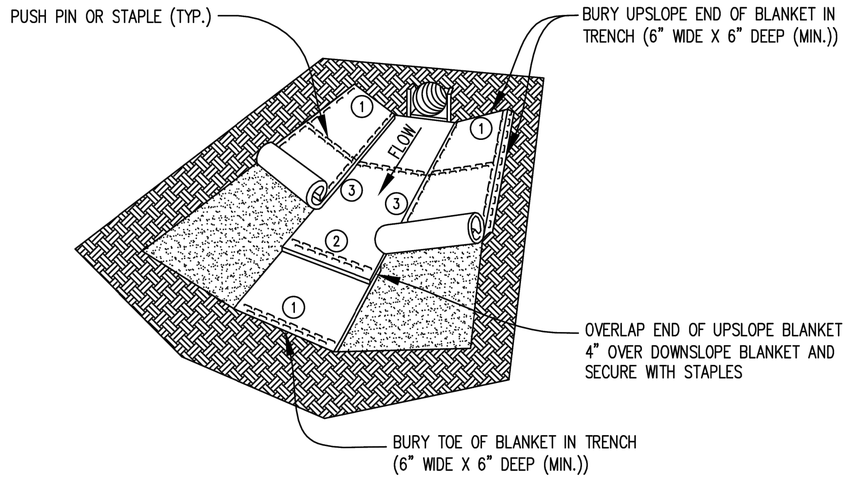
	DESIGNED: BP					SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	57
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

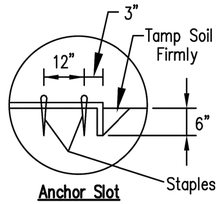
ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS

DETAILS

\\office-1100share\WHEATON\PROJECTS\arlingtonheights_il\113996\02 arlington hts algonquin rd final design\d.4.1 cad\Models\Details.dwg

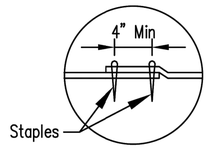
EROSION CONTROL BLANKET - TURF REINFORCEMENT MAT (TRM)





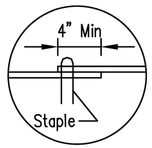
Anchor Slot

DETAIL 1



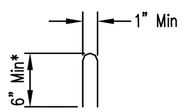
Single Joint

DETAIL 2

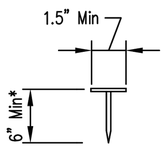


Parallel Overlaps

DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

*Note:
1. For sandy soil conditions, staple or push pin shall be a minimum 8 inches.

REFERENCE		STANDARD DWG. NO.
Project		IUM-531
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 02-22-11
Approved ____ Date ____		

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK / 64 / 58
	CHECKED: YG					VERTICAL:	STA. TO STA.
	DATE: APRIL 2025					PROJECT NO. 11-3996-02	

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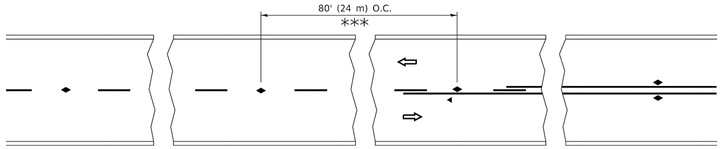
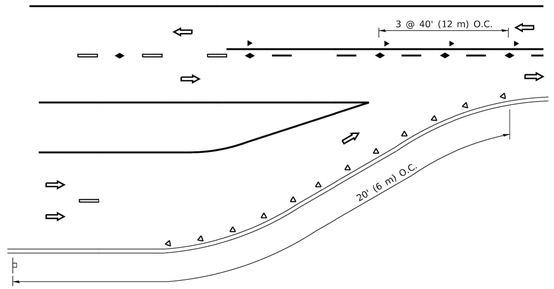


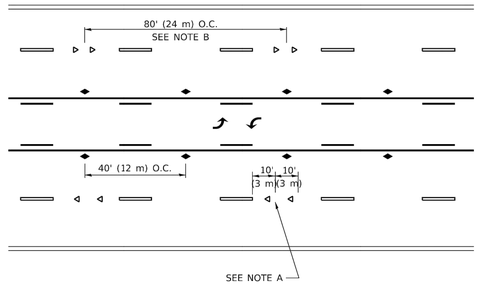
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

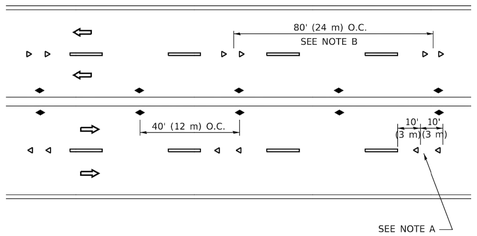
SEE FIGURE 3B-14 MUTCD



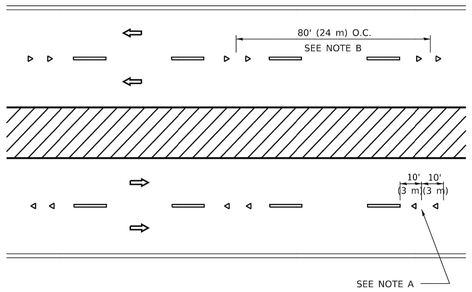
LANE REDUCTION TRANSITION



TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

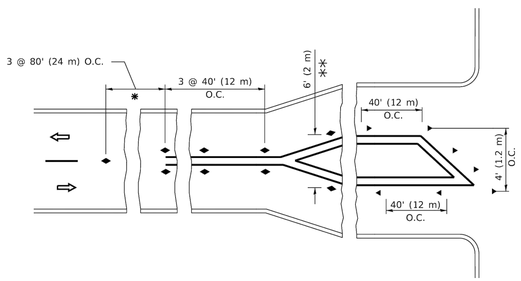
LANE MARKER NOTES

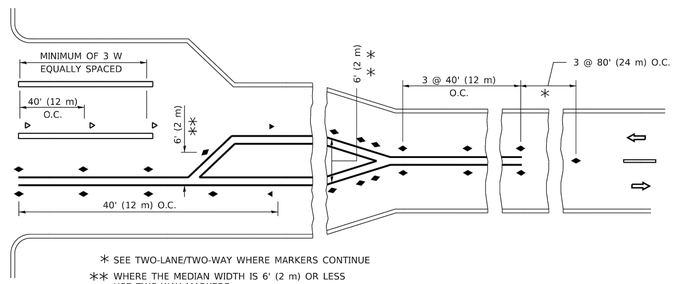
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
FILE NAME: pw:\\IL084EBIDNTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34x(CADData\CADSheets\tc11.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)	F.A. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED - T. RAMMACHER 01-06-00			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09			
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. / TO STA.	TC–11 / CONTRACT NO. / ILLINOIS / FED. AID PROJECT

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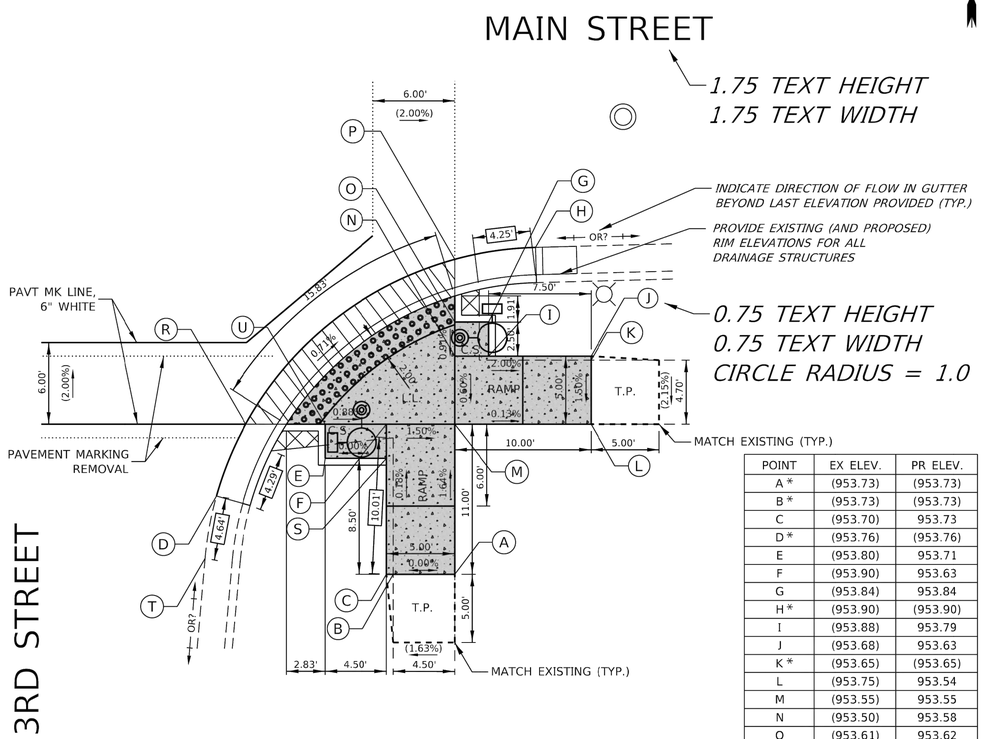
tc11.dgn 3/4/2019 10:29:08 AM User=footemj

DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS / SHEET NO.
DRAWN: AI					HORIZONTAL:	COOK	64 / 59
CHECKED: YG					VERTICAL:	STA.	TO STA.
DATE: APRIL 2025					PROJECT NO. 11–3996–02		

PROJECT NAME

CASE I: NO ALIGNMENT DATA AVAILABLE



POINT	EX ELEV.	PR ELEV.
A *	(953.73)	(953.73)
B *	(953.73)	(953.73)
C	(953.70)	953.73
D *	(953.76)	(953.76)
E	(953.80)	953.71
F	(953.90)	953.63
G	(953.84)	953.84
H *	(953.90)	(953.90)
I	(953.88)	953.79
J	(953.68)	953.63
K *	(953.65)	(953.65)
L	(953.75)	953.54
M	(953.55)	953.55
N	(953.50)	953.58
O	(953.61)	953.62
P	(935.55)	935.55
Q	(935.65)	935.65
R	(953.77)	953.77
S	(953.71)	953.71
T *	(953.68)	(953.38)
U	(953.75)	953.68

* = REFERENCE POINT

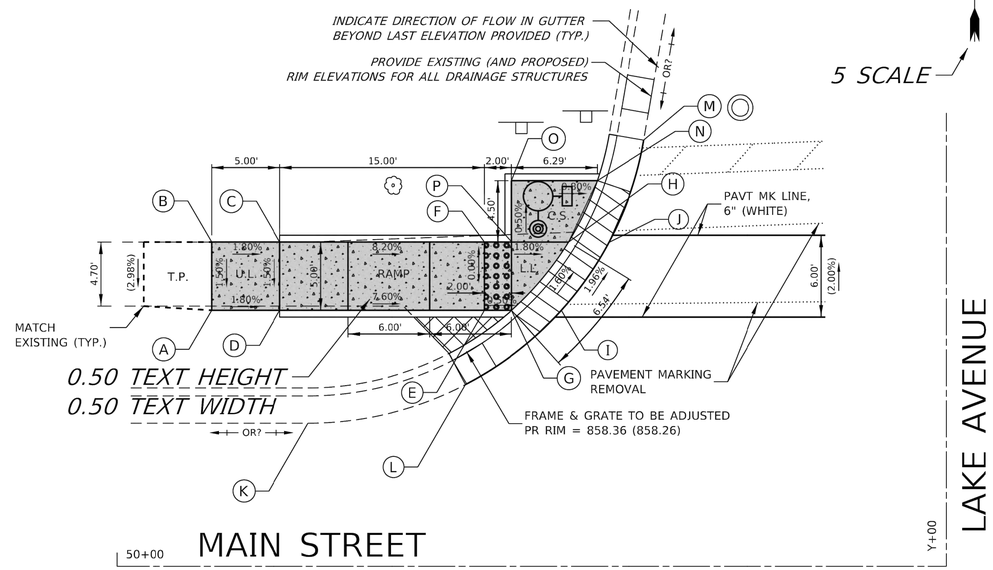
REFERENCE BENCHMARK

ELEVATION : 953.33

BENCHMARK : "X" CUT ON NORTH LOWER FLANGE BOLT OF HYDRANT

LOCATION : 50 FT SOUTH OF MAIN STREET

CASE II: WITH ALIGNMENT DATA



POINT	STATION	OFFSET	ELEVATION
A	50+06.94	20.28' L	859.42
B	50+06.94	25.28' L	859.49
C	50+11.94	25.28' L	859.40
D	50+11.94	20.28' L	859.33
E	50+26.94	20.28' L	858.17
F	50+26.94	25.28' L	858.17
G	50+28.94	20.28' L	858.16
H	50+33.11	25.28' L	858.05
I	50+32.59	20.28' L	858.11
J	50+36.11	25.28' L	857.99
K	50+14.00	12.00' L	858.85
L	50+25.54	14.82' L	858.48
M	50+38.64	32.75' L	857.57
N	50+34.44	29.78' L	858.07
O	50+26.94	29.78' L	858.12
P	50+28.94	25.28' L	858.14

BORDER = 5 SCALE
CELLS = 20 SCALE

DESIGNERS NOTES (REVISE TO SITE SPECIFIC NOTES AS NECESSARY)

1.) *THESE ADA DETAILS ARE FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO THE MOST CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.*

2.) *RESURFACING AND ADA STAND ALONE CONTRACTS: A MINIMUM OF TWO REFERENCE POINTS PER CORNER SHALL BE PROVIDED. REFERENCE POINTS CANNOT BE IN LOCATIONS PROPOSED FOR REMOVAL. A TYPICAL LOCATION SHALL BE AT THE END OF THE SIDEWALK REPLACEMENT.*

3.) *EXISTING DISTANCE TO EACH REFERENCE POINT FROM A BENCHMARK OR OTHER KNOWN EXISTING POINT SHALL BE SHOWN.*

4.) *FOLLOW EXAMPLE FOR LABELING ELEVATIONS, SLOPES, AND DIMENSIONS. INCLUDE ELEVATIONS AT GRADE BREAKS. ALSO INCLUDE ANY BENCHMARKS USED.*

5.) *WHERE ADA/PROWAG REQUIREMENTS CANNOT BE MET BY MODIFYING STANDARD DESIGN ELEMENT, THE GUTTER FLAG CROSS SLOPE CAN BE MODIFIED FROM -6% (-5% ADJUSTED FOR CURB RAMP) TO -2% TO ACHIEVE A PEDESTRIAN ACCESS ROUTE CROSS SLOPE OF LESS THAN 2%. ANY FLOW SHALL BE DIRECTED AWAY FROM THE CURB RAMP OR TO AN EXISTING STRUCTURE. ELEVATIONS AT EDGE OF PAVEMENT, FLOW LINE, AND BACK OF CURB SHALL BE NOTED.*

6.) *ADD IDOT PAY ITEM X0320050 CONSTRUCTION LAYOUT (SPECIAL) FOR RESURFACING AND ADA STAND- ALONE CONTRACTS.*

7.) *WHERE THE EDGE OF PAVEMENT ELEVATION HAS CHANGED FROM RAMP MODIFICATIONS OR DUE TO POOR CONDITION, THE ADJACENT PAVEMENT SHALL BE PATCHED WITH THE SAME TYPE AND DEPTH OF PAVEMENT ALREADY EXISTING. THE PATCH SHALL BE A FULL LANE WIDTH WITH SAW CUTS AT LANE LINES AND PERPENDICULAR TO THE DIRECTION OF TRAFFIC.*

8.) *ALL PEDESTRIAN SIGNAL PUSH-BUTTONS SHALL MEET ADA/PROWAG REQUIREMENTS. PUSH-BUTTON LOCATION REQUIREMENTS SHALL BE ACCOMPLISHED BY PROVIDING A CLEAR GROUND SPACE WITH A 2.5' X 4.5' MIN. AREA AND 1:48 MAX. SLOPE IN ALL DIRECTIONS. CONCRETE FOUNDATIONS FOR PEDESTRIAN SIGNALS SHALL BE LOCATED EITHER 1) ENTIRELY WITHIN THE CLEAR GROUND SPACE, OR 2) CENTERED ABOUT THE PROPOSED SIDE CURB. CONCRETE FOUNDATIONS MAY NOT BE LOCATED FURTHER AWAY THAN CENTERED AT THE SIDE CURB.*

9.) *CCDOTH PREFERS A DESIGN CROSS SLOPE GRADE OF 1.5% (1:67) NOT TO EXCEED 2% (1:50) FOLLOWING CONSTRUCTION. DO NOT DESIGN TO THE MAXIMUM ALLOWABLE RUNNING SLOPE SO AS TO ALLOW FOR CONSTRUCTION TOLERANCES.*

10.) *ESTABLISH STATION/OFFSETS BASED ON ONE CENTERLINE FOR EACH CORNER.*

11.) *IF PARALLEL SIDEWALK SLOPES DO NOT MATCH, LABEL BOTH SLOPES. FOR EXAMPLE, IF C-F DOES NOT MATCH D-E, BOTH SLOPES SHOULD BE LABELED.*

12.) *SIDEWALK JOINTS SHALL BE 5-FOOT ON CENTER UNLESS OTHERWISE SHOWN ON PLANS.*

LEGEND

- XX.XX' — EXISTING LENGTH
- ( ) — EXISTING ELEVATION/SLOPE
- EXISTING PEDESTRIAN SIGNAL POST
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- SEEDING / SODDING
- DEPRESSED CURB & GUTTER
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- SIDEWALK TRANSITION PANEL
- DETECTABLE WARNINGS
- U.L. — UPPER LANDING
- L.L. — LOWER LANDING
- C.S. — CLEAR GROUND SPACE
- T.P. — TRANSITION PANEL

PLOT SCALE: $SCALE$
PLOT DATE: $PLOTDATE$
MODEL: $MODELNAME$
FILENAME: $FILE$

ATLAS ENGINEERING GROUP, LTD.

VARIOUS LOCATIONS

COUNTY HIGHWAY:	MULTI
FISCAL YEAR:	XXXX
SECTION:	XXX-XXX

COUNTY OF COOK
DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

COMPUTED: ---
DRAWN: ---
CHECKED: ---

REVISIONS	DATE
	MM/DD/YR

PROJECT NAME
CURB RAMP DETAIL TEMPLATE

ADA – XX

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	60
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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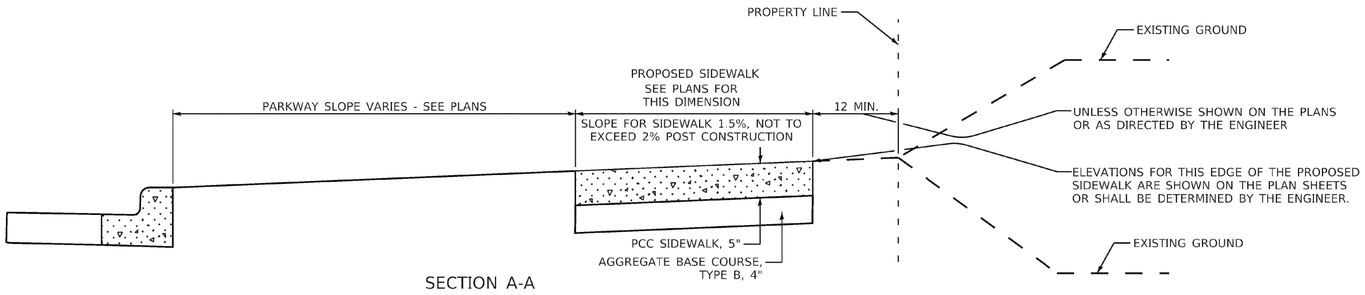
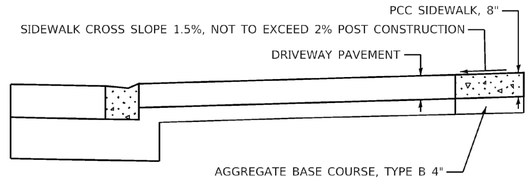
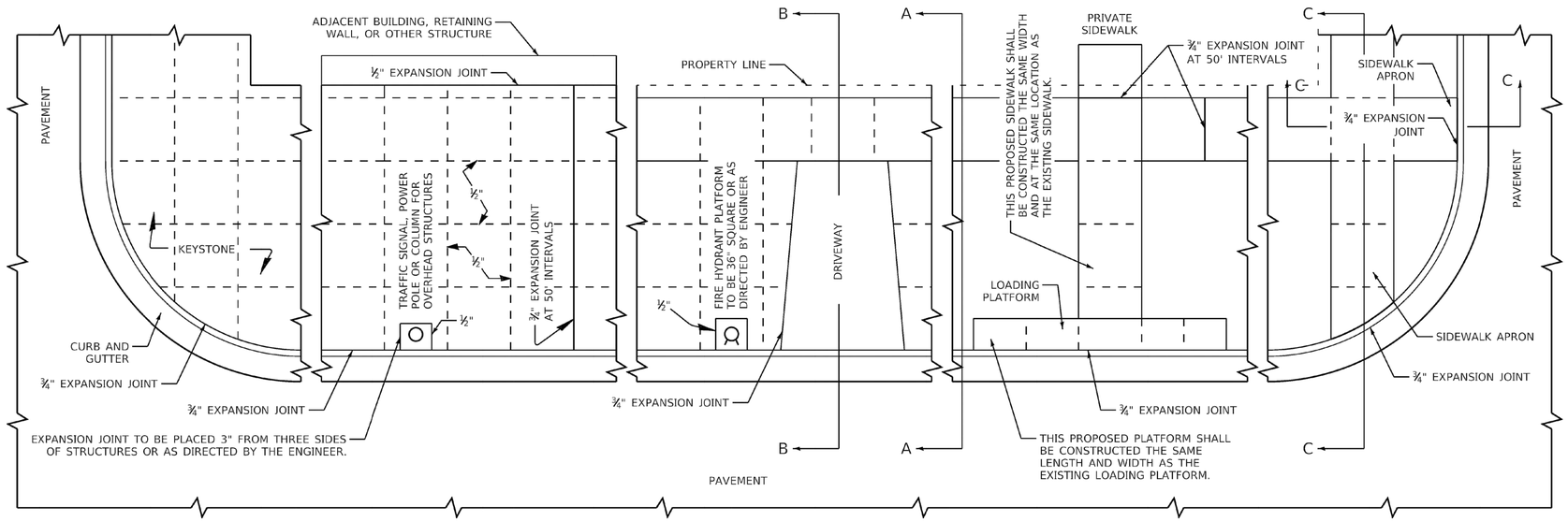
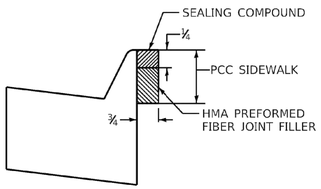


SECTION A-A

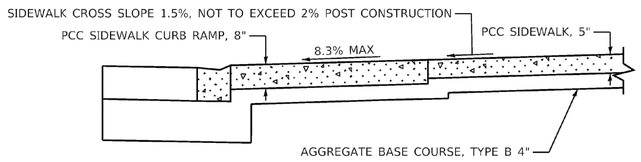


SECTION B-B





EXPANSION JOINT DETAIL



SECTION C-C

GENERAL NOTES:

ALL EXPANSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 424.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAY: XXX FISCAL YEAR: XXXX SECTION: XX-XXXXX-XX-XX	COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: XXX DRAWN: XXX CHECKED: XXX	REVISIONS GENERAL NEW DRAWING SECTION C-C	DATE 1/1/20 11/10/22	PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-003	C-XXX NOT TO SCALE SHEET X

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK / 64 / 61
	CHECKED: YG					VERTICAL:	STA. / TO STA.
	DATE: APRIL 2025					PROJECT NO. 11-3996-02	

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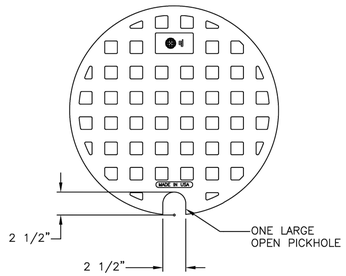
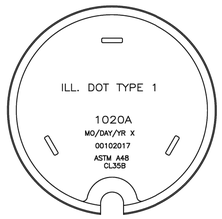
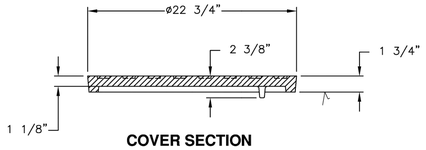
1020A Cover



PLAN VIEW



BOTTOM VIEW



COVER SECTION

Product Number
00102017

Design Features
-Materials
Gray Iron (CL35B)
-Design Load
Heavy Duty
-Open Area
n/a
-Coating
Undipped
-√ Designates Machined Surface

Certification
- ASTM A48
-
-
-Country of Origin: USA

Drawing Revision
03/03/2006 Designer: TCL
05/30/2013 Revised By: DVD

Disclaimer
Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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800 626 4653
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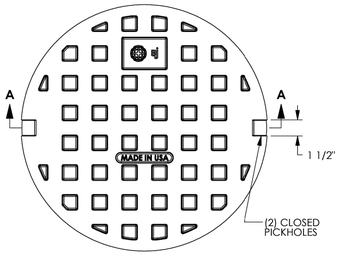
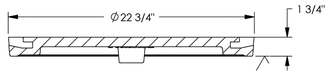
1020A Cover





SECTION A-A



BOTTOM VIEW

Product Number
00102052

Design Features
-Materials
Gray Iron (CL35B)
-Design Load
Heavy Duty
-Open Area
-Coating
Dipped
-√ Designates Machined Surface

Certification
-ASTM A48
-
-Country of Origin: USA

Drawing Revision
1/30/2002 Designer: DEW
12/7/2016 Revised By: MAH

Disclaimer
Weights (lbs/kg), dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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Contact
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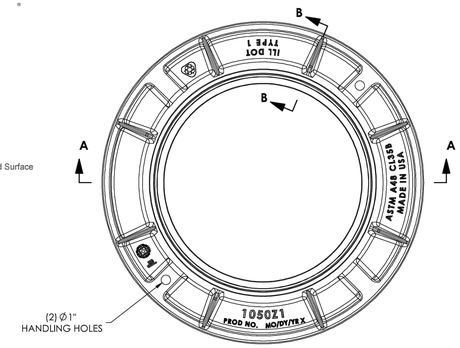
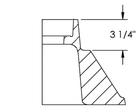
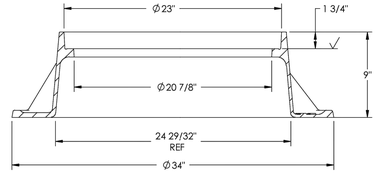
1050Z1 Frame





SECTION B-B



SECTION A-A

Product Number
00105012

Design Features
-Materials
Gray Iron (CL35B)
-Design Load
Heavy Duty
-Open Area
n/a
-Coating
Undipped
-√ Designates Machined Surface

Certification
-ASTM A48
-
-
-Country of Origin: USA

Drawing Revision
11/11/2008 Designer: DEF
4/23/2020 Revised By: DEF

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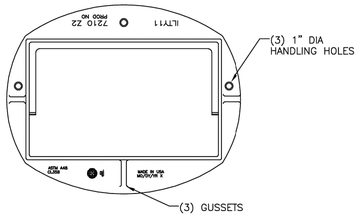
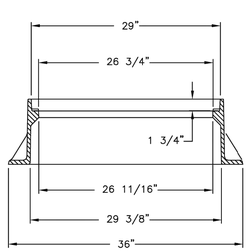
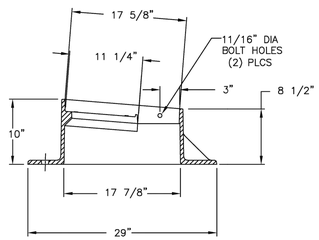
7210Z2 Curb Inlet Frame





FRAME SECTION



FRAME SECTION

Product Number
00721013

Design Features
-Materials
Gray Iron (CL35B)
-Load Rating
Heavy Duty
-Open Area
n/a
-Coating
Undipped
-√ Designates Machined Surface

Certification
- ASTM A48
-
-
-Country of Origin: USA

Drawing Revision
2/13/2004 Designer: DEW
7/20/2023 Revised By: MAH

Disclaimer
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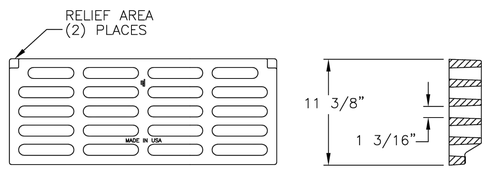
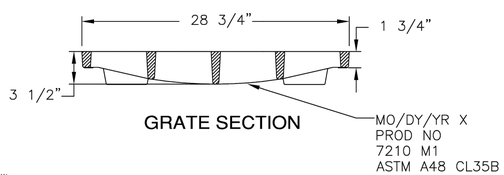
7210M1 Grate



GRATE SECTION



GRATE SECTION

Product Number
00721031

Design Features
-Materials
Gray Iron (CL35B)
-Design Load
Heavy Duty
-Open Area
132.44 SQ.IN.
-Coating
Undipped
-√ Designates Machined Surface

Certification
- ASTM A48
-
-
-Country of Origin: USA

Drawing Revision
11/6/2008 Designer: JIJ
11/12/2018 Revised By: MAH

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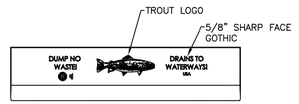
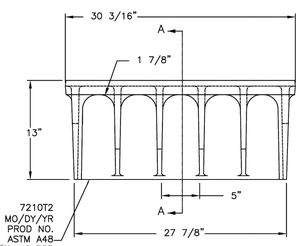
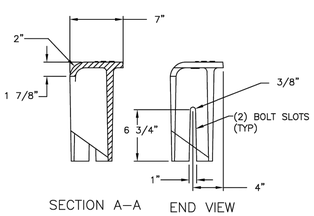
7210T2 Hood



TOP VIEW



FRONT ELEVATION



SECTION A-A END VIEW

Product Number
00721065

Design Features
-Materials
Gray Iron (CL35B)
-Design Load
Heavy Duty
-Open Area
n/a
-Coating
Undipped
-√ Designates Machined Surface

Certification
- ASTM A48
-
-
-Country of Origin: USA

Drawing Revision
11/08/2005 Designer: SBB
2/5/2019 Revised By: DAE

Disclaimer
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	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	62
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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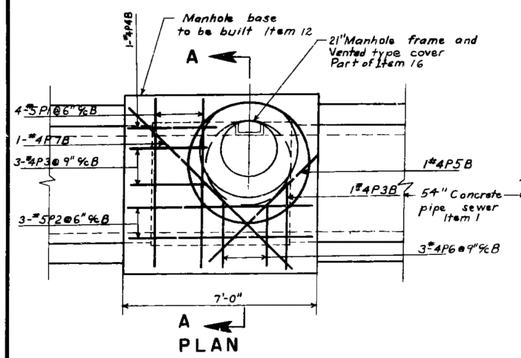

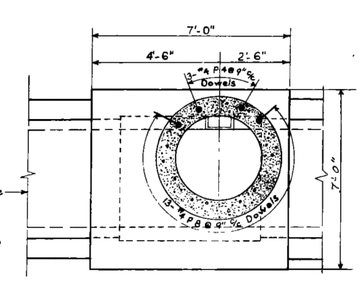

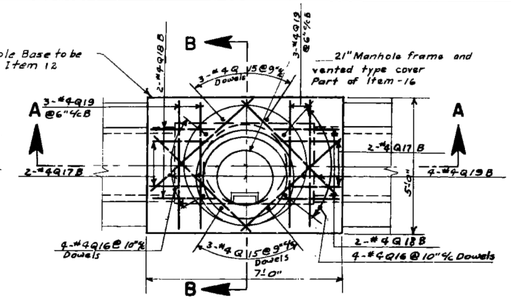

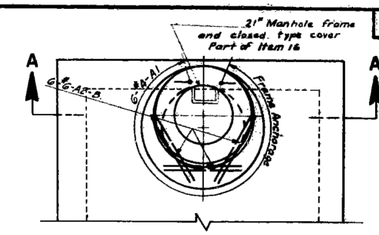

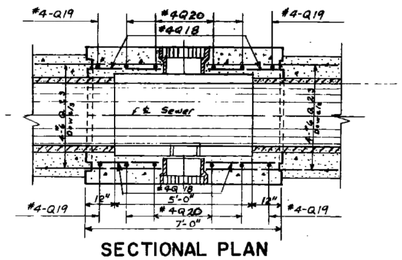

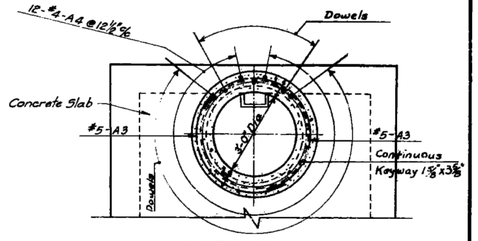

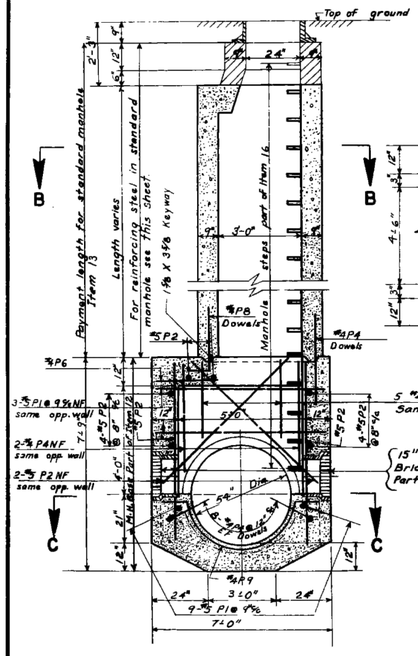

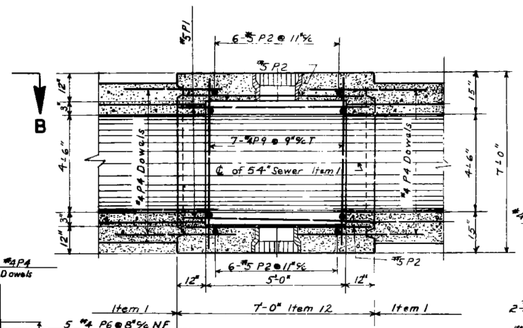

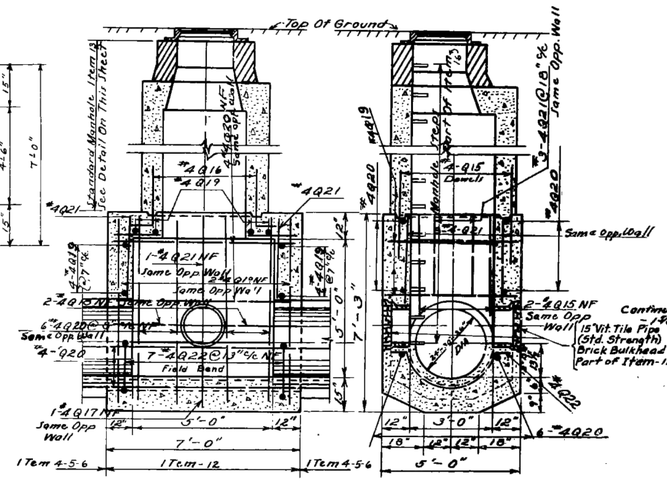

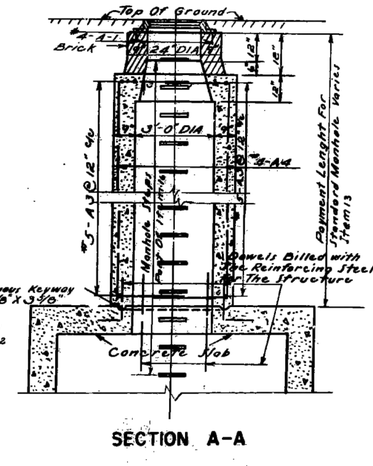

MANHOLE BASE ON 54" SEWER

Item- 12
Scale: ½"=1'-0"

MANHOLE BASE ON 24"-30"-36" SEWERS

Item 12
Scale: ½"=1'-0"

STANDARD MANHOLE FOR STRUCTURES

Item 13
Scale: ½"=1'-0"

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

UPPER DES PLAINES INTERCEPTING SEWER

CONTRACT NO. 11-D

MANHOLE BASES AND STD. MANHOLE DETAILS

103P P1390

SCALES SHOWN ARE

SCALES OF TRACINGS

MAY, 1957

SHEET NO. 20

DRAWN BY R. De Salvo-BERRY
TRACED BY D.J. Swiess
CHECKED BY J. Mirza - Berry
APPROVED BY J.W. Towne
Asst Engr. Sewer Design

BUILT AS SHOWN EXCEPT AS NOTED
E.J. Lopatowski
PROJECT ENGINEER

PLANS APPROVED AS WORKING PLAN
JOHN W. TOWNE
ASST. ENGR. OF SEWER DESIGN
DATE 5-6-57 BY

Correct R.W. Good
Engr. of Sewer Design
Approved
Assistant Chief Engineer
Approved
Chief Engineer

Note "A" on Sheet No 16 Applies to this Sheet

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	EXISTING MWRD DETAILS – FOR REFERENCE ONLY	SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: AI					HORIZONTAL:	COOK	64	63
	CHECKED: YG					VERTICAL:	STA.	TO STA.	
	DATE: APRIL 2025					PROJECT NO. 11-3996-02			

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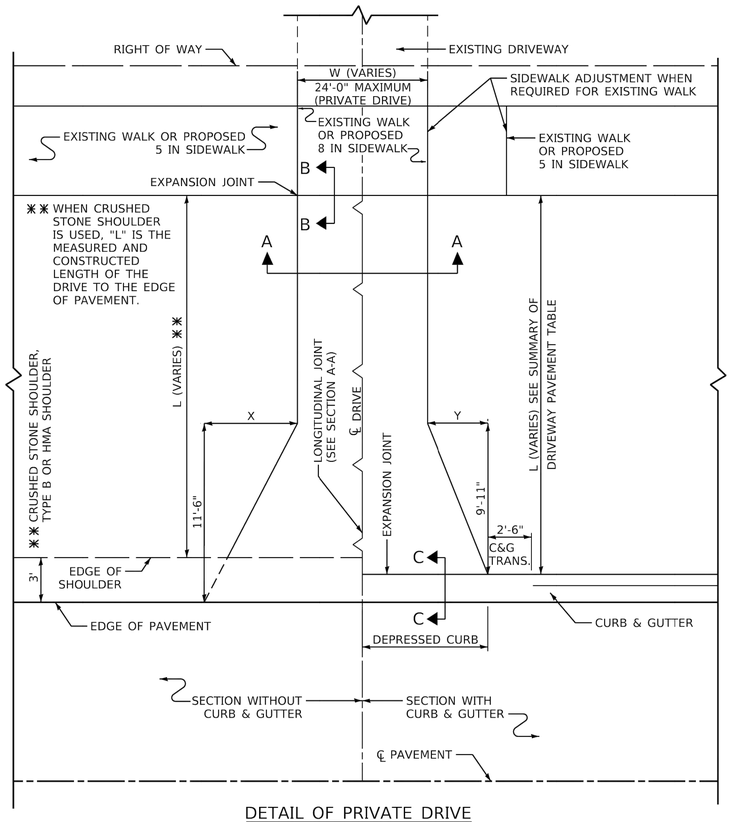
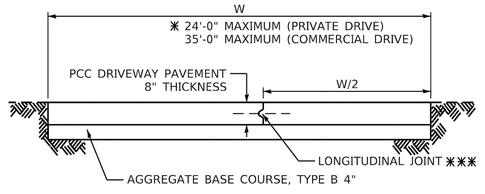
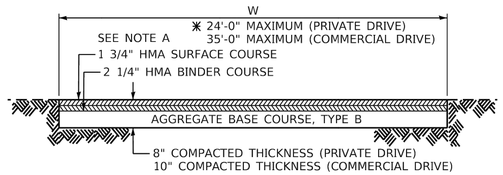


DETAIL OF PRIVATE DRIVE

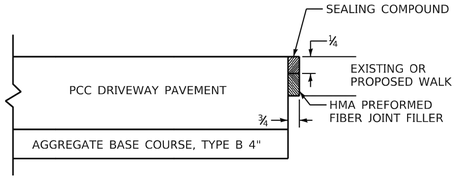


✱✱✱ WHEN 'W' IS GREATER THAN 16'-0", A LONGITUDINAL CONSTRUCTION JOINT AS DETAILED ON IDOT HIGHWAY STANDARD 420001 SHALL BE USED AS SHOWN.

SECTION A-A PCC DRIVEWAY

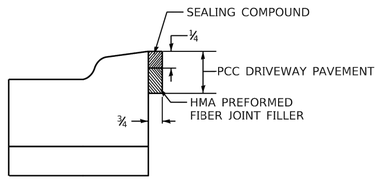


SECTION A-A HMA DRIVEWAY



SECTION B-B

THE EXPANSION JOINT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OR PER SQUARE YARD FOR PORTLAND CEMENT CONCRETE DRIVEWAY.



SECTION C-C

GUIDE FOR DRIVEWAY LENGTH

1. MEET EXISTING WALK (USE JOINT FOR PCC PAVEMENT SECTION B-B)
2. IF THERE IS NO EXISTING OR PROPOSED WALK, EXTEND TO RIGHT OF WAY LINE
3. IF THERE IS NO EXISTING WALK BUT A PROPOSED WALK IS REQUIRED, CONSTRUCT 8 INCH WALK FOR FULL DRIVEWAY WIDTH (SECTION B-B)
4. IF THERE IS A WALK ADJUSTMENT, CONSTRUCT 8" WALK FOR FULL DRIVEWAY WIDTH AND 5" WALK BEYOND.

QUANTITIES SHALL BE COMPUTED ON THE BASIS OF THE DRIVES EXTENDING TO SIDEWALK OR RIGHT OF WAY LINE AS SHOWN ON THE PLANS. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE FIELD ENGINEER TO DETERMINE THE ACTUAL LIMITS OF EACH INSTANCE.

CHART

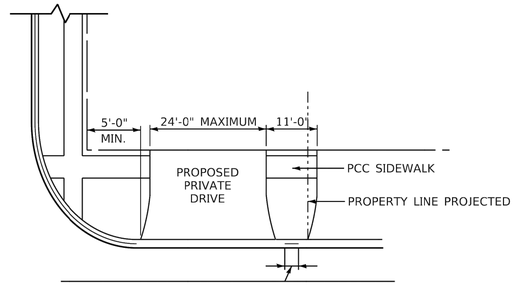
FOR DRIVEWAY WIDTH - W ✱ (FT)	X (FT)	Y (FT)
12	6.0	4.2
14 - 16	4.9	3.4
17 - 18	4.0	2.9
OVER 18	3.2	2.3

✱ PRIVATE DRIVES: 12'-0" MINIMUM, 24'-0" MAXIMUM

COMMERCIAL DRIVES: 12'-0" MINIMUM, 24'-0" MAXIMUM FOR 1-WAY OPERATION
24'-0" MINIMUM, 35'-0" MAXIMUM FOR 2-WAY OPERATION

MAXIMUM DRIVEWAY SLOPE

PROPERTY	URBAN	RURAL	RURAL (PERMIT WORK ONLY)
COMMERCIAL	6%	6%	10%
NON-COMMERCIAL	8%	8%	12%



DESIRABLE DISTANCE OF FULL CURB HEIGHT BETWEEN ADJACENT DRIVES SHALL BE 6'-0".
IT IS DESIRABLE THAT THE DRIVE RETURNS TERMINATE WITHIN THE PROPERTY LINE AS PROJECTED.

LIMITATIONS UPON PRIVATE DRIVES

AT STREET INTERSECTIONS
MAXIMUM WIDTH & MINIMUM DISTANCE
BETWEEN DRIVES

NOTE A

FOR HMA DRIVEWAYS: AS AN ALTERNATE TO THE 1 3/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5, N70, AND THE 2 1/4" HOT-MIX ASPHALT CONCRETE BINDER COURSE, IL-19, N70 4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5 N70 MAY BE USED. IN THE EVENT THE CONTRACTOR ELECTS TO USE THIS ALTERNATE, THE ADDITIONAL 2 1/4" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5 N70 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT BINDER COURSE, IL-19, N70.

GENERAL NOTE:

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

SUMMARY OF DRIVEWAY PAVEMENT

STATION	"L"	"W"	SQ YD PCC DRIVEWAY PAVEMENT	SQ YD HMA DRIVEWAY PAVEMENT		STATION	"L"	"W"	SQ YD PCC DRIVEWAY PAVEMENT	SQ YD HMA DRIVEWAY PAVEMENT

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAY: XXX FISCAL YEAR: XXXX SECTION: XX-XXXXX-XX-XX	COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: XXX DRAWN: XXX CHECKED: XXX

REVISIONS	DATE
GENERAL	1/1/20

PRIVATE AND COMMERCIAL DRIVE DETAIL
COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
STANDARD C-002

C-XXX

NOT TO SCALE SHEET X

	DESIGNED: BP			ALGONQUIN RD SEWER CAPACITY IMPROVEMENTS	DETAILS	
	DRAWN: AI					
	CHECKED: YG					
	DATE: APRIL 2025					

SCALES	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZONTAL:	COOK	64	64
VERTICAL:	STA.	TO STA.	
PROJECT NO. 11-3996-02			

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VILLAGE OF ARLINGTON HEIGHTS
AFFIDAVIT OF COMPLIANCE

Applicant Dimeo Bros Inc
Name

800 Nicholas Blvd Elk Grove Village IL 60007
Address

As a condition of entering into a contract with the Village of Arlington Heights, and under oath and penalty of perjury and possible termination of contract right and debarment, the undersigned, John Dimeo, being first duly sworn on oath, deposes and states that he or she is Secretary (sole owner, partner, joint ventured, President, Secretary, etc..) of Dimeo Bros Inc and has the authority to
(Name of Company)
make all certifications required by this affidavit.

Section I

Non Collusion

The undersigned certifies that this bid is genuine and not collusive or sham, that said bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person, to fix the bid price element of this bid, or of that of any other bidder, or to secure any advantage against any other bidder or any person interested in the proposed contract.

Section II

Bid Rigging and Rotating

The undersigned hereby certifies that it is not barred from bidding or contracting as a result of a conviction for violations of state laws prohibiting bid rigging or bid rotating or any similar offense of any state of the United States.

Section III

Illinois Drug Free Workplace Act

The undersigned further states that DiMeo Bros Inc provides a
(Name of Company)
drug free workplace pursuant to Illinois Statues, 30 ILCS 580/1, et seq and provides compliance with necessary requirements.

Section IV

Tax Payment

The undersigned further states that DiMeo Bros Inc is not
(Name of Company)
delinquent in payment of any taxes to the Illinois Department of Revenue, in accordance with Illinois Compiled Statues, 65 ILCS 5/11-42.1. The undersigned understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition voids the contract and allows the municipality to recover all amounts paid to the individual or entity under the contract in civil action.

It is expressly understood the foregoing statements and representations and promises are made as a condition to the right of the bidder to receive payment under any award made under the terms and provisions of this bid.

The undersigned certifies that all the information contained in the Affidavit is true and correct.

Signed by: [signature]
(Name)
(Title)

Subscribed and sworn to before me this 22 day of May 2025 AD.

By: [signature]
(Notary Public)

-Seal-
OFFICIAL SEAL
CAMILLE BARTYZEL
Notary Public, State of Illinois
Commission No. 685783
My Commission Expires October 31, 2027

VILLAGE OF ARLINGTON HEIGHTS
INDEMNITY HOLD HARMLESS AGREEMENT

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify and hold harmless the Village of Arlington Heights, its Board of Trustees, officers, agents and employees from any and all liability, losses or damages the Village may suffer as a result of claims, demands, suits, actions or proceedings of any kind or nature in any way resulting from or arising out of any action on the part of the Contractor or any Subcontractor. The Contractor shall, at its own expense; appear, defend and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connections therewith, and, if any judgment shall be rendered against the Village of Arlington Heights, its Board of Trustees, officers, agents and employees, in any such action, the contractor shall, at its own expense, satisfy and discharge the same. This indemnification does not apply to liability caused by the Village's own negligence.

The Contractor expressly understands and agrees that any insurance policies required by this contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Village of Arlington Heights, its Board of Trustees, officers, agents and employees as herein provided.

CONTRACTOR: Dimeo Bros Inc

By: _____

VENDOR QUESTIONNAIRE

Company Name: DiMeo Bros. Inc

Address: 800 Nicholas Blvd

City: Elk Grove Village State: IL Zip: 60007

Phone: 847 640-2240 E-Mail: johne@dimeobros.com

Commodity: Site utilities Years in Business: 52

DBE (Disadvantaged Business Enterprise) Classification: Please indicate your DBE classification below, and provide any agency certifications you have received.

- ☐ MBE (Minority-Owned Business Enterprise): A business that is at least 51 percent owned by one or more minorities. A person who is a U.S. citizen or lawful permanent resident and is African American, Hispanic American, Asian American, Native American, as well as other groups found to be disadvantaged pursuant to Section 8 (a) of the Small Business Act.
- ☐ WBE (Women-Owned Business Enterprise): A business that is at least 51 percent owned by a woman or women who are United States Citizens or lawful permanent residents of the United States.
- ☐ DOBE (Disability-Owned Business Enterprise): A business that is at least 51 percent owned by a person or group of persons with a disability, as recognized by the Americans with Disabilities Act.
- ☐ VOSB (Veteran-Owned Small Business): A business that meets the qualifications to be a small business according to the SBA, and is at least 51 percent owned, operated and controlled by a veteran.
- ☒ Not Applicable

Certifications:
Agency/Institution: —

Phone: — Approval Date: —

I hereby certify that the information supplied in this form is complete and correct to the best of my knowledge and belief. I authorize The Village of Arlington Heights to verify any of this information as needed.

Signature: [signature] Title: Secretary

Name: Tom DiMeo Date: May 22, 2025

VILLAGE OF ARLINGTON HEIGHTS, ILLINOIS
ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS
BID PROPOSAL

The undersigned submits herewith his schedule of prices covering the work to be performed under this contract; he understands that he must show in the schedule the unit prices for which he proposes to perform each item of work, that the extensions must be made by him, and that if not so done his proposal may be rejected as irregular.

BASE BID

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	PRECONSTRUCTION SURFACE VIDEO RECORDING	LS	1	2,500-	2,500-
2	MOBILIZATION AND ACCESS	LS	1	150,000-	150,000-
3	CONSTRUCTION LAYOUT	LS	1	25,000-	25,000-
4	CHANGEABLE MESSAGE SIGN	CAL DA	196	45-	8,820-
5	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,467	.80-	1,173.60
6	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	100	7-	700-
7	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	2,000	1.50	3,000-
8	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	500	2.-	1,000-
9	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	250	4-	1,000-
10	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	100	7-	700-
11	TEMPORARY CONCRETE BARRIER	FOOT	230	60-	13,800-
12	PINNING TEMPORARY CONCRETE BARRIER	EACH	50	30-	1,500-
13	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	150	40-	6,000-
14	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	6,000-	6,000-
15	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	3,000-	3,000-
16	BARRIER WALL REFLECTORS, TYPE C	EACH	75	20-	1,500-
17	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	500	11-	5,500-
18	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	200,000-	200,000-
19	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	70	7-	490-
20	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	70	60-	4,200-

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
21	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	11	900-	9,900-
22	TEMPORARY INFORMATION SIGNING	SQ FT	548	16-	8,768-
23	BYPASS PUMPING	LS	1	60,000-	60,000-
24	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SF	80	9-	720-
25	THERMOPLASTIC PAVEMENT MARKINGS - LINES 4"	LF	940	3-	2,820-
26	THERMOPLASTIC PAVEMENT MARKINGS - LINES 6"	LF	530	4-	2,120-
27	THERMOPLASTIC PAVEMENT MARKINGS - LINES 12"	LF	50	6-	300-
28	THERMOPLASTIC PAVEMENT MARKINGS - LINES 24"	LF	50	9-	450-
29	THERMOPLASTIC PAVEMENT MARKINGS - DOUBLE YELLOW LINES 4"	LF	670	3-	2,010-
31	REPLACE STREET LIGHT WIRING	LF	100	110-	11,000-
32	STABILIZED CONSTRUCTION ENTRANCE	EA	1	4,000-	4,000-
33	DETECTOR LOOP REPLACEMENT	LF	800	90-	72,000-
34	INLET FILTERS	EACH	44	150-	6,600-
35	SILT FENCE	LF	600	3-	1,800-
36	SANITARY LATERAL, OPEN CUT, 6", PVC, ASTM D3034, SDR 26	LF	139	200-	27,800-
37	SANITARY SEWERS, OPEN CUT, 8", PVC, ASTM D3034, SDR 26, 8 TO 16 FT DEEP	LF	693	240-	166,320-
38	SANITARY SEWERS, OPEN CUT, 12", PVC, AWWA C900, DR 25, 8 TO 12 FT DEEP	LF	35	300-	10,500-
39	SANITARY SEWERS, OPEN CUT, 12", VCP, ASTM C4, C700, 24 TO 28 FT DEEP	LF	23	325-	7,475-
40	SANITARY SEWERS, OPEN CUT, 15", PVC, AWWA C900, DR 25, 12 TO 16 FT DEEP	LF	20	375-	7,500-
41	SANITARY SEWERS, OPEN CUT, 24", PVC, AWWA C900, DR 25, 12 TO 20 FT DEEP	LF	2,704	590-	1,595,360-
42	STORM SEWERS, OPEN CUT, 12", RCP, CLASS IV, 0 TO 8 FT DEEP	LF	229	110-	25,190-
43	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP	EA	1	8,500-	8,500-
44	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 12 TO 16 FT DEEP	EA	3	10,000-	30,000
45	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 16 TO 20 FT DEEP	EA	5	12,000-	60,000-
46	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, 12 TO 16 FT DEEP	EA	1	15,000-	15,000-
47	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, 16 TO 20 FT DEEP	EA	1	15,000-	15,000-

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
48	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 8 TO 12 FT DEEP	EA	1	15,000-	15,000-
49	SANITARY MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 16 TO 20 FT DEEP	EA	2	17,500-	35,000-
50	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ INSIDE DROP, 16 TO 20 FT DEEP	EA	1	20,000-	20,000-
51	SANITARY MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID, W/ OUTSIDE DROP, 24 TO 28 FT DEEP	EA	1	60,000-	60,000-
52	STORM MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, 8 TO 12 FT DEEP	EA	1	6,000-	6,000-
53	STORM CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME & GRATE, OPEN LID, 0 TO 8 FT DEEP	EA	1	6,000-	6,000-
54	CONNECTION TO EXISTING MANHOLE	EA	1	5,000-	5,000-
55	CORE INTO EXISTING MWRD MANHOLE	EA	1	50,000-	50,000-
56	ABANDON STRUCTURES	EA	7	500	3,500-
57	PLUG PIPE	EA	2	2,500-	5,000-
58	ABANDON SANITARY SEWER - FLOWABLE FILL	CY	178	210-	37,380-
59	TRENCH BACKFILL - CA-6	CY	11,550	30-	346,500-
60	TRENCH BACKFILL - FA-6	CY	2,176	30-	65,280-
61	SANITARY SEWER SERVICE CONNECTION	EA	4	1,000-	4,000-
62	ADDITIONAL SANITARY SEWER SERVICE REPLACEMENT	LF	20	150-	3,000-
63	WATERMAIN ADJUSTMENT	LF	110	150-	16,500-
64	LINE STOP, 8"-12"	EA	4	7,000-	28,000-
65	SEED AND BLANKET	SY	124	6-	744-
66	SALT TOLERANT SOD	SY	70	24-	1,680-
67	TOPSOIL FURNISH AND PLACE, 4"	SY	198	6-	1,188-
68	STORAGE AREA RESTORATION	EA	1	30,000-	30,000-
69	CONCRETE CURB REMOVAL AND REPLACEMENT (B6.12)	LF	45	60-	2,700-
70	CONCRETE CURB REMOVAL AND REPLACEMENT (B6.24)	LF	140	46-	9,240-
71	PORTLAND CEMENT CONCRETE SIDEWALK	SF	794	11-	8,734-
72	COMMERCIAL PORTLAND CEMENT CONCRETE DRIVEWAY	SY	31	120-	3,720-

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
73	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT	SY	13	110-	1,430-
74	PCC BASECOURSE, 10"	SY	4,835	100-	483,500-
75	HMA SURFACE COURSE IL-9.5 , MIX "D" N70, 2"	TON	130	160-	20,800-
76	HMA SURFACE COURSE IL-9.5 , MIX "D" N70, 2.5"	TON	460	150-	69,000-
77	BITUMINOUS MATERIALS (TACK COAT)	LBS	2,062	.20-	412.40
78	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINTS	SY	168	20-	3,360-
79	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	CY	100	25-	2,500-
80	NON-SPECIAL WASTE DISPOSAL	CY	100	75-	7,500
81	SUBBASE GRANULAR MATERIAL, TYPE A, 12"	CY	180	40-	7,200-
82	CONTINGENT CASH ALLOWANCE	L SUM	1	$100,000	$100,000

TOTAL BASE BID: 4,046,885-

Four million forty-six thousand eight hundred eighty-five dollars-

(TOTAL BASE BID IN WRITING)

Company name: Dimeo Bros Inc

Address: 800 Nicholas Blvd

Elk Grove Village IL 60007

Signature: J. D. Mee

Print Name: John D. Mee

Title Owner

Email address: john@dimeobros.com

Phone number: 847-640-2240

Date: 5/22/2025

Illinois Department of Transportation

Affidavit of Availability

For the Letting of 05/22/25

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	storm	wm 2	3	4	Awards Pending	Accumulated Totals
Contract Number	Ahwahnee	Ahwahnee	Fir	Sequoia		
Contract With	Lake Forest	Lake Forest	Glenview	Glenview		
Estimated Completion Date	7/2025	12/2025	7/2025	11/2025		
Total Contract Price	3,294,990	579,800	3,067,088	2,025,235		
Uncompleted Dollar Value if Firm is the Prime Contractor	1,051,458	579,800	2,336,000	1,098,792		5,066,050
Uncompleted Dollar Value if Firm is the Subcontractor						
					Total Value of All Work	5,066,050

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving	258,910		45,797.50	55,000		359,707.50
HMA Plant Mix						
HMA Paving	406,815		45,797.50	45,500		498,112.50
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage	319,733	579,800	2,134,405	986,292		4,020,230
Electrical			60,000			60,000
Cover and Seal Coats						
Concrete Construction						
Landscaping	66,000		50,000	12,000		128,000
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals	1,051,458	579,800	2,336,000	1,098,792		5,066,050

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director: John DiMeo

Title: See.

Signature: J. DiMeo

Date: 5/22/25

Company: DiMeo Bros Inc

Address: 80 Nicholas Blvd

City: Oak Grove Village

State: IL

Zip Code: 60007

Subscribed and sworn to before me this 22 day of May, 2025

Camille Bartyzel
(Signature of Notary Public)

My commission expires 10/31/2027

OFFICIAL SEAL
CAMILLE BARTYZEL
Notary Public, State of Illinois
Commission No. 685783
My Commission Expires October 31, 2027

(Notary Seal)

☐ Add pages for additional contracts

Illinois Department of Transportation

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
					Total Value of All Work	

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HMA Plant Mix						
HMA Paving						
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Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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Part III. Work Subcontracted to Others.

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	2	3	4	Awards Pending	1
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____ , _____

_____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts

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Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
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Drainage						
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Officer or Director

Title

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Address

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this _____ day of _____ , _____

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State

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Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
					Total Value of All Work	

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____ , _____

_____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

VILLAGE OF ARLINGTON HEIGHTS

PROJECT: **Village of Arlington Heights, Algonquin Road Sewer Capacity Improvements**

BID OPENING: Thursday, May 22, 2025, at 10:00 A.M.

ADDENDUM NO. 1

Instructions: Please sign and date this receipt as acknowledgement of ADDENDUM NO. 1 for the above-referenced project and submit it with your bid.

Failure to return this form may result in disqualification of the Bidder.

Bidder's Acknowledgment of Receipt:

Company Name: DiNeo Bros Inc

Signature: J. Dal Neo

Print Name Tom DiNeo

Title: Owner

Date: 5/19/2025

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Date: Friday, May 16, 2025

ADDENDUM No. 1

TO: All Bidders on the following Project

PROJECT: **Village of Arlington Heights, Algonquin Road Sewer Capacity Improvements**

BID OPENING: Thursday, May 22, 2025, at 10:00 A.M.

The following addendum shall be included and is considered part of the bid documents. The Bidder shall acknowledge receipt of this addendum and inclusion in the bid by including a signed copy with the sealed bid submitted. Failure to return this form may result in disqualification of the Bidder.

ADDENDUM No. 1 CONSISTS OF FIFTY-SIX (56) PAGES IN TOTAL: In addition to the nine (9) Addendum pages, there are fourteen (14) pages for the Bid Proposal and Affidavit of Availability, and thirty-three (33) plan sheets.

CLARIFICATIONS:

1. General Statements
    a. The bid is available to download online at the following link: https://vilofarlingtonheightsil.munisselfservice.com/vss/Vendors/VBids/Default.aspx and use Bid # 250008.
    b. The bid shall be submitted electronically and shall include the 3 following bid documents: **Bid Bond, Bid proposal and Affidavit of Availability, and the signed addendum no. 1**.
    c. Any issues with uploading the bid documents, please contact **Lisa Subrin** (Purchasing Coordinator) at lsubrin@vah.com.

d. The bid opening will be in-person at the following address:
   33 S. Arlington Heights Road, Arlington Heights, IL 60005
e. Bid tabs will be available upon request to Lisa Subrin (Purchasing Coordinator) at lsubrin@vah.com

2. Please also refer to attached "Questions & Answers".

CHANGE THE FOLLOWING ITEM(S) IN THE BID DOCUMENTS

BID PROPOSAL AND AFFIDAVIT OF AVAILABILITY:

DELETE the entire Bid Proposal and Affidavit of Availability.

REPLACE with the new Bid Proposal and Affidavit of Availability.

PROJECT SPECIAL PROVISIONS FOR CONTRACT ITEMS:

1. **ITEM #30: RAISED REFLECTIVE PAVEMENT MARKER, TYPE B**

DELETE the entire item. It is a duplicate of earlier sections covering the same work. The item numbering will remain the same, with item #30 being removed from the Specifications, Bid Form, and Summary of Quantities.

2. **ITEMS #36 - #37: SANITARY SEWER PIPE, PVC, ASTM D 3034 SDR 26, 6'' 8'', OPEN CUT**

REPLACE the Sewer Testing section with the following:

Sewer Testing.

- Low Pressure Air Test: After installation of the pipe, each reach shall be tested with the method as outlined in Standard Specifications for water and sewer Construction in Illinois, latest edition. The low-pressure air test shall be done in accordance with ASTM F1417.

- Deflection: Perform deflection tests on all pipes after the final backfill has been in place at least 30 days. Maximum allowable long-term deflection shall not exceed 5% of the average initial diameter. Tests shall be performed using a rigid ball or mandrel with a diameter equal to 95% of the average inside diameter of the pipe taking into consideration manufacturing tolerances. Tests shall be performed without mechanical pulling devices. The deflection test shall be done in accordance with ASTM F679.

- CCTV Inspection: After installation of the pipe, Contractor shall TV inspect the line. Prior to televising the sewer, the Contractor shall at his own expense, clean the sewer line with a jetter or other equipment approved by the Engineer.

- All field tests shall be scheduled and coordinated with the Engineer.

Upon completion of such inspection, and upon receipt of a written report of such inspection, together with an external hard drive of the actual inspection, and, if satisfied that such sewer is free and clear of all foreign substance, and free of all structural defects, the Engineer shall give approval of the sanitary sewer. All inspection reports and video recordings shall remain the property of the Village.

3. **ITEMS #38, #40, #41 SANITARY SEWER PIPE, PVC, AWWA C900, DR 25, 12"- 24", OPEN CUT, ALL DEPTHS**

REPLACE the Sewer Testing section with the following:

Sewer Testing.

- Low Pressure Air Test: After installation of the pipe, each reach shall be tested with the method as outlined in Standard Specifications for water and sewer Construction in Illinois, latest edition. The low-pressure air test shall be done in accordance with ASTM F1417.

- CCTV Inspection: After installation of the pipe, Contractor shall TV inspect the line. Prior to televising the sewer, the Contractor shall at his own expense, clean the sewer line with a jetter or other equipment approved by the Engineer.

All field tests shall be scheduled and coordinated with the Engineer.

Upon completion of such inspection, and upon receipt of a written report of such inspection, together with an external hard drive of the actual inspection, and, if satisfied that such sewer is free and clear of all foreign substance, and free of all structural defects, the Engineer shall give approval of the sanitary sewer. All inspection reports and video recordings shall remain the property of the Village.

4. **ITEM #39: SANITARY SEWER PIPE, VCP, ASTM C4, C-700, 12", OPEN CUT, ALL DEPTHS**

INSERT the following:

Installation.

The VCP sewer pipe shall be installed in accordance with the latest edition of the VCP Engineering Manual published by the National Clay Pipe Institute (NCPI).

Sewer testing.

- Low Pressure Air Test: After installation of the pipe, each reach shall be tested with the method as outlined in Standard Specifications for water and sewer Construction in Illinois, latest edition. The low-pressure air test shall be done in accordance with ASTM F1417.

- CCTV Inspection: After installation of the pipe, Contractor shall TV inspect the line. Prior to televising the sewer, the Contractor shall at his own expense, clean the sewer line with a jetter or other equipment approved by the Engineer.

All field tests shall be scheduled and coordinated with the Engineer.

5. **ITEM #74: PCC BASECOURSE, 10"**

DELETE the following: "Reinforcement shall match the layout and sizing present in the adjacent concrete pavement."

INSERT into the Basis of Payment: "Installation of expansion joints, dowel bars, tie bars, patching reinforcement, and saw cuts are incidental to this pay item."

6. **ITEM #81: CONTINGENT CASH ALLOWANCE**

This item # is adjusted to Item #82.

7. **ITEM #81: SUBBASE GRANULAR MATERIAL, TYPE A, 12"**

INSERT the following as a new special provision:

Description. The Contractor shall furnish and install SUBBASE GRANULAR MATERIAL, TYPE A, 12" in accordance with the details shown on Sheet No. 7 of the plans for the Dempster Street restoration (designated as AGGREGATE SUBBASE, 12"), and in compliance with Section 311 of the IDOT Standard Specifications.

The subbase shall be crushed aggregate of CA-6 gradation.

Basis of Payment. This work will be paid per Cubic Yard for SUBBASE GRANULAR MATERIAL, TYPE A, 12".

PLAN SHEETS:

1. **COVER SHEET**

DELETE: Cover sheet in its entirety.

INSERT: Revised Cover Sheet 1R.

The revisions include the addition of petroleum line type.

2. **SUMMARY OF QUANTITIES**

DELETE: Sheet 4 in its entirety.

INSERT: Revised Sheet 4R.

The revisions include the following items:

- Revisions of quantities of some pay items.
- "RAISED REFLECTIVE PAVEMENT MARKER, TYPE B" pay item has been removed in its entirety.
- Addition of pay item "SUBBASE – GRANULAR MATERIAL, TYPE A, 12"".

3. PLAN & PROFILE SHEET – ALGONQUIN RD – 0+50 – 5+50

DELETE: Sheet 9 in its entirety.

INSERT: Revised Sheet 9R.

The revisions include the following items:

- Addition of coordination notes with West Shore Pipeline
- Revision of gas line to petroleum line.

4. PLAN & PROFILE SHEET – DEMPSTER ST – 30+00 – 35+50

DELETE: Sheet 14 in its entirety.

INSERT: Revised Sheet 14R.

The revisions include the following items:

- Clarification on proposed sewer inverts at existing structures MH-01675A & MH-01675B.
- Addition of cleanout inverts and rim to assist with proposed lateral slope.
- Proposed sanitary sewer between Proposed San. MH 16 to Proposed San. MH 14 has been lowered to meet required minimum lateral slope.
- Adjustments of approximate sanitary lateral connection elevations to sewer main.

5. PLAN & PROFILE SHEET – DEMPSTER ST – 35+50 – 39+75

DELETE: Sheet 15 in its entirety.

INSERT: Revised Sheet 15R.

The revisions include the following items:

- Adjustment of lateral elevations.
- Adjustment of slope from commercial building.

6. SUGGESTED SEQUENCE OF CONSTRUCTION - OVERALL

DELETE: Sheet 16 in its entirety.

INSERT: Revised Sheet 16R.

The revisions include the adjustments on the areas of impact for phases II & III.

7. SUGGESTED SEQUENCE OF CONSTRUCTION – PHASE I

DELETE: Sheet 17 in its entirety.

INSERT: Revised Sheet 17R.

The revisions include the following items:

- Note one (1) stating "Begin by installing proposed sanitary drop manhole 2 upstream of the existing MWRD structure." has been removed.

8. SUGGESTED SEQUENCE OF CONSTRUCTION – PHASE II

DELETE: Sheet 18 in its entirety.

INSERT: Revised Sheet 18R.

The Phase II construction area has been modified.

9. SUGGESTED SEQUENCE OF CONSTRUCTION – PHASE III

DELETE: Sheet 19 in its entirety.

INSERT: Revised Sheet 19R.

The Phase III construction area has been modified.

10. TRAFFIC DETOUR PLAN – OVERALL DETOUR

DELETE: Sheet 22 in its entirety.

INSERT: Revised Sheet 22R.

The revisions include the following items:

- Removal of duration of phased detours
- Removal of Note 4 (four).

11. TRAFFIC DETOUR PLAN – PHASE I – ALGONQUIN WEST

DELETE: Sheet 23 in its entirety.

INSERT: Revised Sheet 23R.

A Note eight (8) has been added to the Notes.

12. TRAFFIC DETOUR PLAN – PHASE II – DEMPSTER EAST

DELETE: Sheet 24 in its entirety.

INSERT: Revised Sheet 24R.

A Note nine (9) has been added to the Notes.

13. TRAFFIC DETOUR PLAN – PHASE IV – DEMPSTER WEST

DELETE: Sheet 25 in its entirety.

INSERT: Revised Sheet 25R.

A Note eight (8) has been added to the Notes.

14. MAINTENANCE OF TRAFFIC

INSERT: Maintenance of Traffic sheets beginning on page 26.

Twenty [20] sheets for Maintenance of Traffic have been inserted into the construction plan set.

QUESTIONS FROM POTENTIAL BIDDERS AND ANSWERS

Q: Note 1 on sheet 17, is this accurate? This will make the construction of the 12" VCP pipe challenging.

A: This note has been removed as part of this addendum.

Q: Is the pressure test requirement of 150 PSI for the 24" sewer accurate?

A: No, this has been updated as part of this addendum.

Q: What are the IDOT and CCDOTH permit bond amounts?

A: Upon issuance of the permit, IDOT and CCDOTH will determine the amounts. The amount will correlate with projects of similar size and scope.

Q: Can recycled trench backfill be used?

A: Recycled backfill can be used, per specifications.

Q: Is there a separate pay item for the restoration of the staging and storage area?

A: Item #68 covers staging and storage area restoration. All restoration is included in this pay item.

Q: Is the 12" subbase shown in the plans accurate? There is no specification covering this.

A: it is correct, and a new project provision pay item #81 covers the aggregate subbase for Dempster Street per CCDOTH requirements.

Q: Will tie bars and reinforcement be paid separately for the PCC base?

A: No, all work associated with the installation of the PCC base is included in pay Item #74

Bid Bond

CONTRACTOR:

DiMeo Brothers, Inc.
720 Richard Lane
Elk Grove, IL. 60007

SURETY:

Arch Insurance Company
3 Parkway, Suite 1500
Philadelphia, PA. 19102

This document has important legal consequences. Consultation with an attorney is encouraged with respect its completion or modification.
Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER: **Village of Arlington Heights**
33 S. Arlington Heights Road
Arlington Heights, IL. 60005

BOND AMOUNT: Ten Percent of Amount Bid (10% of Bid Amount)

PROJECT: Algonquin Road Sewer Capacity Improvements *(Name, location or address, and Project number, if any)*

Project Number, if any:

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

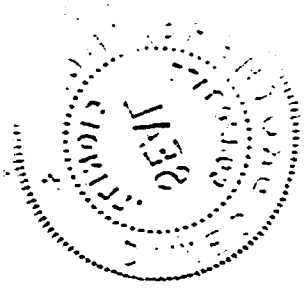
If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed the 22nd day May, 2025

(Witness)	Camille Bartyzel, Oper. Mgr.	*(Principal)*	DiMeo Brothers, Inc. *(Seal)*
		(Title)	*John DiMeo, Sec.-Treas.*
(Witness)	*John Nelson, Dept. Mgr.*	*(Surety)*	Arch Insurance Company *(Seal)*
		(Title)	*James Tragos, Attorney-in-Fact*

By arrangement with the American Institute of Architects, the National Association of Surety Bond Producers (NASBP) (www.nasbp.org) makes this form document available to its members, affiliates, and associates in Microsoft Word format for use in the regular course of surety business. NASBP vouches that the original text of this document conforms exactly to the text in AIA Document A310-2010, Bid Bond. Subsequent modifications may be made to the original text of this document by users, so careful review of its wording and consultation with an attorney are encouraged before its completion, execution or acceptance.



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:
That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Chris Bassler, James Tragos, Monical Kalman and Roneelynn Kelft of Northbrook, IL (EACH)

its true and lawful Attorney(s)in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed: Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding One Hundred Fifty Million Dollars ($150,000,000.00). This authority does not permit the same obligation to be split into two or more bonds In order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on August 31, 2022, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:
"**VOTED**, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on August 31, 2022:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on August 31, 2022, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company. **In Testimony Whereof**, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 7th day of December, 2023.

Attested and Certified

Regan A. Shulman, Secretary

Arch Insurance Company — Corporate Seal 1971 — Missouri

Arch Insurance Company

Stephen C. Ruschak, Executive Vice President

STATE OF PENNSYLVANIA SS
COUNTY OF PHILADELPHIA SS

I, **Michele Tripodi**, a Notary Public, do hereby certify that Regan A. Shulman and Stephen C. Ruschak personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

Commonwealth of Pennsylvania - Notary Seal
MICHELE TRIPODI, Notary Public
Philadelphia County
My Commission Expires July 31, 2025
Commission Number 1168622

Michele Tripodi, Notary Public
My commission expires 07/31/2025

CERTIFICATION
I, **Regan A. Shulman**, Secretary of the Arch Insurance Company, do hereby certify that the attached **Power of Attorney dated December 7, 2023** on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said Stephen C. Ruschak, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.
IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 22nd day of May, 2025.

Regan A. Shulman, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:
Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102

Arch Insurance Company — Corporate Seal 1971 — Missouri

To verify the authenticity of this Power of Attorney, please contact Arch Insurance Company at SuretyAuthentic@archinsurance.com Please refer to the above named Attorney-In-Fact and the details of the bond to which the power is attached.



VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Resolution Approving an Engineering Agreement for the Algonquin Road Sewer Capacity Improvement Project - Construction Observation and Other Engineering Related Services

Department: Public Works & Engineering

Item Description:

The approved 2025 Capital Budget includes $3,844,942, for the Algonquin Road Sewer Capacity Improvement project.

The need for the proposed improvements were first identified as part of a sanitary sewer study performed to analyze the south Tax Increment Financing (TIF) District. Based on the study information, it was determined that the existing 18" sewer main may be stressed during high flow events, once the area was fully developed. As a result, the project proposes installing a new 24" sanitary sewer main to handle the increase capacity that may be experienced from future developments.

The Village awarded a design engineering contract in 2024, to develop construction plans and specifications. The project was advertised for bid and is also proposed for approval by the Village Board at the June 2nd meeting. Construction is anticipated to start as early as possible, with anticipated completion before winter.

Staff requested a proposal from the design engineer, RJN Group, Inc. for Construction Observation and other related Engineering Services related to this project. The attached proposal outlines the duties, scope of services, construction inspection services, and hourly rates for the project. The total proposed cost for these Services is $419,000.

Funds are available for this work in Account No. 505-4001-550250 and 267-4001-550250 (SW2401).

RECOMMENDATION

It is recommended that the Village Board approve the Engineering Agreement with RJN Group, Inc. of Downers Grove, Illinois, to provide Construction Observation and other related Engineering Services related to the Algonquin Road

Sewer Capacity Improvement Project as authorized in the attached Resolution and execute the necessary documents.

ATTACHMENTS:

1 20250602_Engineering_Services_Algonquin_Sanitary_Sewer_Resolution_a
. nd_attachment

VILLAGE OF ARLINGTON HEIGHTS

RESOLUTION NO. _____

A RESOLUTION APPROVING AN AGREEMENT
RJN GROUP, INC, OF WARRENVILLE ILLINOIS
FOR PROFESSIONAL ENGINEERING SERVICES

WHEREAS, the Village desires to retain a qualified firm to provide Engineering Services, and other related Engineering Services associated with The Algonquin Sewer Project (*"Services"*); and

WHEREAS, the Village requested qualifications for qualified firms to complete the Services; and

WHEREAS, the Village has determined that the proposal submitted by RJN Group Inc, of Warrenville, Illinois (*"Consultant"*), is the most appropriate for the provision of the Services; and

WHEREAS, the Village and Consultant desire to enter into an agreement for the provision of the Services by Consultant (*"Agreement"*); and

WHEREAS, the Village President and Board of Trustees have determined that entering into the Agreement with Consultant will serve and be in the best interest of the Village;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. APPROVAL OF AGREEMENT. The Board of Trustees hereby approves the Agreement by and between the Village and Consultant, in substantially the form attached to this Resolution as Exhibit A, and in a final form to be approved by the Village Manager and the Village Attorney.

SECTION 3. EXECUTION OF AGREEMENT. The Village Manager and the Village Clerk are hereby authorized and directed to execute and attest, on behalf of the Village, the Agreement upon receipt by the Village Clerk of at least one original copy of the Agreement executed by Consultant; provided, however, that if the executed copy of the Agreement is not received by the Village Clerk within 60 days after the effective date of this Resolution, then this authority to execute and attest will, at the option of the President and Board of Trustees, be null and void.

SECTION 4. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 20__

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

AGREEMENT

May 20, 2025

Mr. Cris Papierniak
Engineering & Public Works Director
Village of Arlington Heights, IL
222 North Ridge Avenue
Arlington Heights, IL 60005

SUBJECT: ALGONQUIN ROAD SEWER CAPACITY IMPROVEMENTS PROJECT - ENGINEERING OVERSIGHT AND CONSTRUCTION MANAGEMENT SERVICES PROPOSAL

Dear Mr. Papierniak:

RJN Group, Inc is pleased to provide this proposal to the Village of Arlington Heights (Village) for engineering oversight and construction management services for the Algonquin Road Sewer Capacity Improvements Project.

The project involves installing **2,704 feet of 24-inch PVC pipe along westbound Algonquin Road between Busse Road and South Cedar Glen Drive, 693 feet of 8-inch PVC pipe on Dempster Street between Busse Road and West Algonquin Road, and 23 feet of 12-inch VCP pipe at the intersection of Busse Road and westbound Algonquin Road**. The scope of work includes providing all necessary materials, labor, and equipment for the construction of new sanitary sewers using open-cut excavation, constructing new manholes, reconnecting laterals, abandoning the existing sanitary sewer, restoring roadways, implementing traffic control measures, and completing any other miscellaneous tasks required to finish this improvement in accordance with the Plans, Standard Specifications, and Special Provisions. It also includes all coordination with stakeholders.

This comprehensive construction project will necessitate engineering oversight and construction management services. This proposal outlines our services required to successfully complete the project.

RJN, established in 1975, is a professional engineering consulting firm focused on providing innovative engineering solutions and field services. With over 90% of our clients being municipalities and public utilities, and over 85% of our work focused on sewer collection systems, we are uniquely qualified for this project.

Key Project Goals and Objectives

The primary objective of this project is the capacity increase of the Algonquin Road sewer that connects to a MWRD structure at the intersection with Busse Road.

There are many stakeholders for this project, so project coordination is a critical element of this project. In addition to the Village, the key stakeholders on this project include the following:

- Metropolitan Water Reclamation District of Greater Chicago (MWRD)
- Illinois Department of Transportation (IDOT)
- Cook County Department of Transportation and Highways (CCDOTH)
- Village of Mt. Prospect (Mt. Prospect)
- Various utility companies
- Adjacent property owners

The construction cost for this project is estimated to range between **$4.1 million and $4.5 million**.

The construction contract is anticipated to start **in July 2025**, contingent upon the acquisition of permits. The substantial completion date is set **for November 14, 2025**, with final completion expected **by November 29, 2025**.

Exhibit D provides a map of the overall project and of these sanitary sewer lines that need capacity increase.

PROJECT TEAM AND EXPERIENCE

Team

The RJN Team assigned to this project includes the following professionals: Mike Young as the Project Director, Yann Gallin as Project Manager, Mark Smith as Construction Manager, Alex Kintop as Construction Observer, Bobby Peters and Andrew Ico as Project Engineers, and Marco Lopez as GIS Senior Specialist. Yann Gallin will also oversee Client Management and Quality Assurance/Quality Control (QA/QC).

Experience

Over the last 50 years, RJN has successfully executed more than 2,000 sewer programs and assessed 291 million feet of pipelines. These comprehensive evaluations have culminated in nearly $400 million worth of construction improvements nationwide. Among the recent local endeavors are the 2024 Sanitary Sewer Rehabilitation Program and the Bluff Street Interceptor Rehabilitation Project.

ASSURING QUALITY AND SAFETY

Quality Assurance

RJN is committed to providing quality deliverables. RJN's internal quality control (QC) tools within our in-house data management software, as well as our corporate training and QC processes in place will ensure the project will provide value for the Village. As collection systems specialists, we have built data review processes that ensure that all data is accurate. RJN's internal Quality Control tools as well as our corporate training and Quality Assurance processes in place will ensure that program will provide value for the Village.

Clarity

Using Clarity®, RJN's in-house built data management and reporting software, the Village will have access to fully transparent construction activities.

Safety

As an employee-owned firm, RJN's commitment to the **safety** of our employees, Village staff, and the public is paramount. RJN demonstrates that commitment to safety in our internally developed and audited safety program where our goal is to have all field staff, engineers, and project managers "RJN Safety Certified." Every project follows RJN's health and safety guidelines when completing any field work.

PRICE AND SCHEDULE SUMMARY

This project will be invoiced on a time and material basis for **a total not-to-exceed fee of $419,000 (including a $20,000 contingency)**. Construction is scheduled to start **in Summer 2025** with a final completion date **by November 29, 2025**. The schedule will be controlled by the awarded Contractor and the obtention of the required permits.

The complete Scope of Services, Pricing, and Schedules are provided in the following exhibits:

- Exhibit A – Scope of Services
- Exhibit B – Pricing
- Exhibit C – Schedule
- Exhibit D – Maps

We are looking forward to the opportunity to work with the Village of Arlington Heights on this important project. It is our pleasure to submit this proposal to you. Please feel free to contact **Mike at 630.808.3566** if you would like to discuss this proposal or have any questions.

Sincerely,

Michael N. Young, PE
Senior Vice President

Yann Gallin
Principal Project Manager

EXHIBIT A
SCOPE OF SERVICES

RJN is proposing the following scope of services to complete this task.

1. Pre-Construction Coordination & Submittal Review:
    a. Prepare Contract Documents for execution by Village and Contractor. Review Contractor's insurance documents.
    b. Coordinate preconstruction meeting, prepare agenda, attend meeting, and prepare and distribute meeting minutes.
    c. Review Contractor's shop drawings, material submittals, schedule, bypass plans, traffic control plans, erosion control plans, pre-construction surface videos, construction phasing, etc.
    d. The assigned resident engineer will thoroughly review the contract documents and project plans prior to construction activities.

2. Resident Engineering & Construction Observation Services
    a. Provide resident engineering & construction observation and reports. A minimum of 4 hours will be charged when on site. This proposal is based on providing **976 hours** of construction observation services by Senior Construction manager and **244 hours** by Construction observer.
    b. Ensure that the Contractor provides notification to the residents of impacts to sewer and water service. Assist the Village with contacting property owners impacted by the construction, and coordinate with property owners during construction.
    c. Provide periodic inspection of erosion control and traffic control measures to ensure they are in accordance with the contract documents, and driveways/sidewalks are not blocked for extended periods.
    d. Provide daily documentation of the construction activities when on-site, including maintaining a daily project journal and taking digital photographs of all phases of the project, taking measurements for all quantities installed. RJN will provide access of daily reports to the Village for review via Clarity®, the RJN online platform.
    e. Alert the Contractor if equipment or materials are being installed prior to material submittal approval or if the wrong materials are being used. Provide field checks of materials and equipment, including enforcement of material testing.
    f. Provide observation services during construction testing where applicable. Review testing documentation submittals for compliance with plans and specifications. Prepare a preliminary and final punchlist. Submit to the Village for review and incorporate Village's comments. Submit to Contractor for completion.

3. Review of Pay Requests & Change Orders
    a. Review Contractor's payment applications including quantities, waivers, and transcripts of certified payroll.
    b. Review Contractor's proposed change orders & back up documentation.

4. Construction Documentation & Communication
    a. Document day to day activities and track project quantities.
    b. Answer RFI's.
    c. Discuss project issues with Contractor and Village.

5. Project Meetings & Coordination
    a. Coordinate & schedule project meetings.
    b. Prepare and distribute meeting minutes.
    c. Weekly meetings will be held on Wednesday mornings to prepare for the Village project update on Thursday.

6. Punchlist, Closeout & As-Built drawings
    a. Review Contractor's closeout documents.
    b. Compile all final documents and send them to the Village.
    c. Review Contractor's redlines & approve.
    d. Review Contractor As-built drawings & approve.
    e. RJN will prepare and provide record drawings in original AutoCAD format from the contractor's as-built plans based on the Construction Plan Set.

7. Permits and stakeholders coordination
    a. Coordinate permit requirements with the following agencies: IDOT, CCDOTH, MWRD, and IEPA.
    b. Coordinate with ComEd regarding the use of the construction staging and material storage area.
    c. Coordinate with West Shore Pipeline Company for the utility crossing just west of the intersection of Dempster St and Algonquin Rd.
    d. Coordinate with all "dry-utility" companies such as AT&T, Nicor Gas, etc.
    e. Complete and submit MWRD and IEPA Notice of Termination (NOT) via the CDX Exchange portal system.
    f. Coordinate with the Village of Arlington Heights and Village of Mount Prospect.
    g. Prepare and submit closeout documents related to the IDOT and CCDOTH permits.

8. Project Management & Contract Management
    a. Provide general project & contract management throughout the project.
    b. Submit weekly project updates to the Village for inclusion on its official website.

ITEMS TO BE PROVIDED BY THE VILLAGE

1. Assist the Contractor with communication with the residents impacted by the work located within the Village of Arlington Heights and the Village of Mount Prospect. Provide contact information for all residents impacted by the construction work.
2. Mailing of Village notifications to residents (if necessary).
3. Coordination and assistance with other consultants and/or contractors working in the area.
4. Assist RJN as needed to communicate with residents. Discuss contact communication outside of work hours.
5. Coordination assistance with other consultants and contractors working on various aspects of the Village sewer system.
6. Stakeholder coordination assistance when requested, including for permit documentation.
7. Weekly project updates for inclusion on Village website.

EXHIBIT B
PRICING

Based on the scope of services outlined above, the summary of Engineering Services Fees is as follows:

Pricing Terms for Invoicing: **Time and Material**

Not-To-Exceed Total Cost: **$419,000**

Task	Task Description	Cost
1001	Pre-Construction Coordination & Submittal Review	$30,300
1002	Resident Engineering and Construction Observation Services	$238,000
1003	Monthly Pay Requests & Recommendations	$18,300
1004	Testing review, Documentation & Development of Punchlist	$32,100
1005	Change Orders, Closeout & As-builts	$26,600
1006	Permits & Stakeholders coordination	$26,800
1007	Project Management & Contract Management	$26,900
1008	Contingency (*)	$20,000
	TOTAL	**$419,000**

(*) Contingency amount can only be used with Village approval.

PROPOSAL OPTION

This Proposal can be amended to include additional work upon joint approval by the Village and RJN.

2025 HOURLY WAGE RANGES

	Classification	2025 Rates (**)
PD	Project Director	$265.00
SPM	Senior Project Manager	$235.00
PM	Project Manager	$200.00
SCM	Sr. Construction Manager	$180.00
CM	Construction Manager	$170.00
CO	Construction Observer	$150.00
SPE	Senior Project Engineer	$170.00
PE	Project Engineer	$155.00
EI	Engineer I	$140.00
GSS	GIS Specialist	$135.00
GIS	GIS Analyst	$120.00
SDA	Senior Data Analyst	$135.00
DA	Data Analyst	$115.00
FM	Field Manager	$120.00
FS	Field Supervisor	$110.00
FT	Field Technician	$100.00
AS	Administrative Support	$110.00

(**) Rates valid through 12/31/2025.

EXHIBIT C
PROPOSED SCHEDULE

RJN is ready to attend a Pre-Construction Kickoff Meeting once the Village has selected a date. We are prepared to begin review and observation upon receiving a notice-to-proceed and when the Contractor is ready to start work.

The project timeline is estimated as follows:

PROJECT AWARD	Tuesday, June 3, 2025

Construction is scheduled to start **in Summer 2025** with a final completion date **by November 29, 2025**. The schedule will be controlled by the awarded Contractor and the obtention of the required permits.

EXHIBIT D

MAPS



VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Resolution Adoption of the Board of Fire and Police Commission Rules
Department: Human Resources

Item Description:
The Rules of the Arlington Heights Board of Fire and Police Commissioners are reviewed periodically to ensure compliance with applicable laws and consistency with current best practices and processes. The Rules were last reviewed and updated in April 2024. Examination eligibility requirements for entry-level and certified Police Officers have both been revised to expedite the Village and Commission's pre-employment applicant screening.

The Board of Fire and Police Commissioners reviewed the revised Rules at their May 14, 2025, meeting and recommended that the Village Board adopt them.

Recommendation
It is recommended that the Village Board adopt the attached Resolution adopting Rules for the Board of Fire and Police Commissioners.

ATTACHMENTS:
1. Arlington Heights BFPC Rules - 2025
2. AH_Resolution_Approving_BFPC_Rules

RULES OF THE ARLINGTON HEIGHTS BOARD OF FIRE AND POLICE COMMISSIONERS

Adopted:
June 2, 2025

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CHAPTER 5	PROMOTIONS
CHAPTER 6	MISCELLANEOUS
CHAPTER 7	SUSPENSIONS AND DISCHARGES

CHAPTER 1 ADMINISTRATION

SECTION 1.1: GENERAL PROVISIONS

A. General Authority. The Board of Fire and Police Commissioners of the Village of Arlington Heights derives its powers and authority from Division 2.1 of the Illinois Municipal Code, 65 ILCS 5/10-2.1-1 *et seq*., and Section 6-205 of the Arlington Heights Village Code. These Rules and Regulations shall apply to the government, control, and administration of the Commission and to the conduct of examinations for original appointments to, of examinations for promotions within, and of hearings on charges brought against members of the Village's Fire and Police Departments.

B. Savings Provision. If any court of competent jurisdiction determines that any provision of these Rules and Regulations is invalid, then that judgment shall not affect any other provision of these Rules and Regulations.

C. Collective Bargaining Agreements. In the event of a conflict between these Rules and Regulations and any collective bargaining agreement that applies to the Village's sworn police and fire personnel, the terms of the collective bargaining agreement will control.

D. Exempt Positions/Ranks. These Rules and Regulations shall not apply to any appointed ranks within the Police and Fire Departments that the Village Board of Trustees has exempted from the Commission's jurisdiction and authority.

SECTION 1.2: DEFINITIONS

The word *Commission* and/or *Board* wherever used shall mean the Board of Fire and Police Commissioners of the Village of Arlington Heights, Illinois. Use of the masculine gender herein includes, where applicable, the female gender.

SECTION 1.3: MEMBERSHIP

The Board shall consist of three members appointed by the Village President, by and with the advice and consent of the Village Board of Trustees. The terms and qualifications of the Commission members will be in accordance with Section 6-205 of the Arlington Heights Municipal Code.

SECTION 1.4: BOARD OFFICERS

The Board shall elect one of its members as a Chairperson in May of each calendar year, who shall serve in that capacity for one year. Pursuant to Section 6-205 of the Arlington Heights Municipal Code, no Board member shall serve as Commission Chairperson for more than three consecutive years, unless the Village President determines that such continued service is in the best interests of the Village.

The Village's Human Resources Director (or any other Village official designated by the Village Manager) shall serve as the Board's Secretary for purposes of preparing the minutes of Commission meetings; maintaining all papers pertaining to Commission business; preparing and maintaining examinations materials; and performing other

duties that the Commission may assign. The Board Secretary is not a member of the Board, and has no voting rights regarding Commission business.

SECTION 1.5: MEETINGS
Commission meetings shall be held at the call of the Chairperson. Special Commission meetings may be called by the Village President, the Village Board of Trustees, the Chairperson, or a Commission quorum.

All regularly scheduled and special meetings of the Commission shall be conducted in accordance with the Illinois Open Meetings Act. The order of business at any Board meeting shall follow the posted meeting agenda, which may be modified in the Chairperson's discretion. Absent extenuating circumstances, Board meetings will be held in suitable meeting space on Village property.

A member may attend a meeting by video or audio conference only in accordance with the following:

- A quorum of the members of the Commission is physically present at the location of the meeting; and
- The member is prevented from physically attending the meeting because of one of the following reasons:
    (a) personal illness or disability;
    (b) employment purposes or the business of the public body; or
    (c) a family or other emergency.

If a member wishes to attend a meeting under the rules set forth above, the member must notify the Liaison before the meeting, unless advance notice is impractical.

SECTION 1.6: QUORUM
Two Commission members shall constitute a quorum for the conduct of all Commission business.

SECTION 1.7: AMENDMENT TO RULES
The Commission may recommend changes to these Rules by a majority vote. Proposed amendments will be submitted to the Village Board for consideration. Upon approval by the Village Board, the Commission shall publish a notice and copy of the amended rules on the Village's website. The amended rules will take effect no sooner than ten calendar days after their publication on the Village's website.

SECTION 1.8: REPORTS
When requested by the Village President, the Board will submit a report of its activities and operations to the President and Village Board of Trustees.

CHAPTER 2 ENTRY LEVEL APPLICATION AND QUALIFICATIONS

SECTION 2.1: NOTICE OF ENTRY LEVEL EXAMS
When the Board deems it appropriate to conduct an examination for the entry level rank

of police officer or firefighter, the Board shall publish a notice of that examination on the Village's Internet website and via other sources as the Board deems appropriate. Such notice must be provided at least two weeks prior to the date of the entry level examination. The Notice will include instructions regarding how to submit an application for employment as an entry-level police officer or firefighter.

SECTION 2.2: APPLICATION FORMS AND FEES

Applications for entry-level positions shall be filed on forms furnished by the Board or its testing agent, and applicants must comply with the requirements of that form in every respect, including the submission of any requested documents that establish qualifications for employment. Any failure to comply with the application instructions, or any inaccurate answer/information on an application form may disqualify the applicant from continuing with the examination process and/or serve as a basis for terminating the applicant once hired.

Each applicant must pay an application fee in the amount set by the Board. The Board may adjust the application fee at any time or decide to waive the fee altogether.

All documents submitted to the Board by any applicant become the property of the Village.

SECTION 2.3: MINIMUM QUALIFICATIONS

Applicants for entry-level police officer and firefighter positions must meet the following minimum qualifications at the time they submit their applications for employment (unless otherwise provided below):

A. Firefighter applicants at the time of application must be legally authorized to work in the United States under federal law. Police officer applicants at the time of application must be (i) legally authorized to work in the United States under federal law; and (ii) legally authorized under federal law to obtain, carry, or purchase or otherwise possess a firearm.

B. Applicants for entry-level police officer and firefighter positions must be at least 21 years of age and have not reached their 35th birthday. Applicants will be exempt from the age-35 hiring requirement as permitted by 65 ILCS 5/10-2.1- 6(d), 65 ILCS 5/10-2.1-6.3(c) and 65 ILCS 5/10-2.1-14, as those Sections may be amended from time to time.

C. Applicants for an entry-level firefighter position must possess a high school diploma or its equivalent.

   Applicants for an entry-level police officer position must possess a high school diploma or its equivalent and an Associate's Degree. In lieu of an Associate's Degree, an applicant may:

   (a) possess credit for at least 60 hours toward a bachelor's degree from an institution of higher learning accredited by the U.S. Department of Education; or
   (b) have served for 24 months of honorable active duty in the United

States Armed Forces and not have been discharged dishonorably or under circumstances other than honorable; or

(c) served for 180 days of active duty in the United States Armed Forces in combat duty recognized by the Department of Defense and has not been discharged dishonorably or under circumstances other than honorable.

Applicants must meet the minimum educational requirements by the time a conditional offer of employment is extended.

D. Every applicant must be of good moral character, temperate habits and physically and psychologically able to perform the essential job functions of the applied-for position, with or without a reasonable accommodation.

E. Applicants must possess a valid driver's license.

SECTION 2.4: DISQUALIFICATIONS

The Board may disqualify an applicant at any time before, during, or after the examination if that applicant:

A. Has improperly filed his application or failed to comply with the filing instructions.

B. Has made inaccurate answers, provided inaccurate information or omissions of a material nature at any time during the application and examination process.

C. Has failed any examination component for the applied-for position.

D. Is found lacking in any of the minimum qualifications described in Section 2.3 of these Rules and Regulations.

E. Has been convicted of a felony, or any misdemeanor that, in the judgment of the Board, renders the applicant unsuitable for the applied-for position. Notwithstanding the foregoing, no firefighter shall be disqualified for employment in the Fire Department due to a misdemeanor conviction, except for those misdemeanors listed in 65 ILCS 5/10-2.1-4 and 65 ILCS 5/10-2.1-6.3, as those Sections may be amended from time to time.

F. Has engaged in any illegal conduct (regardless of the existence of a conviction), which the Board deems inconsistent with the position of a police officer or firefighter.

G. Has character or employment references that are deemed unsatisfactory.

H. Has been terminated from public or private sector employment.

SECTION 2.5: RELEASE OF INFORMATION

The applicant must sign and deliver to the Board or its agent a waiver and release of information in order to allow the Board to conduct a proper investigation into the applicant's qualifications for employment.

CHAPTER 3 POLICE OFFICER EXAMINATION PROCESSES

SECTION 3.1: TYPES OF POLICE EXAMINATION PROCESSES

When deemed appropriate, the Commission may elect to periodically conduct a regular entry-level police officer examination process and/or a certified entry-level police officer examination process. Such a testing process may be initiated even when names still remain on an Eligibility List or certified candidate pool.

SECTION 3.2: ENTRY-LEVEL POLICE EXAMINATION

Applicants who proceed through the regular entry-level police officer examination process will be subject to the following testing elements:

A. Physical Ability. Applicants must provide proof of a current and valid "Peace Officer Wellness Evaluation Report" (POWER) card with their completed job application in order to qualify for placement on any eligibility list. Each applicant is responsible for any costs associated with the POWER testing process.

B. Other Examination Elements. The Commission shall identify the testing components, passing scores, and relative weights at the beginning of the entry-level testing process.

C. Preference Points. Applicants who have passed their examinations by the required percentages shall be eligible for military preference points as described in 65 ILCS 5/10-2.1-8, as may be amended from time to time, and any other preference points that the Commission identifies at the beginning of the entry- level testing process. Election of such preference points must be made according to any instructions offered by the Board or its agent.

D. Eligibility List. After the award of preference points, the Board shall issue a Final Eligibility List, with applicants ranked in order of their relative excellence based on their examination scores and preference points. Successful applicants will be ranked without regard to the date of their examination. Applicants will remain on the Eligibility List for one year from the date the Commission added the applicant's name to the Eligibility List.

SECTION 3.3: CERTIFIED POLICE EXAMINATION

All persons possessing certification from the Illinois Law Enforcement Training and Standards Board ("ILETSB") (or capable of obtaining a training waiver from ILETSB pursuant to 50 ILCS 705/8.1(a) and ILETSB's Rules) may be considered for accelerated entry to the Arlington Heights Police Department (referred to as "certified entry candidates"). Certified entry candidates will be subject to the following eligibility criteria and testing components:

A. Eligibility. At the time of application, certified entry candidates must possess a certificate attesting to his or her successful completion of the Minimum Standards Basic Law Enforcement Training Course as prescribed by ILETSB; or the

certified entry candidate must be able to demonstrate that he/she can likely secure a training waiver from ILETSB once hired. At the time of application, a certified entry candidate must also: (1) be in good standing with his or her current law enforcement agency; (2) possess skills and abilities that are substantially equivalent to those possessed by a Village police officer; and (3) possess all of the qualifications described in Section 2.3 of these Rules and/or not be disqualified based on the factor(s) described in Section 2.4 of these Rules.

B. Examination Elements. Certified entry candidates that satisfy the eligibility criteria in subsection (A) will not be required to attend an applicant orientation session or take a written examination. The examination process for certified entry candidates will include the elements described in Section 3.5 of these Rules. No preference points are awarded for certified entry candidates.

C. Candidate Pool. Certified entry candidates that have satisfied the eligibility requirements described in Section 3.3(A) will be added to a certified candidate "pool." Certified entry candidates in this pool will have no scored ranking. Certified entry candidates will remain in the certified candidate pool for one year from the date the Commission added the certified entry candidate's name to the pool.

SECTION 3.4: SELECTION OF POLICE CANDIDATES

Upon receipt of a position requisition, the Commission shall have the discretion to fill an entry-level police officer vacancy from either the Eligibility List described in Section 3.2(D) or the certified entry pool described in Section 3.3(C). Should the Commission decide to make an appointment from the Eligibility List, the Commission shall make an appointment from the ten (10) highest ranked candidates on the list (or if there are less than ten candidates, selection shall be made from any remaining candidates on the Eligibility List.). Should the Commission decide to make an appointment from the certified candidate pool, the Commission may select any candidate from the pool.

SECTION 3.5: POLICE DEPARTMENT STAFF INTERVIEWS, BACKGROUND INVESTIGATION AND MEDICAL EXAMS

The Commission periodically may direct Police Department staff to conduct a criminal and employment background investigation of a certain number (or percentage) of Eligibility List applicants and/or certified pool candidates. At their discretion, the Board and Police Department may include a polygraph exam and an oral interview with a panel of Police Department staff as part of the aforementioned criminal and employment background investigation. The criminal and employment background investigation (including any polygraph and staff panel interview) will be scored on a pass/fail basis.

Upon successful completion of the criminal and employment background investigation, the Board will decide when (if at all) to schedule an oral interview between Board members and Eligibility List applicants and/or certified pool candidates (which will also

be scored on a pass/fail basis). Upon successful completion of the Board interview, the Board will decide when (if at all) to offer an applicant or certified entry candidate an offer of employment, conditioned exclusively on the successful passage of a physical and psychological medical examination (which may include a pre-employment test for the use of alcohol and illegal use of drugs).

CHAPTER 4 FIREFIGHTER ENTRY-LEVEL EXAMINATION PROCESS

SECTION 4.1: ENTRY-LEVEL FIREFIGHTER EXAMINATION

Applicants who proceed through the entry-level firefighter examination process will be subject to the following testing elements:

A. Physical Ability. The Commission elects to utilize the Candidate Physical Ability test (CPAT), including ladder climbing component, for the purpose of testing a firefighter applicant's physical ability. Applicants must provide proof of a current and valid CPAT card and ladder component with their completed job application to quality for placement on a Final Eligibility List. Any costs associated with the CPAT certification and ladder component testing will be at the expense of the applicants.

B. Written Examination. All applicants shall be required to take a written examination. The passing score and weight of such a written examination will be announced prior to the beginning of the testing process.

C. Preliminary Eligibility List. Applicants who have presented a valid CPAT card and passed the written examination will be placed in rank order of excellence on a Preliminary Eligibility Register.

D. Preference Points. An applicant will receive five military preference points based on the military service described in 65 ILCS 5/10-2.1-6.3(h)(1), as may be amended from time to time. To obtain such military preference points, the applicant must comply with any instructions issued by the Board or its agent. At the beginning of the testing process, the Board may announce other preference points, which will be offered and calculated in accordance with 65 ILCS 5/10-2.1- 6.3(h), as amended from time to time.

E. Final Eligibility List. After the award of preference points, the Board shall issue a Final Eligibility List, with applicants ranked in order of their relative excellence based on their examination scores and preference points. The Final Eligibility List shall be in effect for a period of two years from its effective date.

SECTION 4.2: SELECTION OF FIREFIGHTER CANDIDATES

Upon receipt of a positions requisition, the Commission shall select the top-ranked candidate from the Final Eligibility List described in Section 4.1(E). Exceptions to this selection process will be governed by 65 ILCS 5/10-2.1-6.3, as may be amended from time to time.

SECTION 4.3: BACKGROUND INVESTIGATION AND MEDICAL EXAMS

Upon selection from the Final Eligibility List, an applicant must successfully pass a criminal and employment background investigation, which may include an oral interview with the Board (which will be scored on a pass/fail basis). Upon successful completion of that background investigation, applicants will be sent for a polygraph examination. If the applicant passes the polygraph, an applicant will be made an offer of employment, conditioned exclusively on the successful passage of a physical and psychological medical examination (which may include a pre-employment test for the use of alcohol and illegal use of drugs).

CHAPTER 5 PROMOTIONS

SECTION 5.1: FIRE DEPARTMENT PROMOTIONAL EXAMINATIONS

The Commission shall provide for promotions to the rank of Fire Lieutenant in accordance with the Fire Department Promotion Act and any applicable collective bargaining agreement, as they may be amended from time to time. After a promotion to the position of Fire Lieutenant, the promoted employee shall be on probationary status for a period of one year. The Fire Chief may revert such probationer to the previous classification without cause.

SECTION 5.2: POLICE DEPARTMENT PROMOTIONAL EXAMINATIONS

The Commission shall provide for promotions to the rank of Police Sergeant in accordance with the following procedures:

A. Eligibility. Appointments to the rank of Sergeant shall only be made from current Village Police Officers. Village Police Officers shall not be eligible for a Sergeant's promotional examination until they have served at least one full year beyond the completion of their probationary period.

B. Testing Process. When deemed appropriate, the Commission will announce the initiation of the promotional testing process for the rank of Police Sergeant by posting a notice on internal bulletin boards and/or the Police Department's email system. The elements for the Sergeants' promotional testing process may include: (1) a written examination or other form of objective assessment; (2) Department Merit & Efficiency; (3) a panel interview with selected Village and/or Police Department staff Members; (4) the assignment of seniority points; and (5) any other element that the Commission deems appropriate. The Commission reserves the right to conduct these promotional elements in any order.

C. Seniority Points. Eligible applicants for the Sergeant's position shall be awarded one point for each full year of service as a Village Police Officer, up to a maximum of ten points.

D. Scoring and Weights. The passing score for the written examination or objective assessment will be determined at the beginning of each process. Eligible

applicants who fail to achieve the pre-determined passing score on the written examination or objective assessment will be disqualified from further promotional consideration. The oral interview score will constitute the average of the panel members' interview scores. Unless different weights are announced at the beginning of the promotional process, the Commission shall use the following weights for each promotional examination element:

- 50% Written Examination/Objective Assessment Score & Seniority Points
- 25% Department and Efficiency Points Assigned at the Discretion of the Police Chief
- 25% Panel Interview

E. Eligibility List. Eligible applicants who achieve at least 70% of the overall point total for the entire promotional examination process will be included on an Eligibility List, ranked in order of excellence based on their overall examination score after calculating their individual element scores as weighted above. The Sergeant's eligibility list shall remain in effect for two years from its effective date. Military points shall not be used in the Sergeant's promotional examination process. Upon receipt of a position requisition, the Commission shall make a promotion to the rank of Sergeant from the three persons with the highest ranking on the eligibility list (or if less than three persons, from whichever candidates remain on the Eligibility List).

F. Probationary Period. After a promotion to the position of Police Sergeant, the promoted employee shall be on probationary status for a period of one year. The Police Chief may revert such probationer to the previous classification without cause.

CHAPTER 6 MISCELLANEOUS

SECTION 6.1: RETIREMENT

The age for retirement of all full-time members of the Fire and Police Department is 65 years.

SECTION 6.2: ENTRY-LEVEL PROBATIONARY PERIODS

The probationary periods for entry-level firefighters and police officers shall be set by the applicable collective bargaining agreement. The Fire and Police Chiefs have the authority to terminate a probationary firefighter and police officer, respectively, without notice or cause.

SECTION 6.3: CERTIFICATE OF APPOINTMENT

The Commission Chairperson is responsible for issuing letters of appointment for all entry-level firefighters and police officers, and newly promoted Fire Lieutenants and Police Sergeants.

SECTION 6.4: ADDITIONAL POWERS

The Board retains all powers and authority as set forth in Division 2.1 of the Illinois Municipal Code unless otherwise provided for in these Rules and Regulations.

CHAPTER 7 DISCIPLINARY SUSPENSIONS AND REMOVALS

SECTION 7.1: GENERAL PROVISIONS

A. Collective Bargaining Agreements. The provisions of any collective bargaining agreement that apply to the Village's sworn police and fire personnel shall control to the extent they are inconsistent with this Chapter.

B. Probationary Employees and Exempt Management Personnel. This Chapter does not apply to probationary employees who may be suspended or removed from Village service without cause. This Chapter also does not apply to the suspension or removal of employees who currently hold a position which has been exempted from the Board's appointment authority by the Village Board.

C. Cause Required. Non-probationary fire and police personnel subject to the Board's appointment authority can be suspended or removed only for cause. Unless defined differently by Illinois courts, "cause" shall mean some substantial shortcoming that renders the employee's continuance in office or employment in some way detrimental to the discipline and efficiency of the service.

D. Filing and Service of Papers: All papers under this Chapter may be filed with the Board by delivering them personally or by electronic mail to the Board's Secretary or Chairperson. All papers that are required to be served under this Chapter shall be delivered personally or by electronic mail to the party designated (or the party's counsel if so represented). Proof of service will be made by certification of the person responsible for the delivery.

SECTION 7.2: DISCIPLINARY SUSPENSIONS

A. Patrol Officers. The Chief of Police may unilaterally suspend any bargaining unit Patrol Officer for up to 30 days without filing charges with the Board. Board appeals from such suspensions are not permitted pursuant to applicable collective bargaining agreement provisions.

B. Police Sergeants. The Chief of Police may unilaterally suspend any Police Sergeant for up to five calendar days without filing charges with the Board. Sergeants may appeal the suspension to the Board by filing a Notice of Appeal within five calendar days after service of the written suspension notice, regardless of when the suspension is to be served. Such Appeals shall be served on the Police Chief at the same time they are filed with the Board.

C. Firefighters and Fire Lieutenants. The Fire Chief may unilaterally suspend any Firefighter or Lieutenant for up to five calendar days without filing charges with the Board. Firefighter or Lieutenants may appeal the suspension to the Board by filing a Notice of Appeal within five calendar days after service of the written

suspension notice, regardless of when the suspension is to be served. Such Appeals shall be served on the Fire Chief at the same time they are filed with the Board.

SECTION 7.3: CHARGES FOR SUSPENSION AND REMOVAL

A. Complainant. Charges seeking a disciplinary suspension or removal may be filed only by the Police Chief, Fire Chief or Village Manager.

B. Charges. Charges must be in writing, signed by the Complainant, and describe the facts alleged to constitute cause for suspension or removal. After the Charges are filed with the Commission, the Board shall cause the Charges to be served on the Respondent personally or by receipted delivery at the Respondent's last known home address.

SECTION 7.4: PRE-HEARING PROCEDURES

A. Hearing Date. Upon the filing of Charges or an Appeal, the Board shall set the date, time, and place for hearing, the date of which shall be within 30 days after the Charge-filing date.

B. Notice of Hearing. The Board shall cause notice of hearing to be served on the parties promptly but not less than ten days prior to the hearing date. The notice shall be sent by receipted delivery or personal service.

C. Continuance. Motions for continuance of the hearing made by either party shall be in writing and shall be filed with the Board and served on the opposing party not less than 48 hours prior to the time set for hearing. In no circumstances will the initial hearing date be continued beyond 30 days from the date Charges were originally filed. Alternatively, the Board in its discretion may proceed with the first day of hearing, but continue the hearing until a late date for purposes of witness testimony and other evidentiary matters.

D. Attendance of Witnesses; Production of Documents. Either party, at any time prior to the hearing, may ask the Board to issue subpoenas for witnesses to appear and testify at the hearing or to have any person produce books, papers, records, accounts, and other documents. Such a request must be in writing and must adequately identify the person(s) or documents sought to be subpoenaed. Such applications must be served on the opposing party. Within five calendar days of service, the opposing party may file objections with the Board to the requested subpoena(s). After the elapse of the objection period, the Board or its Chairperson may issue the requested subpoena if the Board or Chairperson deems the witness testimony or documents to be relevant to the hearing. The subpoenas may be authorized by the signature of the Chairperson without a meeting. Parties seeking enforcement of a subpoena must apply to the appropriate Illinois Circuit Court.

E. Stipulations. The parties may stipulate and agree in writing or on the record as to

evidentiary facts or other matters. Any facts so stipulated shall be considered as evidence in the proceeding.

F. Suspension Before Hearing. Upon motion of the Complainant (with service on the Respondent), the Board may suspend the Respondent without pay during the pendency of the hearing, but for no more than 30 calendar days. If the Respondent seeks a hearing continuance beyond the aforementioned 30-day suspension period, such a continuance (if deemed otherwise appropriate) will be granted on the condition that the accused employee agrees that no claim for compensation shall be made for the period of the continuance. In the event the Board ultimately determines not to sustain the Charges, the Respondent shall receive any pay withheld during the 30-day suspension period.

SECTION 7.5: HEARING PROCEDURES

A. Closed Hearings. Any disciplinary hearing shall be held in public session, but any party (or the Board on its own motion) may close the hearing as permitted in the Illinois Open Meetings Act.

B. Counsel. The Respondent or Complainant may, at his election, be represented by any attorney licensed to practice in the State of Illinois. The attorney must file and serve his appearance with the Board.

C. Oath. All witnesses shall be sworn under oath prior to testifying. The oath may be administered by any Board Member or a certified court reporter.

D. Burden of Proof. The Complainant has the burden of proving cause for the requested suspension or removal by a preponderance of the evidence. In the Suspension Appeal context, the Fire or Police Chief will have the burden of proving cause for the suspension by a preponderance of the evidence.

E. Order of Proceedings; Cross Examination. After disposition of any preliminary motions, the Complainant will first present his case-in-chief. Thereafter the Respondent will present his case-in-chief. Rebuttal will be permitted at the discretion of the Board. In the Suspension Appeal context, the Respondent Chief will first present his case-in-chief. Thereafter, the appellant will present his case-in-chief. Rebuttal will be permitted at the discretion of the Board. All parties shall have the right to cross examine witnesses presented by the opposite party.

F. Record of Proceedings. All hearings shall be transcribed by a certified court reporter retained by the Board. The Board will compensate the court reporter for his presence at the hearing. A transcript of the hearing may be requested by the Board or any party, at the expense of the person making the request.

G. Argument. At the discretion of the Board, the parties may be allowed to make oral opening and closing statements. The Board also may allow the parties to file pre-hearing and/or post-hearing briefs when the Board deems it appropriate.

H. Resignation. If an employee submits a resignation prior to final action by the Commission, the Commission will record the resignation into the evidentiary record, which will result in the Charges being withdrawn and the Commission proceedings terminated.

SECTION 7.6: FINDINGS AND DECISION

A. Vote; Deliberations. A finding of cause on Charges or a Suspension Appeal must be made by at least a majority of the Board Members. The Board may deliberate in public or in closed session. Final action must be taken in public session.

B. Finding of No Cause. If no cause is found as to every Charge or an Appealed Suspension, the Board shall make a finding that the Charges or suspension are not sustained and shall enter an order immediately terminating any suspension and requiring the applicable Department to reimburse Respondent for all wages not paid during any reversed suspension period.

C. Finding of Cause. If the Board finds that cause exists for discipline, the Board may grant, increase or decrease the Complainant's requested discipline (except that any suspension cannot be for a period of more than 30 days on top of any temporary suspension the Respondent already served during the hearing). If the Board finds that cause existed for an appealed suspension, the Board may affirm the suspension as served, increase the suspension for a period of not more than 30 days, decrease the suspension, or order the immediate removal of the employee.

D. Notice of Findings and Decisions. The Board shall issue a written decision that summarizes its findings and conclusions either at the meeting where the Members voted on the Charges or Suspension Appeal, or promptly thereafter.

E. Rehearing. The Board's decision shall be final and not subject to rehearing.

VILLAGE OF ARLINGTON HEIGHTS

RESOLUTION NO. _____

A RESOLUTION APPROVING THE ADOPTION OF THE RULES AND REGULATIONS OF THE ARLINGTON HEIGHTS BOARD OF FIRE AND POLICE COMMISSIONERS

WHEREAS, the Village is a duly organized and validly existing home rule municipal corporation created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and

WHEREAS, pursuant to the Illinois Board of Fire and Police Commissioners Act, 65 ILCS 5/10-2.1-1 *et seq*. (*"Act"*), the Village has established the Arlington Heights Board of Fire and Police Commissioners (*"Board"*), which Board is responsible for the certification, discipline, demotion, and termination of persons in the positions of Police Officer, Police Sergeant, Firefighter, and Fire Lieutenant in and for the Village; and

WHEREAS, on_____, 2025, pursuant to Section 10-2.1-5 of the Act, the Board adopted the "Village of Arlington Heights Board of Fire and Police Commissioners Rules and Regulations" in order to carry out the purposes of the Act (*"Board Rules"*); and

WHEREAS, the President and Board of Trustees of the Village find that approval of the Board Rules is in the best interests of the Village and its residents;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. APPROVAL OF BOARD RULES. The President and Board of Trustees hereby approve the Board Rules in the form attached to this Resolution as Exhibit A.

SECTION 3. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

PASSED AND APPROVED THIS____day of_____, 2025

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

BOARD RULES

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Ordinance Approving Sign Variations at 3456 N. Ridge Avenue for Arlington Heighs Ford Pro

Department: Planning & Community Development

Item Description:
At the May 5, 2025 Village Board meeting, a request for Sign Variations for the subject property was discussed and approved. The Ordinance setting forth the provisions and conditions of approval is attached.

Recommendation
Adoption of an Ordinance granting Sign Variations at 3456 N. Ridge Ave. for Arlington Heights Ford Pro

ATTACHMENTS:
1. AH Ford Pro Sign Variation Ordinance

Prepared by and return to:
Village of Arlington Heights
33 S. Arlington Heights Road
Arlington Heights, Illinois 60005
Attention: Village Clerk

THIS SPACE FOR COUNTY CLERK'S USE ONLY

VILLAGE OF ARLINGTON HEIGHTS

ORDINANCE NO. 2025-_____

AN ORDINANCE GRANTING SIGN VARIATIONS
(3456 N. Ridge Avenue)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF ARLINGTON HEIGHTS
THIS ___ DAY OF _____, 2025.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Arlington Heights,
Cook County, Illinois this
___ day of _____, 2025

_____
Village Clerk

AN ORDINANCE GRANTING SIGN VARIATIONS
(3456 N. Ridge Avenue)

WHEREAS, Arlington Heights Ford (*"Owner"*) is the record title owner of that certain property located in the M-1 Research, Development, and Light Manufacturing District (*"M-1 District"*), commonly known as 3456 N. Ridge Avenue, Arlington Heights, Illinois, and legally described in Exhibit A attached to and, by this reference, made a part of this Ordinance (*"Property"*); and

WHEREAS, the Property fronts on North Ridge Road, and is improved with an existing 110,207-square-foot building (*"Building"*); and

WHEREAS, Chapter 30 of the "Municipal Code of Arlington Heights, Illinois, 1995," as amended (*"Sign Code"*), sets forth regulations for the installation and maintenance of signs in the Village; and

WHEREAS, pursuant to Section 30-402.a of the Sign Code, not more than one wall sign may be installed for each business, per facing street frontage; and

WHEREAS, the Owner desires to install four identification wall signs on the Building (collectively, the *"Proposed Signs"*), in excess of the one sign permitted pursuant to Section 30-402.a of the Sign Code; and

WHEREAS, pursuant to Section 30-403.a of the Sign Code, the maximum permitted size of a wall sign on the Building is 153 feet; and

WHEREAS, the Proposed Signs include a 280-square-foot wall signs on each the east and north walls of the Building, a 185-square-foot wall sign on the north wall of the Building, and a 175-square-foot wall sign on the east wall of the Building, all in violation of Section 30-403.a of the Sign Code; and

WHEREAS, in order to permit the installation of the Proposed Signs, Bright Light Sign Co. (**"***Applicant***"**), with the consent of the Owner, has submitted an application for variations from Sections 30-402.a and 30-403.a of the Sign Code (collectively, the *"Requested Relief*"); and

WHEREAS, notification of a public meeting of the Design Commission of the Village to consider approval of the Requested Relief was provided by the Owner pursuant to Section 30-904 of the Sign Code by posting signage at the Property and serving written notice on neighboring property owners; and

WHEREAS, on April 8, 2025, the Design Commission conducted a public meeting to consider the Requested Relief, and made findings and recommendations that the Village Board approve the Requested Relief to permit installation of the Proposed Signs, with conditions; and

WHEREAS, the Village President and Board of Trustees have considered the Proposed Signs and the recommendations of the Design Commission, and have determined that the Proposed Signs meet the required standards for sign variations set forth in Section 30-902 of the Sign Code; and

WHEREAS, the President and Board of Trustees have determined that it will serve and be in the best interest of the Village to grant the Requested Relief, subject to the conditions, restrictions, and provisions of this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. GRANT OF VARIATIONS. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 3 of this Ordinance, and in accordance with, and pursuant to, Section 30-901 of the Sign Code and the home rule powers of the Village, the Village hereby grants the following variations to the Owner for the Proposed Signs:

A. A variation from Section 30-402.a of the Sign Code, to increase the permitted number of wall signs on the Building, from two wall signs to four wall signs; and

B. Variations from Section 30-403.a of the Sign Code, to increase the maximum size of each of the Proposed Signs, as follows:

1. For the first Proposed Sign on the east wall of the Building, from 153 square feet to 280 square feet;

2. For the second Proposed Sign on the east wall of the Building, from 153 square feet to 175 square feet;

3. For the first Proposed Sign on the north wall of the Building, from 153 square feet to 280 square feet; and

4. For the second Proposed Sign on the north wall of the Building, from 153 square feet to 185 square feet.

SECTION 3. CONDITIONS. Notwithstanding any use or development right that may be applicable or available pursuant to the provisions of the Sign Code, or any other provisions of the "Municipal Code of Arlington Heights, Illinois, 1995," as amended (*"Village Code"*), the approvals granted pursuant to Section 2 of this Ordinance are hereby expressly subject to, and contingent upon, the development, use, and maintenance of the Property in compliance with each and all of the following conditions:

A. Compliance with Regulations. Except to the extent specifically provided otherwise in this Ordinance, the development, use, operation, and maintenance of the Proposed Signs and the Property must comply at all times with all applicable Federal, State, and Village statutes, codes, ordinances, and regulations, as the same have been or may be amended from time to time, including, without limitation, the Village Code, the Sign Code, and "The 2002 Comprehensive Amendment of the Zoning Ordinance of the Village of Arlington Heights," as amended, except as varied in this Ordinance.

B. Compliance with Plans. Except for minor changes approved by the Village Director of Building & Life Safety (for matters within their permitting authority) in accordance with all applicable Village standards, and except as provided in Section 3.C of this Ordinance, the installation, use, operation, and maintenance of the Proposed Signs must be substantially compliant with the Signage Plans prepared by AGI dated September 21, 2023, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit B (*"Plans"*).

SECTION 4. RECORDATION; BINDING EFFECT. A copy of this Ordinance will be recorded with the Cook County Clerk's Recording Division. This Ordinance and the privileges, obligations, and provisions contained herein inure solely to the benefit of, and are binding upon the Owner and each of its heirs, representatives, successors, and assigns.

SECTION 5. FAILURE TO COMPLY WITH CONDITIONS. Upon the failure or refusal of the Owner or the Applicant to comply with any or all of the conditions, restrictions, or provisions of this Ordinance, as applicable, the approvals granted in Section 2 of this Ordinance may, at the sole discretion of the Village President and Board of Trustees, by ordinance duly adopted, be revoked and become null and void; provided, however, that the Village President and Board of Trustees may not so revoke the approvals granted in Section 2 of this Ordinance unless they first provide the Owner with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Village President and Board of Trustees. In the event of revocation, the development and use of the Property will be governed solely by the regulations of the M-1 District and the applicable provisions of the Village Code, as the same may, from time to time, be amended. Further, in the event of such revocation, the Village Manager and Village Attorney are hereby authorized and directed to bring such enforcement action as may be appropriate under the circumstances.

SECTION 6. AMENDMENTS. Any amendments to the approvals granted in Section 2 of this Ordinance that may be requested by the Owner after the effective date of this Ordinance may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Sign Code and the Village Code.

SECTION 7. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and will be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 8. EFFECTIVE DATE.

A. This Ordinance will be effective only upon the occurrence of all of the following events:

1. Passage by the Village President and Board of Trustees in the manner required by law; and

2. The filing by the Owner and the Applicant with the Village Clerk of an Unconditional Agreement and Consent, in the form of Exhibit C attached to and, by this reference, made a part of this Ordinance, to accept and abide by each and all of the terms, conditions, and limitations set forth in this Ordinance and to indemnify the Village for any claims that may arise in connection with the approval of this Ordinance.

B. In the event the Owner or the Applicant do not file fully executed copies of the Unconditional Agreement and Consent, as required by Section 8.A.2 of this Ordinance, within 30 days after the date of final passage of this Ordinance, the Village President and Board of Trustees will have the right, in their sole discretion, to declare this Ordinance null and void and of no force or effect.

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 2025

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

LEGAL DESCRIPTION: LOT 1 IN 1230 BUILDING CORPORATION SUBDIVISION, BEING A SUBDIVISION IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 7, TOWNSHIP 42 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

COMMONLY KNOWN AS: **3456 N. RIDGE AVENUE, ARLINGTON HEIGHTS, ILLINOIS.**

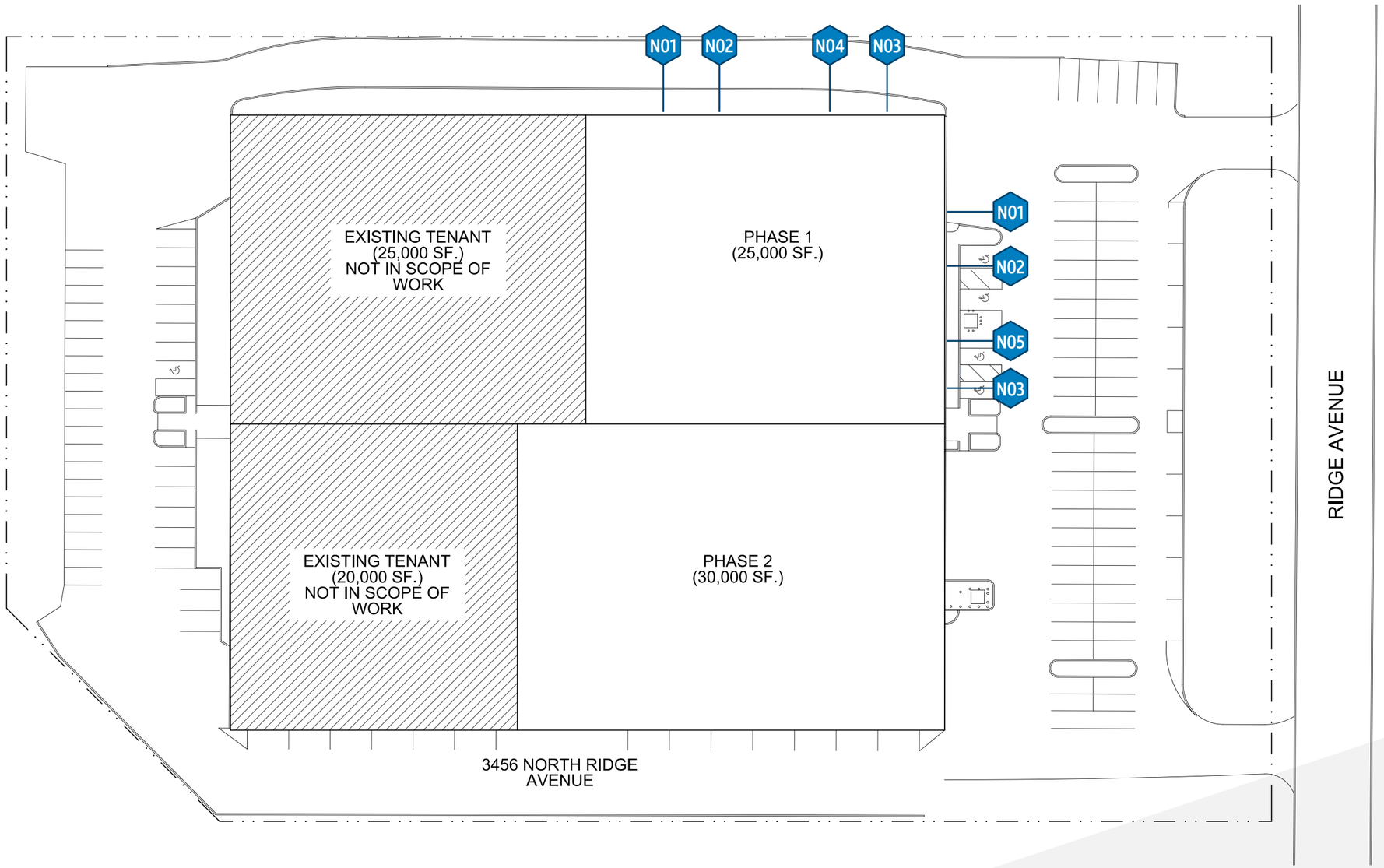
P.I.N. 03–07–200–047–0000

EXHIBIT B

PLANS

(attached)

SITEPLAN



	QTY.	DESCRIPTION
N01	2	1420 Ford PRO Wall
N02	2	12" PRO Dealer Letters
N03	2	24" ECS Blue Letters
N04	1	8" Blue Grabber Bar (60'-0")
N05	1	8" Blue Grabber Bar (52'-4")

Approved By: Name _____
Date _____

Dealer Code: F41093 **Dealership:** Arlington Heights Ford PRO **City, State:** Arlington Heights, IL **Date:** 09/21/2023

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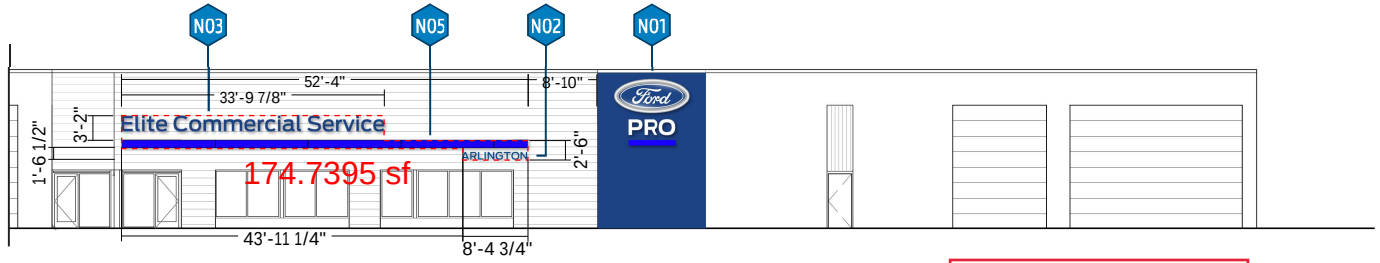
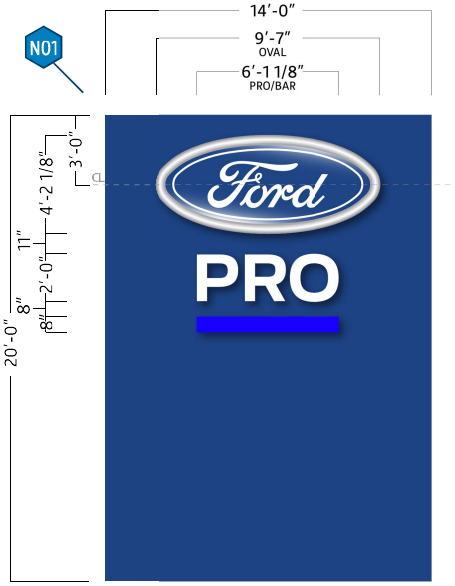
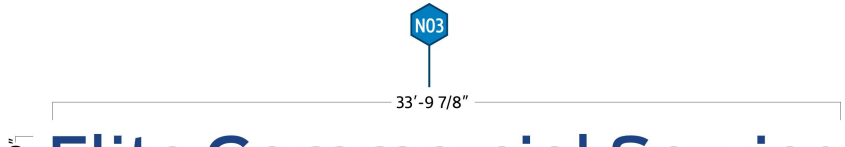
EAST ELEVATION



EAST ELEVATION



1420 FORD PRO WALL
Scale: 3/16"=1'
PENDING ENGINEERING
PLACEMENT ON WALL TO BE CONFIRMED
QTY: 2



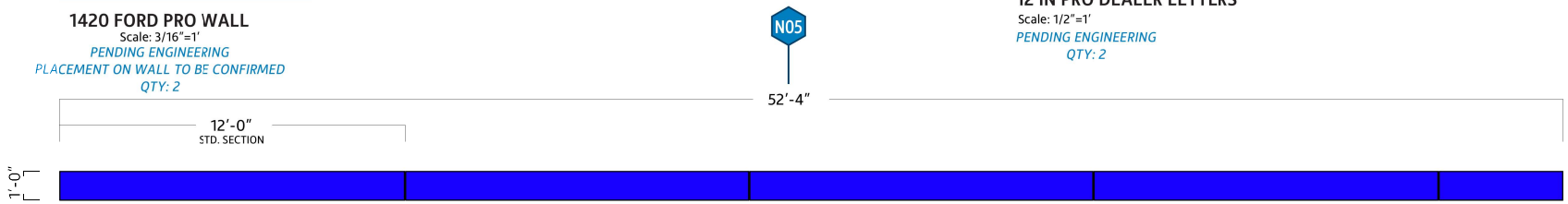
Elite Commercial Service

24 IN ECS BLUE LETTERS
Scale: 3/16"=1'
PENDING ENGINEERING
QTY: 2



ARLINGTON

12 IN PRO DEALER LETTERS
Scale: 1/2"=1'
PENDING ENGINEERING
QTY: 2



8IN DEEP GRABBER BLUE NON-ILLUMINATED SLIM AWNING
Scale: 1/4"=1'
PENDING ENGINEERING

Elevations Scale: 1/16"=1'
Signage Scale: As Noted

Approved By: Name _____
Date _____

Dealer Code: F41093 Dealership: Arlington Heights Ford PRO City, State: Arlington Heights, IL Date: 09/21/2023

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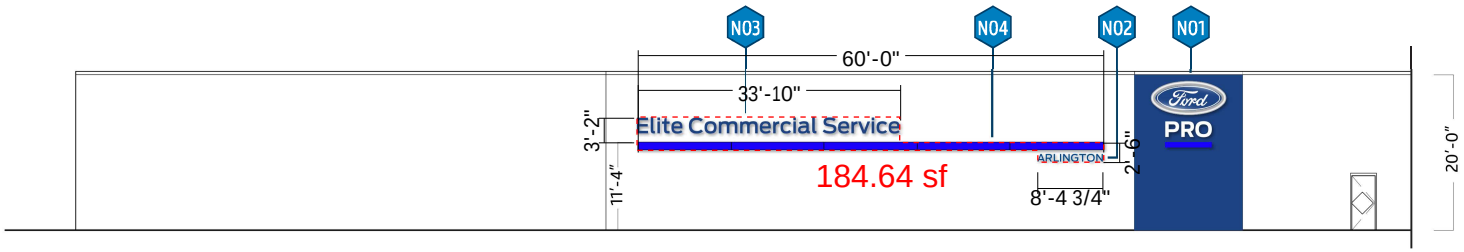
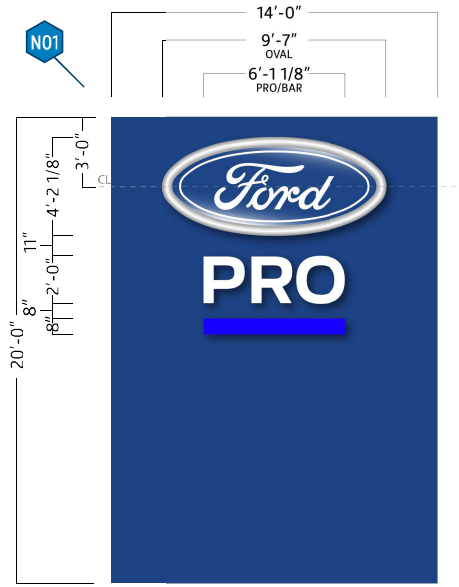
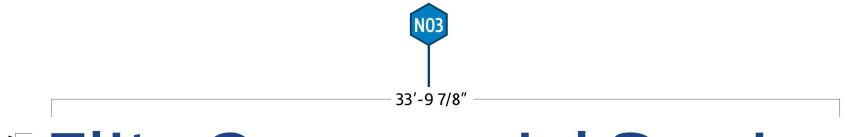


NORTH ELEVATION



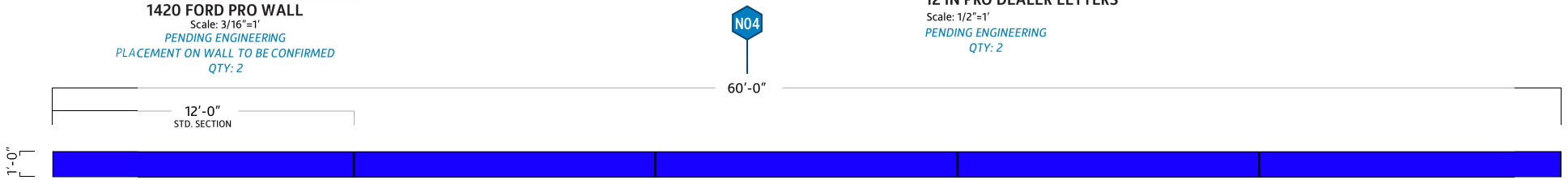
1420 FORD PRO WALL
Scale: 3/16"=1'
PENDING ENGINEERING
PLACEMENT ON WALL TO BE CONFIRMED
QTY: 2



24 IN ECS BLUE LETTERS
Scale: 3/16"=1'
PENDING ENGINEERING
QTY: 2



12 IN PRO DEALER LETTERS
Scale: 1/2"=1'
PENDING ENGINEERING
QTY: 2



8IN DEEP GRABBER BLUE NON-ILLUMINATED SLIM AWNING
Scale: 1/4"=1'
PENDING ENGINEERING

Elevations Scale: 1/16"=1'
Signage Scale: As Noted

Approved By: Name _____
Date _____

Dealer Code: F41093 **Dealership:** Arlington Heights Ford PRO **City, State:** Arlington Heights, IL **Date:** 09/21/2023

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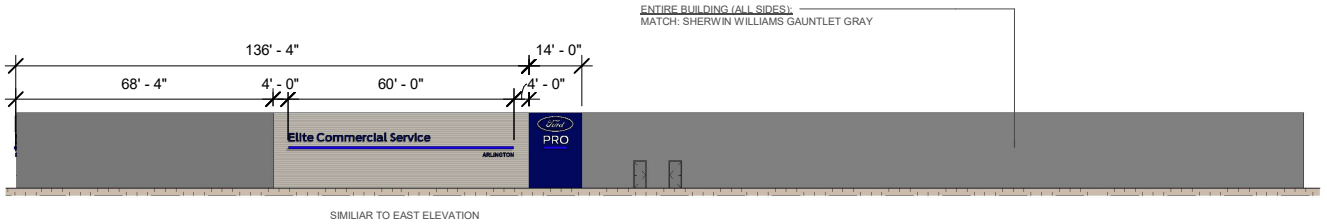


2 | North Elevation (Phase 1)
1" = 30'-0"



1 | East Elevation (Phase 1)
1" = 30'-0"

Local Architect to verify in field all existing building conditions and identify any potenial issues of concern with dealership facility design, if design is effected.

Architect shall coordinate all furniture power and installation requirements with furniture vendor.

Arlington Heights

Date
05/24/2023

Issue
Design Control Documents

Project Address
Arlington Heights, IL

Scale 1/16" = 1'-0"
0 4 8 16 32

These drawings are for communication of design intent only. These drawings are not suited or intended for construction or fabrication.

Proposed - Exterior Side Elevations

A 602

EVIEW360

EXHIBIT C

UNCONDITIONAL AGREEMENT AND CONSENT

TO: The Village of Arlington Heights, Illinois (*"Village"*):

WHEREAS, Arlington Heights Ford (*"Owner"*) is the record title owner of that certain property located in the M-1 Research, Development, and Light Manufacturing District (*"M-1 District"*), commonly known as 3456 N. Ridge Avenue (*"Property"*); and

WHEREAS, the Owner purchased an existing 110,207 square foot building located on the Property, with frontage on North Ridge Road, to open a new Ford Pro service and repair center for commercial vehicles (*"Building"*) and desires to install four identification wall signs on the Building (*"Proposed Signs"*); and

WHEREAS, as part of planned improvements to the Property, Bright Light Sign Co. (*"Applicant"*) desires to install four wall signs on the Property; and

WHEREAS, Ordinance No. 2025-_____, adopted by the Village President and Board of Trustees on _____, 2025 (*"Ordinance"*), grants variations from the Village's sign regulations for the Proposed Signs; and

WHEREAS, Section 8 of the Ordinance provides, among other things, that the Ordinance will be of no force or effect unless and until the Owner and the Applicant file, within 30 days following the passage of the Ordinance, their unconditional agreement and consent to accept and abide by each and all of the terms, conditions, and limitations set forth in the Ordinance;

NOW, THEREFORE, the Owner and the Applicant do hereby agree and covenant as follows:

1. The Owner and the Applicant hereby unconditionally agree to, accept, consent to, and will abide by, each and all of the terms, conditions, limitations, restrictions, and provisions of the Ordinance.

2. The Owner and the Applicant acknowledge that public notices and hearings have been properly given and held with respect to the adoption of the Ordinance, has considered the possibility of the revocation provided for in the Ordinance, and agrees not to challenge any such revocation on the grounds of any procedural infirmity or a denial of any procedural right.

3. The Owner and the Applicant acknowledge and agree that the Village is not and will not be, in any way, liable for any damages or injuries that may be sustained as a result of the Village's granting of the variations for the Property or its adoption of the Ordinance, and that the Village's approvals do not, and will not, in any way, be deemed to insure the Owner or the Applicant against damage or injury of any kind and at any time.

4. The Owner and the Applicant hereby agree to hold harmless and indemnify the Village, the Village's corporate authorities, and all Village elected and appointed officials, officers, employees, agents, representatives, and attorneys, from any and all claims that may, at any time, be asserted against any of such parties in connection with the Village's adoption of the Ordinance granting the variations for the Property.

[SIGNATURES ON FOLLOWING PAGE]

Dated: _____, 2025

ATTEST:

By: _____

Its: _____

ARLINGTON HEIGHTS FORD

By: _____

Its: _____

ATTEST:

By: _____

Its: _____

BRIGHT LIGHT SIGN CO.

By: _____

Its: _____

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Ordinance Approving PUD Amendment and Special Use Permit Amendment at 660 N. Ridge Ave. for Arlington Ridge Center Building Addition

Department: Planning & Community Development

Item Description:
At the May 5, 2025 Village Board meeting, a request for a PUD Amendment & Special Use Permit Amendment for the subject property was discussed and approved. The Ordinance setting forth the provisions and conditions of approval is attached.

Recommendation
Adoption of an Ordinance granting a PUD Amendment & Special Use Permit Amendment at 660 N. Ridge Ave. for Arlington Ridge Center Building Addition

ATTACHMENTS:
1. AH Ordinance Approving Amendment to PUD and SUP and Variations for Arlington Ridge Center_Final

VILLAGE OF ARLINGTON HEIGHTS

ORDINANCE NO. 2025-_____

AN ORDINANCE AMENDING A PLANNED UNIT DEVELOPMENT AND A SPECIAL USE PERMIT AND APPROVING VARIATIONS FOR ARLINGTON RIDGE CENTER
(660 N. Ridge Avenue & 750 W. Northwest Highway)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF ARLINGTON HEIGHTS
THIS __ DAY OF _____, 2025.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Arlington Heights,
Cook County, Illinois this
_____ day of _____, 2025

_____
Village Clerk

ORDINANCE NO. 2025-_____

AN ORDINANCE AMENDING A PLANNED UNIT DEVELOPMENT AND A SPECIAL USE PERMIT AND APPROVING VARIATIONS FOR ARLINGTON RIDGE CENTER
(660 N. Ridge Avenue & 750 W. Northwest Highway)

WHEREAS, the Arlington Heights Park District ("*Owner"*) is the owner of record of those certain parcels of real property, consisting of approximately 10.34 acres, commonly and collectively known as 660 N. Ridge Avenue & 750 W. Northwest Highway, Arlington Heights, Illinois, located in the Public Lands District (*"P-L District"*), and legally described in Exhibit A attached to and, by this reference, made a part of this Ordinance (collectively, the *"Property"*); and

WHEREAS, on May 5, 2003, the Village President and Board of Trustees adopted Ordinance No. 03-036, approving (i) the development of that portion of the Property located at 660 N. Ridge Avenue as a planned unit development, and (ii) a special use permit for a community center and recreation building; and

WHEREAS, the President and Board of Trustees subsequently adopted Ordinance Nos. 18-019 and 25-23, amending Ordinance No. 03-036 (collectively, Ordinance Nos. 03-036, 18-019, and 25-23 are the *"Arlington Ridge Center PUD"*); and

WHEREAS, on May 5, 2025, the President and Board of Trustees adopted Ordinance No. 25-23, approving a special use permit to allow facilities owned and operated by the Owner to be operated on the Property (*"Special Use Permit"*); and

WHEREAS, the Property is currently improved primarily with a recreational facility, surface parking, outdoor fields, and on-site detention facilities; and

WHEREAS, the Owner desires to build a two-story addition to the recreational facility on the Property to add two multi-purpose rooms, a basketball court, and a playground (*"Proposed Development"*); and

WHEREAS, pursuant to Section 9.2.e of "The 2002 Comprehensive Amendment of the Zoning Ordinance of the Village of Arlington Heights," as amended (*"Zoning Code"*), in order to construct the Proposed Development on the Property, the Village must approve an amendment to the Arlington Ridge Center PUD; and

WHEREAS, pursuant to Section 5.5 of the Zoning Code, facilities owned and operated by the Arlington Heights Park District may only be operated on the Property upon issuance by the Village Board of Trustees of a special use permit therefor; and

WHEREAS, pursuant to Section 6.12-1.3 of the Zoning Code, a traffic study and parking analysis prepared by a qualified engineer or prepared in a manner acceptable to the Village is required for any special use that is not adjacent to a major or secondary arterial street, as defined by the Village's Thoroughfare Plan; and

WHEREAS, pursuant to Section 10.4-4 of the Zoning Code, upon establishment of the Proposed Development, 807 parking spaces will be required for the Property; and

WHEREAS, the Owner proposes to develop and maintain the Property with 291 off-street parking spaces, in violation of Section 10.4-4 of the Zoning Code; and

WHEREAS, pursuant to Section 6.13-3(b) of the Zoning Code, fences in side and rear yards must not exceed a height of six feet; and

WHEREAS, the Owner desires to install an eight-foot-tall fence in the side and rear yards of the Property (*"Proposed Fence"*), in violation of Section 6.13-3(b) of the Zoning Code; and

WHEREAS, pursuant to Section 6.5-2 of the Zoning Code, an accessory structure may only be located in the rear yard of a property; and

WHEREAS, as part of the Proposed Development, the Owner desires to construct a basketball court and playground within the side yard of the Property, in violation of Section 6.5-2 of the Zoning Code; and

WHEREAS, pursuant to Sections 8, 9, and 12 of the Zoning Code, the Owner has filed an application for approval of: (i) an amendment to the Arlington Ridge Center PUD to allow the Proposed Development on the Property; (ii) an amendment to the Special Use Permit to permit additional facilities constructed as part of the Proposed Development to be owned and operated by the Owner on the Property; (iii) a variation from Section 6.12-1.3 of the Zoning Code to waive the requirement for a traffic study, (iv) a variation from Section 10.4-4 of the Zoning Code to reduce the parking requirement for the Property to 291 parking spaces; (v) a variation from Section 6.13-3(b) of the Zoning Code to increase the maximum fence height to eight feet, for the Proposed Fence; and (vi) a variation from Section 6.5-2 of the Zoning Code to permit two accessory structures to be located within the side yard of the Property (collectively, the *"Requested Relief"*); and

WHEREAS, a public hearing of the Plan Commission of the Village to consider approval of the Requested Relief was duly advertised in the *Daily Herald* on April 8, 2025, and held on April 23, 2025; and

WHEREAS, on April 23, 2025, the Plan Commission made findings and recommendations in support of the Requested Relief, with conditions; and

WHEREAS, the President and Board of Trustees have determined that the Requested Relief meets the required standards for planned unit developments, special use permits, and variations, as set forth in Sections 8, 9, and 12 of the Zoning Code; and

WHEREAS, the President and Board of Trustees have determined that it will serve and be in the best interest of the Village to approve the Requested Relief, subject to the conditions, restrictions, and provisions of this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. APPROVAL OF AMENDMENT TO ARLINGTON RIDGE CENTER PUD. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, and in accordance with, and pursuant to, Section 9 of the Zoning Code and the home rule powers of the Village, the Village hereby approves an amendment to the Arlington Ridge Center PUD to the Owner for the development, use, and maintenance of the Proposed Development on the Property.

SECTION 3. APPROVAL OF AMENDMENT TO SPECIAL USE PERMIT. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, and in accordance with, and pursuant to, Section 8 of the Zoning Code and the home rule powers of the Village, the Village hereby approves an amendment to the Special Use Permit to the Owner to operate its facilities constructed as part of the Proposed Development on the Property.

SECTION 4. APPROVAL OF VARIATIONS. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, and in accordance with, and pursuant to, Sections 9 and 12 of the Zoning Code and the home rule powers of the Village, the Village hereby grants the following variations to the Owner for the Proposed Development:

A. A variation from Section 6.12-1.3 of the Zoning Code to waive the requirement for a traffic study in connection with the Proposed Development on the Property.

B. A variation from Section 10.4-4 of the Zoning Code to reduce the required number of off-street parking spaces on the Property, from 807 spaces to 291 spaces.

C. A variation from Section 6.13-3(b) of the Zoning Code to increase the maximum height of the Proposed Fence, from six feet to eight feet.

D. A variation from Section 6.5-2 of the Zoning Code to permit two accessory structures to be located within the western side yard of the Property.

SECTION 5. CONDITIONS. Notwithstanding any use or development right that may be applicable or available pursuant to the provisions of the Zoning Code, the approvals granted pursuant to Sections 2, 3, and 4 of this Ordinance are hereby expressly subject to, and contingent upon, the development, use, and maintenance of the Property in substantial compliance with each and all of the following conditions. The Owner is responsible for complying with their obligations in this Ordinance. For all conditions set forth in this Section 5 for which the Village may conduct a review, make a modification, make an approval, or make a determination, the Village Manager, or their designee, is authorized to take that action in their sole discretion. The Owner will bear all costs for compliance with its obligations in this Section 5 and elsewhere in this Ordinance, unless otherwise noted.

A. Compliance with Regulations. Except to the extent specifically provided otherwise in this Ordinance, the development, use, operation, and maintenance of the Proposed Development and the Property must comply at all times with all applicable federal, State, and Village statutes, codes, ordinances, and regulations, as the same have been or may be amended from time to time.

B. Compliance with Plans. Except for minor changes and site work approved by the Village Director of Building & Life Safety (for matters within their permitting authority) in accordance with all applicable Village standards, the development, use, operation, and maintenance of the Proposed Development and of the Property must be substantially compliant with the following plans (collectively, the *"Plans"*):

1. The Preliminary Civil Plans, prepared by FGM Architects Inc., consisting of five sheets, with a last revision date of January 23, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit B;

2. The Landscape Plans, prepared by FGM Architects Inc., consisting of nine sheets, with a last revision date of March 25, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit C; and

3. The Architectural Plans, prepared by FGM Architects Inc., consisting of nine sheets, with a last revision date of March 25, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit D.

C. Landbanked Parking. Within 90 days after receipt of a notice from the Village that the Village has determined that there is a shortage of on-site parking on the Property, the Owner must construct all landbanked parking spaces identified in the Landbanked Parking Plans, prepared by FGM Architects Inc., consisting of one sheet, with a last revision date of January 8, 2017, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit E.

D. Event Scheduling. The Owner must collaborate with the Village when scheduling events on the Property to ensure, to the greatest extent practicable, that the Owner's major events do not overlap with each other. This may include a reduction in the amount of programming allowed on the Property. If the Village determines in its sole discretion that there is a shortage of on-site parking on the Property, the Owner must provide the Village with an operations plan for the Property to demonstrate a reduction in programming by the Owner to reduce parking demand.

E. Stormwater Summary. At time of building permit submission, the Owner must provide the Village with a stormwater summary for the Property, which includes the existing and proposed impervious coverage and information on whether excess storage is available in the existing stormwater detention facility.

F. MWRD Determination Letter. At time of building permit submission, the Owner must provide the Village with a Metropolitan Water Reclamation District of Greater Chicago (*"MWRD"*) determination letter.

SECTION 5. RECORDATION; BINDING EFFECT. A copy of this Ordinance will be recorded on title to the Property with the Cook County Clerk's Recording Division. This Ordinance and the privileges, obligations, and provisions contained herein inure solely to the benefit of, and are binding upon the Owner and each of its heirs, representatives, successors, and assigns.

SECTION 6. FAILURE TO COMPLY WITH CONDITIONS. Upon the failure or refusal of the Owner to comply with any or all of the conditions, restrictions, or provisions of this Ordinance, as applicable, the approvals in Sections 2, 3, and 4 of this Ordinance may, at the sole discretion of the Village President and Board of Trustees, by ordinance duly adopted, be revoked and become null and void; provided, however, that the Village President and Board of Trustees may not so revoke the approvals in Sections 2, 3, and 4 of this Ordinance unless they first provide the Owner with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Village President and Board of Trustees. In the event of revocation, the development and use of the Property will be governed solely by the regulations of the P-L District, and the applicable provisions of the Village Code, as the same may, from time to time, be amended. Further, in the event of such revocation, the Village Manager and Village Attorney are hereby authorized and directed to bring such enforcement action as may be appropriate under the circumstances.

SECTION 7. AMENDMENTS. Any amendments to the approvals in Sections 2, 3, and 4 of this Ordinance that may be requested by the Owner after the effective date of this Ordinance may be approved only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Code.

SECTION 8. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and will be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 9. EFFECTIVE DATE.

A. This Ordinance will be effective only upon the occurrence of all of the following events:

1. Passage by the Village President and Board of Trustees in the manner required by law; and

2. The filing by the Owner with the Village Clerk of an Unconditional Agreement and Consent, in the form of Exhibit F attached to and, by this reference, made a part of this Ordinance, to accept and abide by each and all of the terms, conditions, and limitations set forth in this Ordinance and to indemnify the Village for any claims that may arise in connection with the approval of this Ordinance.

B. In the event the Owner does not file a fully executed copy of the Unconditional Agreement and Consent, as required by Section 9.A.2 of this Ordinance, within 30 days after the date of final passage of this Ordinance, the Village President and Board of Trustees will have the right, in their sole discretion, to declare this Ordinance null and void and of no force or effect.

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 2025

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

LOTS 8 AND 9 IN BLOCK 16; LOTS 1 THROUGH 19, BOTH INCLUSIVE, AND LOT 22 IN BLOCK 17; LOT 8 IN BLOCK 15, LOTS 10 THROUGH 15, BOTH INCLUSIVE, AND LOTS 24 THROUGH 27, BOTH INCLUSIVE, IN BLOCK 18; ALL THAT PART OF VACATED HAWTHORNE STREET AS SHOWN ON THE PLAT OF VACATION THEREOF HERETOFORE RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF COOK COUNTY, ILLINOIS AS DOCUMENT NO. 20833210, IN THE OFFICE OF THE RECORDER OF DEEDS OF COOK COUNTY, ILLINOIS AS DOCUMENT NO. 20833209; ALL THAT PART OF VACATED FERNANDEZ AVENUE AS SHOWN ON THE PLAT OF VACATION THEREOF HERETOFORE RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF COOK COUNTY, ILLINOIS AS DOCUMENT NO. 20833211; ALL THAT PART OF THE VACATED EAST AND WEST PUBLIC ALLEY IN BLOCK 18 AS SHOWN ON THE PLAT OF VACATION THEREOF HERETOFORE RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF COOK COUNTY, ILLINOIS AS DOCUMENT NO. 20833209, EXCEPTING THEREFROM THAT PART OF THE SOUTH HALF OF THE SAID VACATED PUBLIC ALLEY LYING NORTH OF AND ADJOINING LOTS 16 THROUGH 19, BOTH INCLUSIVE, IN SAID BLOCK 18; ALL AS SHOWN ON THE PLAT OF R.A. CEPEK'S ARLINGTON RIDGE, BEING A SUBDIVISION OF THAT PART OF THE WEST HALF (EXCEPT THE EAST 33.0 FEET THEREOF) OF THE NORTHEAST QUARTER AND OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF NORTHWEST HIGHWAY, SAID NORTHEASTERLY LINE OF HIGHWAY BEING 66.0 FEET NORTHEASTERLY OF AND PARALLEL WITH THE NORTHEASTERLY LINE OF THE CHICAGO & NORTHWESTERN RAILWAY RIGHT-OF-WAY, ACCORDING TO THE PLAT OF SAID SUBDIVISION REGISTERED IN THE OFFICE OF THE REGISTRAR OF TITLES OF COOK COUNTY, ILLINOIS ON SEPTEMBER 2, 1925, AS DOCUMENT NO.LR 270771.

ALSO:

LOTS 8 THROUGH 16, BOTH INCLUSIVE AND LOTS 17 AND 18 IN BLOCK B; LOTS 6 THROUGH 24, BOTH INCLUSIVE, IN BLOCK C, ALL IN THE RESUBDIVISION OF CERTAIN BLOCKS AND PARTS OF BLOCKS AND VACATED STREETS IN R.R. CEPEK'S ARLINGTON RIDGE, BEING A SUBDIVISION OF THAT PART OF THE WEST HALF (EXCEPT THE EAST 33.0 FEET THEREOF) OF THE NORTHEAST QUARTER AND OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 30, TOWNSHIP 42 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN LYING NORTH OF THE NORTHEASTERLY LINE OF THE NORTHWEST HIGHWAY, SAID NORTHEASTERLY LINE OF HIGHWAY BEING 66.0 FEET NORTHEASTERLY OF AND PARALLEL WITH THE NORTHEASTERLY LINE OF THE CHICAGO & NORTHWESTERN RAILWAY RIGHT-OF-WAY, ACCORDING TO THE PLAT OF SAID RESUBDIVISION REGISTERED IN THE OFFICE OF THE REGISTRAR OF COOK COUNTY, ON MAY 27, 1946, AS DOCUMENT NO.LR 1100677.

PARCEL 1:

LOTS 16, 17, 18, AND 19 IN BLOCK 18 IN R.A. CEPEK'S ARLINGTON RIDGE, BEING A SUBDIVISION OF THAT PART OF THE WEST HALF (EXCEPT THE EAST 33 FEET THEREOF) OF THE NORTHEAST QUARTER OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 30, TOWNSHIP 42 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LYING NORTH OF THE NORTHEASTERLY LINE OF THE NORTHWEST HIGHWAY, SAID NORTHEASTERLY LINE OF HIGHWAY BEING 66 FEET NORTHEASTERLY OF AND PARALLEL TO THE NORTHEASTERLY LINE OF CHICAGO AND NORTHWEST RAILWAY RIGHT OF WAY, IN COOK COUNTY, ILLINOIS.

PARCEL 2:

THE SOUTH HALF OF VACATED ALLEY LYING NORTH OF AND ADJOINING SAID LOTS 16, 17, 28, AND 19 IN BLOCK 18 IN R.A. CEPEK'S ARLINGTON RIDGE SUBDIVISION.

Commonly referred to 660 N. Ridge Avenue & 750 W. Northwest Highway, Arlington Heights, Illinois

PINs: 03-302-28-021
03-302-28-020
03-302-28-019
03-302-28-044
03-302-29-038
03-302-29-039
03-302-29-040
03-302-23-029
03-302-23-030
03-302-28-045
03-302-29-041
03-302-28-043
03-302-28-029
03-302-28-028
03-302-22-034

EXHIBIT B

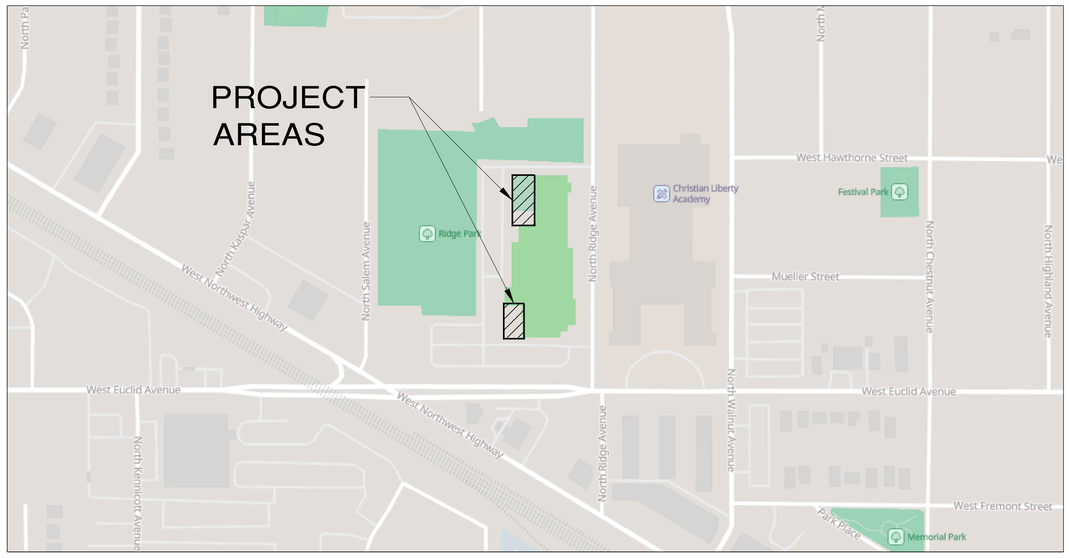
PRELIMINARY CIVIL PLANS

ARC ADDITION & LOCKER ROOM RENOVATION

660 Ridge Avenue
Arlington Heights, Illinois

ARCHITECT:
FGM Architects Inc.
1211 W 22ND ST, Suite 700
Oak Brook, IL 60523
630-574-8300
Attn: Maggie Krieger

CIVIL ENGINEER:
Erikson Engineering Assoc., Ltd.
135 S Jefferson St, Suite 135
Chicago, IL 60661
312-463-0551
Attn: Ben Ahring, PE



SITE LOCATION MAP (N.T.S.)

INDEX OF SHEETS

C0.0	CIVIL ENGINEERING COVER SHEET
C1.0	SITE DEMOLITION PLAN
C2.0	SITE GEOMETRY AND UTILITY PLAN
C3.0	GRADING AND PAVING PLAN
C4.0	SITE WORK DETAILS

DUTY TO INDEMNIFY

The contractor shall defend, indemnify, keep and save harmless the municipality, owner and engineer, and their respective board members, representatives, agents and employees, in both individual and official capacities, against all suits, claims, damages, losses and expenses, including attorney's fees, caused by, growing out of , or incidental to the performance of the work under the contract by the contractor or its subcontractors to the full extent as allowed by the laws of the State of Illinois and not beyond any extent which would render these provisions void or unenforceable. This obligation includes but is not limited to: the Illinois laws regarding structural work [IL. Rev. Stat. Ch. 48, Par. 60 at Seq.] and regarding the protection of adjacent landowners [IL. Rev. Stat. Ch. 17-1/2, Par. 51 Et. Seq.]. In the event of any such injury [including death] or loss or damage, of claims therefore, or claims therefore, the contractor shall give prompt notice to the owner.

SURVEY PROVIDED BY:

Plat of Survey and Topography Provided By Norman J. Taberman and Associates, LTD. on 09/13/2017

PROJECT BENCHMARKS

SITE BENCHMARK:
ARROW ON UPPER FLANGE OF FIRE HYDRANT SPINDLE
ELEVATION = 718.08 (NAVD88)

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

fgma
FGMARCHITECTS

FGM Architects Inc.
1211 W 22nd St, Suite 700
Oak Brook, Illinois 60523

630.574.8300 OFFICE
630.574.7070 FAX

ILLINOIS PROFESSIONAL DESIGN
FIRM #184-000350

CIVIL
ERIKSSON ENGINEERING ASSOCIATES, LTD.
145 COMMERCE DRIVE
SUITE A
GRAYSLAKE, IL 60030
847.223.4804 (O)

LANDSCAPE
HITCHCOCK DESIGN GROUP
22 E. CHICAGO AVE.
SUITE 200A
NAPERVILLE, IL 60540
630.961.1787 (O)

STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1887 HIGH GROVE LN.
NAPERVILLE, IL 60540
630.717.5399 (O)

M.E.P.
BERG ENGINEERING CONSULTANTS, LTD.
801 W. WISE RD.
SCHAUMBURG, IL 60193
847.352.4500 (O)

ISSUANCE		
NO	DATE	DESCRIPTION
	01/23/25	ISSUE FOR BID & PERMIT

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

CIVIL COVER SHEET

SHEET NO.
C0.0

JOB NO. 23-3791.02

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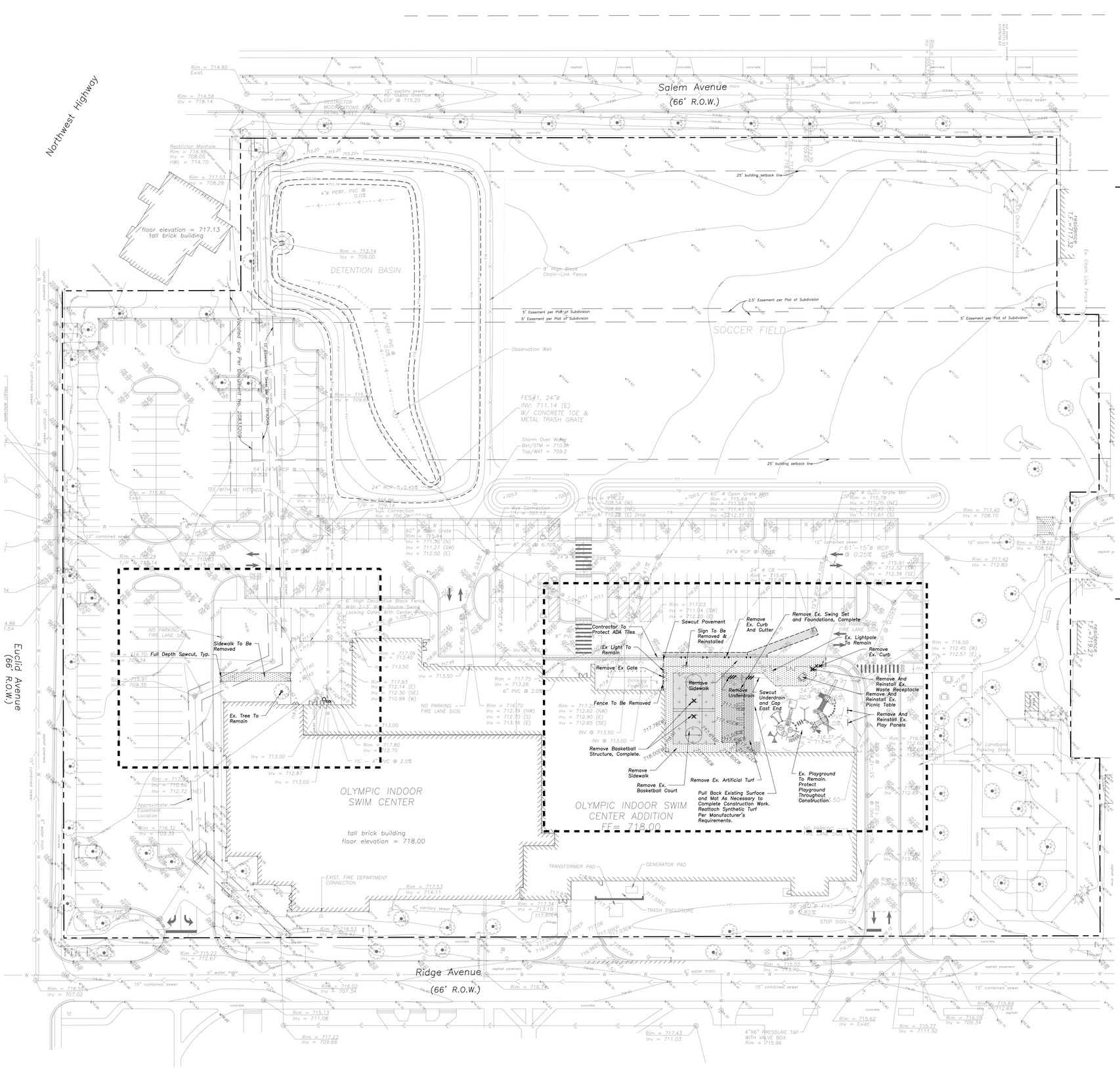
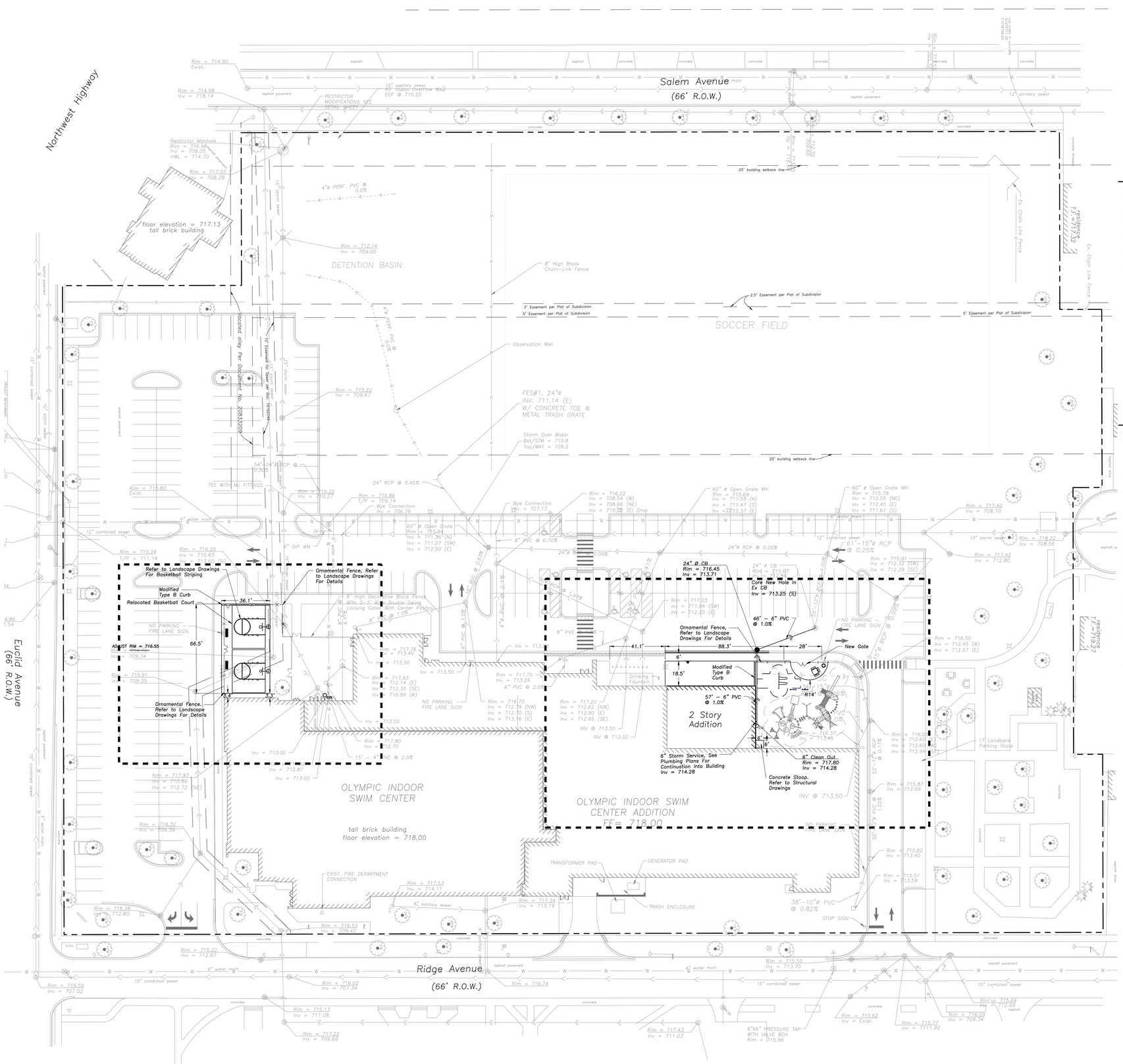
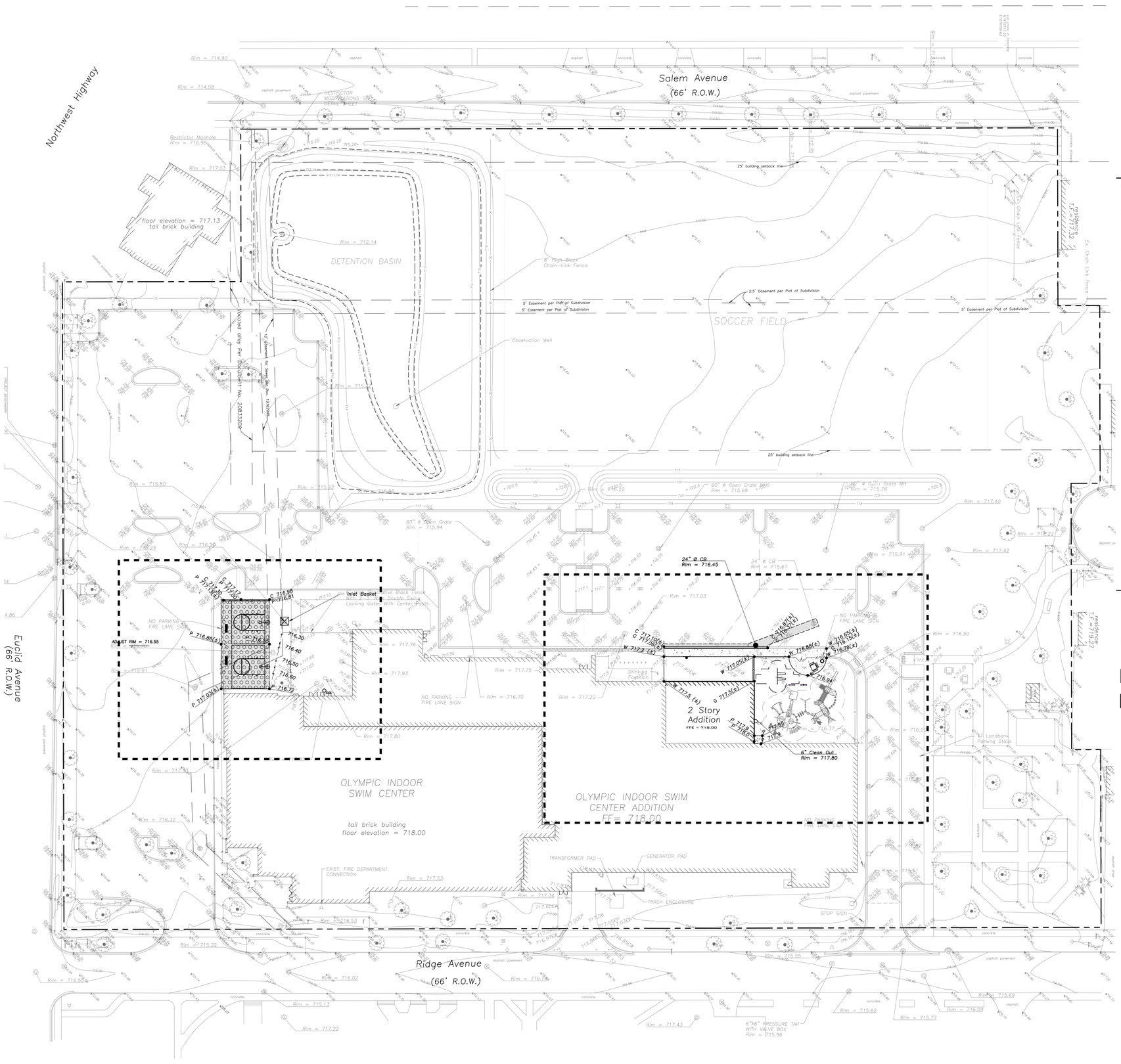
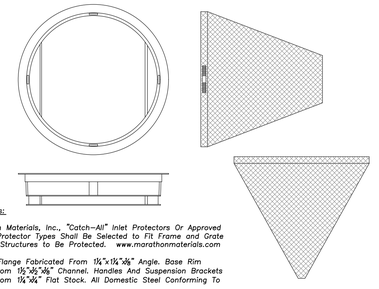

Northwest Highway
Salem Avenue main
(66' R.O.W.)
Euclid Avenue
(66' R.O.W.)
Ridge Avenue
(66' R.O.W.)
DETENTION BASIN
SOCCER FIELD
OLYMPIC INDOOR
SWIM CENTER
OLYMPIC INDOOR SWIM
CENTER ADDITION
FF= 718.00
tall brick building
floor elevation = 717.13
floor elevation = 718.00
Restrictor Manhole
Rim = 716.95
Inv = 708.05
HWL = 714.70
Rim = 717.03
Inv = 708.28
Rim = 714.90
Exist.
Rim = 714.58
Inv = 718.14
RESTRICTOR MODIFICATIONS DETAIL SHEET
12" sanitary sewer
40' Gated Overflow Weir
EOF @ 715.20
4"ø PERF. PVC @ 0.0%
8' High Black Chain-Link Fence
Ex. Chain Link Fence
25' building setback line
5' Easement per Plat of Subdivision
2.5' Easement per Plat of Subdivision
Observation Well
FES#1, 24"ø
INV: 711.14 (E)
W/ CONCRETE TOE &
METAL TRASH GRATE
Storm Over Water
Bot/STM = 710.89
Top/WAT = 709.2
Vacated alley Per Document No. 20833209
15' Easement for Sewer, Water, Storm and Utilities
54"x24" RCP @ 0.30%
24" RCP @ 0.45%
TEE WITH MJ FITTINGS
Rim = 715.80
Exist.
Rim = 715.92
Inv = 711.42
T/P = 719.14
Wye Connection
Inv = 707.13
Inv = 706.29 (E)
41" Inv = 710.28 (E) Drop
Rim = 716.22
Inv = 708.54 (N)
Inv = 708.66 (NE)
60" ø Open Grate
Rim = 715.84
Inv = 711.36 (N)
Inv = 711.27 (SW)
Inv = 712.50 (E)
8" PVC @ 6.70%
6" DIP fire main
12" combined sewer
Rim = 716.24
T/P = 733.14
Rim = 716.29
Inv = 710.63
Rim = 715.91
Inv = 709.35
Rim = 716.70 Full Depth Sawcut, Typ.
Inv = 709.34
Sidewalk To Be Removed
Ex. Tree To Remain
NO PARKING FIRE LANE SIGN
6' High Decorative Black Fence With 2-3' Wide Double Swing Locking Gates With Center Posts @ 1.05% Max.
Rim = 717.76
Inv = 713.40
Inv = 713.50
Rim = 717.93
Inv = 712.14 (E)
Inv = 712.39 (SE)
Inv = 710.99 (W)
Rim = 717.75
Inv = 713.26
6" PVC @ 2.0%
Rim = 716.70
Inv = 712.79 (NW)
Inv = 712.30 (S)
Inv = 713.16 (E)
Rim = 717.80
Inv = 712.70
15" – 4" PVC @ 2.0%
Inv = 713.00
Inv = 712.57
Rim = 717.93
Inv = 710.56
Inv = 712.72 (NE)
Approximate Easement Location
Rim = 716.32
Inv = 709.39
Rim = 715.80
Exist.
Rim = 715.22
Inv = 711.61 (S)
Rim = 715.78
Inv = 712.45 (NE)
60" ø Open Grate MH
Rim = 715.69
Inv = 711.55 (N)
Inv = 711.47 (E)
Inv = 712.37 (E)
Rim = 715.91
Inv = 712.32 (SW)
Inv = 712.39 (SE)
24"ø CB
Rim = 715.67
24"ø RCP @ 0.05%
61' – 15"ø RCP @ 0.25%
12" combined sewer
Rim = 715.22
Inv = 708.56
10" storm sewer
Rim = 717.42
Inv = 712.80
Rim = 716.50
Inv = 712.45 (W)
Inv = 712.57 (E)
Rim = 717.03
Inv = 711.94 (SW)
Inv = 712.20 (E)
Contractor To Protect ADA Tiles
Ex. Light To Remain
Sawcut Pavement
Sign To Be Removed & Reinstalled
Remove Ex. Curb And Gutter
Remove Ex. Swing Set and Foundations, Complete
Ex. Lightpole To Remain
Remove Ex. Curb
Remove Ex. Gate
Drinking Fountain
Remove Sidewalk
Remove Underdrain
Sawcut Underdrain and Cap East End
Remove And Reinstall Ex. Waste Receptacle
Remove And Reinstall Ex. Picnic Table
Remove And Reinstall Ex. Play Panels
Fence To Be Removed
Rim = 717.22
Inv = 712.62 (NW)
Inv = 712.90 (E)
Inv = 712.65 (SE)
INV @ 713.50
INV @ 713.00
Remove Basketball Structure, Complete.
Remove Sidewalk
Remove Ex. Basketball Court
Remove Ex. Artificial Turf
Pull Back Existing Surface and Mat As Necessary to Complete Construction Work. Reattach Synthetic Turf Per Manufacturer's Requirements.
Ex. Playground To Remain. Protect Playground Throughout Construction
Ex. Landbank Parking Stalls
NO PARKING
Rim = 716.00
Inv = 712.60
Inv = 712.65
Rim = 715.82
Inv = 712.69
Rim = 715.91
Inv = 712.69
Rim = 716.02
Inv = 709.34
TRANSFORMER PAD
GENERATOR PAD
TRASH ENCLOSURE
EXIST. FIRE DEPARTMENT CONNECTION
STOP SIGN
38' @ 0.82%
6" sanitary sewer
Rim = 717.53
Inv = 714.11
Rim = 717.34
Inv = 713.19
Rim = 716.53
Inv = 709.42
Rim = 715.22
Inv = 712.67
Rim = 716.65
Inv = 707.02
Rim = 716.02
Inv = 707.34
Rim = 715.13
Inv = 711.08
Rim = 717.22
Inv = 709.66
Rim = 717.43
Inv = 711.03
6"X6" PRESSURE TAP WITH VALVE BOX
Rim = 715.96
Rim = 715.62
Inv = Exist.
Rim = 715.77
Inv = 711.92
Rim = 716.02
Inv = 709.34
Rim = 715.69
Inv = 712.69
6" water main
15" combined sewer
asphalt pavement
concrete
Ex. Landbank Parking Stalls
Ex. Playground
Ex. Basketball Court
Ex. Tennis Courts
Ex. Tennis Court
Ex. Basketball Court
Ex. Basketball Court
Ex. Basketball


Northwest Highway
Salem Avenue
(66' R.O.W.)
Euclid Avenue
(66' R.O.W.)
Ridge Avenue
(66' R.O.W.)
DETENTION BASIN
SOCCER FIELD
OLYMPIC INDOOR SWIM CENTER
tall brick building
floor elevation = 717.13
OLYMPIC INDOOR SWIM CENTER ADDITION
FF= 718.00
2 Story Addition
Vacated alley Per Document No. 2083209
Ornamental Fence, Refer to Landscape Drawings For Details
Modified Type B Curb
Relocated Basketball Court
Refer to Landscape Drawings For Basketball Striping
6' High Decorative Black Fence With 2-3' Wide Double Swing Locking Gates With Center Posters @ 10'
Core New Hole In Ex CB
Inv = 713.25 (S)
New Gate
Modified Type B Curb
6" Storm Service, See Plumbing Plans For Continuation Into Building
Inv = 714.28
6" Clean Out
Rim = 717.80
Inv = 714.28
Concrete Stoop, Refer to Structural Drawings
17 Landbank Parking Stalls
FES#1, 24"ø
INV: 711.14 (E)
W/ CONCRETE TOE &
METAL TRASH GRATE
Observation Well
Storm Over Water
Bot/STM = 710.8
Top/WAT = 709.2
Restrictor Manhole
Rim = 716.95
Inv = 708.05
HWL = 714.70
RESTRICTOR MODIFICATIONS SEE DETAIL SHEET
12" sanitary sewer
40' Open Overflow Weir
EOF @ 715.20
4"ø PERF. PVC @ 0.0%
8" High Black Chain-Link Fence
5' Easement per Plat of Subdivision
2.5' Easement per Plat of Subdivision
25' building setback line
Ex. Chain Link Fence
54"-24"ø RCP @ 0.33%
24" RCP @ 0.45%
8" PVC @ 6.70%
24"ø RCP @ 0.05%
24"ø RCP @ 0.09%
24" ø CB
Rim = 716.45
Inv = 713.71
46' - 6" PVC
@ 1.0%
57' - 6" PVC
@ 1.0%
38'-10"ø PVC
@ 0.82%
53'-2"ø RCP
@ 1.02%
61'-15"ø RCP
@ 0.25%
36'-12"ø RCP
@ 1.00%
TEE WITH MJ FITTINGS
6" water main
12" combined sewer
15" combined sewer
10" storm sewer
6" sanitary sewer
6" DIP WM
Wye Connection
Inv = 707.13
60" ø Open Grate
Rim = 715.84
Inv = 711.36 (N)
Inv = 711.27 (SW)
Inv = 712.50 (E)
60" ø Open Grate MH
Rim = 715.69
Inv = 712.35 (N)
Inv = 711.47 (S)
Inv = 711.37 (E)
60" ø Open Grate MH
Rim = 715.78
Inv = 712.05 (NE)
Inv = 712.45 (E)
Inv = 711.61 (S)
Rim = 716.22
Inv = 708.54 (W)
Inv = 708.66 (NE)
Inv = 710.28 (E) Drop
Rim = 715.86
T/P = 709.14
Wye Connection
Inv = 706.79
Rim = 715.80
Exist.
Rim = 715.22
Inv = 710.27
Rim = 716.20
Inv = 710.63
Inv = 711.60 (N)
Rim = 715.24
T/P = 711.14
Rim = 715.91
Inv = 709.35
Rim = 716.32
Inv = 709.39
Rim = 716.38
Inv = 712.80
Rim = 715.22
Inv = 712.67
Rim = 716.55
Inv = 707.02
Rim = 716.02
Inv = 707.34
Rim = 716.74
Rim = 715.13
Inv = 711.08
Rim = 717.22
Inv = 709.66
Rim = 717.43
Inv = 711.03
6"X6" PRESSURE TAP WITH VALVE BOX
Rim = 715.96
Rim = 715.62
Inv = Exist.
Rim = 715.27
Inv = 711.92
Rim = 715.55
Inv = 713.70
Rim = 715.69
Inv = 712.69
Rim = 716.09
Inv = 709.34
Rim = 715.91
Inv = 712.32 (SW)
Inv = 712.39 (SE)
Rim = 716.50
Inv = 712.45 (W)
Inv = 712.57 (E)
Rim = 717.40
Inv = 708.10
Rim = 718.22
Inv = 708.56
Rim = 717.42
Inv = 712.80
Rim = 716.00
Inv = 712.60
Inv = 712.60
Inv = 712.94
Rim = 715.87
Inv = 712.69
Rim = 715.82
Inv = 713.40
Rim = 715.51
Inv = 713.59
Rim = 717.03
Inv = 711.94 (SW)
Inv = 712.20 (E)
Rim = 717.03
Inv = 712.14 (E)
Inv = 712.30 (SE)
Inv = 710.99 (W)
Rim = 717.93
Inv = 712.72 (NE)
Rim = 717.76
Inv = 713.40
Rim = 717.75
Inv = 713.26
6" PVC @ 2.0%
Rim = 716.70
Inv = 712.79 (NW)
Inv = 712.70 (S)
Inv = 713.16 (E)
Rim = 717.20
Inv = 712.62 (NW)
Inv = 712.90 (E)
Inv = 712.65 (SE)
INV @ 713.50
INV @ 713.00
Rim = 717.80
Inv = 712.70
Inv = 712.87
Inv = 713.00
Rim = 717.93
Inv = 712.96
Rim = 717.53
Inv = 714.11
Rim = 717.34
Inv = 713.19
Rim = 716.53
Inv = 709.42
EXIST. FIRE DEPARTMENT CONNECTION
TRANSFORMER PAD
GENERATOR PAD
TRASH ENCLOSURE
STOP SIGN
NO PARKING — FIRE LANE SIGN
Drinking Fountain
Inv = 713.50
Inv = 713.00
Inv = 713.46
Inv = 716.37
Rim = 715.91
Inv = 709.35
Rim = 717.03
Inv = 708.28
Rim = 717.03
Inv = 708.05
HWL = 714.70
Rim = 712.14
Inv = 709.00
Rim = 719.22
Inv = 709.67
Rim = 714.90
Exist.
Rim = 714.58
Inv = 718.14
Rim = 715.80
Exist.
ADJUST RIM = 716.55
66.5'
36.1'
5.4'
3.3'
41.1'
88.3'
28'
18.5'
6'
R14'
6'
16'
asphalt pavement
concrete
asphalt
curb & gutter
sidewalk
driveway
storm sewer
sanitary sewer
water main
combined sewer
Inv = 713.50
Inv = 713.00
Inv = 712.87
Inv = 713.00
Inv = 713.00
Inv = 713.50
Inv = 713.00
Inv = 713.00
Inv = 713.00


Northwest Highway
Salem Avenue
(66' R.O.W.)
Euclid Avenue
(66' R.O.W.)
Ridge Avenue
(66' R.O.W.)
DETENTION BASIN
SOCCER FIELD
OLYMPIC INDOOR SWIM CENTER
OLYMPIC INDOOR SWIM CENTER ADDITION
FF= 718.00
2 Story Addition
FFE = 718.00
tall brick building
floor elevation = 718.00
floor elevation = 717.13
tall brick building
Restrictor Manhole
Rim = 716.95
RESTRICTOR MODIFICATIONS DETAIL SHEET
Rim = 714.90
Rim = 714.58
Rim = 717.03
Rim = 712.14
8' High Black Chain-Link Fence
Ex. Chain Link Fence
25' building setback line
5' Easement per Plat of Subdivision
2.5' Easement per Plat of Subdivision
Observation Well
Vacated alley Per Document No. 20833209
10' Easement for Sewer per Doc. No. 1918244
Rim = 715.80
Rim = 715.22
Rim = 716.24
Rim = 716.29
60" ø Open Grate
Rim = 715.94
60" ø Open Grate MH
Rim = 715.69
60" ø Open Grate MH
Rim = 715.78
Rim = 715.91
Rim = 717.40
Rim = 717.42
24" Ø CB
Rim = 716.45
24" Ø CB
Rim = 715.67
Rim = 717.03
Rim = 717.76
Rim = 717.75
Rim = 716.70
Rim = 717.20
Rim = 715.91
Rim = 717.80
Rim = 716.50
Rim = 716.37
Rim = 716.00
Rim = 715.82
Rim = 715.91
Rim = 717.34
Rim = 716.53
Rim = 715.22
Rim = 716.02
Rim = 716.74
Rim = 715.13
Rim = 717.22
Rim = 717.43
Rim = 715.62
Rim = 715.77
Rim = 716.09
Rim = 715.69
Inlet Basket
Rim = 716.81
ADJUST RIM = 716.55
Chain Link Fence with Double Swing Locking Gates with Center Posts
NO PARKING FIRE LANE SIGN
Drinking Fountain
6" Clean Out
Rim = 717.80
6"X6" PRESSURE TAP WITH VALVE BOX
Rim = 715.96
EXIST. FIRE DEPARTMENT CONNECTION
TRANSFORMER PAD
GENERATOR PAD
TRASH ENCLOSURE
STOP SIGN
10' Landbank Parking Stalls
Ex. Chain Link Fence
Ex. Chain Link Fence
Ex. Chain Link Fence



General Notes:

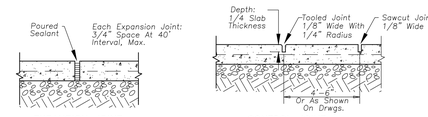
Use Marathon Materials, Inc., "Catch-All" Inlet Protectors Or Approved Equal. Inlet Protector Types Shall Be Selected to Fit Frame and Grate of Open Lid Structures to Be Protected. www.marathonmaterials.com

Frame: Top Flange Fabricated From 1¼"x1¼"x⅛" Angle. Base Rim Fabricated From 1½"x½"x⅛" Channel. Handles And Suspension Brackets Fabricated From 1¼"x¼" Flat Stock. All Domestic Steel Conforming To ASTM-A36.

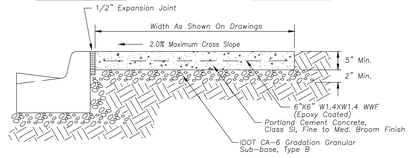
Sediment Bag: Bag Fabricated From 4 Oz./sq.yd. Non-woven Polypropylene Geotextile Reinforced With Polyester Mesh. Bag Secured To Base Rim With A Stainless Steel Strap And Lock.

Install Baskets In All Existing Storm Inlets Prior To Construction And All New Storm Inlets Immediately After Installation. Contractor Shall Maintain Throughout Construction Activities.

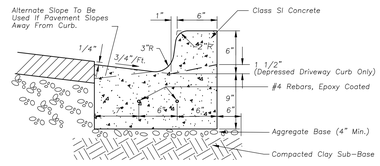
INLET PROTECTORS – SEDIMENT BAG



EXPANSION JOINT — CONTROL JOINT



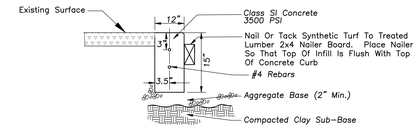
PORTLAND CEMENT CONC. SIDEWALK



Notes:

1. A 1" Expansion Joint Shall Be Installed At All Points of Curvature For Short Radius (under 25 ft.) Curves. Maximum Expansion Joint Spacing is 50'. Expansion Joints Shall Be Constructed With 1" Thick Preformed Expansion Joint Filler Conforming To The Curb And Gutter Cross Section And Shall Be Provided With One, 1 1/4 ø, 18" Long, Coated Smooth Dowel Bar. The Dowel Bar Shall Be Fitted With A Cap With A Pinched Stop Which Provides A Minimum Of 1" Of Expansion.
2. Maximum Contraction (Control) Joint Spacing Shall Be 20'.

B-6.12 CURB & GUTTER



Notes:

1. Maximum Contraction/Control joint spacing shall be (20') twenty feet.

MODIFIED TYPE B CURB

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Oak Brook, Illinois 60523

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630.574.7070 FAX

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847.223.4804 (O)

LANDSCAPE
HITCHCOCK DESIGN GROUP
22 E. CHICAGO AVE.
SUITE 200A
NAPERVILLE, IL 60540
630.961.1787 (O)

STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1867 HIGH GROVE LN.
NAPERVILLE, IL 60540
630.717.5399 (O)

M.E.P.
BERG ENGINEERING CONSULTANTS, LTD.
801 W. WISE RD.
SCHAUMBURG, IL 60193
847.352.4500 (O)

	ISSUANCE	
NO	DATE	DESCRIPTION
	01/23/25	ISSUE FOR BID & PERMIT

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

SITE WORK DETAILS

SHEET NO.
C4.0

JOB NO. 23-3791.02

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EXHIBIT C

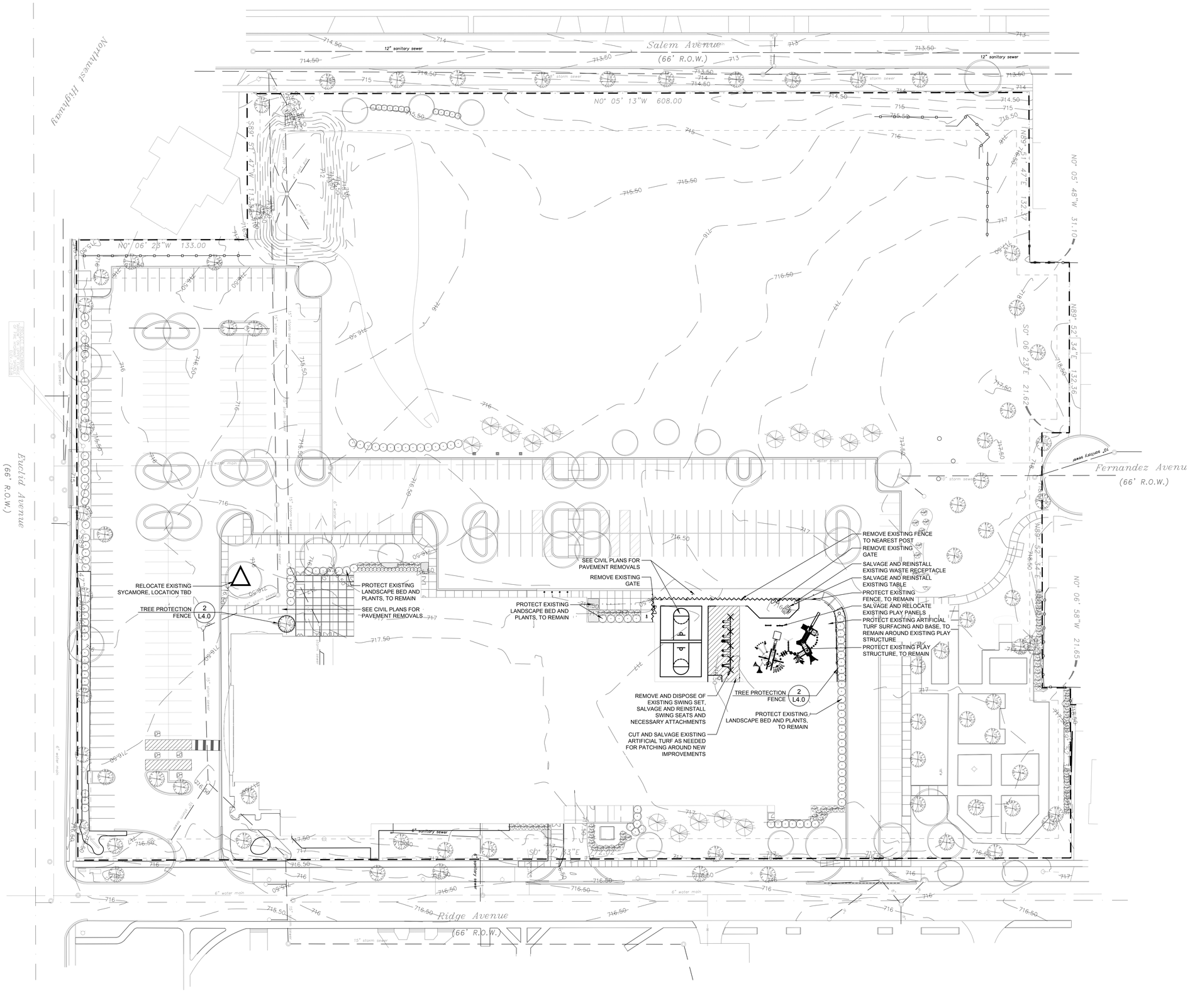
LANDSCAPE PLANS

SITE PREPARATION AND REMOVALS NOTES

1. Contractor shall install tree protection fencing as shown on the plans prior to beginning work. Maintain and adjust tree protection fencing as needed during progress of construction. Storage of materials, vehicular access, and all other construction activities are strictly prohibited within the limits of the tree protection fencing.
2. Plans indicate general location and limits of removals. Contractor shall perform removals only as necessary for construction of proposed improvements. No additional payments will be made for removals or restoration not required to construct the improvements as drawn and specified. Refer to Layout Plan for more specific information regarding proposed improvements and verify conditions in the field prior to performing removals.
3. Sawcut and remove concrete paving to nearest joint where indicated. All saw cuts required for removal items to be included in the unit cost of that particular pay item.
4. Remove and dispose of turf where planting beds are designated. Refer to Planting Plan for limits of proposed landscape improvements.
5. Where turf or plantings are proposed in existing paved areas, remove all base material.
6. Remove all utilities designated for removal to extent required for improvements, unless otherwise noted. Cap ends of any remaining underground conduit and piping, and pull all electrical wire out at source.
7. Items indicated for Removal shall include complete removal of above grade item and below grade appurtances (foundations, urban fill, wiring, piping, etc.) including disposal off-site following applicable codes and ordinances, unless otherwise shown on the plans.
8. Items indicated as Remove and Salvage shall include careful protection, removal, and storage of items. For reinstall items, Contractor shall store during construction. All other Salvage items shall be delivered to location as indicated by owner unless otherwise shown on the plans.
9. Contractor to protect all existing utilities and all other site features not designated for removal. Contractor is responsible for replacing/repairing any existing utilities or other site features damaged during construction to the original condition at no cost to the Owner.
10. Contractor responsible for maintaining existing utility services (electrical, sanitary, storm) during construction unless otherwise indicated in the Contract Documents.
11. Contractor shall coordinate all work so public sidewalk remains open throughout construction.
12. Refer to civil and electrical plans for additional utility adjustments and removals.
13. Refer to specifications for additional conditions, standards and notes.

SITE PREPARATION AND REMOVALS LEGEND

- Remove and dispose concrete paving and gravel base. Remove subgrade material as needed.
- Cut and salvage existing artificial turf, stockpile
- Tree Protection Fence
- Item to be relocated



SCALE IN FEET
1" = 30'
0' 15' 30' 90'

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LANDSCAPE
HITCHCOCK DESIGN GROUP
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SUITE 200A
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630.961.1787 (O)

STRUCTURAL
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1887 HIGH GROVE LN
NAPERVILLE, IL 60540
630.717.5399 (O)

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SCHAUMBURG, IL 60193
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NO	DATE	DESCRIPTION
01	3/25/2025	ISSUED FOR PERMIT

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

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REMOVALS PLAN

SHEET NO.
L1.0

JOB NO. 23-3791.02
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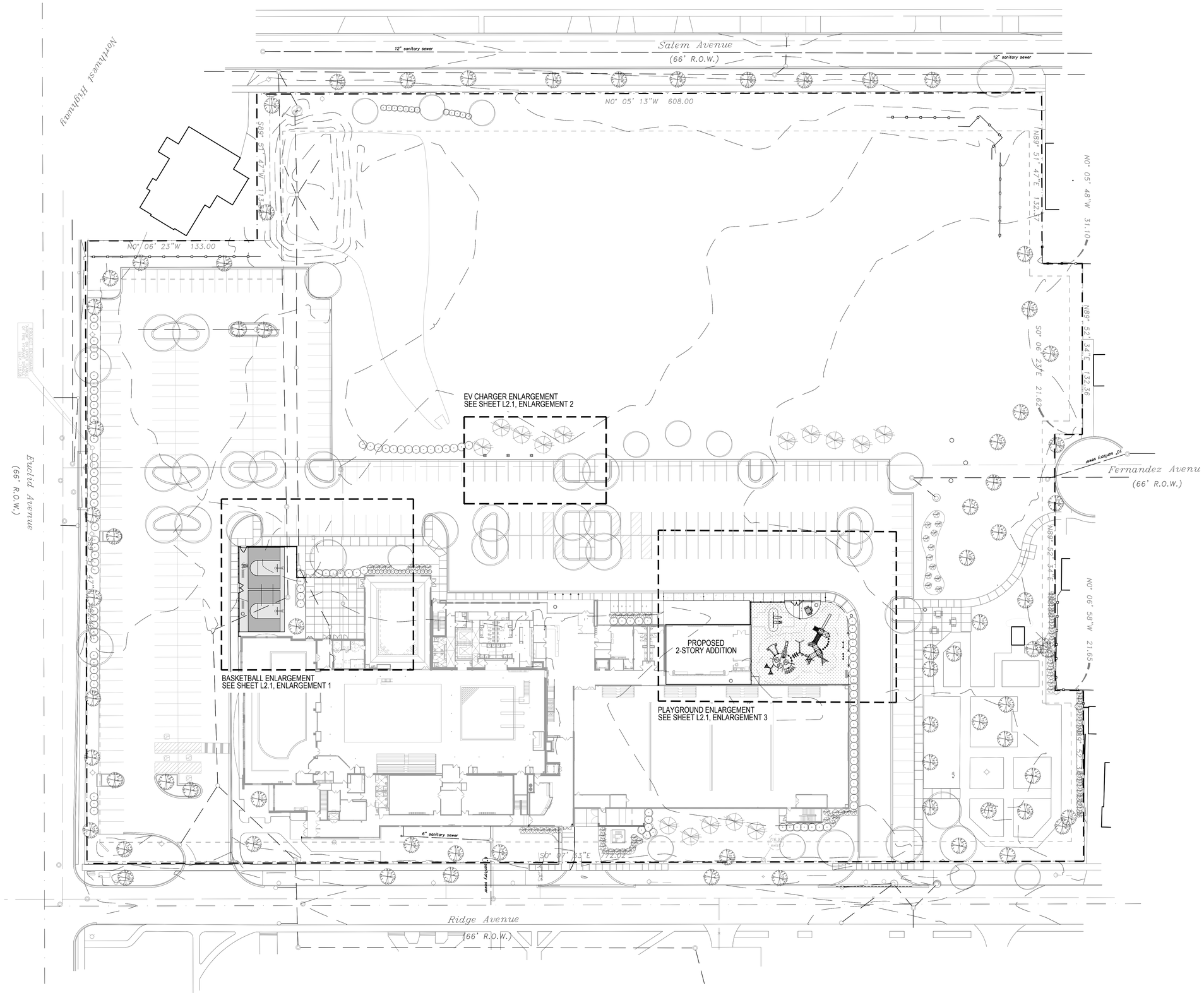

LAYOUT NOTES

1. Contractor responsible for field layout of all new improvements. Digital files of geometric information will be provided upon request in AutoCAD format. No additional payment will be made for adjustments necessary to construct the work as drawn.
2. Contractor responsible to coordinate work in order to obtain approval of all layout by Owners Representative prior to construction. No additional payment will be made to correct work if constructed incorrectly without pre-approval by Owners Representative.
3. Contractor responsible to maintain all layout stakes during construction. No additional payment will be made to replace layout stakes.
4. Place stakes at edges of sport courts, fields, limits of playground, shelter, and every 25 feet on center along centerline of all pathways for review by the Owner's Representative prior to earthwork operations.
5. All walls are dimensioned to Face of Wall unless otherwise noted.
6. All dimensions from roadway are from Back of Curb unless otherwise noted.
7. All curves and radii to be smooth and not segmented.
8. Contractor to provide layout stakes every 10 feet minimum for large arcs where radius points are not accessible.
9. Adjustment to stake locations due to discrepancies between coordinates and dimensions is incidental to the contract. No additional payments will be made for this work.
10. All roadway widths are measured from edge of pavement to edge of pavement unless otherwise shown on the plans.
11. Contractor responsible to take delivery, assemble and install all materials and furnishings per manufacturer's instructions.
12. Place control and expansion joints as shown on plans and details for all curbs, walks, walls, steps, and concrete paving. Where joints are not shown, place control joints a maximum of 10 feet on center, expansion joints a maximum of 30 feet on center, and between all separate pours.
13. Contractor will maintain use zone requirements within soft surfacing; no use zone will overlap or be tangent unless noted. Adjust playground barrier curb and/or adjacent paving as needed to accommodate play equipment fall zones.
14. Coordinate location of storm line with playground footings and obtain Owner's approval prior to installation.
15. Layout of soft surface shall be verified in field by landscape architect.
16. Refer to specifications for additional conditions, standards and notes.
17. Unless otherwise noted, for products/equipment to be purchased by contractor or by owner, contractor shall take delivery, verify, and install per manufacturers recommendations. Contractor is responsible for reaching out to product / equipment vendors to obtain a full and complete understanding of the installation requirements prior to submitting a bid.

LAYOUT LEGEND

- Existing Playground Artificial Turf Surfacing
- Concrete Paving - Pedestrian
- Sport Court Surfacing - Color A
- Sport Court Surfacing - Color B

FGM Architects Inc.
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Oak Brook, Illinois 60523

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LANDSCAPE
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NO	DATE	ISSUANCE DESCRIPTION
01	3/25/2025	ISSUED FOR PERMIT

ARC ADDITION & LOCKER ROOM RENOVATION

ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

ISSUED FOR BID AND PERMIT

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LAYOUT AND MATERIALS PLAN - OVERALL

SHEET NO.
L2.0

JOB NO. 23-3791.02

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SCALE IN FEET
1" = 30'
0' 15' 30' 90'

11/14/2024 8:14:23 AM
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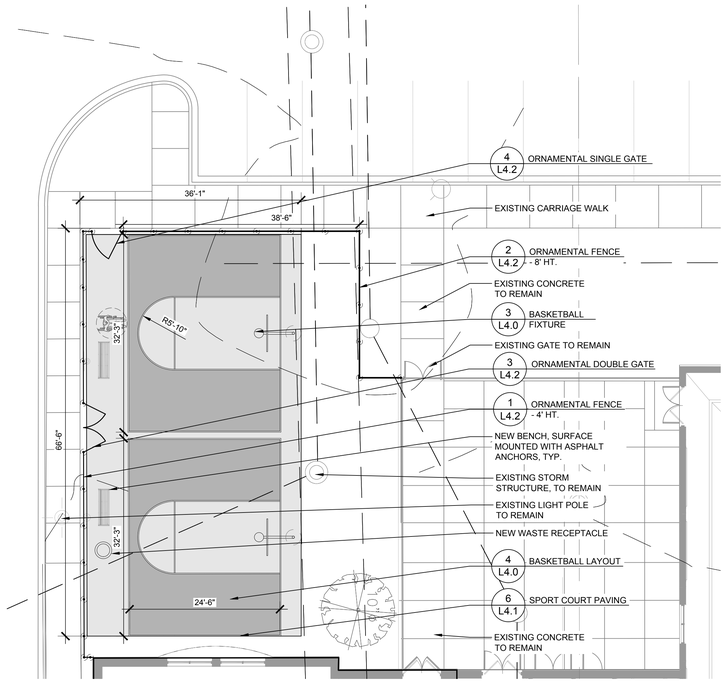
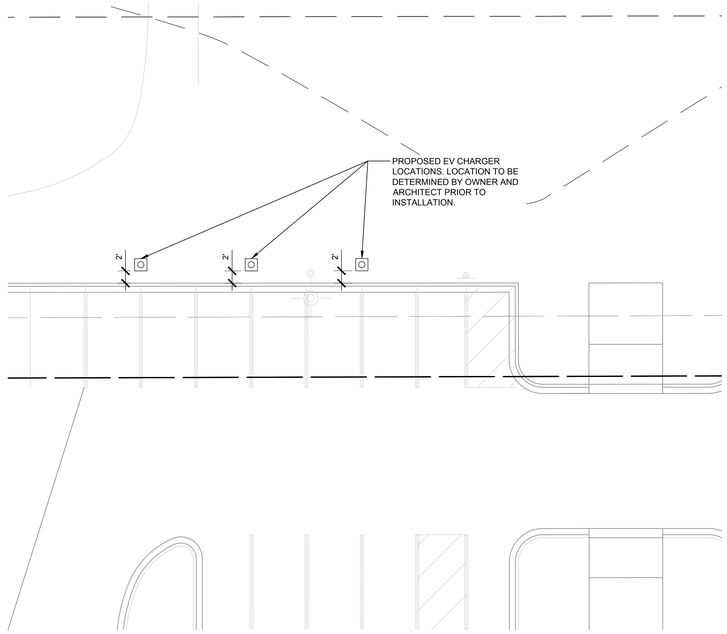
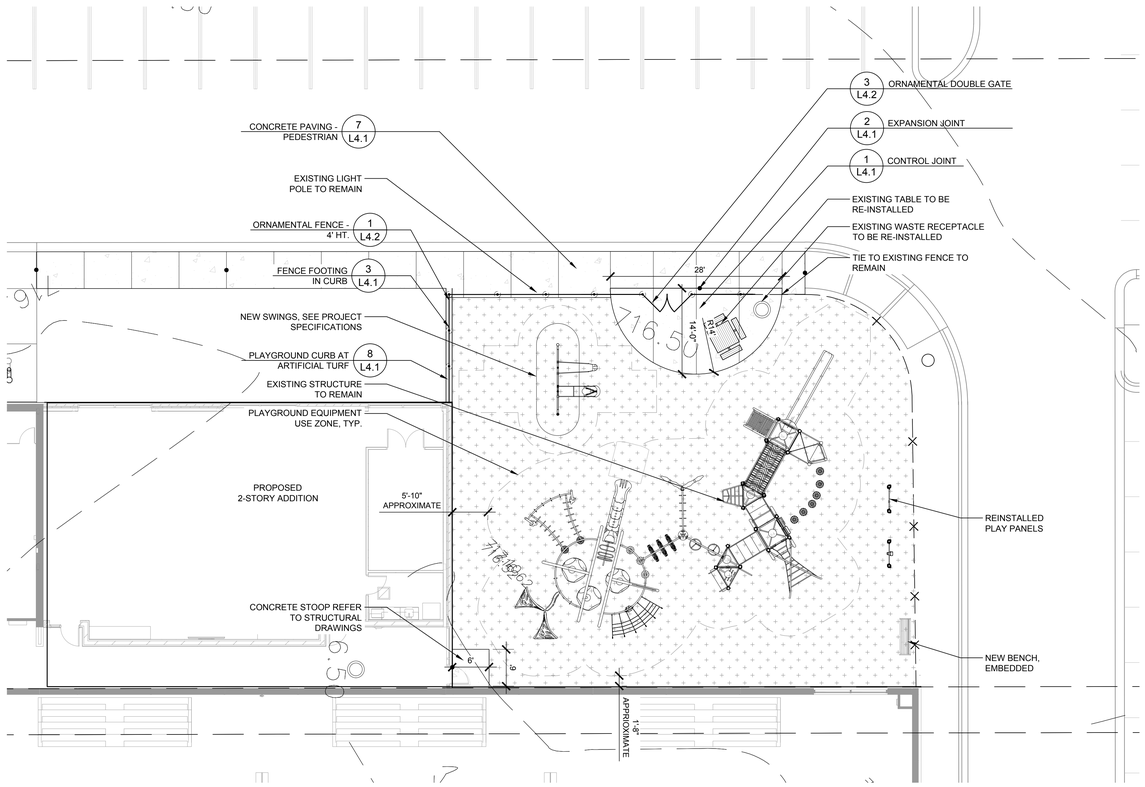


1 | LAYOUT AND MATERIALS PLAN - BASKETBALL ENLARGEMENT
1" = 10'



2 | LAYOUT AND MATERIALS PLAN - EV CHARGER LOCATIONS
1" = 10'



3 | LAYOUT AND MATERIALS PLAN - PLAYGROUND ENLARGEMENT
1" = 10'

LAYOUT NOTES

1. Contractor responsible for field layout of all new improvements. Digital files of geometric information will be provided upon request in AutoCAD format. No additional payment will be made for adjustments necessary to construct the work as drawn.
2. Contractor responsible to coordinate work in order to obtain approval of all layout by Owners Representative prior to construction. No additional payment will be made to correct work if constructed incorrectly without pre-approval by Owners Representative.
3. Contractor responsible to maintain all layout stakes during construction. No additional payment will be made to replace layout stakes.
4. Place stakes at edges of sport courts, fields, limits of playground, and every 25 feet on center along centerline of all pathways for review by the Owner's Representative prior to earthwork operations.
5. All walls are dimensioned to Face of Wall unless otherwise noted.
6. All dimensions from roadway are from Back of Curb unless otherwise noted.
7. All curves and radii to be smooth and not segmented.
8. Contractor to provide layout stakes every 10 feet minimum for large arcs where radius points are not accessible.
9. Adjustment to stake locations due to discrepancies between coordinates and dimensions is incidental to the contract. No additional payments will be made for this work.
10. All roadway widths are measured from edge of pavement to edge of pavement unless otherwise shown on the plans.
11. Contractor responsible to take delivery, assemble and install all materials and furnishings per manufacturer's instructions.
12. Place control and expansion joints as shown on plans and details for all curbs, walks, walls, steps, and concrete paving. Where joints are not shown, place control joints a maximum of 10 feet on center, expansion joints a maximum of 30 feet on center, and between all separate pours.
13. Contractor will maintain use zone requirements within soft surfacing; no use zone will overlap or be tangent unless noted. Adjust playground barrier curb and/or adjacent paving as needed to accommodate play equipment use zones.
14. Coordinate location of storm line with playground footings and obtain Owner's approval prior to installation.
15. Refer to specifications for additional conditions, standards and notes.
16. Unless otherwise noted, for products/equipment to be purchased by contractor or by owner, contractor shall take delivery, verify, and install per manufacturers recommendations. Contractor is responsible for reaching out to product / equipment vendors to obtain a full and complete understanding of the installation requirements prior to submitting a bid.

LAYOUT LEGEND

- Existing Playground Artificial Turf Surfacing
- Concrete Paving - Pedestrian
- Sport Court Surfacing - Color A
- Sport Court Surfacing - Color B

SCALE IN FEET
1" = 10'
0' 5' 10' 30'

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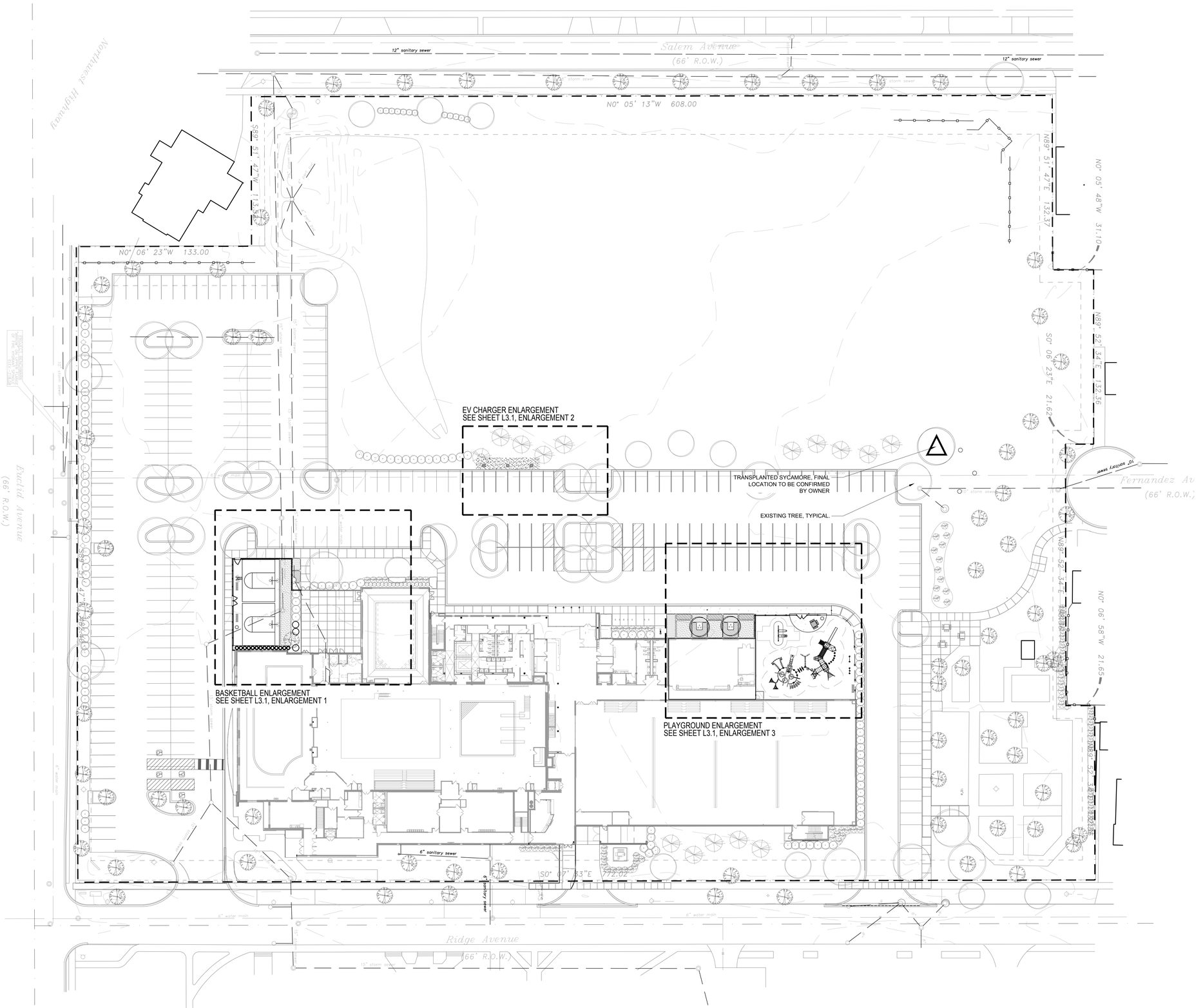

PLANTING NOTES

1. Seed/Sod limit line is approximate. Seed/Sod to limits of grading and disturbance. Contractor responsible for restoration of any unauthorized disruption outside of designated construction area.
2. Contractor responsible for erosion control in all seeded/sodded areas.
3. Tree mulch rings in turf areas are 5 foot diameter, typical. Contractor shall provide a mulch ring around all existing trees within the limit of work. Remove all existing grass from area to be mulched and provide a typical v-trench edge.
4. Bedlines are to be spade cut to a minimum depth of 3 inches unless otherwise shown on the plans. Curved bedlines are to be smooth and not segmented.
5. Do not locate plants within 10' of utility structures, or within 5' horizontally of underground utility lines unless otherwise shown on the plans. Consult with Landscape Architect if these conditions exist.
6. Plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn and specified. No additional payments will be made for materials required to complete the work as drawn and specified.
7. Refer to specifications for additional conditions, standards and notes.

PLANTING LEGEND

- Turf Seed and Blanket
- Mulch Ring, typical.
- Item to be relocated

SCALE IN FEET

1" = 30'

0' 15' 30' 90'

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PLANTING PLAN - OVERALL

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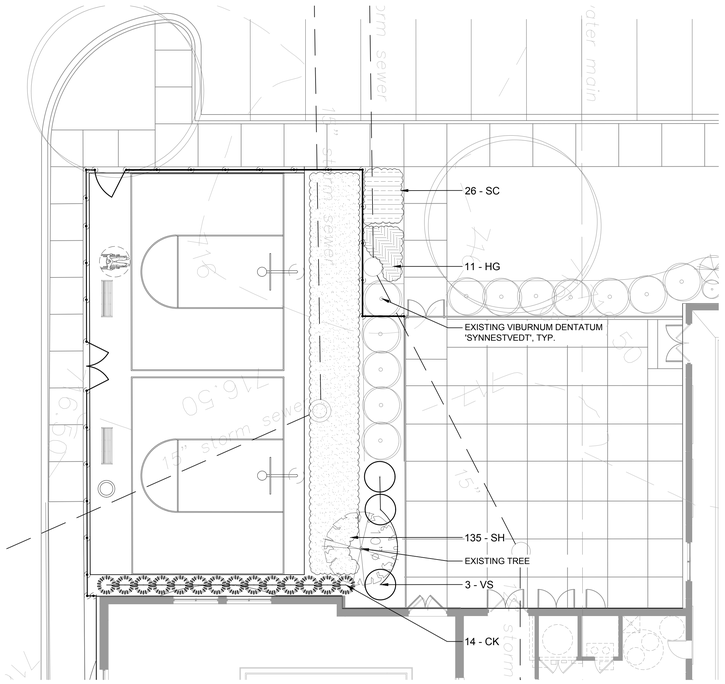

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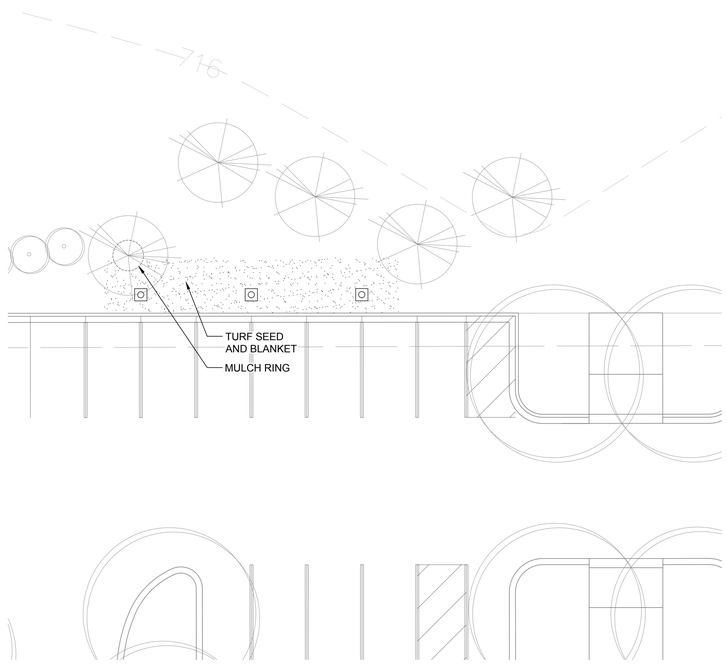
1" = 10'



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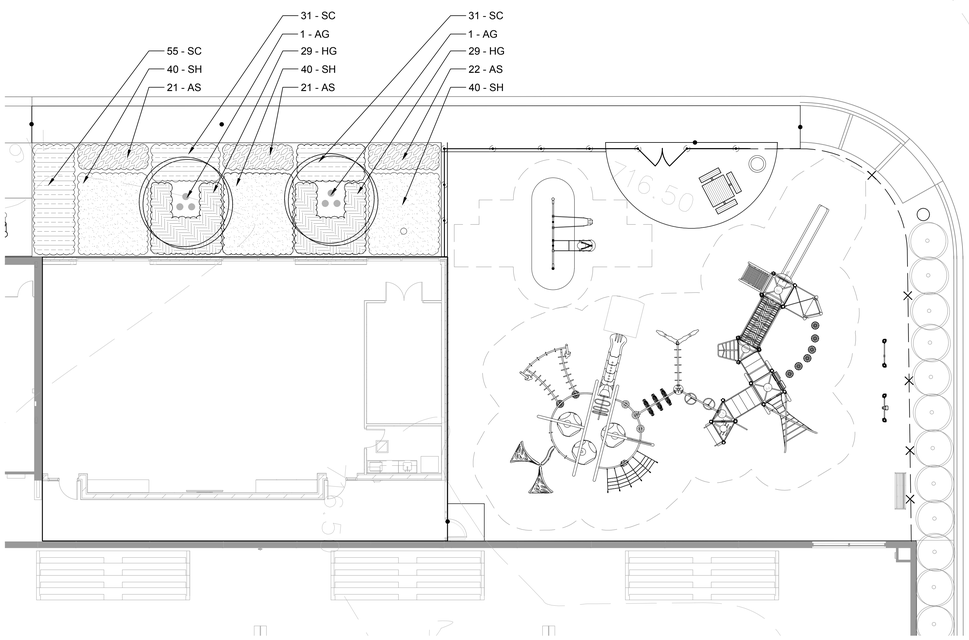

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7. Refer to specifications for additional conditions, standards and notes.

PLANTING LEGEND

- Turf Seed and Blanket
- Mulch Ring, typical.
- Item to be relocated

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER		QTY	ENLARGEMENT 1	ENLARGEMENT 2
ORNAMENTAL TREE								
	AG	Amelanchier x grandiflora 'Autumn Brilliance' Autumn Brilliance Apple Serviceberry	8` Ht. Multi-Stem	B&B		2		2
SHRUBS								
	VS	Viburnum dentatum 'Synnestvedt' Chicago Lustre® Arrowwood Viburnum	36" Ht.	5 Gal.		3	3	
ORNAMENTAL GRASSES								
	CK	Calamagrostis x acutiflora 'Karl Foerster' Karl Foerster Feather Reed Grass	1 Gal.			14	14	
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE		SPACING	QTY	ENLARGEMENT 1	ENLARGEMENT 2
GRASSES								
	SH	Sporobolus heterolepis Prairie Dropseed	1 Gal.		24" o.c.	255	135	120
PERENNIALS								
	AS	Allium x 'Summer Beauty' Summer Beauty Ornamental Onion	1 Gal.		18" o.c.	64		64
	HG	Hosta x 'Guacamole' Guacamole Hosta	1 Gal.		24" o.c.	69	11	58
	SC	Salvia nemorosa 'Caradonna' Cardonna Meadow Sage	1 Gal.		18" o.c.	143	26	117

SCALE IN FEET
1" = 30'
N
0' 15' 30' 90'

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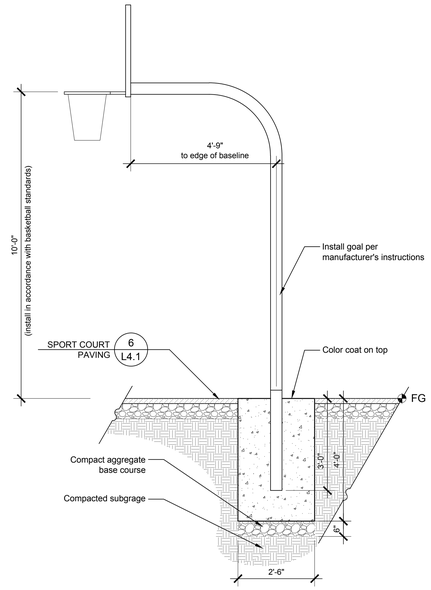
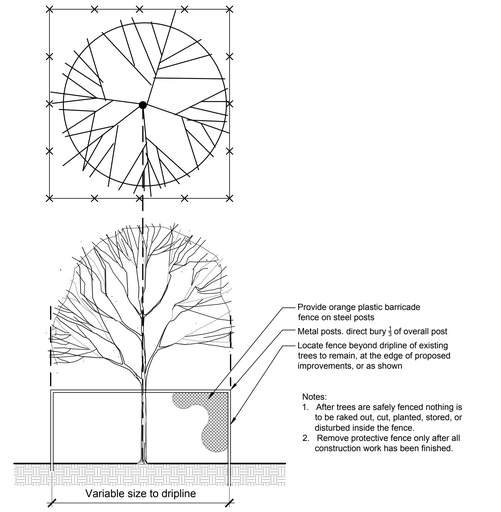


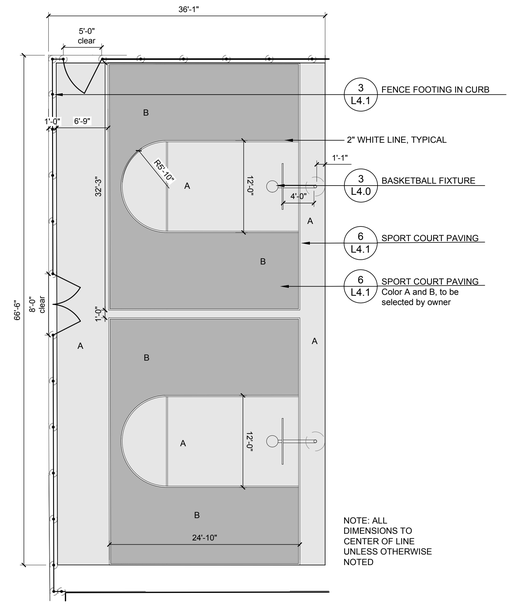
3 BASKETBALL FIXTURE

1/2" = 1'-0"



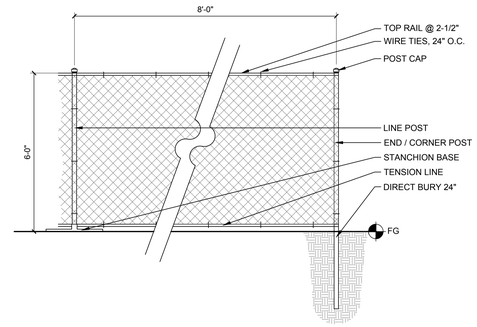
2 TREE PROTECTION FENCE

1/2" = 1'-0"



4 BASKETBALL LAYOUT

1/8" = 1'-0"



1 TEMPORARY CONSTRUCTION FENCE

1/2" = 1'-0"

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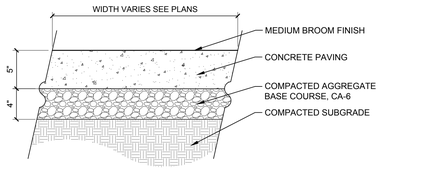
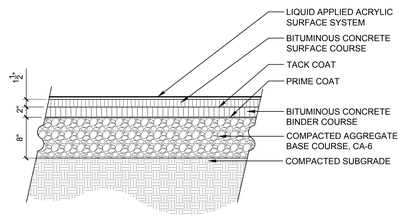


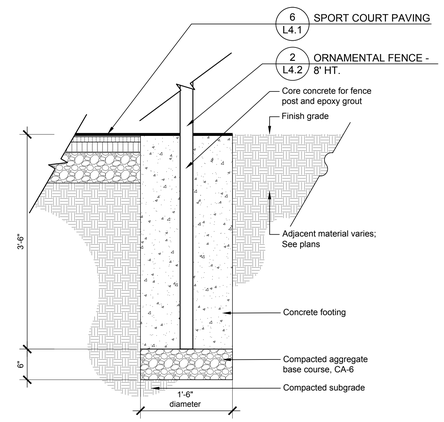
7 CONCRETE PAVING - PEDESTRIAN

1 1/2" = 1'-0"



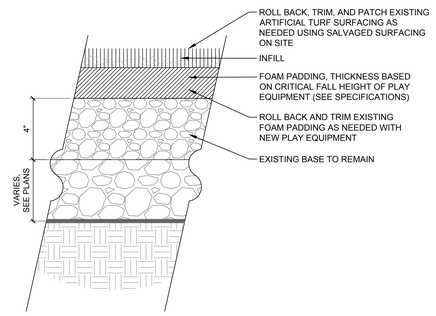
6 SPORT COURT PAVING

1" = 1'-0"



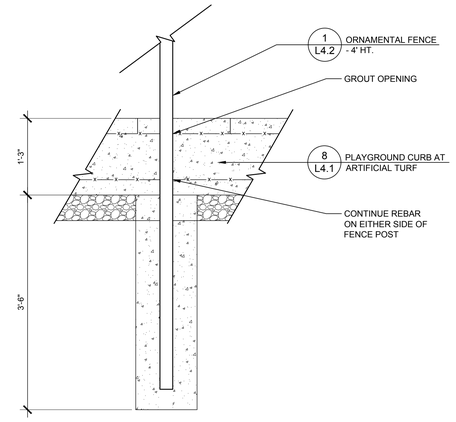
5 FENCE FOOTING - SPORT COURT

1" = 1'-0"



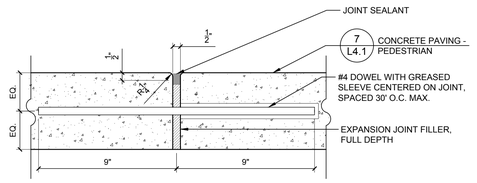
9 ARTIFICIAL TURF PLAYGROUND SURFACING

3" = 1'-0"



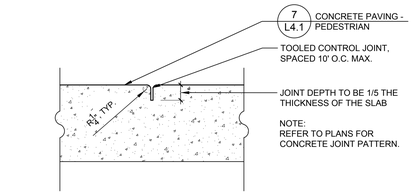
3 FENCE FOOTING IN CURB

1" = 1'-0"



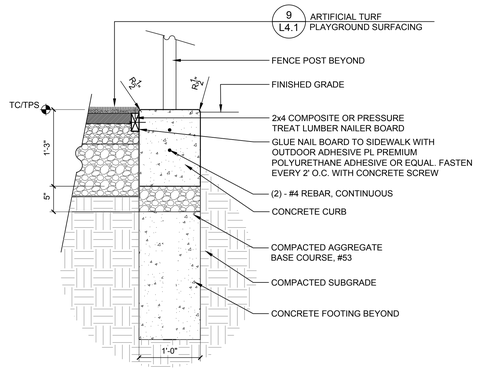
2 EXPANSION JOINT

3" = 1'-0"



1 CONTROL JOINT

3" = 1'-0"



8 PLAYGROUND CURB AT ARTIFICIAL TURF

1" = 1'-0"

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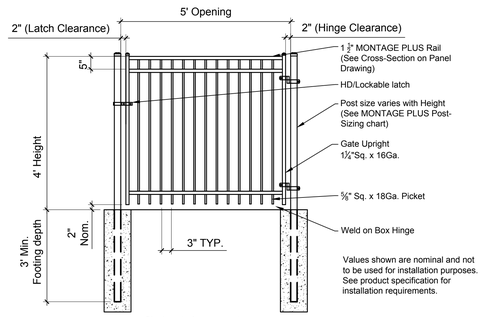
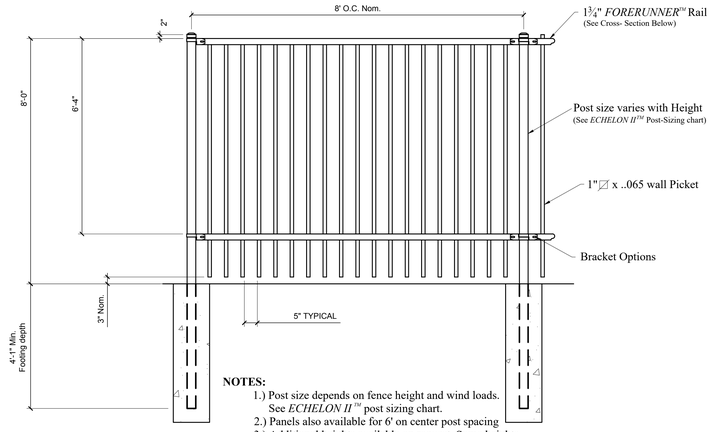


Single gate Arrangement

NOTES:
1.) Post size depends on fence height, weight and wind loads. See *MONTAGE* specifications for post sizing chart.
2.) See *Ameristar* gate table for standard out to outs. Custom gate openings available for special out to out/leaf widths.
3.) Additional styles of gate hardware are available on request. This could change the Latch & Hinge Clearance.
4.) Third rail and 3" air space
5.) Confirm fence matches existing on site.

4 ORNAMENTAL SINGLE GATE

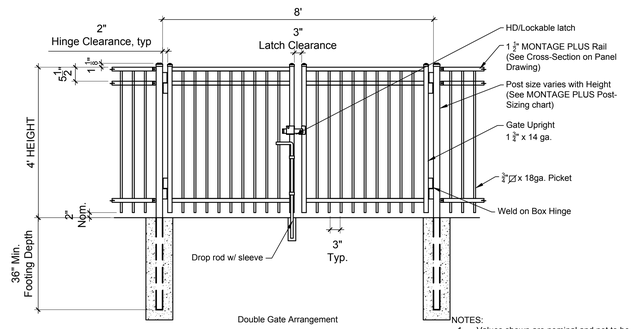
1/2" = 1'-0"



NOTES:
1.) Post size depends on fence height and wind loads. See *ECHELON II™* post sizing chart.
2.) Panels also available for 6' on center post spacing
3.) Additional heights available on request. Some heights noted require a third and/or fourth rail.
4.) Confirm fence matches existing on site.

2 ORNAMENTAL FENCE - 8' HT.

1/2" = 1'-0"

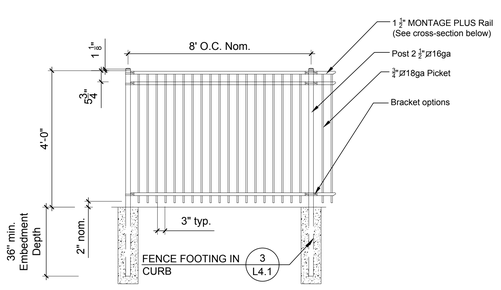


Double Gate Arrangement

NOTES:
1. Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.
2. Confirm fence matches existing on site.

3 ORNAMENTAL DOUBLE GATE

1/2" = 1'-0"



Notes:
1. Post size depends on fence height and wind loads. See MONTAGE PLUS specifications for post sizing chart
2. Third rail and 3" air space
3. Confirm fence matches existing on site.

1 ORNAMENTAL FENCE - 4' HT.

3/8" = 1'-0"

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ARC ADDITION & LOCKER ROOM RENOVATION

ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

ISSUED FOR BID AND PERMIT

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DETAILS - FENCING

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L4.2

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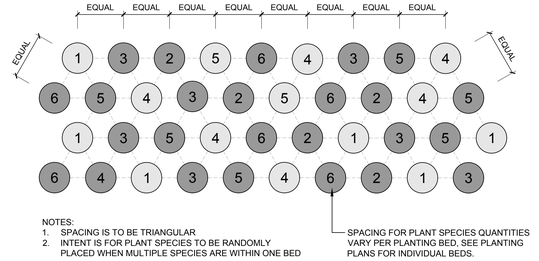
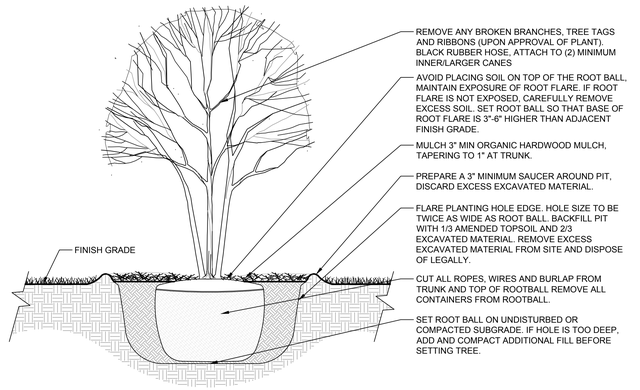


NOTES:
1. SPACING IS TO BE TRIANGULAR
2. INTENT IS FOR PLANT SPECIES TO BE RANDOMLY PLACED WHEN MULTIPLE SPECIES ARE WITHIN ONE BED

SPACING FOR PLANT SPECIES QUANTITIES VARY PER PLANTING BED. SEE PLANTING PLANS FOR INDIVIDUAL BEDS.

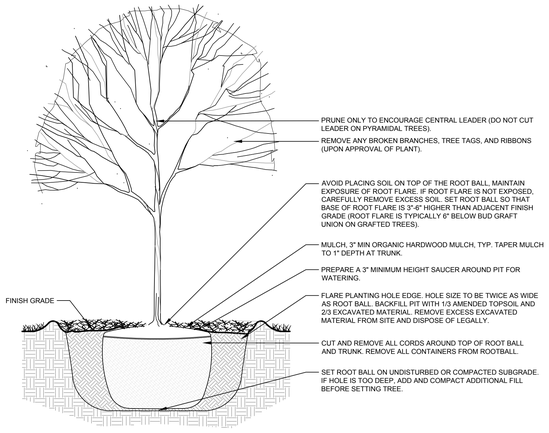
3 PLANT SPACING

1/2" = 1'-0"



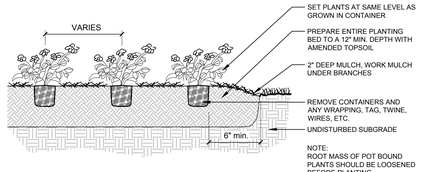
2 ORNAMENTAL TREE PLANTING

1/2" = 1'-0"



1 SHADE TREE - NO TP

1/2" = 1'-0"



NOTE:
ROOT MASS OF POT BOUND PLANTS SHOULD BE LOOSENED BEFORE PLANTING

4 PERENNIAL PLANTING

1/2" = 1'-0"

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ARC ADDITION & LOCKER ROOM RENOVATION

ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

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DETAILS - PLANTING

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EXHIBIT D

ARCHITECTURAL PLANS

VILLAGE OF ARLINGTON HEIGHTS APPLICABLE CODES:

1.	2018	INTERNATIONAL BUILDING CODE
2.	2014	ILLINOIS PLUMBING CODE (77 ILL. ADM. CODE 890)
3.	2021	INTERNATIONAL ENERGY CONSERVATION CODE
4.	2018	ILLINOIS ACCESSIBILITY CODE (71 ILL. ADM. CODE 400)
5.	2018	INTERNATIONAL FUEL GAS CODE
6.	2018	INTERNATIONAL MECHANICAL CODE
7.	2015	NFPA LIFE SAFETY CODE
8.	2017	NATIONAL ELECTRICAL CODE
9.	CURRENT	ILLINOIS DEPARTMENT OF PUBLIC HEALTH POOL CODE
10.	CURRENT	ILLINOIS ELEVATORE SAFETY AND REGULATION ACT

BUILDING AREAS:

	EXISTING	ADDITION	TOTAL
BASEMENT GROSS ENCLOSED AREA:	16,242 SF	0 SF	16,242 SF
FIRST FLOOR GROSS ENCLOSED AREA:	66,712 SF	3,073 SF	69,785 SF
SECOND FLOOR GROSS ENCLOSED AREA:	30,962 SF	3,073 SF	34,035 SF
TOTAL:	45,721 SF	6,146 SF	120,062 SF

	BUILDING 1	BUILDING 2
BASEMENT GROSS ENCLOSED AREA:	16,242 SF	0 SF
FIRST FLOOR GROSS ENCLOSED AREA:	33,863 SF	35,922 SF
SECOND FLOOR GROSS ENCLOSED AREA:	0 SF	34,035 SF
TOTAL:	50,105 SF	69,957 SF

CODE COMPLIANCE NOTES:

1. BUILDING USES : ASSEMBLY A-3 (Section 303.1), SINGLE OCCUPANCY

   BUILDING TYPE : 2B (TABLE 601)
   FIRE PROTECTION SYSTEMS: AUTOMATIC SPRINKLER SYSTEM
   OCCUPANCY CLASSIFICATIONS : (SECTIONS 302-312, 408)
   1. ACCESSORY OCCUPANCIES (SECTION 508.3.1): N/A
   2. INCIDENTAL USE AREAS (TABLE 508.2): N/A
   3. MIXED OCCUPANCY AND FIRE AREA SEPARATIONS (TABLE 508.4), FOR SPRINKLERED BUILDING: N/A

2. HEIGHT CALCULATIONS (MIXED USE SEPARATED BY USE GROUPS)

USE GROUP	A-3
ALLOWABLE HEIGHT = # STORIES / HEIGHT (FT)	2 STORIES / 55 FT
INCREASE FOR AUTOMATIC SPRINKLERS (504.2)	1 STORY / 20 FT
ADJUSTED ALLOW. HEIGHT = # STORIES / HEIGHT (FT)	3 STORIES / 75 FT
ACTUAL HEIGHT = # STORIES / HEIGHT (FT)	2 STORY / 36 FT

3. ALLOWABLE BUILDING AREA PER BUILDING: 28,500 SF/FLOOR
   INCREASE FOR OPEN SPACE: 75%
   TOTAL ALLOWABLE BUILDING AREA PER BUILDING (2 FLOORS): 99,750 SF
   TOTAL ALLOWABLE BUILDING AREA PER BUILDING FOR 1 FLOOR: 48,875 SF

4. FIRE-RESISTANCE LEGEND:
   1-HR. FIRE SEPARATION ASSEMBLY
   2-HR. FIRE SEPARATION ASSEMBLY

CODE PLAN LEGEND

5. OCCUPANCY LEGEND:
   OCCUPANT LOAD: CALCULATED BY ROOM SQUARE FOOTAGE OR ACTUAL OCCUPANT LOAD ("0" INDICATES THAT THE ACTUAL OCCUPANT WAS USED)

   OFFICE — ROOM NAME
   7120 — ROOM NUMBER
   504 — AREA OF ROOM (S.F.)
   100 — S.F. / OCCUPANT (TABLE 1004.5)
   9 — OCCUPANT LOAD

6. EXITING LEGEND:
   11 — DIRECTION OF TRAVEL
   OCCUPANT LOAD (TABLE 1004.5 OR ACTUAL)
   31" / 68" — EXIT CAPACITY REQUIRED (Section 1005)
   EXIT CAPACITY PROVIDED (OPENING CLEAR WIDTH)

   * NOTE: EXIT CAPACITY: DOORS: 0.15 IN / PERSON

7. MAXIMUM TRAVEL DISTANCE
   TD (TRAVEL DISTANCE TO EXIT) = 250'
   CD (COMMON PATH OF TRAVEL DISTANCE) = 75'

   DISTANCE TO EXIT (TABLE 1017.2) : ASSEMBLY A-3: 250 FEET

   COMMON PATH OF TRAVEL: 75 FEET

   MIN. # OF EXITS FOR OCCUPANT LOAD:

OCCUPANT LOAD (PER STORY)	MIN. NO. OF EXITS (PER STORY)
1 - 500	2
500 - 1000	3
MORE THAN 1000	4

   DEAD END: MAX. 20 FEET (SECTION 1020.4)

8. F.E.C.-X EXISTING FIRE EXTINGUISHER

   F.E.C. FIRE EXTINGUISHER CABINET (1 PER 3,000 SF & 75 FT. MAX. TRAVEL) RECESSED - U.N.O.

   F.E. SURFACE-MOUNTED FIRE EXTINGUISHER

9. FLOOR AREA RATIO

   BUILDING GROSS AREA: 120,062 SF
   SITE AREA: 436,474
   F.A.R. : 27.5%

10. PARKING

    PARKING REQUIRED FOR 30% OF BUILDING CAPACITY
    291 PARKING SPOTS PROVIDED (INCLUDING 17 LANDBANKED SPOTS)

FIRE-RESISTIVE REQUIREMENTS:

FOR TYPE 2B CONSTRUCTION

RATINGS FOR BUILDING ELEMENTS (IN HOURS):

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILING ELEMENTS (TABLE 601) :

1. a. STRUCTURAL FRAME: (COLUMNS, GIRDERS, BEAMS, JOISTS, SPANDRELS AND BRACING) 0 HR
   b. EXTERIOR BEARING WALLS: N/A
   c. INTERIOR BEARING WALLS: 0 HR
   d. NON-BEARING WALLS AND PARTITIONS - EXTERIOR: 0 HR
   e. NON-BEARING WALLS AND PARTITIONS - INTERIOR: 0 HR
   f. FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR
   g. ROOF CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR

   FIRE WALLS AND PARTY WALLS: 2 HR

   FIRE SEPARATION ASSEMBLIES:
   a. EXIT (STAIR) ENCLOSURES 1 hr.
   b. SHAFT ENCLOSURES/ELEVATOR HOISTWAYS 1 hr. (Section 708)
   c. MIXED USE/FIRE SEPARATION ASSEMBLIES N/A
   d. OTHER SEPARATION ASSEMBLIES N/A
   e. SHAFTS N/A

   FIRE PARTITIONS:
   a. EXIT ACCESS CORRIDORS: 0 HR. (TABLE 1017.2)
   b. COMBUSTIBILITY (SECTIONS 602.2, 602.3, 602.4, 602.5, 603)
      1. EXTERIOR WALLS: NON-COMBUSTIBLE
      2. INTERIOR ELEMENTS: NON-COMBUSTIBLE
      3. ROOF: NON-COMBUSTIBLE

2. OTHER REQUIREMENTS: INCIDENTAL USE AREAS (TABLE 508.2) / (TABLE 715.4):
   a. MECHANICAL/ELECTRICAL/PUMP 1 HR. / 45 MIN. DOORS

EXISTING CONSTRUCTION TO REMAIN

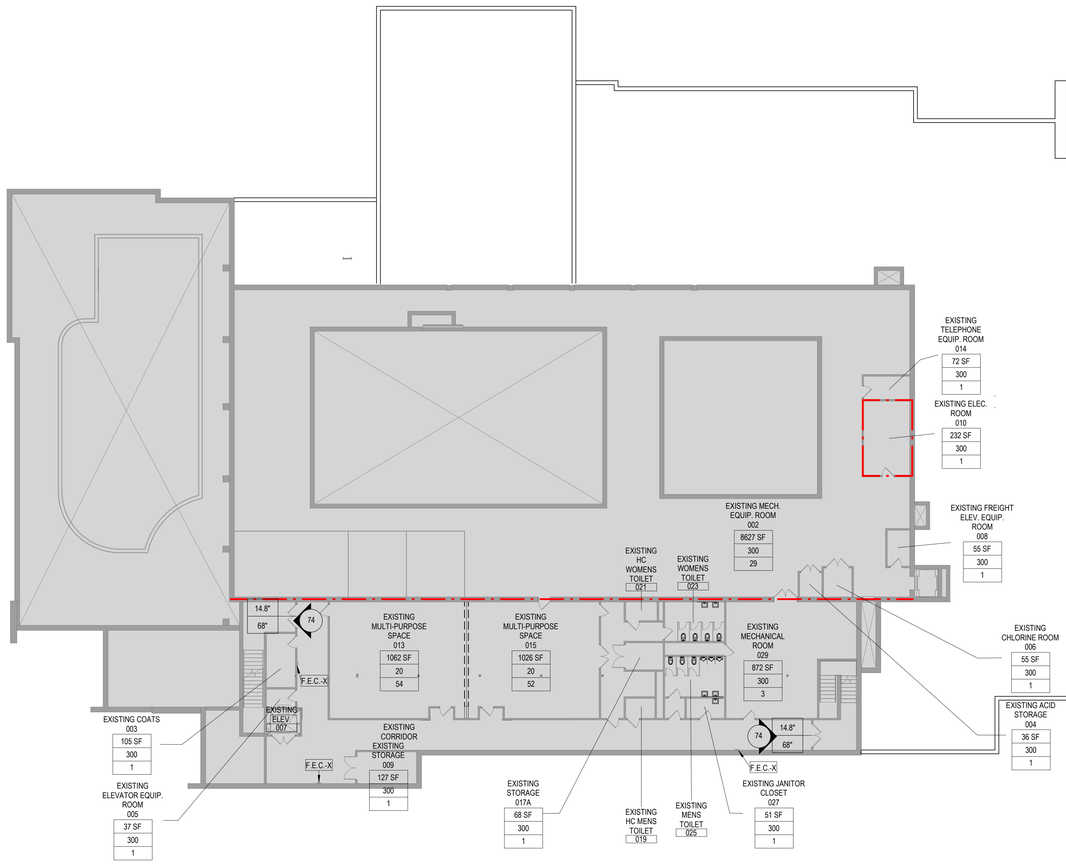
OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	OCCUPANCY GROUP	OCCUPANCY TYPE	ROOM AREA (S.F.)	SF PER PERSON	ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)	Comments
BASEMENT								
002	EXISTING MECH. EQUIP. ROOM	A-3	MECHANICAL	8627 SF	300	29	0	
003	EXISTING COATS	A-3	STORAGE	105 SF	300	1	0	
004	EXISTING ACID STORAGE	A-3	STORAGE	36 SF	300	1	0	
005	EXISTING ELEVATOR EQUIP. ROOM	A-3	MECHANICAL	37 SF	300	1	0	
006	EXISTING CHLORINE ROOM	A-3	MECHANICAL	55 SF	300	1	0	
007	EXISTING ELEV.	A-3	-	57 SF	0		0	
008	EXISTING FREIGHT ELEV. EQUIP. ROOM	A-3	MECHANICAL	55 SF	300	1	0	
009	EXISTING STORAGE	A-3	STORAGE	127 SF	300	1	0	
010	EXISTING ELEC. ROOM	A-3	MECHANICAL	232 SF	300	1	0	
011	EXISTING CORRIDOR	A-3	-	1557 SF	0		0	
012	EXISTING FREIGHT ELEV.	A-3	-	44 SF	0		0	
013	EXISTING MULTI-PURPOSE SPACE	A-3	CLASSROOM	1062 SF	20	54	54	
014	EXISTING TELEPHONE EQUIP. ROOM	A-3	MECHANICAL	72 SF	300	1	0	
015	EXISTING MULTI-PURPOSE SPACE	A-3	CLASSROOM	1026 SF	20	52	52	
017	EXISTING CORRIDOR / SERVICE	A-3	-	285 SF	0		0	
017A	EXISTING STORAGE	A-3	STORAGE	68 SF	300	1	0	
019	EXISTING HC MENS TOILET	A-3	-	39 SF	0		0	
021	EXISTING HC WOMENS TOILET	A-3	-	39 SF	0		0	
023	EXISTING WOMENS TOILET	A-3	-	158 SF	0		0	
025	EXISTING MENS TOILET	A-3	-	161 SF	0		0	
027	EXISTING JANITOR CLOSET	A-3	STORAGE	51 SF	300	1	0	
029	EXISTING MECHANICAL ROOM	A-3	MECHANICAL	872 SF	300	3	0	
GROUND FLOOR								
100	LOBBY	A-3	BUSINESS	1990 SF	100	20	20	
100A	VESTIBULE	A-3	-	191 SF	0		0	RECONFIGURED
100B	EXISTING VIEWING AREA	A-3	BUSINESS	767 SF	100	8	8	
100C	EXISTING CORRIDOR	A-3	-	648 SF	0		0	
100D	CORRIDOR	A-3	-	527 SF	0		0	NEW CORRIDOR
101	EXISTING COPY/WORK	A-3	OFFICE	150 SF	100	2	2	
102	EXISTING BABYSITTING	A-3	CLASSROOM	583 SF	35	17	17	
102A	EXISTING TOILET ROOM	A-3	-	53 SF	0		0	
102B	EXISTING STORAGE	A-3	STORAGE	74 SF	300	1	0	
102C	EXISTING ELEC	A-3	MECHANICAL	62 SF	300	1	0	
103	EXISTING OFFICE	A-3	OFFICE	121 SF	100	2	1	
106	EXISTING ELEV.	A-3	-	75 SF	0		0	
107	MENS LOCKER ROOM	A-3	EXERCISE	791 SF	50	16	16	PREVIOUSLY WOMEN'S LOCKER ROOM
107A	EXISTING ENTRY	A-3	-	76 SF	0		0	
107B	EXISTING ENTRY	A-3	-	65 SF	0		0	
108	EXISTING DATA	A-3	MECHANICAL	84 SF	300	1	0	

BUILDING PLUMBING FIXTURES						POOL PLUMBING FIXTURES			
2070 TOTAL ANTICIPATED OCCUPANTS: 1,035 MALE & 1,035 FEMALE						693 EXISTING BATHER LOAD (TO REMAIN)			
FIXTURE	REQUIRED		PROVIDED			REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE	UNISEX	MALE	FEMALE	MALE	FEMALE
WATER CLOSETS	5	11	8	13	2	3	6	3	6
URINAL	6	-	5	-	-	3	-	3	-
LAVATORY	4	4	8	8	2	2	2	3	3
SHOWER (BASED ON 693 TOTAL BATHERS)	4	4	8	8	3	6	6	6	3
DRINKING FOUNTAIN OR WATER COOLER	1 SET FOR EACH SET OF MEN/WOMEN TOILETS			2					
SERVICE SINK	1 PER FLOOR			2					

OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	OCCUPANCY GROUP	OCCUPANCY TYPE	ROOM AREA (S.F.)	SF PER PERSON	ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)	Comments
109A	WOMENS LOCKER ROOM	A-3	EXERCISE	781 SF	50	16	15	PREVIOUSLY MEN'S LOCKER ROOM
110	EXISTING WOMEN'S	A-3	-	315 SF	0		0	
111D	EXISTING ENTRY	A-3	-	68 SF	0		0	
112	EXISTING MEN'S	A-3	-	377 SF	0		0	
113	EXISTING JAN. CL.	A-3	STORAGE	64 SF	300	1	0	
115	EXISTING WARM WATER POOL DECK	A-3	POOL DECK	2039 SF	15	136	28	BATHER LOAD TO REMAIN
115	EXISTING WARM WATER POOL	A-3	POOL	1500 SF	50	30	100	BATHER LOAD TO REMAIN
116	EXISTING VESTIBULE	A-3	-	1304 SF	0		0	
117-B	EXISTING POOL EQUIPMENT	A-3	STORAGE	414 SF	300	2	0	
117-C	EXISTING SANITIZER ROOM	A-3	STORAGE	42 SF	300	1	0	
117-D	EXISTING PH BUFFER ROOM	A-3	STORAGE	40 SF	300	1	0	
118	EXISTING WORK ROOM	A-3	OFFICE	333 SF	100	4	4	
119	EXISTING CORRIDOR	A-3	-	574 SF	0		0	
120	EXISTING GYMNASIUM	A-3	EXERCISE	19267 SF	50	386	386	
120	EXISTING GYMNASIUM BLEACHERS	A-3	FIXED SEATS	200 SF	1	200	200	
120A	EXISTING ELEC.	A-3	MECHANICAL	260 SF	300	1	0	
120B	EXISTING TELCOM	A-3	MECHANICAL	115 SF	300	1	0	
120C	EXISTING STORAGE	A-3	STORAGE	227 SF	300	1	0	
122	EXISTING FREIGHT ELEVATOR	A-3	-	84 SF	0		0	
124	EXISTING TRASH / GEN. ENCLOSURE	A-3	-	450 SF	0		0	
126	EXISTING MULTI-PURPOSE	A-3	CLASSROOM	1162 SF	50	24	24	
126B	EXISTING STORAGE	A-3	STORAGE	164 SF	300	1	0	
126C	EXISTING ELEC.	A-3	MECHANICAL	77 SF	300	1	0	
128	EXISTING MULTI-PURPOSE	A-3	CLASSROOM	1179 SF	50	24	24	
128B	EXISTING STORAGE	A-3	STORAGE	287 SF	300	1	0	
130	EXISTING VESTIBULE	A-3	-	103 SF	0		0	
131	EXISTING LAP & DIVING POOL DECK	A-3	POOL DECK	6085 SF	15	406	119	
131	EXISTING LAP POOL	A-3	POOL	3379 SF	50	68	226	
131	EXISTING DIVING POOL	A-3	POOL	1600 SF	50	32	28	
131	EXISTING POOL BLEACHERS	A-3	FIXED SEATS	708 SF	4	178	176	
131A	EXISTING STORAGE	A-3	STORAGE	31 SF	300	1	0	
131B	EXISTING PUMP ROOM	A-3	MECHANICAL	14 SF	300	1	0	
131C	EXISTING POOL STORAGE	A-3	STORAGE	148 SF	300	1	0	
131D	EXISTING STORAGE ROOM	A-3	STORAGE	14 SF	300	1	0	
131F	EXISTING SAUNA	A-3	EXERCISE	112 SF	50	3	3	
132	EXISTING CORRIDOR	A-3	-	780 SF	0		0	
133	EXISTING LEISURE POOL DECK	A-3	POOL DECK	3599 SF	15	240	48	BATHER LOAD TO REMAIN
133	EXISTING LEISURE POOL	A-3	POOL	2477 SF	50	50	144	BATHER LOAD TO REMAIN
133A	EXISTING POOL STORAGE	A-3	STORAGE	92 SF	300	1	0	
135	EXISTING POOL MANAGER	A-3	OFFICE	428 SF	100	5	1	
135A	EXISTING LOCKERS	A-3	LOCKER ROOMS	60 SF	50	2	0	
135B	EXISTING LOCKERS	A-3	LOCKER ROOMS	49 SF	50	1	0	
136	NEW FAMILY CHANGING ROOM	A-3	LOCKER ROOMS	97 SF	50	2	0	
138	NEW FAMILY CHANGING ROOM	A-3	LOCKER ROOMS	96 SF	50	2	0	
140	EXISTING LOBBY	A-3	-	615 SF	0		0	
140A	EXISTING VESTIBULE	A-3	-	203 SF	0		0	
140B	EXISTING ELEV	A-3	-	51 SF	0		0	
140C	JAN. CL.	A-3	STORAGE	40 SF	300	1	0	RECONFIGURED
140D	VESTIBULE	A-3	-	181 SF	0		0	RECONFIGURED
142	EXISTING CORRIDOR	A-3	-	152 SF	0		0	
144	EXISTING RECEPTION WORK AREA	A-3	OFFICE	306 SF	100	4	4	
145	WOMEN'S CHANGING ROOM	A-3	LOCKER ROOMS	97 SF	50	2	0	RECONFIGURED
146	EXISTING AQUA. OFFICE	A-3	OFFICE	170 SF	100	2	1	
147	EXISTING CORRIDOR	A-3	-	269 SF	0		0	
148	EXISTING AQUA. OFFICE	A-3	OFFICE	143 SF	100	2	1	
149	MEN'S CHANGING ROOM	A-3	LOCKER ROOMS	88 SF	50	2	0	RECONFIGURED
150	EXISTING PARTY ROOM	A-3	CLASSROOM	691 SF	50	14	14	
150-A	EXISTING STORAGE	A-3	STORAGE	43 SF	300	1	0	
151	EXISTING CHANGING ROOM	A-3	LOCKER ROOMS	95 SF	50	2	0	
155	MULTI-PURPOSE	A-3	EXERCISE	1980 SF	50	40	40	NEW MULTIPURPOSE SPACE
155A	STORAGE	A-3	STORAGE	239 SF	300	1	0	NEW STORAGE
155B	KITCHENETTE	A-3	OFFICE	93 SF	100	1	1	NEW KITCHENETTE
ST100	EXISTING STAIR	A-3	-	139 SF	0		0	
ST101	EXISTING STAIR	A-3	-	113 SF	0		0	
ST102	EXISTING STAIRS	A-3	-	270 SF	0		0	
ST103	EXISTING STAIRS	A-3	-	244 SF	0		0	
SECOND FLOOR								
201	EXISTING CONTROL	A-3	OFFICE	114 SF	100	2	2	
204	EXISTING ASSESSMENT	A-3	OFFICE	164 SF	100	2	2	
205	EXISTING FITNESS	A-3	EXERCISE	5239 SF	50	105	105	
206	EXISTING ASSESSMENT	A-3	OFFICE	109 SF	100	2	2	
208	EXISTING ELEV.	A-3	-	71 SF	0		0	
210A	EXISTING TRACK	A-3	EXERCISE	6112 SF	50	123	123	
212	EXISTING FITNESS LOBBY	A-3	BUSINESS	1830 SF	100	19	19	
216	EXISTING WOMEN'S	A-3	-	238 SF	0		0	
216A	EXISTING LOCKER ROOM	A-3	LOCKER ROOMS	291 SF	50	6	6	
218	EXISTING MEN'S	A-3	-	274 SF	0		0	
218A	EXISTING LOCKER ROOM	A-3	LOCKER ROOMS	294 SF	50	6	6	
220	EXISTING JAN/LAUNDRY	A-3	MECHANICAL	89 SF	300	1	0	
222	EXISTING ELEC.	A-3	MECHANICAL	26 SF	300	1	0	
255	FITNESS ROOM	A-3	EXERCISE	2382 SF	50	48	48	
255A	STORAGE	A-3	STORAGE	469 SF	300	2	0	
255B	VESTIBULE	A-3	-	54 SF	0		0	
NUMBER OF ROOMS: 120						2430	2070	



1 CODE COMPLIANCE PLAN - BASEMENT

1/16" = 1'-0"

GENERAL CODE COMPLIANCE NOTES

1. PROVIDE FIRE WALLS, FIRE AND SMOKE PARTITIONS AT LOCATIONS INDICATED ON THESE G-Series DRAWINGS. PROVIDE CONSTRUCTION IN ACCORDANCE WITH UL-TEST NUMBERS FOR RATINGS INDICATED.
   UNLESS OTHERWISE NOTED PROVIDE THE FOLLOWING UL-TEST DESIGNS:
   2HR RATED CMU: UL-U905; UL-U906;
   3HR RATED CMU: UL-U904;
   1HR RATED GYPSUM BOARD: UL-U419; UL-U448;
   1-1/2HR RATED GYPSUM BOARD: UL-U449
   2HR RATED GYPSUM BOARD: UL-U411; UL-U412; UL-U419;
   3HR RATED GYPSUM BOARD: UL-U419;UL-U435;
   1HR RATED SHAFTWALL: UL-U469;
   2HR RATED SHAFTWALL: UL-U-467
2. FIRE RATED WALLS AND PARTITIONS SHALL BE CONTINUOUS, WITHOUT GAPS IN HORIZONTAL AND VERTICAL DIRECTIONS. SEAL ALL PENETRATIONS ACCORDING TO SPECIFIED OR SELECTED UL TESTS.
3. IN ADDITION TO SIGNS REQUIRED BY THE SPECIFICATIONS FOR EACH PENETRATION, PROVIDE STENCILLED SIGNS AT ALL ACCESSIBLE CONCEALED FLOOR, CEILING OR ATTIC SPACE WHICH INCORPORATES THE WORDS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS". PROVIDE AT LEAST ONE OR MORE SIGNS ON BOTH SIDES OF EACH WALL SEGMENT SPACED AT LEAST 15' APART. LETTERING SHALL BE AT LEAST 2" IN HEIGHT.

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ISSUANCE		
NO	DATE	DESCRIPTION
1	01/23/2025	ISSUED FOR BID & PERMIT
	03/25/2025	PLAN COMMISSION REV. 1

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

PLAN COMMISSION

CODE COMPLIANCE PLAN BASEMENT FLOOR

SHEET NO.
G1.0

JOB NO. 23-3791.02

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VILLAGE OF ARLINGTON HEIGHTS APPLICABLE CODES:

1.	2018	INTERNATIONAL BUILDING CODE	
2.	2014	ILLINOIS PLUMBING CODE (77 ILL. ADM. CODE 890)	
3.	2021	INTERNATIONAL ENERGY CONSERVATION CODE	
4.	2018	ILLINOIS ACCESSIBILITY CODE (71 ILL. ADM. CODE 400)	
5.	2018	INTERNATIONAL FUEL GAS CODE	
6.	2018	INTERNATIONAL MECHANICAL CODE	
7.	2015	NFPA LIFE SAFETY CODE	
8.	2017	NATIONAL ELECTRICAL CODE	
9.	CURRENT	ILLINOIS DEPARTMENT OF PUBLIC HEALTH POOL CODE	
10.	CURRENT	ILLINOIS ELEVATORE SAFETY AND REGULATION ACT	

BUILDING AREAS:

	EXISTING	ADDITION	TOTAL
BASEMENT GROSS ENCLOSED AREA:	16,242 SF	0 SF	16,242 SF
FIRST FLOOR GROSS ENCLOSED AREA:	66,712 SF	3,073 SF	69,785 SF
SECOND FLOOR GROSS ENCLOSED AREA:	30,962 SF	3,073 SF	34,035 SF
TOTAL:	45,721 SF	6,146 SF	120,062 SF

	BUILDING 1	BUILDING 2
BASEMENT GROSS ENCLOSED AREA:	16,242 SF	0 SF
FIRST FLOOR GROSS ENCLOSED AREA:	33,863 SF	35,922 SF
SECOND FLOOR GROSS ENCLOSED AREA:	0 SF	34,035 SF
TOTAL:	50,105 SF	69,957 SF

CODE COMPLIANCE NOTES:

1. BUILDING USES : ASSEMBLY A-3 (Section 303.1), SINGLE OCCUPANCY

   BUILDING TYPE : 2B (TABLE 601)
   FIRE PROTECTION SYSTEMS: AUTOMATIC SPRINKLER SYSTEM
   OCCUPANCY CLASSIFICATIONS : (SECTIONS 303-312, 408)
   1. ACCESSORY OCCUPANCIES (SECTION 508.3.1): N/A
   2. INCIDENTAL USE AREAS (TABLE 508.2): N/A
   3. MIXED OCCUPANCY AND FIRE AREA SEPARATIONS (TABLE 508.4), FOR SPRINKLERED BUILDING: N/A

2. HEIGHT CALCULATIONS (MIXED USE SEPARATED BY USE GROUPS)

USE GROUP	A-3
ALLOWABLE HEIGHT = # STORIES / HEIGHT (FT)	2 STORIES / 55 FT
INCREASE FOR AUTOMATIC SPRINKLERS (504.2)	1 STORY / 20 FT
ADJUSTED ALLOW. HEIGHT = # STORIES / HEIGHT (FT)	3 STORIES / 75 FT
ACTUAL HEIGHT = # STORIES / HEIGHT (FT)	2 STORY / 36 FT

3. ALLOWABLE BUILDING AREA PER BUILDING: 28,500 SF/FLOOR
   INCREASE FOR OPEN SPACE: 75%
   TOTAL ALLOWABLE BUILDING AREA PER BUILDING (2 FLOORS): 99,750 SF
   TOTAL ALLOWABLE BUILDING AREA PER BUILDING FOR 1 FLOOR: 48,875 SF

4. FIRE-RESISTANCE LEGEND:
   1-HR. FIRE SEPARATION ASSEMBLY
   2-HR. FIRE SEPARATION ASSEMBLY

5. OCCUPANCY LEGEND:
   OCCUPANT LOAD: CALCULATED BY ROOM SQUARE FOOTAGE OR ACTUAL OCCUPANT LOAD ("0" INDICATES THAT THE ACTUAL OCCUPANT WAS USED)
   OFFICE — ROOM NAME
   7120 — ROOM NUMBER
   504 — AREA OF ROOM (S.F.)
   100 — S.F. / OCCUPANT (TABLE 1004.5)
   9 — OCCUPANT LOAD

6. EXITING LEGEND:
   11 — DIRECTION OF TRAVEL
   OCCUPANT LOAD (TABLE 1004.5 OR ACTUAL)
   31" / 68" — EXIT CAPACITY REQUIRED (Section 1005)
   EXIT CAPACITY PROVIDED (OPENING CLEAR WIDTH)
   * NOTE: EXIT CAPACITY: DOORS: 0.15 IN / PERSON

7. MAXIMUM TRAVEL DISTANCE
   TD (TRAVEL DISTANCE TO EXIT) = 250'
   CD (COMMON PATH OF TRAVEL DISTANCE) = 75'
   DISTANCE TO EXIT (TABLE 1017.2) : ASSEMBLY A-3: 250 FEET
   COMMON PATH OF TRAVEL: 75 FEET
   MIN. # OF EXITS FOR OCCUPANT LOAD:

OCCUPANT LOAD (PER STORY)	MIN. NO. OF EXITS (PER STORY)
1 - 500	**2**
500 - 1000	3
MORE THAN 1000	4

   DEAD END: MAX. 20 FEET (SECTION 1020.4)

8. F.E.C.-X EXISTING FIRE EXTINGUISHER
   F.E.C. FIRE EXTINGUISHER CABINET (1 PER 3,000 SF & 75 FT. MAX. TRAVEL) RECESSED - U.N.O.
   F.E. SURFACE-MOUNTED FIRE EXTINGUISHER

9. FLOOR AREA RATIO
   BUILDING GROSS AREA: 120,062 SF
   SITE AREA: 436,474
   F.A.R. : 27.5%

10. PARKING
    PARKING REQUIRED FOR 30% OF BUILDING CAPACITY
    291 PARKING SPOTS PROVIDED (INCLUDING 17 LANDBANKED SPOTS)

FIRE-RESISTIVE REQUIREMENTS:

FOR TYPE 2B CONSTRUCTION

RATINGS FOR BUILDING ELEMENTS (IN HOURS):

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILING ELEMENTS (TABLE 601) :

1. a. STRUCTURAL FRAME: (COLUMNS, GIRDERS, BEAMS, JOISTS, SPANDRELS AND BRACING) 0 HR
   b. EXTERIOR BEARING WALLS: N/A
   c. INTERIOR BEARING WALLS: 0 HR
   d. NON-BEARING WALLS AND PARTITIONS - EXTERIOR: 0 HR
   e. NON-BEARING WALLS AND PARTITIONS - INTERIOR: 0 HR
   f. FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR
   g. ROOF CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR

   FIRE WALLS AND PARTY WALLS: 2 HR

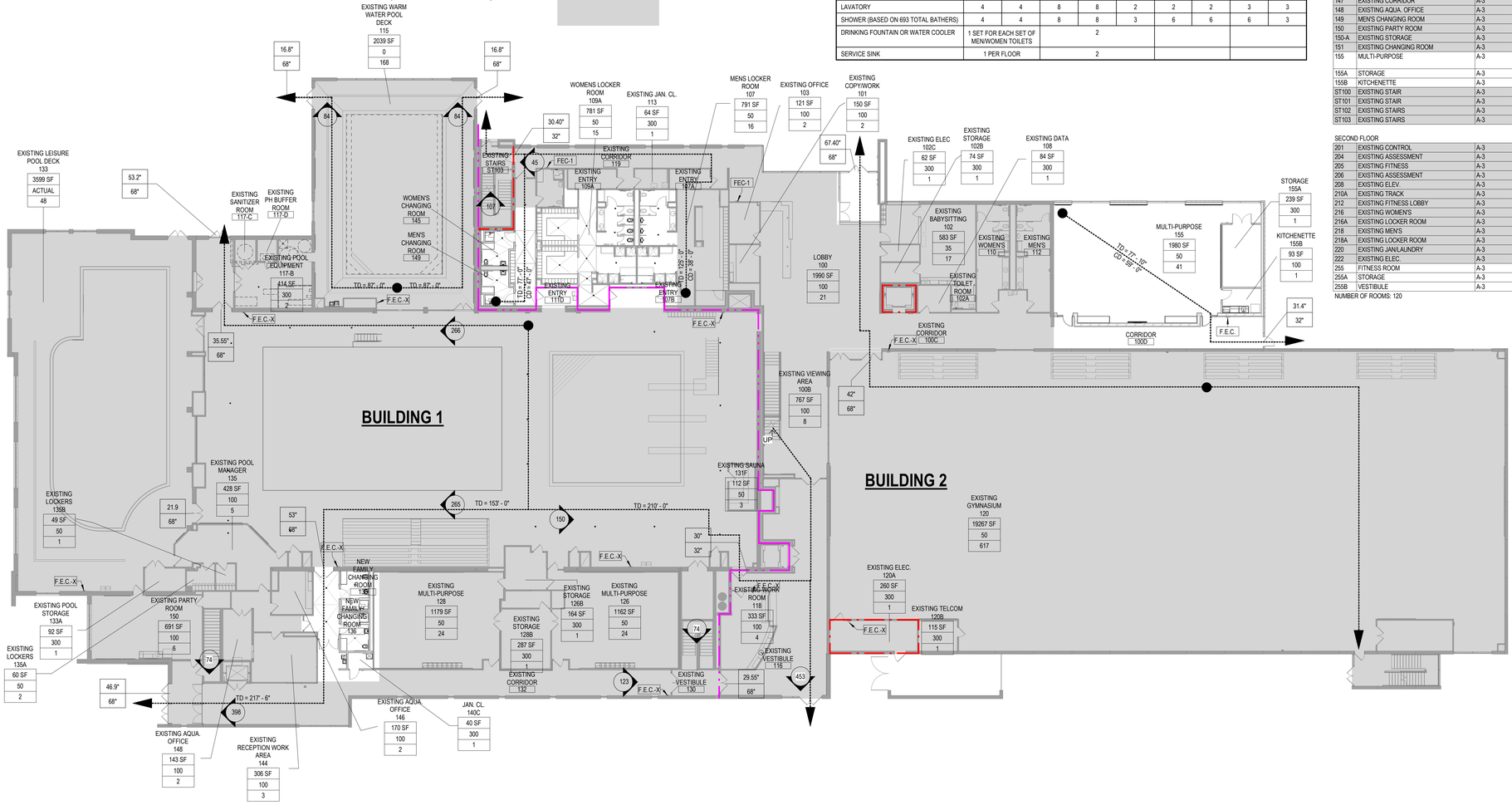
   FIRE SEPARATION ASSEMBLIES:
   a. EXIT (STAIR) ENCLOSURES 1 hr.
   b. SHAFT ENCLOSURES/ELEVATOR HOISTWAYS 1 hr. (Section 708)
   c. MIXED USE/FIRE SEPARATION ASSEMBLIES N/A
   d. OTHER SEPARATION ASSEMBLIES N/A
   e. SHAFTS N/A

   FIRE PARTITIONS:
   a. EXIT ACCESS CORRIDORS: 0 HR. (TABLE 1017.2)
   b. COMBUSTIBILITY (SECTIONS 602.2, 602.3, 602.4, 602.5, 603)
      1. EXTERIOR WALLS: NON-COMBUSTIBLE
      2. INTERIOR ELEMENTS: NON-COMBUSTIBLE
      3. ROOF: NON-COMBUSTIBLE

2. OTHER REQUIREMENTS: INCIDENTAL USE AREAS (TABLE 508.2) / (TABLE 715.4):
   a. MECHANICAL/ELECTRICAL/PUMP 1 HR / 45 MIN. DOORS

CODE PLAN LEGEND

EXISTING CONSTRUCTION TO REMAIN



OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	OCCUPANCY GROUP	OCCUPANCY TYPE	ROOM AREA (S.F.)	SF PER PERSON	ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)	Comments
BASEMENT								
002	EXISTING MECH. EQUIP. ROOM	A-3	MECHANICAL	8627 SF	300	29	0	
003	EXISTING COATS	A-3	STORAGE	105 SF	300	1	0	
004	EXISTING ACID STORAGE	A-3	STORAGE	36 SF	300	1	0	
005	EXISTING ELEVATOR EQUIP. ROOM	A-3	MECHANICAL	37 SF	300	1	0	
006	EXISTING CHLORINE ROOM	A-3	MECHANICAL	55 SF	300	1	0	
007	EXISTING ELEV.	A-3	-	57 SF	0		0	
008	EXISTING FREIGHT ELEV. EQUIP. ROOM	A-3	MECHANICAL	55 SF	300	1	0	
009	EXISTING STORAGE	A-3	STORAGE	127 SF	300	1	0	
010	EXISTING ELEC. ROOM	A-3	MECHANICAL	232 SF	300	1	0	
011	EXISTING CORRIDOR	A-3	-	1557 SF	0		0	
012	EXISTING FREIGHT ELEV.	A-3	-	44 SF	0		0	
013	EXISTING MULTI-PURPOSE SPACE	A-3	CLASSROOM	1062 SF	20	54	54	
014	EXISTING TELEPHONE EQUIP. ROOM	A-3	MECHANICAL	72 SF	300	1	0	
015	EXISTING MULTI-PURPOSE SPACE	A-3	CLASSROOM	1026 SF	20	52	52	
017	EXISTING CORRIDOR / SERVICE	A-3	-	285 SF	0		0	
017A	EXISTING STORAGE	A-3	STORAGE	68 SF	300	1	0	
019	EXISTING HC MENS TOILET	A-3	-	39 SF	0		0	
021	EXISTING HC WOMENS TOILET	A-3	-	39 SF	0		0	
023	EXISTING WOMENS TOILET	A-3	-	158 SF	0		0	
025	EXISTING MENS TOILET	A-3	-	161 SF	0		0	
027	EXISTING JANITOR CLOSET	A-3	STORAGE	51 SF	300	1	0	
029	EXISTING MECHANICAL ROOM	A-3	MECHANICAL	872 SF	300	3	0	
GROUND FLOOR								
100	LOBBY	A-3	BUSINESS	1990 SF	100	20	20	
100A	VESTIBULE	A-3	-	191 SF	0		0	RECONFIGURED
100B	EXISTING VIEWING AREA	A-3	BUSINESS	767 SF	100	8	8	
100C	EXISTING CORRIDOR	A-3	-	648 SF	0		0	
100D	CORRIDOR	A-3	-	527 SF	0		0	NEW CORRIDOR
101	EXISTING COPY/WORK	A-3	OFFICE	150 SF	100	2	2	
102	EXISTING BABYSITTING	A-3	CLASSROOM	583 SF	35	17	17	
102A	EXISTING TOILET ROOM	A-3	-	53 SF	0		0	
102B	EXISTING STORAGE	A-3	STORAGE	74 SF	300	1	0	
102C	EXISTING ELEC	A-3	MECHANICAL	62 SF	300	1	0	
103	EXISTING OFFICE	A-3	OFFICE	121 SF	100	2	1	
106	EXISTING ELEV.	A-3	-	75 SF	0		0	
107	MENS LOCKER ROOM	A-3	EXERCISE	791 SF	50	16	16	PREVIOUSLY WOMEN'S LOCKER ROOM
107A	EXISTING ENTRY	A-3	-	76 SF	0		0	
107B	EXISTING ENTRY	A-3	-	65 SF	0		0	
108	EXISTING DATA	A-3	MECHANICAL	84 SF	300	1	0	

BUILDING PLUMBING FIXTURES						POOL PLUMBING FIXTURES			
2070 TOTAL ANTICIPATED OCCUPANTS: 1,035 MALE & 1,035 FEMALE						693 EXISTING BATHER LOAD (TO REMAIN)			
FIXTURE	REQUIRED		PROVIDED			REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE	UNISEX	MALE	FEMALE	MALE	FEMALE
WATER CLOSETS	5	11	8	13	2	3	6	3	6
URINAL	6	-	5	-	-	3	-	3	-
LAVATORY	4	4	8	8	2	2	2	3	3
SHOWER (BASED ON 693 TOTAL BATHERS)	4	4	8	8	3	6	6	6	3
DRINKING FOUNTAIN OR WATER COOLER	1 SET FOR EACH SET OF MEN/WOMEN TOILETS		2						
SERVICE SINK	1 PER FLOOR		2						

OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	OCCUPANCY GROUP	OCCUPANCY TYPE	ROOM AREA (S.F.)	SF PER PERSON	ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)	Comments
109A	WOMENS LOCKER ROOM	A-3	EXERCISE	781 SF	50	16	15	PREVIOUSLY MEN'S LOCKER ROOM
110	EXISTING WOMEN'S	A-3	-	315 SF	0		0	
111D	EXISTING ENTRY	A-3	-	68 SF	0		0	
112	EXISTING MEN'S	A-3	-	377 SF	0		0	
113	EXISTING JAN. CL.	A-3	STORAGE	64 SF	300	1	0	
115	EXISTING WARM WATER POOL DECK	A-3	POOL DECK	2039 SF	15	136	28	BATHER LOAD TO REMAIN
115	EXISTING WARM WATER POOL	A-3	POOL	1500 SF	50	30	100	BATHER LOAD TO REMAIN
116	EXISTING VESTIBULE	A-3	-	1304 SF	0		0	
117-B	EXISTING POOL EQUIPMENT	A-3	STORAGE	414 SF	300	2	0	
117-C	EXISTING SANITIZER ROOM	A-3	STORAGE	42 SF	300	1	0	
117-D	EXISTING PH BUFFER ROOM	A-3	STORAGE	40 SF	300	1	0	
118	EXISTING WORK ROOM	A-3	OFFICE	333 SF	100	4	4	
119	EXISTING CORRIDOR	A-3	-	574 SF	0		0	
120	EXISTING GYMNASIUM	A-3	EXERCISE	19267 SF	50	386	386	
120	EXISTING GYMNASIUM BLEACHERS	A-3	FIXED SEATS	200 SF	1	200	200	
120A	EXISTING ELEC.	A-3	MECHANICAL	260 SF	300	1	0	
120B	EXISTING TELCOM	A-3	MECHANICAL	115 SF	300	1	0	
120C	EXISTING STORAGE	A-3	STORAGE	227 SF	300	1	0	
122	EXISTING FREIGHT ELEVATOR	A-3	-	84 SF	0		0	
124	EXISTING TRASH / GEN. ENCLOSURE	A-3	-	450 SF	0		0	
126	EXISTING MULTI-PURPOSE	A-3	CLASSROOM	1162 SF	50	24	24	
126B	EXISTING STORAGE	A-3	STORAGE	164 SF	300	1	0	
126C	EXISTING ELEC.	A-3	MECHANICAL	77 SF	300	1	0	
128	EXISTING MULTI-PURPOSE	A-3	CLASSROOM	1179 SF	50	24	24	
128B	EXISTING STORAGE	A-3	STORAGE	287 SF	300	1	0	
130	EXISTING VESTIBULE	A-3	-	103 SF	0		0	
131	EXISTING LAP & DIVING POOL DECK	A-3	POOL DECK	6085 SF	15	406	119	
131	EXISTING LAP POOL	A-3	POOL	3379 SF	50	68	226	
131	EXISTING DIVING POOL	A-3	POOL	1600 SF	50	32	28	
131	EXISTING POOL BLEACHERS	A-3	FIXED SEATS	708 SF	4	178	176	
131A	EXISTING STORAGE	A-3	STORAGE	31 SF	300	1	0	
131B	EXISTING PUMP ROOM	A-3	MECHANICAL	14 SF	300	1	0	
131C	EXISTING POOL STORAGE	A-3	STORAGE	148 SF	300	1	0	
131D	EXISTING STORAGE ROOM	A-3	STORAGE	14 SF	300	1	0	
131F	EXISTING SAUNA	A-3	EXERCISE	112 SF	50	3	3	
132	EXISTING CORRIDOR	A-3	-	780 SF	0		0	
133	EXISTING LEISURE POOL DECK	A-3	POOL DECK	3599 SF	15	240	48	BATHER LOAD TO REMAIN
133	EXISTING LEISURE POOL	A-3	POOL	2477 SF	50	50	144	BATHER LOAD TO REMAIN
133A	EXISTING POOL STORAGE	A-3	STORAGE	92 SF	300	1	0	
135	EXISTING POOL MANAGER	A-3	OFFICE	428 SF	100	5	1	
135A	EXISTING LOCKERS	A-3	LOCKER ROOMS	60 SF	50	2	0	
135B	EXISTING LOCKERS	A-3	LOCKER ROOMS	49 SF	50	1	0	
136	NEW FAMILY CHANGING ROOM	A-3	LOCKER ROOMS	97 SF	50	2	0	
138	NEW FAMILY CHANGING ROOM	A-3	LOCKER ROOMS	96 SF	50	2	0	
140	EXISTING LOBBY	A-3	-	615 SF	0		0	
140A	EXISTING VESTIBULE	A-3	-	203 SF	0		0	
140B	EXISTING ELEV	A-3	-	51 SF	0		0	
140C	JAN. CL.	A-3	STORAGE	40 SF	300	1	0	RECONFIGURED
140D	VESTIBULE	A-3	-	181 SF	0		0	RECONFIGURED
142	EXISTING CORRIDOR	A-3	-	152 SF	0		0	
144	EXISTING RECEPTION WORK AREA	A-3	OFFICE	306 SF	100	4	4	
145	WOMEN'S CHANGING ROOM	A-3	LOCKER ROOMS	97 SF	50	2	0	RECONFIGURED
146	EXISTING AQUA. OFFICE	A-3	OFFICE	170 SF	100	2	1	
147	EXISTING CORRIDOR	A-3	-	269 SF	0		0	
148	EXISTING AQUA. OFFICE	A-3	OFFICE	143 SF	100	2	1	
149	MEN'S CHANGING ROOM	A-3	LOCKER ROOMS	88 SF	50	2	0	RECONFIGURED
150	EXISTING PARTY ROOM	A-3	CLASSROOM	691 SF	50	14	14	
150-A	EXISTING STORAGE	A-3	STORAGE	43 SF	300	1	0	
151	EXISTING CHANGING ROOM	A-3	LOCKER ROOMS	95 SF	50	2	0	
155	MULTI-PURPOSE	A-3	EXERCISE	1980 SF	50	40	40	NEW MULTIPURPOSE SPACE
155A	STORAGE	A-3	STORAGE	239 SF	300	1	0	NEW STORAGE
155B	KITCHENETTE	A-3	OFFICE	93 SF	100	1	1	NEW KITCHENETTE
ST100	EXISTING STAIR	A-3	-	139 SF	0		0	
ST101	EXISTING STAIR	A-3	-	113 SF	0		0	
ST102	EXISTING STAIRS	A-3	-	270 SF	0		0	
ST103	EXISTING STAIRS	A-3	-	244 SF	0		0	
SECOND FLOOR								
201	EXISTING CONTROL	A-3	OFFICE	114 SF	100	2	2	
204	EXISTING ASSESSMENT	A-3	OFFICE	164 SF	100	2	2	
205	EXISTING FITNESS	A-3	EXERCISE	5239 SF	50	105	105	
206	EXISTING ASSESSMENT	A-3	OFFICE	109 SF	100	2	2	
208	EXISTING ELEV.	A-3	-	71 SF	0		0	
210A	EXISTING TRACK	A-3	EXERCISE	6112 SF	50	123	123	
212	EXISTING FITNESS LOBBY	A-3	BUSINESS	1830 SF	100	19	19	
216	EXISTING WOMEN'S	A-3	-	238 SF	0		0	
216A	EXISTING LOCKER ROOM	A-3	LOCKER ROOMS	291 SF	50	6	6	
218	EXISTING MEN'S	A-3	-	274 SF	0		0	
218A	EXISTING LOCKER ROOM	A-3	LOCKER ROOMS	294 SF	50	6	6	
220	EXISTING JANI.LAUNDRY	A-3	MECHANICAL	89 SF	300	1	0	
222	EXISTING ELEC.	A-3	MECHANICAL	26 SF	300	1	0	
255	FITNESS ROOM	A-3	EXERCISE	2382 SF	50	48	48	
255A	STORAGE	A-3	STORAGE	469 SF	300	2	0	
255B	VESTIBULE	A-3	-	54 SF	0		0	
NUMBER OF ROOMS: 120						2430	2070	

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1 CODE COMPLIANCE PLAN - FIRST FLOOR
1/16" = 1'-0"

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BERG ENGINEERING CONSULTANTS, LTD.
801 W. WISE RD.
SCHAUMBURG, IL 60193
847.352.4500 (O)

ISSUANCE		
NO	DATE	DESCRIPTION
1	01/23/2025	ISSUED FOR BID & PERMIT
	03/25/2025	PLAN COMMISSION REV. 1

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004
PLAN COMMISSION

CODE COMPLIANCE PLAN - FIRST FLOOR

SHEET NO.
G1.1

JOB NO. 23-3791.02

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VILLAGE OF ARLINGTON HEIGHTS APPLICABLE CODES:

1.	2018	INTERNATIONAL BUILDING CODE
2.	2014	ILLINOIS PLUMBING CODE (77 ILL. ADM. CODE 890)
3.	2021	INTERNATIONAL ENERGY CONSERVATION CODE
4.	2018	ILLINOIS ACCESSIBILITY CODE (71 ILL. ADM. CODE 400)
5.	2018	INTERNATIONAL FUEL GAS CODE
6.	2018	INTERNATIONAL MECHANICAL CODE
7.	2015	NFPA LIFE SAFETY CODE
8.	2017	NATIONAL ELECTRICAL CODE
9.	CURRENT	ILLINOIS DEPARTMENT OF PUBLIC HEALTH POOL CODE
10.	CURRENT	ILLINOIS ELEVATORE SAFETY AND REGULATION ACT

BUILDING AREAS:

	EXISTING	ADDITION	TOTAL
BASEMENT GROSS ENCLOSED AREA:	16,242 SF	0 SF	16,242 SF
FIRST FLOOR GROSS ENCLOSED AREA:	66,712 SF	3,073 SF	69,785 SF
SECOND FLOOR GROSS ENCLOSED AREA:	30,962 SF	3,073 SF	34,035 SF
TOTAL:	45,721 SF	6,146 SF	120,062 SF

	BUILDING 1	BUILDING 2
BASEMENT GROSS ENCLOSED AREA:	16,242 SF	0 SF
FIRST FLOOR GROSS ENCLOSED AREA:	33,863 SF	35,922 SF
SECOND FLOOR GROSS ENCLOSED AREA:	0 SF	34,035 SF
TOTAL:	50,105 SF	69,957 SF

CODE COMPLIANCE NOTES:

1. BUILDING USES : ASSEMBLY A-3 (Section 303.1), SINGLE OCCUPANCY

   BUILDING TYPE : 2B (TABLE 601)
   FIRE PROTECTION SYSTEMS: AUTOMATIC SPRINKLER SYSTEM
   OCCUPANCY CLASSIFICATIONS : (SECTIONS 302-312, 508)
   1. ACCESSORY OCCUPANCIES (SECTION 508.3.1): N/A
   2. INCIDENTAL USE AREAS (TABLE 508.2): N/A
   3. MIXED OCCUPANCY AND FIRE AREA SEPARATIONS (TABLE 508.4), FOR SPRINKLERED BUILDING: N/A

2. HEIGHT CALCULATIONS (MIXED USE SEPARATED BY USE GROUPS)

USE GROUP	A-3
ALLOWABLE HEIGHT = # STORIES / HEIGHT (FT)	2 STORIES / 55 FT
INCREASE FOR AUTOMATIC SPRINKLERS (504.2)	1 STORY / 20 FT
ADJUSTED ALLOW. HEIGHT = # STORIES / HEIGHT (FT)	3 STORIES / 75 FT
ACTUAL HEIGHT = # STORIES / HEIGHT (FT)	2 STORY / 36 FT

3. ALLOWABLE BUILDING AREA PER BUILDING: 28,500 SF/FLOOR
   INCREASE FOR OPEN SPACE: 75%
   TOTAL ALLOWABLE BUILDING AREA PER BUILDING (2 FLOORS): 99,750 SF
   TOTAL ALLOWABLE BUILDING AREA PER BUILDING FOR 1 FLOOR: 48,875 SF

4. FIRE-RESISTANCE LEGEND:

   1-HR. FIRE SEPARATION ASSEMBLY

   2-HR. FIRE SEPARATION ASSEMBLY

CODE PLAN LEGEND

5. OCCUPANCY LEGEND:

   OCCUPANT LOAD: CALCULATED BY ROOM SQUARE FOOTAGE OR ACTUAL OCCUPANT LOAD ("0" INDICATES THAT THE ACTUAL OCCUPANT WAS USED)

   OFFICE — ROOM NAME
   7120 — ROOM NUMBER
   504 — AREA OF ROOM (S.F.)
   100 — S.F. / OCCUPANT (TABLE 1004.5)
   9 — OCCUPANT LOAD

6. EXITING LEGEND:

   11 — DIRECTION OF TRAVEL
   OCCUPANT LOAD (TABLE 1004.5 OR ACTUAL)
   31" / 68" — EXIT CAPACITY REQUIRED (Section 1005)
   EXIT CAPACITY PROVIDED (OPENING CLEAR WIDTH)

   * NOTE: EXIT CAPACITY: DOORS: 0.15 IN / PERSON

7. MAXIMUM TRAVEL DISTANCE

   TD (TRAVEL DISTANCE TO EXIT) = 250'
   CD (COMMON PATH OF TRAVEL DISTANCE) = 75'

   DISTANCE TO EXIT (TABLE 1017.2) : ASSEMBLY A-3: 250 FEET

   COMMON PATH OF TRAVEL: 75 FEET

   MIN. # OF EXITS FOR OCCUPANT LOAD:

OCCUPANT LOAD (PER STORY)	MIN. NO. OF EXITS (PER STORY)
1 - 500	**2**
500 - 1000	3
MORE THAN 1000	4

   DEAD END: MAX. 20 FEET (SECTION 1020.4)

8. F.E.C.-X EXISTING FIRE EXTINGUISHER

   F.E.C. FIRE EXTINGUISHER CABINET (1 PER 3,000 SF & 75 FT. MAX. TRAVEL) RECESSED - U.N.O.

   F.E. SURFACE-MOUNTED FIRE EXTINGUISHER

9. FLOOR AREA RATIO

   BUILDING GROSS AREA: 120,062 SF
   SITE AREA: 436,474
   F.A.R. : 27.5%

10. PARKING

    PARKING REQUIRED FOR 30% OF BUILDING CAPACITY
    291 PARKING SPOTS PROVIDED (INCLUDING 17 LANDBANKED SPOTS)

FIRE-RESISTIVE REQUIREMENTS:

FOR TYPE 2B CONSTRUCTION

RATINGS FOR BUILDING ELEMENTS (IN HOURS):

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILING ELEMENTS (TABLE 601) :

1. a. STRUCTURAL FRAME: (COLUMNS, GIRDERS, BEAMS, JOISTS, SPANDRELS AND BRACING) 0 HR
   b. EXTERIOR BEARING WALLS: N/A
   c. INTERIOR BEARING WALLS: 0 HR
   d. NON-BEARING WALLS AND PARTITIONS - EXTERIOR: 0 HR
   e. NON-BEARING WALLS AND PARTITIONS - INTERIOR: 0 HR
   f. FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR
   g. ROOF CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR

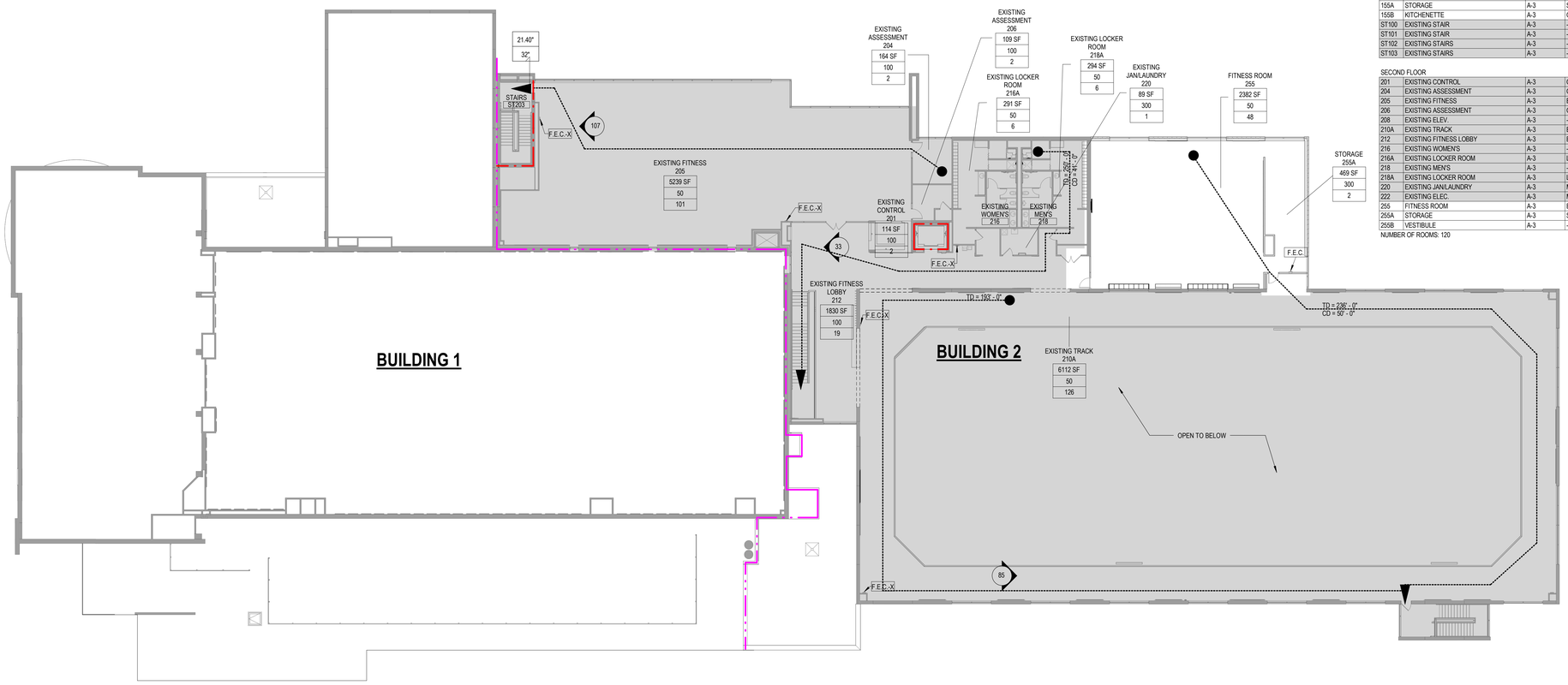
   FIRE WALLS AND PARTY WALLS: 2 HR

   FIRE SEPARATION ASSEMBLIES:
   a. EXIT (STAIR) ENCLOSURES 1 hr.
   b. SHAFT ENCLOSURES/ELEVATOR HOISTWAYS 1 hr. (Section 708)
   c. MIXED USE/FIRE SEPARATION ASSEMBLIES N/A
   d. OTHER SEPARATION ASSEMBLIES N/A
   e. SHAFTS N/A

   FIRE PARTITIONS:
   a. EXIT ACCESS CORRIDORS: 0 HR. (TABLE 1017.2)
   b. COMBUSTIBILITY (SECTIONS 602.2, 602.3, 602.4, 602.5, 603)
      1. EXTERIOR WALLS: NON-COMBUSTIBLE
      2. INTERIOR ELEMENTS: NON-COMBUSTIBLE
      3. ROOF: NON-COMBUSTIBLE

2. OTHER REQUIREMENTS: INCIDENTAL USE AREAS (TABLE 508.2) / (TABLE 715.4):
   a. MECHANICAL/ELECTRICAL/PUMP 1 HR. / 45 MIN. DOORS

EXISTING CONSTRUCTION TO REMAIN



1 CODE COMPLIANCE PLAN - SECOND FLOOR

1/16" = 1'-0"

OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	OCCUPANCY GROUP	OCCUPANCY TYPE	ROOM AREA (S.F.)	SF PER PERSON	ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)	Comments
BASEMENT								
002	EXISTING MECH. EQUIP. ROOM	A-3	MECHANICAL	8627 SF	300	29	0	
003	EXISTING COATS	A-3	STORAGE	105 SF	300	1	0	
004	EXISTING ACID STORAGE	A-3	STORAGE	36 SF	300	1	0	
005	EXISTING ELEVATOR EQUIP. ROOM	A-3	MECHANICAL	37 SF	300	1	0	
006	EXISTING CHLORINE ROOM	A-3	MECHANICAL	55 SF	300	1	0	
007	EXISTING ELEV.	A-3	-	57 SF	0		0	
008	EXISTING FREIGHT ELEV. EQUIP. ROOM	A-3	MECHANICAL	55 SF	300	1	0	
009	EXISTING STORAGE	A-3	STORAGE	127 SF	300	1	0	
010	EXISTING ELEC. ROOM	A-3	MECHANICAL	232 SF	300	1	0	
011	EXISTING CORRIDOR	A-3	-	1557 SF	0		0	
012	EXISTING FREIGHT ELEV.	A-3	-	44 SF	0		0	
013	EXISTING MULTI-PURPOSE SPACE	A-3	CLASSROOM	1062 SF	20	54	54	
014	EXISTING TELEPHONE EQUIP. ROOM	A-3	MECHANICAL	72 SF	300	1	0	
015	EXISTING MULTI-PURPOSE SPACE	A-3	CLASSROOM	1026 SF	20	52	52	
017	EXISTING CORRIDOR / SERVICE	A-3	-	285 SF	0		0	
017A	EXISTING STORAGE	A-3	STORAGE	68 SF	300	1	0	
019	EXISTING HC MENS TOILET	A-3	-	39 SF	0		0	
021	EXISTING HC WOMENS TOILET	A-3	-	39 SF	0		0	
023	EXISTING WOMENS TOILET	A-3	-	158 SF	0		0	
025	EXISTING MENS TOILET	A-3	-	161 SF	0		0	
027	EXISTING JANITOR CLOSET	A-3	STORAGE	51 SF	300	1	0	
029	EXISTING MECHANICAL ROOM	A-3	MECHANICAL	872 SF	300	3	0	
GROUND FLOOR								
100	LOBBY	A-3	BUSINESS	1990 SF	100	20	20	
100A	VESTIBULE	A-3	-	191 SF	0		0	RECONFIGURED
100B	EXISTING VIEWING AREA	A-3	BUSINESS	767 SF	100	8	8	
100C	EXISTING CORRIDOR	A-3	-	648 SF	0		0	
100D	CORRIDOR	A-3	-	527 SF	0		0	NEW CORRIDOR
101	EXISTING COPY/WORK	A-3	OFFICE	150 SF	100	2	2	
102	EXISTING BABYSITTING	A-3	CLASSROOM	583 SF	35	17	17	
102A	EXISTING TOILET ROOM	A-3	-	53 SF	0		0	
102B	EXISTING STORAGE	A-3	STORAGE	74 SF	300	1	0	
102C	EXISTING ELEC	A-3	MECHANICAL	62 SF	300	1	0	
103	EXISTING OFFICE	A-3	OFFICE	121 SF	100	2	1	
106	EXISTING ELEV.	A-3	-	75 SF	0		0	
107	MENS LOCKER ROOM	A-3	EXERCISE	791 SF	50	16	16	PREVIOUSLY WOMEN'S LOCKER ROOM
107A	EXISTING ENTRY	A-3	-	76 SF	0		0	
107B	EXISTING ENTRY	A-3	-	65 SF	0		0	
108	EXISTING DATA	A-3	MECHANICAL	84 SF	300	1	0	

BUILDING PLUMBING FIXTURES						POOL PLUMBING FIXTURES			
2070 TOTAL ANTICIPATED OCCUPANTS: 1,035 MALE & 1,035 FEMALE						693 EXISTING BATHER LOAD (TO REMAIN)			
FIXTURE	REQUIRED		PROVIDED			REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE	UNISEX	MALE	FEMALE	MALE	FEMALE
WATER CLOSETS	5	11	8	13	2	3	6	3	6
URINAL	6	-	5	-	-	3	-	3	-
LAVATORY	4	4	8	8	2	2	2	3	3
SHOWER (BASED ON 693 TOTAL BATHERS)	4	4	8	8	3	6	6	6	3
DRINKING FOUNTAIN OR WATER COOLER	1 SET FOR EACH SET OF MEN/WOMEN TOILETS		2						
SERVICE SINK	1 PER FLOOR		2						

OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	OCCUPANCY GROUP	OCCUPANCY TYPE	ROOM AREA (S.F.)	SF PER PERSON	ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)	Comments
109A	WOMENS LOCKER ROOM	A-3	EXERCISE	781 SF	50	16	15	PREVIOUSLY MEN'S LOCKER ROOM
110	EXISTING WOMEN'S	A-3	-	315 SF	0		0	
111D	EXISTING ENTRY	A-3	-	68 SF	0		0	
112	EXISTING MEN'S	A-3	-	377 SF	0		0	
113	EXISTING JAN. CL.	A-3	STORAGE	64 SF	300	1	0	
115	EXISTING WARM WATER POOL DECK	A-3	POOL DECK	2039 SF	15	136	28	BATHER LOAD TO REMAIN
115	EXISTING WARM WATER POOL	A-3	POOL	1500 SF	50	30	100	BATHER LOAD TO REMAIN
116	EXISTING VESTIBULE	A-3	-	1304 SF	0		0	
117-B	EXISTING POOL EQUIPMENT	A-3	STORAGE	414 SF	300	2	0	
117-C	EXISTING SANITIZER ROOM	A-3	STORAGE	42 SF	300	1	0	
117-D	EXISTING PH BUFFER ROOM	A-3	STORAGE	40 SF	300	1	0	
118	EXISTING WORK ROOM	A-3	OFFICE	333 SF	100	4	4	
119	EXISTING CORRIDOR	A-3	-	574 SF	0		0	
120	EXISTING GYMNASIUM	A-3	EXERCISE	19267 SF	50	386	386	
120	EXISTING GYMNASIUM BLEACHERS	A-3	FIXED SEATS	200 SF	1	200	200	
120A	EXISTING ELEC.	A-3	MECHANICAL	260 SF	300	1	0	
120B	EXISTING TELCOM	A-3	MECHANICAL	115 SF	300	1	0	
120C	EXISTING STORAGE	A-3	STORAGE	227 SF	300	1	0	
122	EXISTING FREIGHT ELEVATOR	A-3	-	84 SF	0		0	
124	EXISTING TRASH / GEN. ENCLOSURE	A-3	-	450 SF	0		0	
126	EXISTING MULTI-PURPOSE	A-3	CLASSROOM	1162 SF	50	24	24	
126B	EXISTING STORAGE	A-3	STORAGE	164 SF	300	1	0	
126C	EXISTING ELEC.	A-3	MECHANICAL	77 SF	300	1	0	
128	EXISTING MULTI-PURPOSE	A-3	CLASSROOM	1179 SF	50	24	24	
128B	EXISTING STORAGE	A-3	STORAGE	287 SF	300	1	0	
130	EXISTING VESTIBULE	A-3	-	103 SF	0		0	
131	EXISTING LAP & DIVING POOL DECK	A-3	POOL DECK	6085 SF	15	406	119	
131	EXISTING LAP POOL	A-3	POOL	3379 SF	50	68	226	
131	EXISTING DIVING POOL	A-3	POOL	1600 SF	50	32	28	
131	EXISTING POOL BLEACHERS	A-3	FIXED SEATS	708 SF	4	178	176	
131A	EXISTING STORAGE	A-3	STORAGE	31 SF	300	1	0	
131B	EXISTING PUMP ROOM	A-3	MECHANICAL	14 SF	300	1	0	
131C	EXISTING POOL STORAGE	A-3	STORAGE	148 SF	300	1	0	
131D	EXISTING STORAGE ROOM	A-3	STORAGE	14 SF	300	1	0	
131F	EXISTING SAUNA	A-3	EXERCISE	112 SF	50	3	3	
132	EXISTING CORRIDOR	A-3	-	780 SF	0		0	
133	EXISTING LEISURE POOL DECK	A-3	POOL DECK	3599 SF	15	240	48	BATHER LOAD TO REMAIN
133	EXISTING LEISURE POOL	A-3	POOL	2477 SF	50	50	144	BATHER LOAD TO REMAIN
133A	EXISTING POOL STORAGE	A-3	STORAGE	92 SF	300	1	0	
135	EXISTING POOL MANAGER	A-3	OFFICE	428 SF	100	5	1	
135A	EXISTING LOCKERS	A-3	LOCKER ROOMS	60 SF	50	2	0	
135B	EXISTING LOCKERS	A-3	LOCKER ROOMS	49 SF	50	1	0	
136	NEW FAMILY CHANGING ROOM	A-3	LOCKER ROOMS	97 SF	50	2	0	
138	NEW FAMILY CHANGING ROOM	A-3	LOCKER ROOMS	96 SF	50	2	0	
140	EXISTING LOBBY	A-3	-	615 SF	0		0	
140A	EXISTING VESTIBULE	A-3	-	203 SF	0		0	
140B	EXISTING ELEV	A-3	-	51 SF	0		0	
140C	JAN. CL.	A-3	STORAGE	40 SF	300	1	0	RECONFIGURED
140D	VESTIBULE	A-3	-	181 SF	0		0	RECONFIGURED
142	EXISTING CORRIDOR	A-3	-	152 SF	0		0	
144	EXISTING RECEPTION WORK AREA	A-3	OFFICE	306 SF	100	4	4	
145	WOMEN'S CHANGING ROOM	A-3	LOCKER ROOMS	97 SF	50	2	0	RECONFIGURED
146	EXISTING AQUA. OFFICE	A-3	OFFICE	170 SF	100	2	1	
147	EXISTING CORRIDOR	A-3	-	269 SF	0		0	
148	EXISTING AQUA. OFFICE	A-3	OFFICE	143 SF	100	2	1	
149	MEN'S CHANGING ROOM	A-3	LOCKER ROOMS	88 SF	50	2	0	RECONFIGURED
150	EXISTING PARTY ROOM	A-3	CLASSROOM	691 SF	50	14	14	
150-A	EXISTING STORAGE	A-3	STORAGE	43 SF	300	1	0	
151	EXISTING CHANGING ROOM	A-3	LOCKER ROOMS	95 SF	50	2	0	
155	MULTI-PURPOSE	A-3	EXERCISE	1980 SF	50	40	40	NEW MULTIPURPOSE SPACE
155A	STORAGE	A-3	STORAGE	239 SF	300	1	0	NEW STORAGE
155B	KITCHENETTE	A-3	OFFICE	93 SF	100	1	1	NEW KITCHENETTE
ST100	EXISTING STAIR	A-3	-	139 SF	0		0	
ST101	EXISTING STAIR	A-3	-	113 SF	0		0	
ST102	EXISTING STAIRS	A-3	-	270 SF	0		0	
ST103	EXISTING STAIRS	A-3	-	244 SF	0		0	
SECOND FLOOR								
201	EXISTING CONTROL	A-3	OFFICE	114 SF	100	2	2	
204	EXISTING ASSESSMENT	A-3	OFFICE	164 SF	100	2	2	
205	EXISTING FITNESS	A-3	EXERCISE	5239 SF	50	105	105	
206	EXISTING ASSESSMENT	A-3	OFFICE	109 SF	100	2	2	
208	EXISTING ELEV.	A-3	-	71 SF	0		0	
210A	EXISTING TRACK	A-3	EXERCISE	6112 SF	50	123	123	
212	EXISTING FITNESS LOBBY	A-3	BUSINESS	1830 SF	100	19	19	
216	EXISTING WOMEN'S	A-3	-	238 SF	0		0	
216A	EXISTING LOCKER ROOM	A-3	LOCKER ROOMS	291 SF	50	6	6	
218	EXISTING MEN'S	A-3	-	274 SF	0		0	
218A	EXISTING LOCKER ROOM	A-3	LOCKER ROOMS	294 SF	50	6	6	
220	EXISTING JAN/LAUNDRY	A-3	MECHANICAL	89 SF	300	1	0	
222	EXISTING ELEC.	A-3	MECHANICAL	26 SF	300	1	0	
255	FITNESS ROOM	A-3	EXERCISE	2382 SF	50	48	48	
255A	STORAGE	A-3	STORAGE	469 SF	300	2	0	
255B	VESTIBULE	A-3	-	54 SF	0		0	
NUMBER OF ROOMS: 120						2430	2070	

GENERAL CODE COMPLIANCE NOTES

1. PROVIDE FIRE WALLS, FIRE AND SMOKE PARTITIONS AT LOCATIONS INDICATED ON THESE G-Series DRAWINGS. PROVIDE CONSTRUCTION IN ACCORDANCE WITH UL-TEST NUMBERS FOR RATINGS INDICATED.

   UNLESS OTHERWISE NOTED PROVIDE THE FOLLOWING UL-TEST DESIGNS:
   2HR RATED CMU: UL-U905; UL-U906;
   3HR RATED CMU: UL-U904.
   1HR RATED GYPSUM BOARD: UL-U419; UL-U448;
   1-1/2HR RATED GYPSUM BOARD: UL-U449
   2HR RATED GYPSUM BOARD: UL-U411; UL-U412; UL-U419;
   3HR RATED GYPSUM BOARD: UL-U419;UL-U435;
   1HR RATED SHAFTWALL: UL-U469;
   2HR RATED SHAFTWALL: UL-U-467

2. FIRE RATED WALLS AND PARTITIONS SHALL BE CONTINUOUS, WITHOUT GAPS IN HORIZONTAL AND VERTICAL DIRECTIONS. SEAL ALL PENETRATIONS ACCORDING TO SPECIFIED OR SELECTED UL TESTS.

3. IN ADDITION TO SIGNS REQUIRED BY THE SPECIFICATIONS FOR EACH PENETRATION, PROVIDE STENCILLED SIGNS AT ALL ACCESSIBLE CONCEALED FLOOR, CEILING OR ATTIC SPACE WHICH INCORPORATES THE WORDS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS". PROVIDE AT LEAST ONE OR MORE SIGNS ON BOTH SIDES OF EACH WALL SEGMENT SPACED AT LEAST 15' APART. LETTERING SHALL BE AT LEAST 2" IN HEIGHT.

fgma FGMARCHITECTS

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ILLINOIS PROFESSIONAL DESIGN FIRM #184-000350

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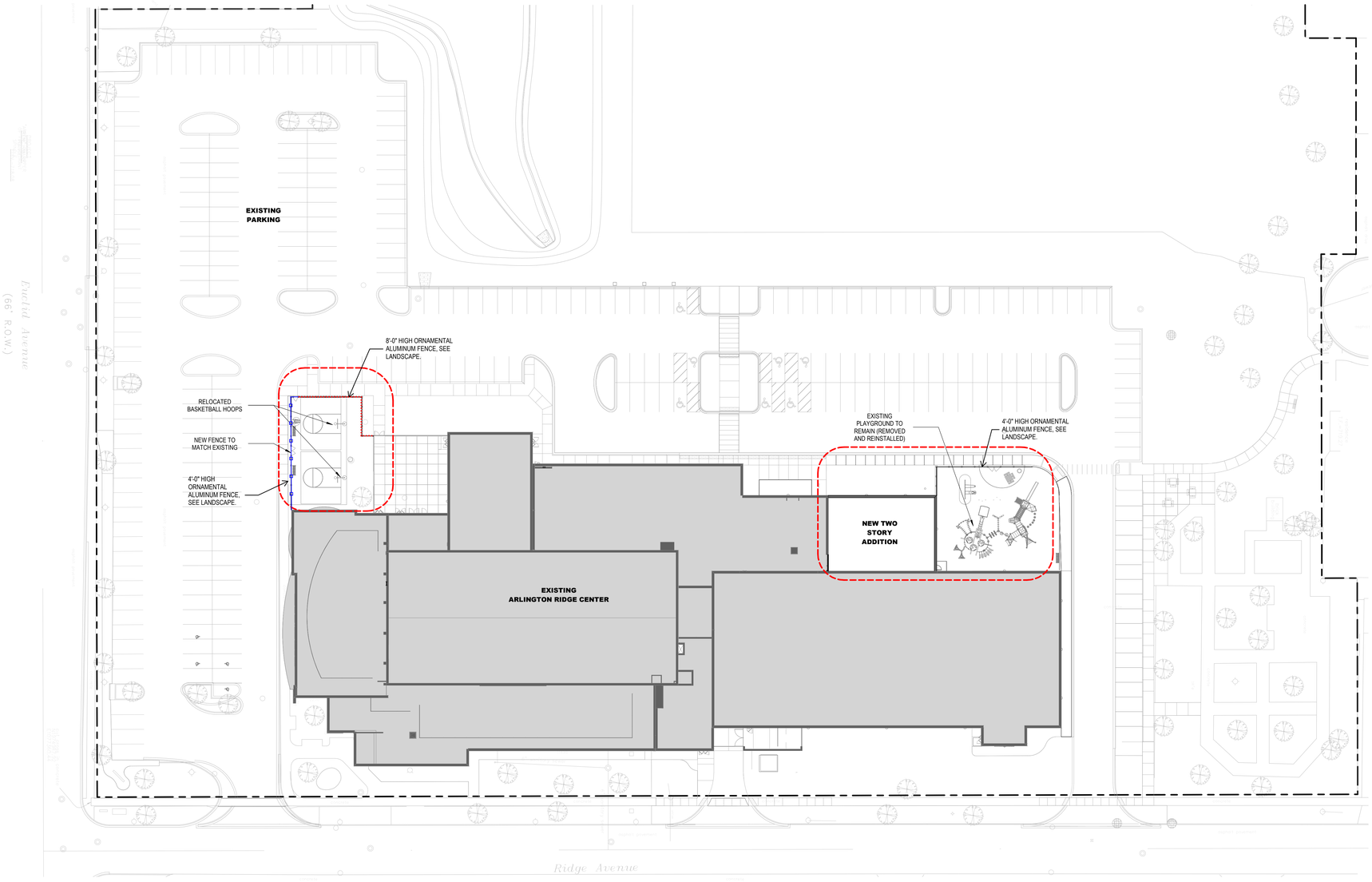

2 OVERALL SITE PLAN- PROPOSED

1" = 30'-0"

N

SITE SCOPE AREAS

fgma
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ISSUANCE

NO	DATE	DESCRIPTION
	12/13/24	PLAN COMMISSION
	03/25/2025	PLAN COMMISSION REV. 1

ARC ADDITION & LOCKER ROOM RENOVATION

ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

PLAN COMMISSION

PROPOSED SITE PLAN

SHEET NO.
A0

JOB NO. 23-3791.02

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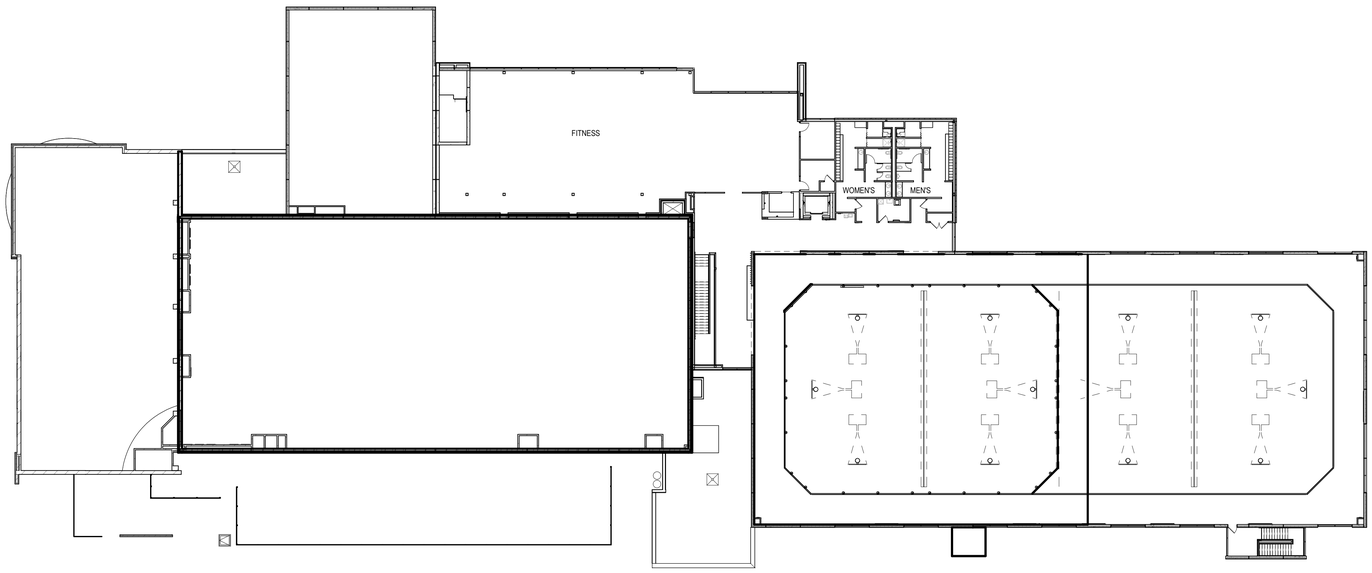
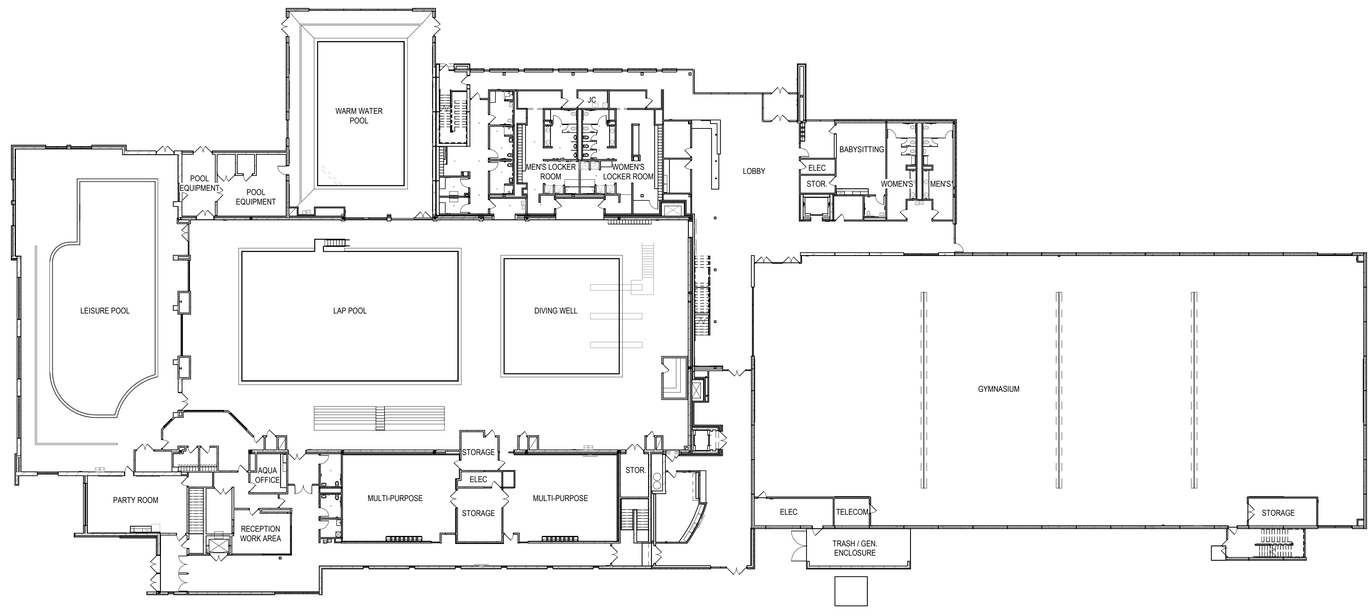


2 | OVERALL SECOND FLOOR PLAN- EXISTING

3/64" = 1'-0"

N



1 | OVERALL FIRST FLOOR PLAN- EXISTING

3/64" = 1'-0"

N

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FGM Architects Inc.
1211 W 22nd St, Suite 700
Oak Brook, Illinois 60523

630.574.8300 OFFICE
630.574.7070 FAX

ILLINOIS PROFESSIONAL DESIGN
FIRM #184-000350

CIVIL
ERIKSSON ENGINEERING ASSOCIATES, LTD.
145 COMMERCE DRIVE
SUITE A
GRAYSLAKE, IL 60030
847.223.4804 (O)

LANDSCAPE
HITCHCOCK DESIGN GROUP
22 E. CHICAGO AVE.
SUITE 200A
NAPERVILLE, IL 60540
630.961.1787 (O)

STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1887 HIGH GROVE LN.
NAPERVILLE, IL 60540
630.717.5399 (O)

M.E.P.
BERG ENGINEERING CONSULTANTS, LTD.
855 W. WISE RD.
SCHAUMBURG, IL 60193
847.352.4500 (O)

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ISSUANCE

NO	DATE	DESCRIPTION
	12/13/24	PLAN COMMISSION
	03/25/2025	PLAN COMMISSION REV. 1

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

PLAN COMMISSION

EXISTING FLOOR PLANS

SHEET NO.
A1

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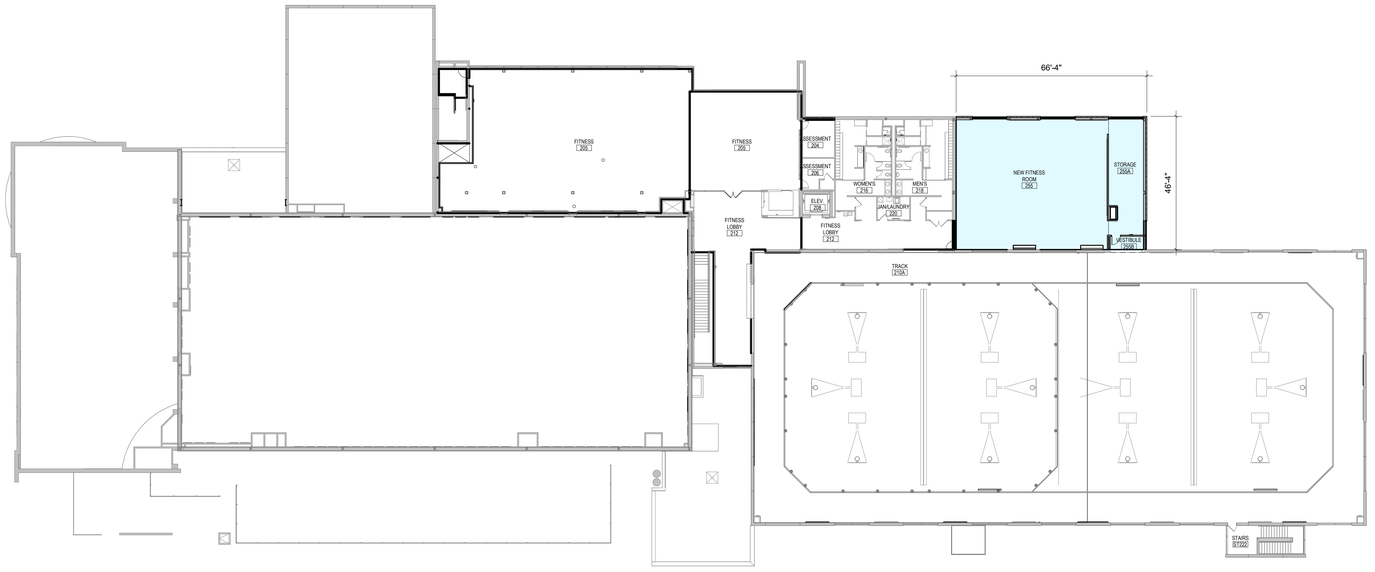
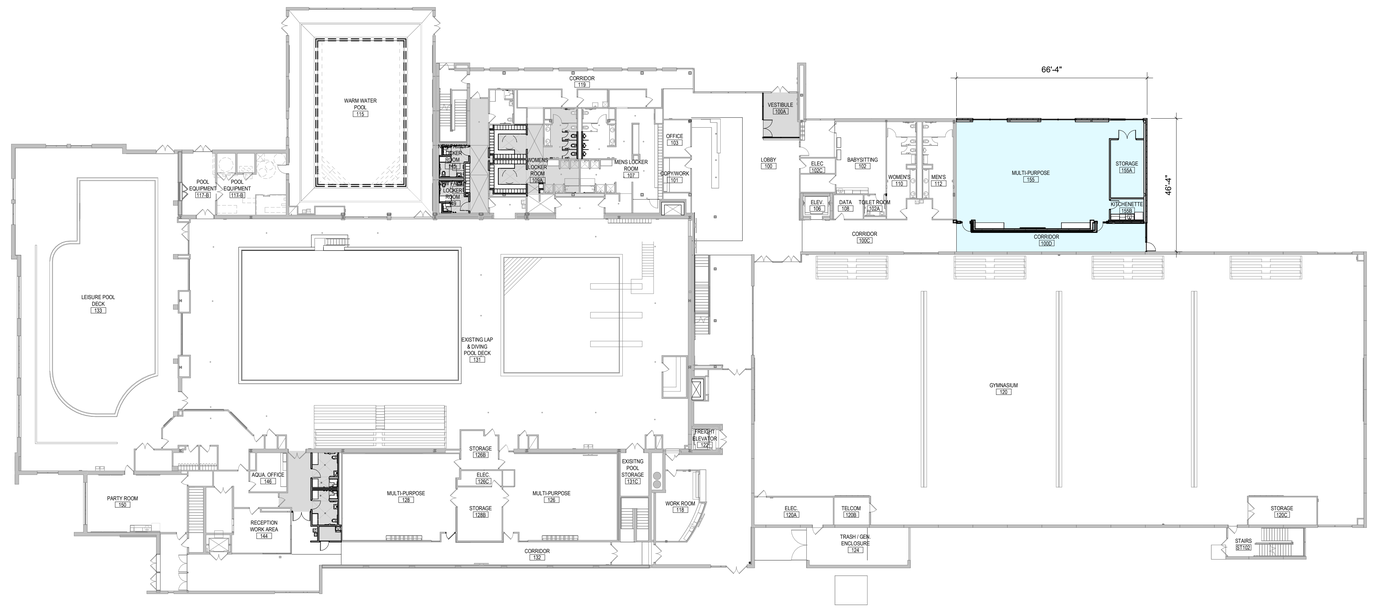


2 OVERALL SECOND FLOOR PLAN- PROPOSED

3/64" = 1'-0"

N



LEGEND

- NEW ADDITION
- NEW CHANGING ROOMS AT POOL
- NEW FAMILY CHANGING
- NEW WOMEN'S LOCKER ROOM
- VESTIBULE

RENOVATION

1 OVERALL FIRST FLOOR PLAN- PROPOSED

3/64" = 1'-0"

N

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	03/25/2025	PLAN COMMISSION REV. 1

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

PLAN COMMISSION

PROPSED FLOOR PLANS

SHEET NO.
A2

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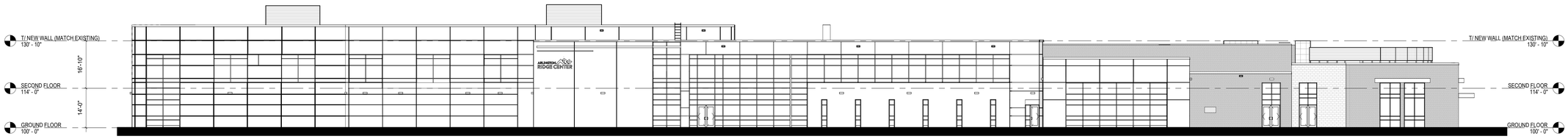
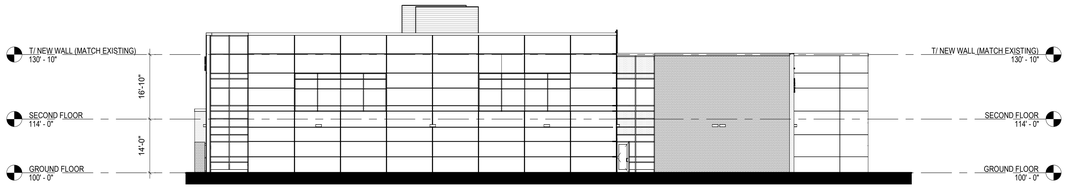


1 EXTERIOR WEST ELEVATION- EXISTING

1/16" = 1'-0"



2 EXTERIOR NORTH ELEVATION- EXISTING

1/16" = 1'-0"



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LANDSCAPE
HITCHCOCK DESIGN GROUP
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ISSUANCE		
NO	DATE	DESCRIPTION
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	03/25/2025	PLAN COMMISSION REV. 1

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

PLAN COMMISSION

EXISTING ELEVATIONS

SHEET NO.
A4

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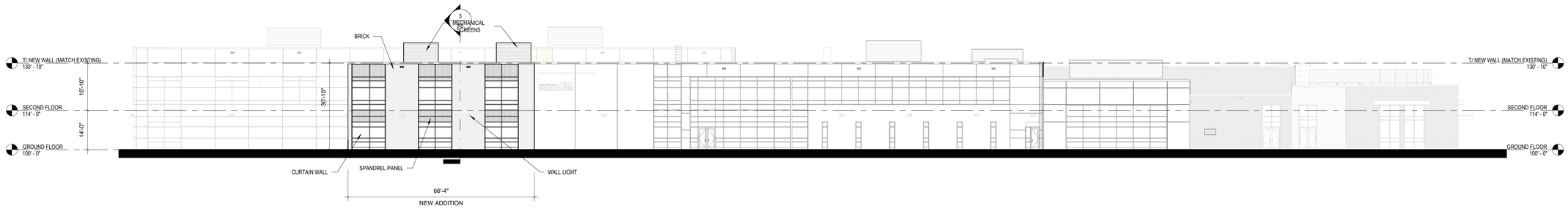
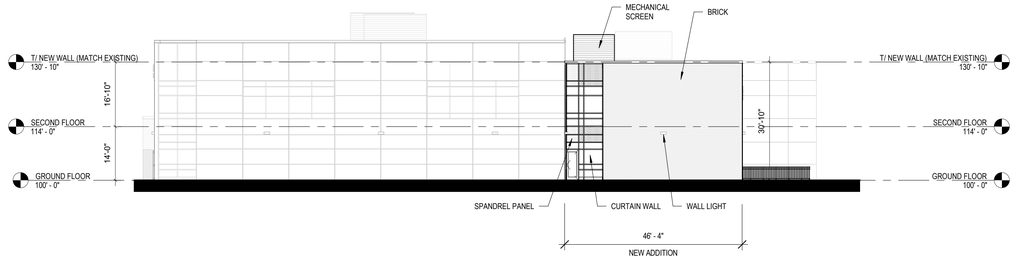
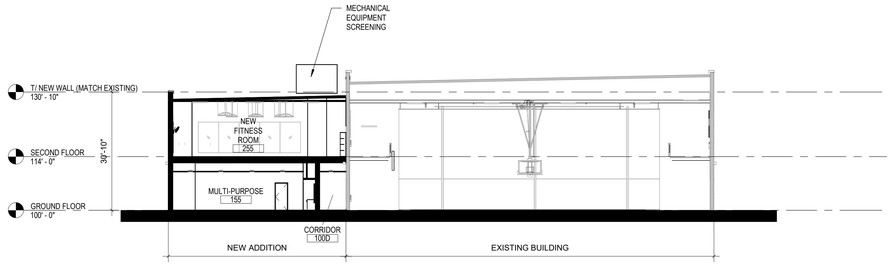


1 EXTERIOR WEST ELEVATION
1/16" = 1'-0"



2 EXTERIOR NORTH ELEVATION
1/16" = 1'-0"



3 BUILDING SECTION
1/16" = 1'-0"

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LANDSCAPE
HITCHCOCK DESIGN GROUP
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630.961.1787 (O)

STRUCTURAL
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1887 HIGH GROVE LN.
NAPERVILLE, IL 60540
630.717.5399 (O)

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ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

PLAN COMMISSION

NEW ADDITION ELEVATIONS & BUILDING SECTION

SHEET NO.
A5

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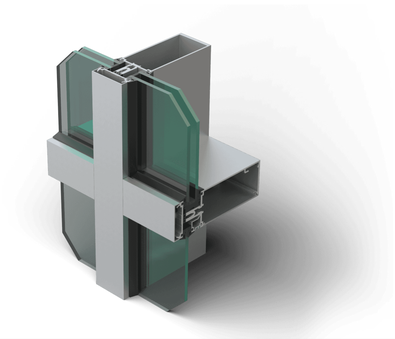
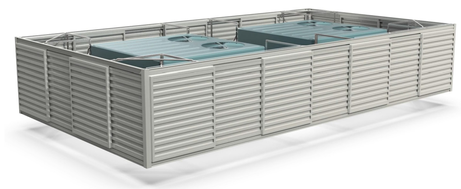
EXISTING & PROPOSED BRICK



EXISTING & PROPOSED CURTAIN WALL



HORIZONTAL 7.2 RIB SOLID



EXISTING & PROPOSED ROOFTOP EQUIPMENT SCREENS

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ISSUANCE		
NO	DATE	DESCRIPTION
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	03/25/2025	PLAN COMMISSION REV. 1

ARC ADDITION & LOCKER ROOM RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Avenue
Arlington Heights, Illinois 60004

PLAN COMMISSION

RENDERING

SHEET NO. A6

JOB NO. 23-3791.02

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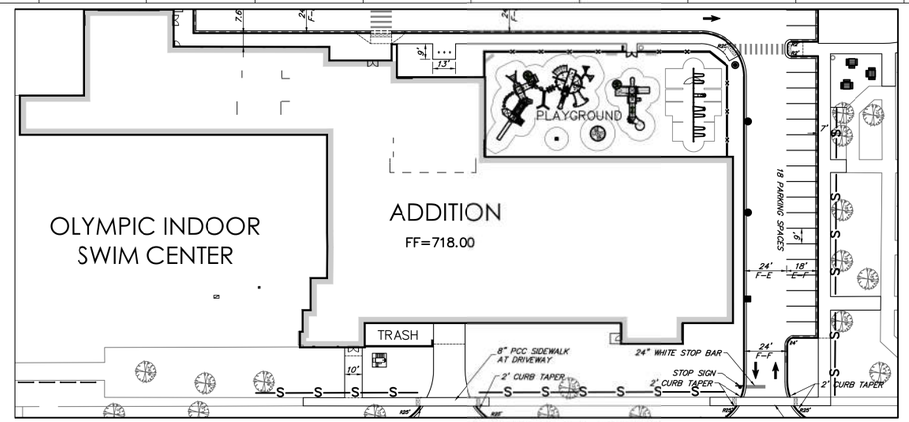
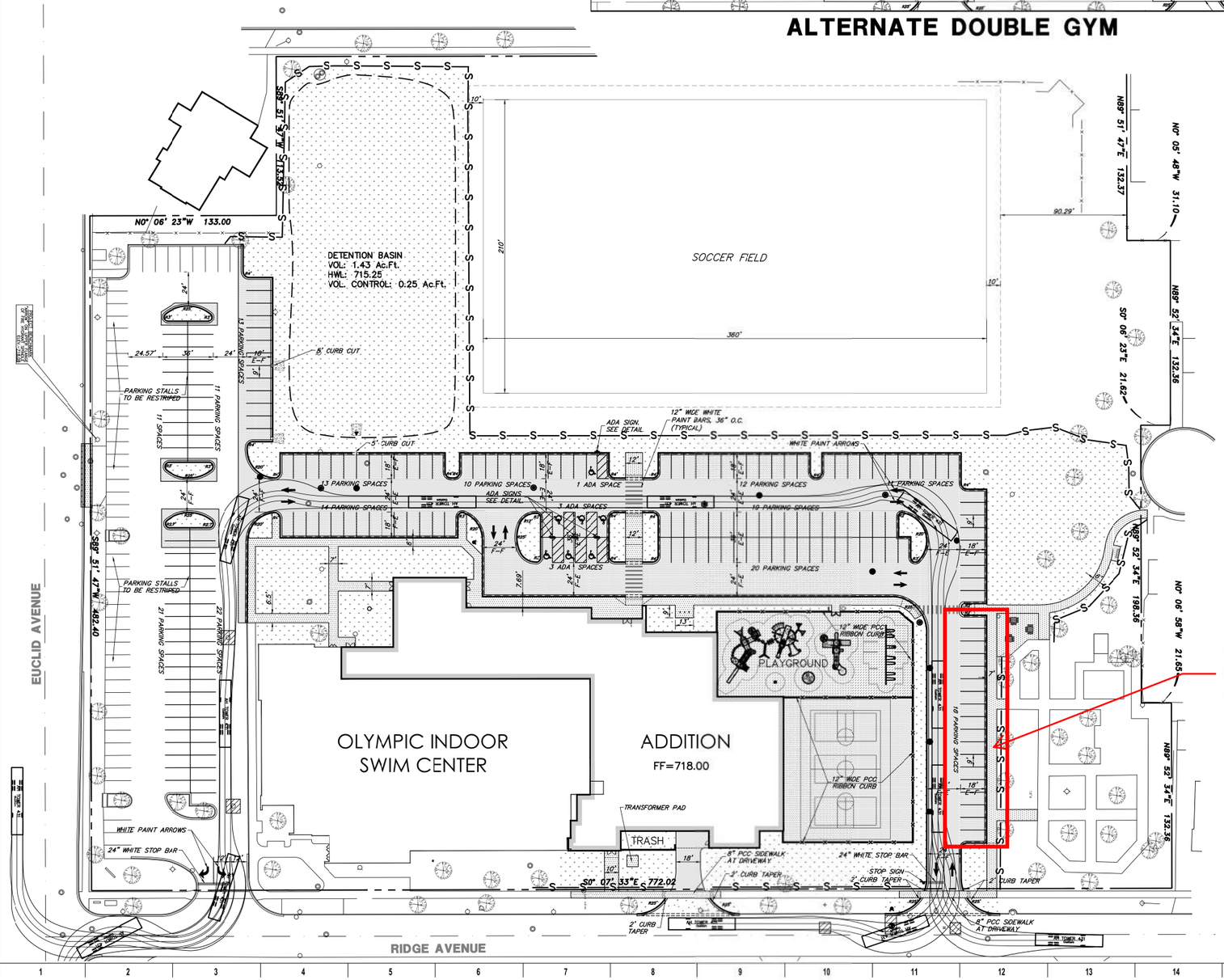
EXHIBIT E

LANDBANKED PARKING PLANS



ALTERNATE DOUBLE GYM



NOTE:
LANDBANKED
PARKING ONLY.

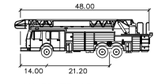
GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 ft.

PROPOSED LEGEND

- HEAVY DUTY PAVEMENT — 1.75" HMA SURFACE, N50; 4.25" HMA BINDER, N50; 6" CA-6 STONE BASE; GEOTEXTILE FABRIC
- NORMAL DUTY PAVEMENT — 1.75" HMA SURFACE, N50; 2.25" HMA BINDER, N50; 10" CA-6 STONE BASE; GEOTEXTILE FABRIC
- PCC PAVEMENT — 8" PCC CONCRETE; 4" CA-6 BASE
- PCC SIDEWALK — 5" PCC CONCRETE; 4" CA-6 BASE
- ARTIFICIAL TURF — SEE DETAIL
- CLASS D PATCH — MATCH EX. PAVEMENT SECTION
- 6" TOPSOIL PLACEMENT & RESTORATION — SEE LANDSCAPE PLANS AND SPECIFICATIONS FOR RESTORATION DETAILS
- STONE RIP RAP, CLASS A1
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)
- B6.12 CURB & GUTTER (REVERSE PITCH)
- BARRIER CURB
- BARRIER CURB (DEPRESSED)
- INTEGRATED SIDEWALK/CONCRETE CURB
- FENCE
- TREE TRUNK PROTECTION FENCE
- PERIMETER EROSION BARRIER
- CONSTRUCTION FENCE
- RETAINING WALLS
- SUMMITS
- SLOPES
- SWALES
- OVERLAND FLOW ROUTE
- PROPOSED TREE

GEOMETRIC AND PAVING PLAN

1. All pavement dimensions are to edge of pavement, unless otherwise noted. E=edge of pavement, B=back of curb, F=face of curb. Radii dimensions are to back of curb.
2. Install all curb and sidewalk as shown. Note some curbs require reverse pitch gutter. Dowel new sidewalk and curb to existing and proposed curbs per general notes. When constructing a carriage walk, tre proposed sicewalk contraction and expansion joints shall align with existing curb joints.
3. Provide 1.90% cross slope and 4.5% maximum longitudinal slope on all sidewalks and pedestrian path ways unless otherwise indicated. Illinois accessitility code requires a maximum constructed cross slope of 2.00% and longitudinal slope of 5.00%.
4. Install bituminous pavement as shown. Refer to detail sheet for specific pavement sections and general note sheet for construction, testing and compaction requirements.
5. Install PCC pavement as shown. Refer to detail sheet for specific pavement section and general notes for construction, testing and compaction requirements.
6. All parking lot stall markings shall be 4" Yellow paint and all other parking lot pavement markings shall be paint, color as noted, in accordance with Section 780 of the IDOT Standard Specifications. (Two single applications, 16 mils each required). Site pavement marking shall be coordinated with Site engineer. Contractor shall notify site engineer 48 hrs prior to installing pavement marking. Re-striping of entire existing parking lot is required.
7. For handicapped stall markings, refer to Handicapped Parking Stall and Sign Dimensioning Detail.
8. Install new signs and handicapped parking signs using 2" galvanized square tube post and telescoping post sleeve per IDOT standard. If posts are within pavement, core pavement accordingly.
9. Install transformer pad as shown. Pad shall be set 6" above finished grade. Refer to MEP plans for final pad size and design requirements.
10. Contractor shall install temporary erosion control seed and blanket as necessary to meet soil erosion and sediment control requirements. Refer to notes and details throughout the plan set for specific material requirements.
11. For final restoration, the contractor shall be responsible for restoring all disturbed turf areas and proposed turf areas as follows:
    a. Refer to Landscape plans and specifications for plant and tree material and installation requirements.
    b. Refer to Landscape plans for topsoil, seed and sod material and restoration requirements.
    c. Prior to placement of topsoil restoration area subgrade material shall be rotatilled and re-compacted to a maximum of 80% standard proctor to a depth of 6".
    d. Spread a minimum of 6" of existing site salvaged screened topsoil or new pulverized topsoil on all disturbed areas. Compact to 80% standard proctor.
13. Once restoration has been completed, the contractor shall remove erosion control devices. Silt fence trenchss shall be backfilled and restored in kind. Storm structures shall be cleaned of debris.
14. Coordinate Playground Equipment installation with underdrain and infill material.



AH TOWER A31 feet

	feet
Width	: 8.50
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 40.0

Exhibit 8

LANDBANKED PARKING EXHIBIT

NO.	DATE	DESCRIPTION
		ISSUANCE

FGM ARCHITECTS
CHICAGO OAK BROOK O'FALLON ST. LOUIS
GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive • Vernon Hills, IL 60061
Tel: 847.478.9700 • Fax: 847.478.9701
GHA JOB # 5313.000

DATE:

WALTER E. GRAFF 062-040837 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

PROFESSIONAL SEAL

EXPIRATION DATE:

DATE	01/08/17
DRAWN	PH, ES
CHECKED	DBY
APPROVED	JCD

PROFESSIONAL DESIGN FIRM: IL # 184-000350

OLYMPIC SWIM ADDITION AND RENOVATION
ARLINGTON HEIGHTS PARK DISTRICT
660 Ridge Ave
Arlington Heights, IL 60004

LANDBANKED PARKING EXHIBIT

SHEET NO.
C3

JOB NO. 17-2408.01

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EXHIBIT F

UNCONDITIONAL AGREEMENT AND CONSENT

TO: The Village of Arlington Heights, Illinois (*"Village"*):

WHEREAS, the Arlington Heights Park District ("*Owner"*) is the owner of record of those certain parcels of real property, consisting of approximately 10.34 acres, commonly and collectively known as 660 N. Ridge Avenue & 750 W. Northwest Highway, Arlington Heights, Illinois, located in the Public Lands District (collectively, the *"Property"*); and

WHEREAS, on _____, 2025, the Village President and Board of Trustees adopted Ordinance No. 2025-_____, approving an amendment to a planned unit development and a special use permit, and variations for development on the Property (*"Ordinance"*); and

WHEREAS, Section 9 of the Ordinance provides, among other things, that the Ordinance will be of no force or effect unless and until the Owner files, within 30 days following the passage of the Ordinance, its unconditional agreement and consent to accept and abide by each and all of the terms, conditions, and limitations set forth in the Ordinance;

NOW, THEREFORE, the Owner hereby agrees and covenants as follows:

1. The Owner hereby unconditionally agrees to, accepts, consents to, and will abide by, each and all of the terms, conditions, limitations, restrictions, and provisions of the Ordinance.

2. The Owner acknowledges that public notices and hearings have been properly given and held with respect to the adoption of the Ordinance, has considered the possibility of the revocation provided for in the Ordinance, and agrees not to challenge any such revocation on the grounds of any procedural infirmity or a denial of any procedural right.

3. The Owner acknowledges and agrees that the Village is not and will not be, in any way, liable for any damages or injuries that may be sustained as a result of the Village's approval of the planned unit development, special use permit, and variation for the Property or its adoption of the Ordinance, and that the Village's approvals do not, and will not, in any way, be deemed to insure the Owner against damage or injury of any kind and at any time.

4. The Owner agrees to hold harmless and indemnify the Village, the Village's corporate authorities, and all Village elected and appointed officials, officers, employees, agents, representatives, and attorneys, from any and all claims that may, at any time, be asserted against any of such parties in connection with the Village's adoption of the Ordinance approving the planned unit development, the special use permit, and the variation for the Property.

Dated: _____, 2025

ATTEST: Arlington Heights Park District

By: _____ By: _____

Its: _____ Its: _____

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Adoption of an ordinance amending Chapter 13 of the Village Code to increase the number of Class A liquor licenses to 39, and recommendation that the Liquor Commissioner issue one Class A license to Skyview Arlington LLC dba Jokbal Night Market located at 63 W. Golf Road

Department: Integrated Services

Item Description:
Class A Liquor Licenses will increase via ordinance from 38 total Class A licenses to 39 total Class A licenses upon favorable recommendation from the June 2, 2025, Committee of the Whole meeting. The new Class A Liquor License will be issued to Skyview Arlington LLC dba Jokbal Night Market located at 63 W. Golf Road.

ATTACHMENTS:
1. Liquor License Class A Increase Ordinance

AN ORDINANCE AMENDING CHAPTER 13 OF THE ARLINGTON HEIGHTS MUNICIPAL CODE

BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION ONE: That Section 13-502 of the Arlington Heights Municipal Code, pertaining to the number of liquor licenses, is hereby amended to increase the number of Class "A" liquor licenses authorized, with the amended entry for Class "A" licenses to read as follows:

CLASS OF LICENSE	ANNUAL LICENSE FEE	NUMBER OF LICENSES AUTHORIZED
A	$3,800.00	39

SECTION TWO: This Ordinance shall be in full force and effect from and after its passage and approval in the manner provided by law.

AYES:

NAYS:

PASSED AND APPROVED this 2nd day of June, 2025.

_____
Village President

ATTEST:

_____
Village Clerk

Liquor License Ordinances.A-Increase.doc

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Ordinance Approving a Budget Amendment for Funding Required for the Algonquin Road Sewer Capacity Improvement Project

Department: Public Works & Engineering

Item Description:

Ordinance Approving a Budget Amendment for Funding Required for the Algonquin Road Sewer Capacity Improvement Project

The approved 2025 Capital Budget includes $3,844,942, for the Algonquin Road Sewer Capacity Improvement project.

The need for the proposed improvements were first identified as part of a sanitary sewer study performed to analyze the south Tax Increment Financing (TIF) District. The Public Works and Engineering and the Planning and Community Development Departments identified the Algonquin Road sewer improvement in conjunction with recent area developments. While the sewer was sufficient for the users previously, new proposed developments required reevaluation of the service area.

This project proposes replacement of over 2,800 linear feet of sanitary directly down Algonquin Road, from Cedar Glen Drive to Dempster Street, and then terminating at Busse Road (in Mount Prospect) into the main MWRD transmission line.

The attached Budget Amendment is necessary to account for the funding required for both the Construction and Construction Observation contracts, totaling $4,465,885.

South Arlington Heights Road TIF Account Number: 267-4001-550250

Water & Sewer Fund Account Number: 505-4001-550250

RECOMMENDATION

It is recommended that the Village Board approve the attached Budget Amendment that authorizes the use of the funding identified, for this project.

ATTACHMENTS:

1. 20250602_Algonquin_Sanitary_Budget_Amendment_Ordinance_Attach

AN ORDINANCE AMENDING THE ANNUAL BUDGET OF THE VILLAGE OF ARLINGTON HEIGHTS, COUNTY OF COOK, STATE OF ILLINOIS, FOR THE FISCAL YEAR BEGINNING JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025

WHEREAS, by Ordinance 2024-67, the President and Board of Trustees of the Village of Arlington Heights, Illinois adopted the Annual Budget of the Village of Arlington Heights for the fiscal year beginning January 1, 2025, and ending December 31, 2025; and

WHEREAS, the President and Board of Trustees has determined that it will serve and be in the best interest of the Village to adopt an Ordinance amending the Annual Budget;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Ordinance as the findings of the President and Board of Trustees.

SECTION TWO: ADOPTION OF AMENDMENTS. The Annual Budget shall be, and it is hereby, amended as follows:

Account Being Amended		Original Budget	Amendment Incr. / (Decr.)	Revised Budget
267-4001-550250-	SW2401-SEWER-CONSTRUCT-SAHT S AH Rd Sewer Construction – TIF Portion	$ 1,990,363	$310,500	$2,300,863
505-4001-550250-	SW2401-SEWER-CONSTRUCT-WTR S Ah Rd Sewer Construction – Water Port.	$1,858,340	$310,500	$2,168,840

SECTION THREE: PUBLICATION. The Village Clerk is hereby directed to publish this Ordinance in pamphlet form pursuant to the Statutes of the State of Illinois.

SECTION FOUR: EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner as provided by law.

AYES:

NAYS:

PASSED AND APPROVED THIS 2nd of June 2025.

_____
Village President

ATTEST:

_____
Village Clerk

VILLAGE OF ARLINGTON HEIGHTS
INC. 1887

Village Board of Trustees
6/2/2025

Item: Ordinance Approving PUD Amendment and Special Use Permit for Phase II & III of Recreation Park at 500 E. Miner St.

Department: Planning & Community Development

Item Description:
At the May 5, 2025 Village Board meeting, a request for a PUD Amendment & Special Use Permit for the subject property was discussed and approved. The Ordinance setting forth the provisions and conditions of approval is attached.

Recommendation
Adoption of an Ordinance granting a PUD Amendment & Special Use Permit for Phase II & III of Recreation Park at 500 E. Miner St.

ATTACHMENTS:
1. AH Ordinance Approving PUD Amendment, SUP, and Variations for Recreation Park

VILLAGE OF ARLINGTON HEIGHTS

ORDINANCE NO. 2025-_____

AN ORDINANCE AMENDING A PLANNED UNIT DEVELOPMENT AND APPROVING A SPECIAL USE PERMIT AND VARIATIONS FOR RECREATION PARK
(500 E. Miner Street)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF ARLINGTON HEIGHTS
THIS __ DAY OF _____, 2025.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Arlington Heights,
Cook County, Illinois this
_____ day of _____, 2025

_____
Village Clerk

ORDINANCE NO. 2025-_____

AN ORDINANCE AMENDING A PLANNED UNIT DEVELOPMENT AND APPROVING A SPECIAL USE PERMIT AND VARIATIONS FOR RECREATION PARK
(500 E. Miner Street)

WHEREAS, the Arlington Heights Park District ("*Owner"*) is the owner of record of that certain parcel of real property, consisting of 919,116 square feet, commonly and collectively known as 500 E. Miner Street, Arlington Heights, Illinois, located in the Public Lands District (*"P-L District"*), and legally described in Exhibit A attached to and, by this reference, made a part of this Ordinance (*"Property"*); and

WHEREAS, on August 19, 2024, the Village President and Board of Trustees adopted Ordinance No. 24-052, approving Phase I of the redevelopment of the Property as a planned unit development (*"Recreation Park PUD"*), and a special use permit for an update to the tennis courts and playground, construction of a new skate park, and construction of an eight-foot-wide multi-use path on the Property; and

WHEREAS, the Owner now desires to implement Phases II and III of the redevelopment of the Property to: (i) improve the ball field and existing pool and pool deck; (ii) construct new dugouts, a basketball court, and on-site restroom buildings; (iii) demolish and reconstruct the existing bathhouse, locker room, and concession building; (iv) construct an addition to the community building for accessibility improvements, interior renovations, and a new parking lot along the circular drive (collectively, *"Facilities"*); and (v) develop a new water service, reconfigured parking lot, and access from N. Douglas Avenue (*"Proposed Development"*); and

WHEREAS, pursuant to Section 9.2.e of "The 2002 Comprehensive Amendment of the Zoning Ordinance of the Village of Arlington Heights," as amended (*"Zoning Code"*), in order to construct Phases II and III of the Proposed Development on the Property, the Village must approve an amendment to the Recreation Park PUD; and

WHEREAS, pursuant to Section 5.5 of the Zoning Code, facilities owned and operated by the Arlington Heights Park District may only be operated on the Property upon issuance by the Village Board of Trustees of a special use permit therefor; and

WHEREAS, the Owner desires to operate the Facilities on the Property, in violation of Section 5.5 of the Zoning Code; and

WHEREAS, pursuant to Section 6.12-1.3 of the Zoning Code, a traffic study and parking analysis prepared by a qualified engineer or prepared in a manner acceptable to the Village is required for any special use that is not adjacent to a major or secondary arterial street, as defined by the Village's Thoroughfare Plan; and

WHEREAS, pursuant to Section 6.13-3(b) of the Zoning Code, fences in side and rear yards must not exceed a height of six feet; and

WHEREAS, the Owner desires to install an eight-foot-tall fence and 10-foot-tall fence for the ball field and the perimeter of the swimming pool on the Property, and a 40-foot-tall fence ball field backstop, all in the side and rear yards of the Property, all in violation of Section 6.13-3(b) of the Zoning Code; and

WHEREAS, pursuant to Section 10.2-12.3(c) of the Zoning Code, the maximum height for an existing light pole is 40 feet; and

WHEREAS, the Owner desires to install a 70-foot-tall light pole on the Property, in violation of Section 10.2.12.3(c) of the Zoning Code; and

WHEREAS, pursuant to Section 6.5-2 of the Zoning Code, an accessory structure may only be located in the rear yard of a property; and

WHEREAS, the Owner desires to install the Proposed Development in part within the front and side yards of the Property, in violation of Section 6.5-2 of the Zoning Code; and

WHEREAS, pursuant to Section 6.5-2 of the Zoning Code, and as allowed pursuant to Ordinance No. 24-052, a maximum of 12 accessory structures are allowed on the Property; and

WHEREAS, the Owner proposes to construct a total of 14 accessory structures on the Property, in violation of Section 6.5-2 of the Zoning Code; and

WHEREAS, pursuant to Section 10.4-4 of the Zoning Code, upon establishment of the Proposed Development, 533 parking spaces will be required for the Property; and

WHEREAS, the Owner proposes that the Property include 77 off-street parking spaces, in violation of Section 10.4-4 of the Zoning Code; and

WHEREAS, pursuant to Sections 8, 9, and 12 of the Zoning Code, the Owner has filed an application for approval of: (i) an amendment to the Recreation Park PUD to allow the Proposed Development on the Property; (ii) approval of a special use permit to permit facilities owned and operated by the Arlington Heights Park District on the Property; (iii) a variation from Section 6.12-1.3 of the Zoning Code to waive the requirement for a traffic study, (iv) a variation from Section 6.13-3(b) of the Zoning Code to increase the maximum fence height to eight feet, 10 feet, and 40 feet (v) a variation from Section 10.2-12.3(c) of the Zoning Code to increase the maximum light pole height to 70 feet; (vi) a variation from Section 6.5-2 of the Zoning Code to allow accessory structures in the front and side yard of the Property; (vii) a variation from Section 6.5-2 of the Zoning Code to permit 14 accessory structures on the Property; and (viii) a variation from Section 10.4-4 of the Zoning Code to reduce the parking requirement to 577 parking spaces (collectively, the *"Requested Relief"*); and

WHEREAS, a public hearing of the Plan Commission of the Village to consider approval of the Requested Relief was duly advertised in the *Daily Herald* on April 8, 2025, and held on April 23, 2025; and

WHEREAS, on April 23, 2025, the Plan Commission made findings and recommendations in support of the Requested Relief, with conditions; and

WHEREAS, the President and Board of Trustees have determined that the Requested Relief meets the required standards for PUDs, special use permits, and variations as set forth in Sections 8, 9, and 12 of the Zoning Code; and

WHEREAS, the President and Board of Trustees have determined that it will serve and be in the best interest of the Village to grant the Requested Relief, subject to the conditions, restrictions, and provisions of this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ARLINGTON HEIGHTS:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. APPROVAL OF AMENDMENT TO RECREATION PARK PUD. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, and in accordance with, and pursuant to, Section 9 of the Zoning Code and the home rule powers of the Village, the Village hereby approves an amendment to the Recreation Park PUD to the Owner for the development, use, and maintenance of the Proposed Development on the Property.

SECTION 3. APPROVAL OF SPECIAL USE PERMIT. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, and in accordance with, and pursuant to, Section 8 of the Zoning Code and the home rule powers of the Village, the Village hereby approves a special use permit for the Owner to operate the Facilities on the Property.

SECTION 4. APPROVAL OF VARIATIONS. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, and in accordance with, and pursuant to, Sections 9 and 12 of the Zoning Code and the home rule powers of the Village, the Village hereby approves the following variations for the Owner in connection with the Proposed Development on the Property:

A. A variation from Section 6.12-1.3 of the Zoning Code to waive the requirement for a traffic study in connection with the Proposed Development on the Property.

B. A variation from Section 6.13-3(b) of the Zoning Code to increase the maximum height of three proposed fences on the Property, from six feet to eight-feet, 10-feet, and 40-feet.

C. A variation from Section 10.2-12.3(c) of the Zoning Code to increase the maximum height of a light pole on the Property from 40 feet to 70 feet.

D. A variation from Section 6.5-2 of the Zoning Code to permit accessory structures in the front and side yard of the Property where accessory structures may only be located in the rear yard.

E. A variation from Section 6.5-2 of the Zoning Code to increase the maximum amount of accessory structures on the Property, from 12 accessory structures to 14 accessory structures.

F. A variation from Section 10.4-4 of the Zoning Code to reduce the required number of parking spaces on the Property, from 533 spaces to 77 spaces.

SECTION 5. CONDITIONS. Notwithstanding any use or development right that may be applicable or available pursuant to the provisions of the Zoning Code, the approvals granted pursuant to Sections 2, 3, and 4 of this Ordinance are hereby expressly subject to, and contingent upon, the development, use, and maintenance of the Property in substantial compliance with each and all of the following conditions. The Owner is responsible for complying with their obligations in this Ordinance. For all conditions set forth in this Section 5 for which the Village may conduct a review, make a modification, make an approval, or make a determination, the Village Manager, or their designee, is authorized to take that action in their sole discretion. The Owner will bear all costs for compliance with its obligations in this Section 5 and elsewhere in this Ordinance, unless otherwise noted.

A. Compliance with Regulations. Except to the extent specifically provided otherwise in this Ordinance, the development, use, operation, and maintenance of the Proposed Development and the Property must comply at all times with all applicable federal, State, and Village statutes, codes, ordinances, and regulations, as the same have been or may be amended from time to time.

B. Compliance with Plans. Except for minor changes and site work approved by the Village Director of Building & Life Safety (for matters within their permitting authority) in accordance with all applicable Village standards the development, use, operation, and maintenance of the Proposed Development and of the Property must be substantially compliant with the following plans (collectively, the *"Plans"*):

1. The PUD Master Plan, prepared by Hitchcock Design, Inc., consisting of one sheet, with a last revision date of March 27, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit B;

2. The Site Plan, prepared by Hitchcock Design, Inc., consisting of one sheet, with a last revision date of March 27, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit C;

3. The Architectural Plans, prepared by FGM Architects, Inc., consisting of 19 sheets, with a last revision date of March 27, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit D;

4. The Landscape Plans Phase II, prepared by Hitchcock Design, Inc., consisting of 24 sheets, with a last revision date of April 16, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit E;

5. The Landscape Plans III, prepared by FGM Architects, Inc., consisting of eight sheets, with a last revision date of April 16, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit F;

6. The Preliminary Civil Plans, prepared by FGM Architects, Inc., consisting of 22 sheets, with a last revision date of April 16, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit G;

7. The Utility Plans, prepared by FGM Architects, Inc., consisting of one sheet, with a last revision date of March 27, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit H;

8. The Photometric Plans, prepared by FGM Architects, Inc., consisting of six sheets, with a last revision date of January 17, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit I;

9. The Baseball Field Photometric Plans, prepared by Musco Sports Lighting, LLC, consisting of nine sheets, with a last revision date of March 27, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit J;

10. The Electrical Plans, prepared by Hitchcock Design, Inc., consisting of three sheets, with a last revision date of March 21, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit K; and

11. The Fire Protection Exhibit, prepared by FGM Architects, Inc., consisting of one sheet, with a last revision date of April 16, 2025, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit L.

C. MWRD Permit. The Owner must provide the Village with revised construction plans at the time of building permit application to address Public Works and Engineering Department corrections regarding the Owner's Metropolitan Water Reclamation District of Greater Chicago (*"MWRD"*) permit, pavement cross-section, and one-way circular drive striping and signage.

D. Construction Plans. The Owner must provide the Village with revised construction plans at the time of building permit application to add a parking lot island with landscaping adjacent to the pedestrian walkway in the east parking lot on the Property.

E. Perimeter Fence. The perimeter fence surrounding the pool and pool deck on the Property must be an eight-foot-tall open aluminum fence to match the #5 Perimeter Fence Detail as shown on page A0.4 of Exhibit D. The resolution of this condition is extended to the date of permitting for the Owner to consider alternative fencing. If the Owner deems this condition not feasible, and the Director of Planning and Community Development concurs with the Owner's conclusion, then the Owner may proceed with the chain link fencing as originally depicted in Exhibit D.

F. ADA Parking. The Owner must stripe the vehicle drive access to the south of the ADA-accessible spaces in the eastern parking lot on the Property to indicate that parking is prohibited. This plan is to be included in a revised construction plan delivered to the Village at the time of building permit application.

G. Design Commission. The Owner must comply with all Design Commission recommendations of approval for the motion made at the Design Commission's February 22, 2025 meeting.

H. Easements. The Owner must dedicate all necessary utility easements to the Village prior to building permit issuance.

SECTION 6. RECORDATION; BINDING EFFECT. A copy of this Ordinance will be recorded on title to the Property with the Cook County Clerk's Recording Division. This Ordinance and the privileges, obligations, and provisions contained herein inure solely to the benefit of, and are binding upon the Owner and each of its heirs, representatives, successors, and assigns.

SECTION 7. FAILURE TO COMPLY WITH CONDITIONS. Upon the failure or refusal of the Owner to comply with any or all of the conditions, restrictions, or provisions of this Ordinance, as applicable, the approvals granted in Sections 2, 3, and 4 of this Ordinance may, at the sole discretion of the Village President and Board of Trustees, by ordinance duly adopted, be revoked and become null and void; provided, however, that the Village President and Board of Trustees may not so revoke the approvals granted in Sections 2 3, and 4 of this Ordinance unless they first provide the Owner with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Village President and Board of Trustees. In the event of revocation, the development and use of the

Property will be governed solely by the regulations of the P-L District, and the applicable provisions of the Village Code, as the same may, from time to time, be amended. Further, in the event of such revocation, the Village Manager and Village Attorney are hereby authorized and directed to bring such enforcement action as may be appropriate under the circumstances.

SECTION 8. AMENDMENTS. Any amendments to the approvals granted in Sections 2, 3, and 4 of this Ordinance that may be requested by the Owner after the effective date of this Ordinance may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Code.

SECTION 9. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and will be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 10. EFFECTIVE DATE.

A. This Ordinance will be effective only upon the occurrence of all of the following events:

1. Passage by the Village President and Board of Trustees in the manner required by law; and

2. The filing by the Owner with the Village Clerk of an Unconditional Agreement and Consent, in the form of Exhibit M attached to and, by this reference, made a part of this Ordinance, to accept and abide by each and all of the terms, conditions, and limitations set forth in this Ordinance and to indemnify the Village for any claims that may arise in connection with the approval of this Ordinance.

B. In the event the Owner does not file a fully executed copy of the Unconditional Agreement and Consent, as required by Section 10.A.2 of this Ordinance, within 30 days after the date of final passage of this Ordinance, the Village President and Board of Trustees will have the right, in their sole discretion, to declare this Ordinance null and void and of no force or effect.

AYES:

NAYS:

PASSED AND APPROVED THIS ___ day of _____, 2025

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

THAT PART OF THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 29, TOWNSHIP 42 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN LYING SOUTH OF THE SOUTH LINE OF MINER STREET, WEST OF THE WEST LINE OF DOUGLAS AVENUE, EAST OF THE EAST LINE OF BELMONT AVENUE AND NORTH OF THE SOUTH 824.1 FEET OF SAID SOUTHWEST QUARTER.

ALSO: ALL OF BLOCKS 1 AND 2 IN WALDEMAR KRAUSE'S SECOND ADDITION TO ARLINGTON HEIGHTS RECORDED DECEMBER 28, 1926 AS DOCUMENT 9507149, EXCEPTING THEREFROM THAT PART TAKEN FOR ROAD PURPOSES BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, ALL OF BLOCK 2 AND BLOCK 3, EXCEPT LOT 10 IN KRAUSE'S SUBDIVISION, RECORDED NOVEMBER 26, 1915 AS DOCUMENT 5759453, EXCEPTING THEREFROM THAT PART TAKEN FOR ROAD PURPOSES BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND ALSO ALL THAT PART OF VACATED CAMPBELL STREET, HADDOW AVENUE AND THE 16.0' WIDE ALLEY LYING WITHIN SAID BLOCKS 1 AND 2 IN WALDEMAR KRAUSE'S SECOND ADDITION TO ARLINGTON HEIGHTS AND BLOCKS 2 AND 3 IN SAID KRAUSE'S SUBDIVISION.

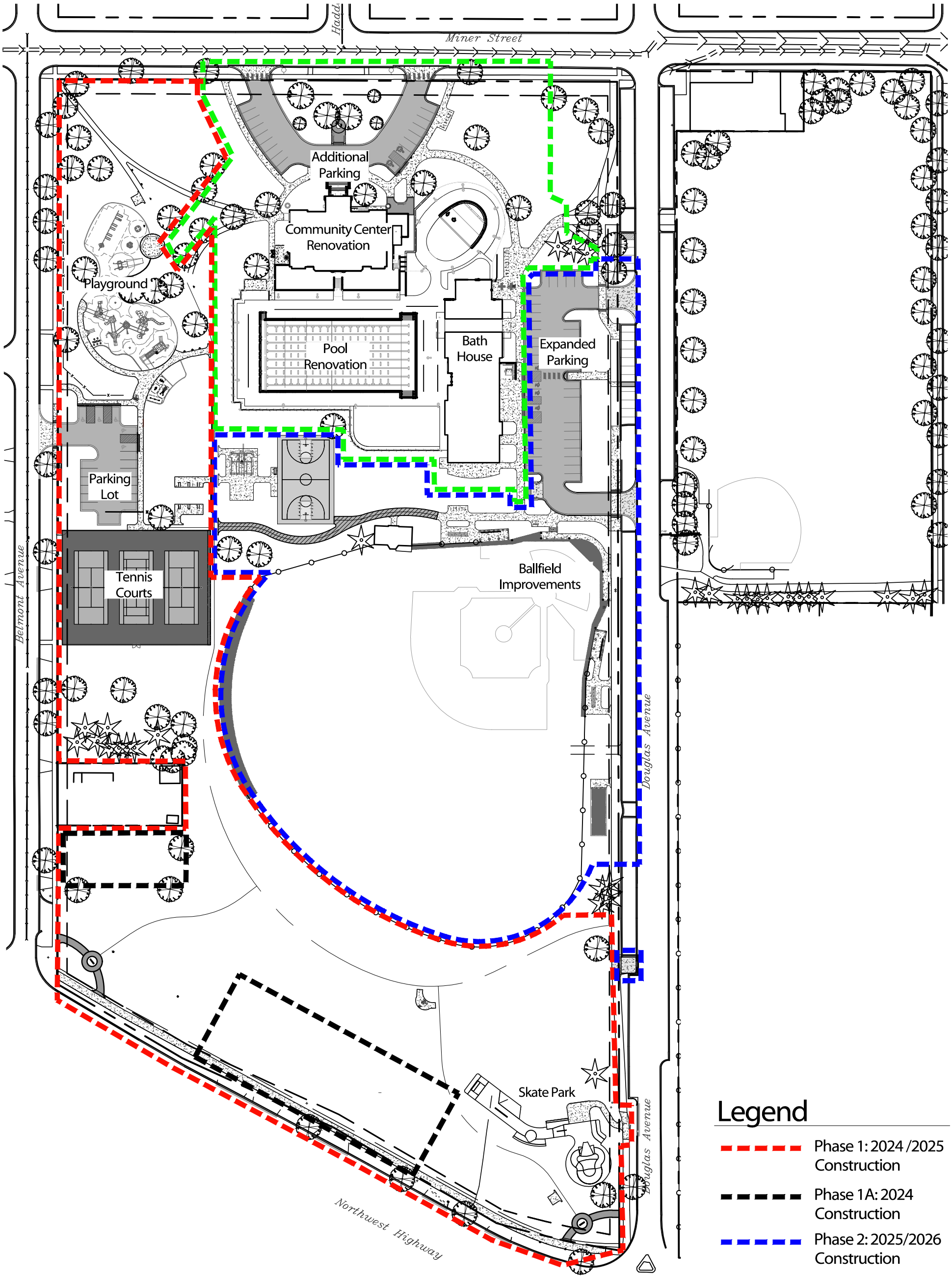
ALSO: LOTS 3 THROUGH 34 IN BLOCK 1, LOTS 1 THROUGH 3 AND LOTS 19 THROUGH 21 IN BLOCK 2 IN DUNTON AND BIGSBY'S ADDITION TO ARLINGTON HEIGHTS, BEING A SUBDIVISION IN THE WEST HALF OF THE SOUTHWEST QUARTER OF SAID SECTION 29, RECORDED JULY 7, 1876 AS DOCUMENT 43293 AND ALSO THAT PART OF VACATED WING STREET LYING WITHIN SAID BLOCKS 1 AND 2, ALL IN COOK COUNTY, ILLINOIS.

Commonly referred to 500 E. Miner Street, Arlington Heights, Illinois

PINs: 03-29-351-009
03-29-351-014
03-29-352-003
03-29-352-004
03-29-352-011
03-29-352-012
03-29-352-014
03-29-405-001
03-29-402-003
03-29-338-002
03-29-338-003
03-29-338-004
03-29-339-001
03-29-351-006
03-29-351-015
03-29-351-016
03-29-352-001

EXHIBIT B

PUD MASTER PLAN



Legend

- Phase 1: 2024 /2025 Construction
- Phase 1A: 2024 Construction
- Phase 2: 2025/2026 Construction
- Phase 3: 2025/2026 Construction
- Park District Property

HITCHCOCK DESIGN GROUP creating better places

Master Plan Phasing Exhibit

Recreation Park

Arlington Heights, Illinois

NORTH

1" = 100'

0' 50' 100' 300'

ISSUE DATE: March 27, 2025

All drawings are preliminary and subject to change

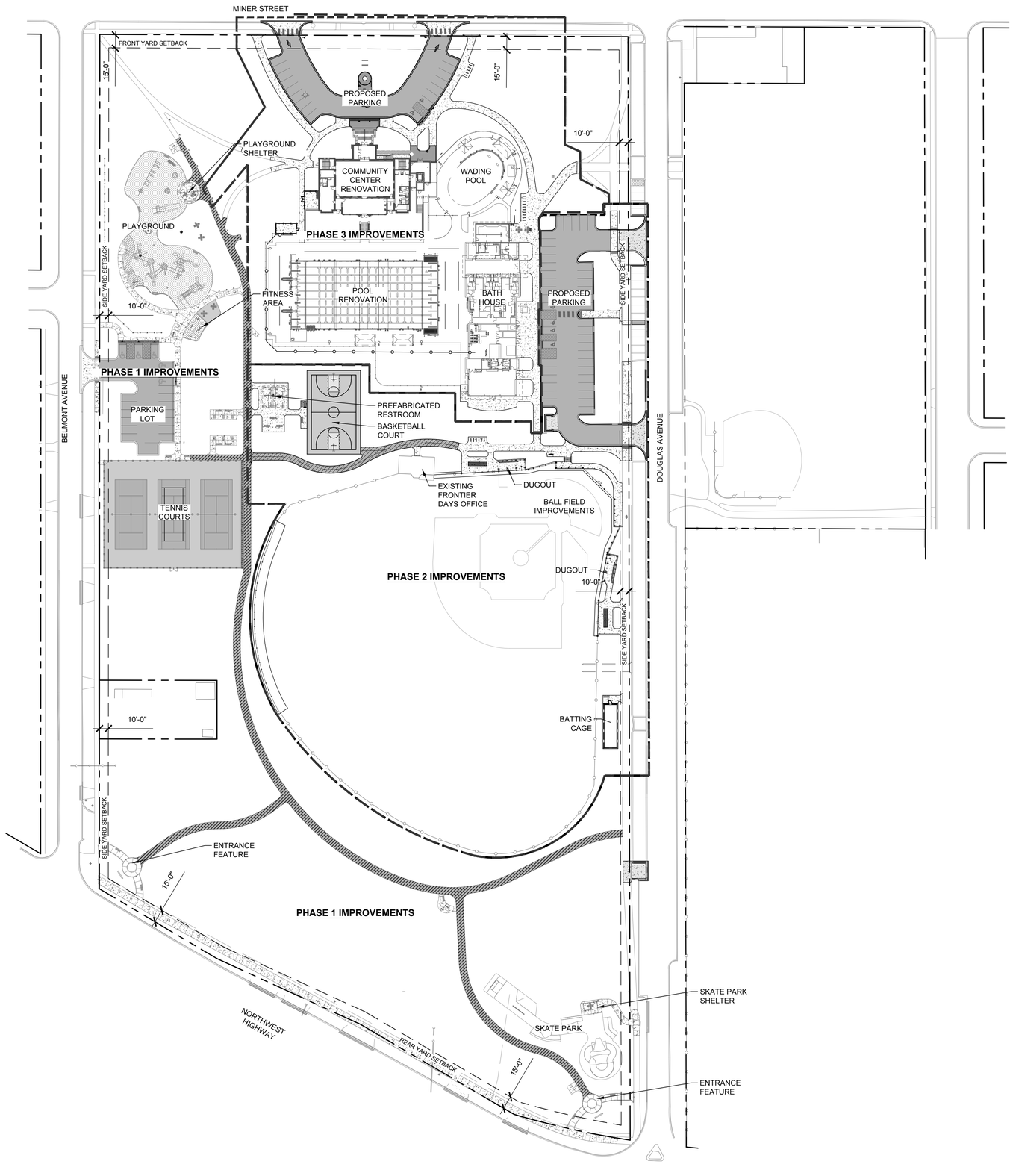
©2025 Hitchcock Design Group

PREPARED FOR:

Arlington Heights Park District

EXHIBIT C

SITE PLAN



BICYCLE PARKING

Amenity	Phase 1 Users	Phase 2 Users	Phase 3 Users
Playground	240		
Fitness	9		
Tennis	24		
Walking	10		
Skate Park	15		
Baseball Fields		60	
Basketball Court		15	
Shelter/Restroom		20	
Game Tables		6	
Pool			984
Bathhouse			170
Multi-Purpose Room			included with bathhouse
Community Building			260
Estimated Max Capacity	**298**	**101**	**1414**

	Phase 1	Phase 2	Phase 3	TOTAL
Bicycle Parking Required	5.96	2.02	28	36
Bicycle Parking Provided	14	12	28	54

VEHICULAR PARKING

		Proposed Parking			
	Existing Parking	Phase 1	Phase 2	Phase 3	Final
On-Street	147	147	142	142	142
Off-Street	57	18	42	17	77
Total	204	165	184	159	**219**

Required Parking **129**

1 space per 30% of building occupancy

total building occupancy = 430

HITCHCOCK DESIGN GROUP
creating better places

22 E. Chicago Avenue
Suite 200A
Naperville, IL 60540
T 630.961.1787
hitchcockdesigngroup.com

PREPARED FOR

Arlington Heights Park District

410 N Arlington Heights Road
Arlington Heights, Illinois 60004

PROJECT

Recreation Park

500 E. Miner Street
Arlington Heights, Illinois 60004

CONSULTANTS

Civil Engineer
Eriksson Engineering Associates, Ltd.
135 S. Jefferson St., Suite 135
Chicago, IL 60661
T 312.463.0551

Electrical Engineer
Nova Engineering, PC
2338 Cline Ave.
Schererville, Indiana 46375
T 219.865.3352

Issue for Permit
February 26, 2025

REVISIONS

No	Date	Issue
01	2025.03.27	Plan Commission Rev

CHECKED BY
ARH / MGM

DRAWN BY
MDM / CNO

SHEET TITLE

OVERALL SITE PLAN

SCALE IN FEET
1" = 60'

0' 30' 60' 180'

NORTH

SHEET NUMBER

L0.0

©2025 Hitchcock Design Group

J:\Projects\Naperville\Arlington Heights Park District\Recreation Park Phase II Final Design\06 Production\01 CAD\00 Current\L0.0 Overall Site Plan.dwg

EXHIBIT D

ARCHITECTURAL PLANS

VILLAGE OF ARLINGTON HEIGHTS APPLICABLE CODES:

1.	2018	INTERNATIONAL BUILDING CODE
2.	2018	INTERNATIONAL EXISTING BUILDING CODE (IEBC)
3.	2014	ILLINOIS PLUMBING CODE (77 ILL. ADM. CODE 890)
4.	2021	INTERNATIONAL ENERGY CONSERVATION CODE
5.	2018	ILLINOIS ACCESSIBILITY CODE (71 ILL. ADM. CODE 400)
6.	2018	INTERNATIONAL FUEL GAS CODE
7.	2018	INTERNATIONAL MECHANICAL CODE
8.	2018	INTERNATIONAL PROPERTY MAINTENANCE CODE
9.	2018	INTERNATIONAL FIRE CODE
10.	2017	NATIONAL ELECTRICAL CODE
11.	2018	INTERNATIONAL SWIMMING POOL AND SPA CODE
12.	2015	NFPA 101- LIFE SAFETY CODE

BUILDING AREAS:

FIRST FLOOR GROSS ENCLOSED AREA:	6,882 SF
EXISTING AREA TO BE RENOVATED	6,779 SF
NEW ADDITION AREA	103 SF
ENTRY FLOOR GROSS ENCLOSED AREA:	564 SF
NEW ADDITION AREA	564 SF
BASEMENT FLOOR GROSS ENCLOSED AREA:	6,997 SF
EXISTING AREA TO BE RENOVATED	6,779 SF
NEW ADDITION AREA	218 SF
TOTAL GROSS ENCLOSED AREA:	14,443 SF

CODE COMPLIANCE NOTES:

1. BUILDING USES - ASSEMBLY A-3, SINGLE OCCUPANCY

   BUILDING TYPE (TABLE 601) : 2B NEW ADDITION
   3B EXISTING BUILDING
   (3B, MORE RESTRICTIVE CONSTRUCTION TYPE USED FOR CODE ANALYSIS)

   FIRE PROTECTION SYSTEMS: AUTOMATIC SPRINKLER SYSTEM

2. HEIGHT CALCULATIONS
   (TABLE 504.3 ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE)

USE GROUP, CONSTRUCTION TYPE	A-3, TYPE 3B
ALLOWABLE HEIGHT = # STORIES / HEIGHT (FT)	3 STORIES / 75 FT
ACTUAL HEIGHT = # STORIES / HEIGHT (FT)	2 STORIES / 40'-2"

3. AREA CALCULATIONS

USE GROUP, CONSTRUCTION TYPE	A-3, TYPE 3B
ALLOWABLE TABULAR AREA (SF)	28,500
ACTUAL FLOOR AREA - TOTAL (SF)	
ENTRY LEVEL ADDITION (SF)	450
LEVEL 1 (SF)	6,890
BASEMENT (SF)	6,960

   506.1.3 BASEMENTS NEED NOT BE INCLUDED IN THE TOTAL ALLOWABLE FLOOR AREA IF THE BASEMENT DOES NOT EXCEED THE PERMITTED AREA FOR A ONE STORY ABOVE GRADE PLANE BUILDING

4. PORTABLE FIRE EXTINGISHES
   1. 1 PER 3,000 SF & 75 FT. MAX. TRAVEL (TABLE 906.3(1))
   2. ADDITIONAL REQUIRED LOCATIONS (REF. 906.1)

TAG	DESCRIPTION
FEC-1	FIRE EXTINGUISHER CABINET (SEMI-RECESSED)

FIRE-RESISTIVE REQUIREMENTS:

2B- NEW ADDITION
3B- EXISTING BUILDING

1. RATINGS FOR BUILDING ELEMENTS (IN HOURS):

   FIRE RESISTANCE RATING REQUIREMENTS FOR BUILING ELEMENTS (TABLE 601) :

	2B	3B
a. STRUCTURAL FRAME: (COLUMNS, GIRDERS, BEAMS, JOISTS, SPANDRELS AND BRACING)	0 HR	0 HR
b. EXTERIOR BEARING WALLS:	0 HR	2 HR
c. INTERIOR BEARING WALLS:	0 HR	0 HR
d. NON-BEARING WALLS AND PARTITIONS - EXTERIOR:	0 HR	0 HR
e. NON-BEARING WALLS AND PARTITIONS - INTERIOR:	0 HR	0 HR
f. FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS:	0 HR	0 HR
g. ROOF CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS:	0 HR	0 HR
FIRE WALLS AND PARTY WALLS:	N/A	
FIRE SEPARATION ASSEMBLIES:		
a. EXIT (STAIR) ENCLOSURES	1 HR (Section 1023.2)	
b. SHAFT ENCLOSURES/ELEVATOR HOISTWAYS	1 HR (Section 713.4)	

   FIRE PARTITIONS:

   a. EXIT ACCESS CORRIDORS: 0 HR. (TABLE 1017.1)
   b. COMBUSTIBILITY (SECTIONS 602.2, 602.3, 602.4, 602.5, 603)
      1. EXTERIOR WALLS: NON-COMBUSTIBLE
      2. INTERIOR ELEMENTS: NON-COMBUSTIBLE
      3. ROOF: NON-COMBUSTIBLE

PLUMBING FIXTURE REQUIREMENTS (ILLINOIS PLUMBING CODE)						
TYPE OF BUILDING: ASSEMBLY 260 ANTICIPATED OCCUPANTS: 130 MALE & 130 FEMALE						
FIXTURE	REQUIRED		PROVIDED			
	MALE	FEMALE	MALE	FEMALE	UNISEX	
WATER CLOSETS	2	3			8	
URINAL	2		1			
LAVATORY	1	1			8	
DRINKING FOUNTAIN OR WATER COOLER	3 (1 HIGH-LOW FOR EACH SET OF MALE AND FEMALE RESTROOMS)					
SERVICE SINK	2 (1 SERVICE SINK PER FLOOR)					

CODE TAG LEGEND

ROOM TAGS

ROOM / A100 / 150 SF / 8 | 10 — ROOM NAME; ROOM NUMBER; ROOM OCCUPIABLE SQUARE FOOTAGE; ROOM OCCUPANCY LOAD - CALCULATED; ROOM OCCUPANCY LOAD - ACTUAL

DOOR TAG

A100 / 227 | 34" / 120 | 18" — DOOR NUMBER; EXITING CLEAR WIDTH PROVIDED (INCHES); EXITING WIDTH REQUIRED (INCHES); EXIT CAPACITY PROVIDED; EXIT CAPACITY REQUIRED

STAIR TAG

A100 / 400 | 60" / 227 | 34" — STAIR NUMBER; EXITING CLEAR WIDTH PROVIDED (INCHES); EXITING WIDTH REQUIRED (INCHES); EXIT CAPACITY PROVIDED; EXIT CAPACITY REQUIRED

PATH OF TRAVEL TAG

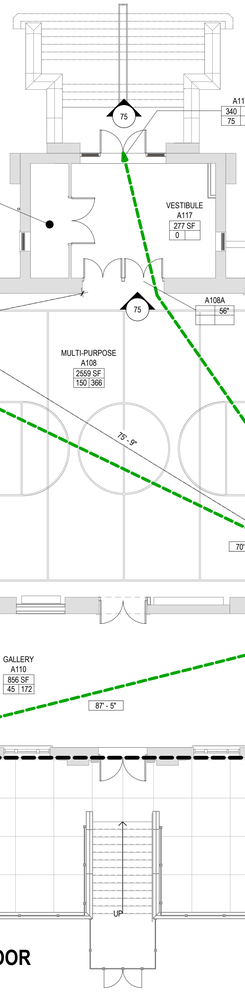
48' 6" — LENGTH OF PATH OF TRAVEL IN FEET AND INCHES

DIRECTION OF TRAVEL TAG

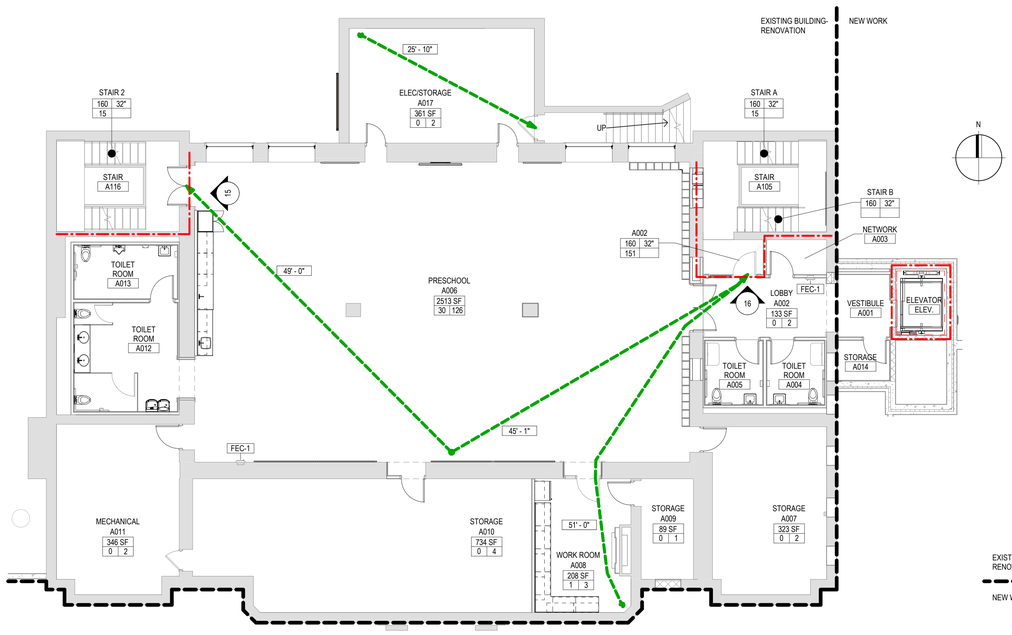
220 — INDICATES NUMBER OF PEOPLE TRAVELING IN DIRECTION SHOWN

OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	ROOM NET AREA (S.F.)	ROOM AREA REDUCTION (S.F.)	ROOM OCCUPIABLE NET AREA (S.F.)	ROOM OCCUPANCY			ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)
					OCCUPANCY TYPE	SF TYPE	SF PER PERSON		
Not Placed									
-	PIT	Not Placed			(none)				
BASEMENT									
A001	VESTIBULE	56 SF	0 SF	56	UNOCCUPIED SPACES	GROSS	0		0
A002	LOBBY	133 SF	0 SF	133	BUSINESS AREAS	GROSS	150	1	0
A003	NETWORK	36 SF	0 SF	36	ACCESSORY STORAGE	GROSS	300	1	0
A004	TOILET ROOM	63 SF	0 SF	63	UNOCCUPIED SPACES	GROSS	0		0
A005	TOILET ROOM	63 SF	0 SF	63	UNOCCUPIED SPACES	GROSS	0		0
A006	PRESCHOOL	2513 SF	0 SF	2513	EDUCATIONAL - CLASSROOM AREA	NET	20	126	30
A007	STORAGE	323 SF	0 SF	323	ACCESSORY STORAGE	GROSS	300	2	0
A008	WORK ROOM	208 SF	0 SF	208	BUSINESS AREAS	GROSS	150	2	1
A009	STORAGE	89 SF	0 SF	89	ACCESSORY STORAGE	GROSS	300	1	0
A010	STORAGE	734 SF	0 SF	734	BUSINESS AREAS	GROSS	150	5	0
A011	MECHANICAL	346 SF	0 SF	346	ACCESSORY STORAGE	GROSS	300	2	0
A012	TOILET ROOM	194 SF	0 SF	194	UNOCCUPIED SPACES	GROSS	0		0
A013	TOILET ROOM	94 SF	0 SF	94	UNOCCUPIED SPACES	GROSS	0		0
A014	STORAGE	36 SF			UNOCCUPIED SPACES	GROSS	0		0
A017	ELEC/STORAGE	361 SF	0 SF	361	ACCESSORY STORAGE	GROSS	300	2	0
A105	STAIR	184 SF	0 SF	184	UNOCCUPIED SPACES	GROSS	0		0
A105	STAIR VESTIBULE	36 SF			UNOCCUPIED SPACES	GROSS	0		0
A116	STAIR	182 SF	0 SF	182	UNOCCUPIED SPACES	GROSS	0		0
A120	PUMP PIT	56 SF			(none)				
ELEV.	ELEVATOR	58 SF	0 SF	58	UNOCCUPIED SPACES	GROSS	0		0
EXISTING ENTRY GRADE									
A119	SPRINKLER ROOM	56 SF	0 SF	56	ACCESSORY STORAGE	GROSS	300	1	0
LEVEL 0.5									
A100	MAIN VESTIBULE	355 SF	0 SF	355	UNOCCUPIED SPACES	GROSS	0		0
LEVEL 1									
A101	VESTIBULE	99 SF	0 SF	99	UNOCCUPIED SPACES	GROSS	0		0
A102	LOBBY	317 SF	0 SF	317	BUSINESS AREAS	GROSS	150	3	2
A103	JANITOR CLOSET	35 SF	0 SF	35	ACCESSORY STORAGE	GROSS	300	1	0
A104	WOMENS TOILET ROOM	95 SF	0 SF	95	UNOCCUPIED SPACES	GROSS	0		0
A105	STAIR VESTIBULE	38 SF			UNOCCUPIED SPACES	GROSS	0		0
A106	MENS TOILET ROOM	84 SF	0 SF	84	UNOCCUPIED SPACES	GROSS	0		0
A107	STAFF OFFICE	120 SF	0 SF	120	BUSINESS AREAS	GROSS	150	1	1
A108	MULTI-PURPOSE	2559 SF	0 SF	2559	ASSEMBLY - WITHOUT FIXED SEATING - CONCENTRATED (CHAIRS ONLY)	NET	7	366	150
A109	VESTIBULE	86 SF	0 SF	86	UNOCCUPIED SPACES	GROSS	0		0
A110	GALLERY	856 SF	0 SF	856	ASSEMBLY - WITHOUT FIXED SEATING - STANDING SPACE	NET	5	172	45
A111	VESTIBULE	82 SF	0 SF	82	UNOCCUPIED SPACES	GROSS	0		0
A112	RENTAL	446 SF	0 SF	446	ASSEMBLY - WITHOUT FIXED SEATING - UNCONCENTRATED (TABLES & CHAIRS)	NET	15	30	30
A113	TOILET	62 SF			UNOCCUPIED SPACES	GROSS	0		0
A114	KITCHENETTE	65 SF	0 SF	65	BUSINESS AREAS	GROSS	150	1	1
A115	STORAGE	133 SF	0 SF	133	ACCESSORY STORAGE	GROSS	300	1	0
A117	VESTIBULE	277 SF	0 SF	277	UNOCCUPIED SPACES	GROSS	0		0
A118	STORAGE	75 SF	0 SF	75	ACCESSORY STORAGE	GROSS	300	1	0
A119	SPRINKLER ROOM	56 SF			(none)				
NUMBER OF ROOMS: 41								719	260



7 **CODE PLAN - FIRST FLOOR**
1/8" = 1'-0"



6 **CODE PLAN - BASEMENT FLOOR**
1/8" = 1'-0"

GENERAL CODE COMPLIANCE NOTES

1. PROVIDE FIRE WALLS, FIRE AND SMOKE PARTITIONS AT LOCATIONS INDICATED ON THESE G-Series DRAWINGS. PROVIDE CONSTRUCTION IN ACCORDANCE WITH UL-TEST NUMBERS FOR RATINGS INDICATED:

   UNLESS OTHERWISE NOTED PROVIDE THE FOLLOWING UL-TEST DESIGNS:
   2HR RATED CMU: UL-U905; UL-U906;
   3HR RATED CMU: UL-U904;
   1HR RATED GYPSUM BOARD: UL-U419; UL-U448;
   1-1/2HR RATED GYPSUM BOARD: UL-U449
   2HR RATED GYPSUM BOARD: UL-U411; UL-U412; UL-U419;
   3HR RATED GYPSUM BOARD: UL-U419;UL-U435;
   1HR RATED SHAFTWALL: UL-U469;
   2HR RATED SHAFTWALL: UL-U-467

2. FIRE RATED WALLS AND PARTITIONS SHALL BE CONTINUOUS, WITHOUT GAPS IN HORIZONTAL AND VERTICAL DIRECTIONS. SEAL ALL PENETRATIONS ACCORDING TO SPECIFIED OR SELECTED UL TESTS.

3. IN ADDITION TO SIGNS REQUIRED BY THE SPECIFICATIONS FOR EACH PENETRATION, PROVIDE STENCILED SIGNS AT ALL ACCESSIBLE CONCEALED FLOOR, CEILING OR ATTIC SPACE WHICH INCORPORATES THE WORDS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS". PROVIDE AT LEAST ONE OR MORE SIGNS ON BOTH SIDES OF EACH WALL SEGMENT SPACED AT LEAST 15' APART. LETTERING SHALL BE AT LEAST 2" IN HEIGHT.

4. BOTTOM FLANGE PROTECTION. PROVIDE INTUMESCENT COATING FIRE PROTECTION AT THE BOTTOM FLANGE OF LINTELS, SHELF ANGLES AND PLATES, IN WALLS THAT ARE PART OF THE PRIMARY STRUCTURAL FRAME, WHICH SPAN MORE THAN 6 FEET AND WHICH ARE EXPOSED TO VIEW. ALL OTHER LINTEL SURFACES IN WALL THAT ARE PART OF THE PRIMARY STRUCTURAL FRAME, SPAN MORE THAN 6 FEET BUT WHICH ARE NOT EXPOSED TO VIEW AND NOT ENCASED BY CMU OR CONCRETE, MAY BE FIRE PROOFED WITH SPRAY FIREPROOFING OR INTUMESCENT COATINGS.

5. STRUCTURAL FRAME SUPPORTING FIRE RATED WALLS: ALL STRUCTURAL COMPONENTS, INCLUDING COLUMNS, GIRDERS, BEAMS, JOISTS AND DECKS, SUPPORTING FIRE RATED SHAFT CONSTRUCTION SHALL BE FIRE RATED TO THE SAME LEVEL OF PROTECTION OF THE SHAFT. PROTECTION OF INDIVIDUAL BEAMS SHALL EXTEND TO THE ENTIRE SPAN OF THE STRUCTURE AND TO COLUMNS ALL THE WAY DOWN TO THE GROUND.

FIRE RESISTANCE LEGEND

WALLS / PARTITIONS

1-HR FIRE SEPARATION ASSEMBLY

REFER TO WALL ASSEMBLY LEGENDS AND PARTITION TYPE DETAILS FOR ASSEMBLY INFORMATION

fgma
FGMARCHITECTS
FGM Architects Inc.
1 Westbrook Corporate Center
Suite 1000
Westchester, Illinois 60154
630.574.8300 OFFICE
630.574.7070 FAX
ILLINOIS PROFESSIONAL DESIGN FIRM #184-000350

CIVIL
ERIKSSON ENGINEERING ASSOCIATES, LTD
145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
414.249.6108

LANDSCAPE
HITCHCOCK DESIGN GROUP
22 E. CHICAGO AVENUE, SUITE 200A
NAPERVILLE, ILLINOIS 60540
630.961.1787

STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1887 HIGH GROVE LANE
NAPERVILLE, ILLINOIS 60540
630.717.5399

M.E.P.
BERG ENGINEERING CONSULTANTS, LTD.
801 WEST WISE ROAD
SCHAUMBURG, ILLINOIS 60193
847.352.4500

AQUATIC
COUNSILMAN-HUNSAKER & ASSOCIATES, INC
12851 MANCHESTER ROAD, SUITE 120
ST. LOUIS, MISSOURI 63131
314.894.1245

FOOD SERVICE
EDGE ASSOCIATES, INC.
106 W. WILSON STREET, SUITE 101
BATAVIA, ILLINOIS 60510
815.962.4422

ISSUANCE		
NO	DATE	DESCRIPTION
	02/24/2025	PLAN COMMISSION
	03/27/2025	PLAN COMMISSION REV 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

CODE COMPLIANCE PLANS

SHEET NO.
G1.1A

JOB NO. 24-4036.01

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3/27/2025 9:43:50 AM
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VILLAGE OF ARLINGTON HEIGHTS APPLICABLE CODES:

1. 2018 INTERNATIONAL BUILDING CODE
2. 2014 ILLINOIS PLUMBING CODE (77 ILL. ADM. CODE 890)
3. 2021 INTERNATIONAL ENERGY CONSERVATION CODE
4. 2018 ILLINOIS ACCESSIBILITY CODE (71 ILL. ADM. CODE 400)
5. 2018 INTERNATIONAL FUEL GAS CODE
6. 2018 INTERNATIONAL MECHANICAL CODE
7. 2018 INTERNATIONAL PROPERTY MAINTENANCE CODE
8. 2018 INTERNATIONAL FIRE CODE
9. 2017 NATIONAL ELECTRICAL CODE
10. 2018 INTERNATIONAL SWIMMING POOL AND SPA CODE
11. 2015 NFPA 101- LIFE SAFETY CODE

BUILDING AREAS:

TOTAL GROSS ENCLOSED AREA: 9,782 SF

CODE COMPLIANCE NOTES:

1. BUILDING USES : ASSEMBLY A-3
   PRINCIPAL USE: LOCKER ROOM

   BUILDING TYPE : 2B (TABLE 601)
   FIRE PROTECTION SYSTEMS: AUTOMATIC SPRINKLER SYSTEM
   OCCUPANCY CLASSIFICATIONS: (SECTIONS 302-312, 408)
   1. ACCESSORY OCCUPANCIES (SECTION 508.3.1): N/A
   2. INCIDENTAL USE AREAS (TABLE 508.2): N/A
   3. MIXED OCCUPANCY AND FIRE AREA SEPARATIONS (TABLE 508.4), FOR SPRINKLERED BUILDING:
      a. SINGLE OCCUPANCY: ASSEMBLY A-3

2. HEIGHT CALCULATIONS

USE GROUP, CONSTRUCTION TYPE	A-3, TYPE 2B
ALLOWABLE HEIGHT = # STORIES / HEIGHT (FT)	3 STORIES / 75'
ACTUAL HEIGHT = # STORIES/HEIGHT (FT)	1 STORY / 19'-3"

3. AREA CALCULATIONS

USE GROUP	A-3, TYPE 2B
ALLOWABLE TABULAR AREA (SF)	38,000
ACTUAL FLOOR AREA - TOTAL (SF)	10,420

4. FIRE-RESISTANCE LEGEND:
   1-HR. FIRE SEPARATION ASSEMBLY

5. OCCUPANCY LEGEND:
   OCCUPANT LOAD: CALCULATED BY ROOM SQUARE FOOTAGE (IBC 2006 TABLE 1004.1.1) OR ACTUAL OCCUPANT LOAD ("0" INDICATES THAT THE ACTUAL OCCUPANT WAS USED)



6. EXITING LEGEND:



DOOR TAG



* NOTE: EXIT CAPACITY: DOORS: 0.15 IN / PERSON
STAIRS: NO EGRESS STAIR IN PROJECT

7. MAXIMUM TRAVEL DISTANCE.

DISTANCE TO EXIT (TABLE 1016.1) : BUSINESS B: MAX. 300 FEET
INSTITUTIONAL I-3: MAX. 200 FEET
STORAGE S-2: MAX. 250 FEET
HIGH HAZARD H-3: MAX. 150 FEET

COMMON PATH OF TRAVEL: 100 FEET (25 FEET IN H-3)

MIN. # OF EXITS FOR OCCUPANT LOAD:

TABLE 1019.1	
OCCUPANT LOAD (PER STORY)	MIN. NO. OF EXITS (PER STORY)
1 - 500	**2**
500 - 1000	3
MORE THAN 1000	4

DEAD END: MAX. 50 FEET (SECTION 1017.3)

8. F.E.C. FIRE EXTINGUISHER CABINET (1 PER 3,000 SF & 75 FT. MAX. TRAVEL)
   RECESSED - U.N.O.

   F.E. SURFACE-MOUNTED FIRE EXTINGUISHER (SECTION 906)

   S.P.V.C. STAND PIPE VALVE CABINET - STAGE ONLY (SECTION 410.7) (SECTION 905)

FIRE-RESISTIVE REQUIREMENTS:

FOR TYPE 2B CONSTRUCTION

RATINGS FOR BUILDING ELEMENTS (IN HOURS):

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILING ELEMENTS (TABLE 601) :

1. a. STRUCTURAL FRAME: 0 HR
   (COLUMNS, GIRDERS, BEAMS, JOISTS, SPANDRELS AND BRACING)
   b. EXTERIOR BEARING WALLS: N/A
   c. INTERIOR BEARING WALLS: 0 HR
   d. NON-BEARING WALLS AND PARTITIONS - EXTERIOR: 0 HR
   e. NON-BEARING WALLS AND PARTITIONS - INTERIOR: 0 HR
   f. FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR
   g. ROOF CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS: 0 HR

   FIRE WALLS AND PARTY WALLS: N/A

   FIRE SEPARATION ASSEMBLIES:
   a. EXIT (STAIR) ENCLOSURES N/A, refer to Section 707.2 (Shaft Opening Protected by Draft Curtain and Closely Spaced Sprinkler Heads)
   b. SHAFT ENCLOSURES/ELEVATOR HOISTWAYS 1 hr. (Section 708)
   c. MIXED USE/FIRE SEPARATION ASSEMBLIES N/A
   d. OTHER SEPARAION ASSEMBLIES N/A
   e. SHAFTS N/A

   FIRE PARTITIONS:
   a. EXIT ACCESS CORRIDORS: 0 HR. (TABLE 1017.1)
   b. COMBUSTIBILITY (SECTIONS 602.2, 602.3, 602.4, 602.5, 603)
      1. EXTERIOR WALLS: NON-COMBUSTIBLE
      2. INTERIOR ELEMENTS: NON-COMBUSTIBLE
      3. ROOF: NON-COMBUSTIBLE

2. OTHER REQUIREMENTS: INCIDENTAL USE AREAS (TABLE 508.2) / (TABLE 715.4):

FIRE RESISTANCE LEGEND

WALLS / PARTITIONS

1-HR FIRE SEPARATION ASSEMBLY

REFER TO WALL ASSEMBLY LEGENDS AND PARTITION TYPE DETAILS FOR ASSEMBLY INFORMATION

BATHER LOAD & PLUMBING REQUIREMENTS

BATHER LOAD

LAP POOL	647
WADING POOL	88
POOL DECK	249
TOTAL:	**984**

PER ILLINOIS DEPARTMENT OF PUBLIC HEALTH CODE, SECTION 820, TABLE "E": SHOWER, LAVATORY, AND TOILET FIXTURES. BATHHOUSE IS SIZED FOR CODE CATEGORY 501-1000 BATHERS.

BATHER LOAD PLUMBING FIXTURE REQUIREMENTS

	MALE				FEMALE		
BATHER LOAD	TOILETS	URINALS	LAVATORIES	SHOWERS	TOILETS	LAVATORIES	SHOWERS
501-1000	3	3	2	6	6	2	6

PLUMBING FIXTURES PROVIDED							
	MALE				FAMILY CHANGING - MALE		
TOILETS	URINALS	LAVATORIES	SHOWERS		TOILETS	LAVATORIES	SHOWERS
1	3	2	4		2	2	2
	FEMALE				FAMILY CHANGING - FEMALE		
TOILETS	-	LAVATORIES	SHOWERS		TOILETS	LAVATORIES	SHOWERS
4	-	2	4		2	2	2

TOTAL PLUMBING FIXTURES PROVIDED			
TOTAL - MALE			
TOILETS	URINALS	LAVATORIES	SHOWERS
3	3	4	6
TOTAL - FEMALE			
TOILETS	-	LAVATORIES	SHOWERS
6	-	4	6

OCCUPANCY SCHEDULE

ROOM NO.	ROOM NAME	ROOM NET AREA (S.F.)	ROOM OCCUPANCY			ROOM OCCUPANT LOAD (CALCULATED)	ROOM OCCUPANT LOAD (ACTUAL)
			OCCUPANCY TYPE	SF TYPE	SF PER PERSON		
B100	ADMISSION	178 SF	BUSINESS AREAS	GROSS	150	2	2
B101	COUNTING ROOM	49 SF	BUSINESS AREAS	GROSS	150	1	0
B102	NETWORK	55 SF	UNOCCUPIED SPACES	GROSS	0		0
B103	CONCESSIONS	729 SF	MERCANTILE	GROSS	60	13	5
B104	JC	40 SF	UNOCCUPIED SPACES	GROSS	0		0
B105	POOL MANAGER	198 SF	BUSINESS AREAS	GROSS	150	2	2
B106	GUARD	355 SF	LOCKER ROOMS	GROSS	50	8	8
B107	FIRST AID	74 SF	BUSINESS AREAS	GROSS	150	1	0
B108	WOMEN'S FAMILY CHANGING	142 SF	LOCKER ROOMS	GROSS	50	3	3
B109	WOMEN'S FAMILY CHANGING	143 SF	LOCKER ROOMS	GROSS	50	3	3
B110	MEN'S FAMILY CHANGING	143 SF	LOCKER ROOMS	GROSS	50	3	3
B111	MEN'S FAMILY CHANGING	142 SF	LOCKER ROOMS	GROSS	50	3	3
B112	WOMEN'S LOCKER ROOM	867 SF	LOCKER ROOMS	GROSS	50	18	18
B113	MEN'S LOCKER ROOM	703 SF	LOCKER ROOMS	GROSS	50	15	14
B114	CORRIDOR	177 SF	LOCKER ROOMS	GROSS	50	4	4
B115	JC / STOR. / CHASE	155 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
B117	POOL STORAGE	78 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
B118	SPRINKLER RM	36 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
B119	PH BUFFER	59 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
B120	SANITIZER RM	99 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
B121	BALL FIELD MAINTENACE	417 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	2	0
B122	POOL MECH	1334 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	5	0
B123	ELECTRICAL	26 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
B124	ELECTRICAL	65 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
B125	MULTIPURPOSE	1539 SF	ASSEMBLY - WITHOUT FIXED SEATING - UNCONCENTRATED (TABLES & CHAIRS)	NET	15	103	103
B126	STAFF OFFICE	97 SF	BUSINESS AREAS	GROSS	150	1	1
B127	CORRIDOR	36 SF	UNOCCUPIED SPACES	GROSS	0		0
B128	TOILET	79 SF	UNOCCUPIED SPACES	GROSS	0		0
B129	TOILET	79 SF	UNOCCUPIED SPACES	GROSS	0		0
B130	JC	21 SF	UNOCCUPIED SPACES	GROSS	0		0
B131	KITCHENETTE	99 SF	BUSINESS AREAS	GROSS	150	1	1
B132	STORAGE	192 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	GROSS	300	1	0
NUMBER OF ROOMS: 32						196	170

GENERAL CODE COMPLIANCE NOTES

1. PROVIDE FIRE WALLS, FIRE AND SMOKE PARTITIONS AT LOCATIONS INDICATED ON THESE G-Series DRAWINGS. PROVIDE CONSTRUCTION IN ACCORDANCE WITH UL-TEST NUMBERS FOR RATINGS INDICATED.

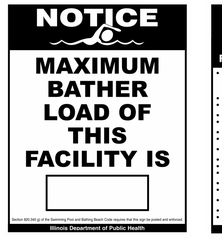
   UNLESS OTHERWISE NOTED PROVIDE THE FOLLOWING UL-TEST DESIGNS:
   2HR RATED CMU: UL-U905; UL-U906;
   3HR RATED CMU: UL-U904;
   1HR RATED GYPSUM BOARD: UL-U419; UL-U448;
   1-1/2HR RATED GYPSUM BOARD: UL-U449
   2HR RATED GYPSUM BOARD: UL-U411; UL-U412; UL-U419;
   3HR RATED GYPSUM BOARD: UL-U419;UL-U435;
   1HR RATED SHAFTWALL: UL-U469;
   2HR RATED SHAFTWALL: UL-U467

2. FIRE RATED WALLS AND PARTITIONS SHALL BE CONTINUOUS, WITHOUT GAPS IN HORIZONTAL AND VERTICAL DIRECTIONS. SEAL ALL PENETRATIONS ACCORDING TO SPECIFIED OR SELECTED UL TESTS.

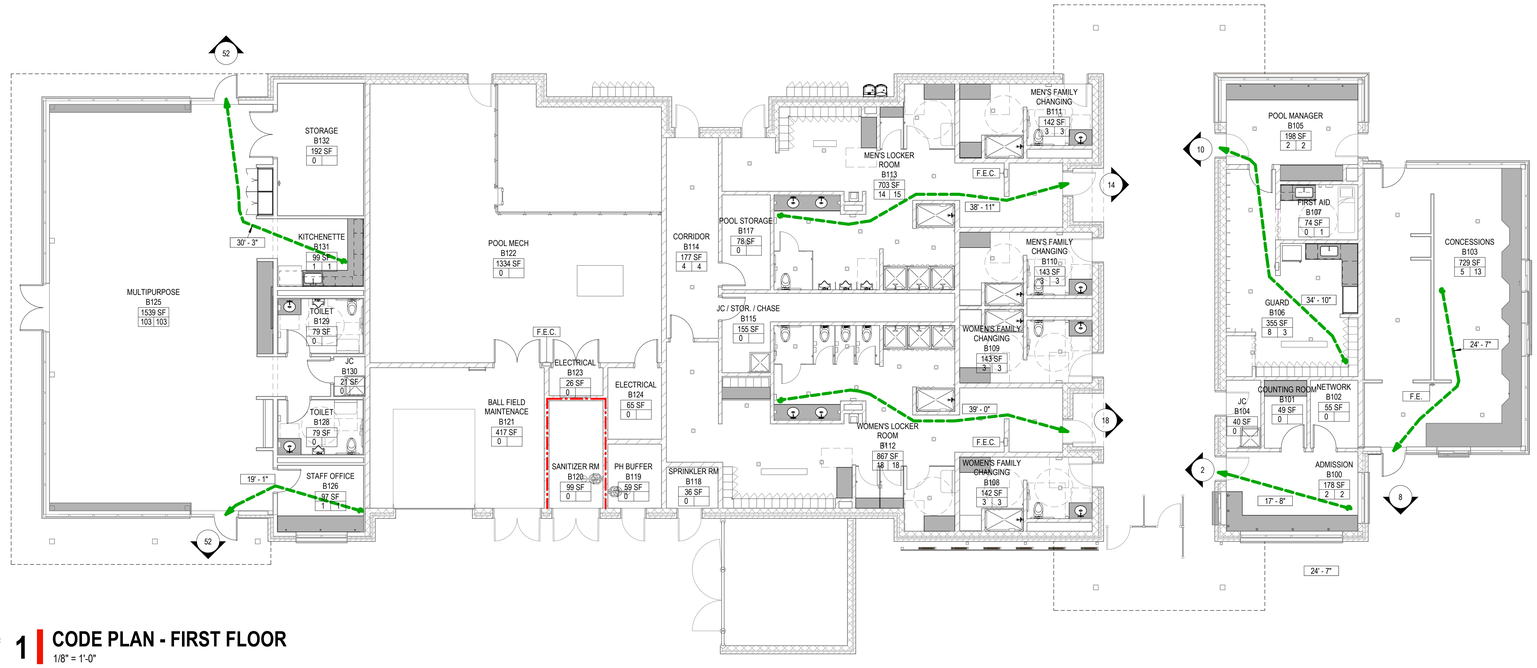
3. IN ADDITION TO SIGNS REQUIRED BY THE SPECIFICATIONS FOR EACH PENETRATION, PROVIDE STENCILLED SIGNS AT ALL ACCESSIBLE CONCEALED FLOOR, CEILING OR ATTIC SPACE WHICH INCORPORATES THE WORDS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS". PROVIDE AT LEASTE ONE OR MORE SIGNS ON BOTH SIDES OF EACH WALL SEGMENT SPACED AT LEAST 15' APART. LETTERING SHALL BE AT LEAST 2" IN HEIGHT.

4. BOTTOM FLANGE PROTECTION. PROVIDE INTUMESCENT COATING FIRE PROTECTION AT THE BOTTOM FLANGE OF LINTELS, SHELF ANGLES AND PLATES, IN WALLS THAT ARE PART OF THE PRIMARY STRUCTURAL FRAME, WHICH SPAN MORE THAN 6 FEET AND WHICH ARE EXPOSED TO VIEW. ALL OTHER LINTEL SURFACES IN WALL THAT ARE PART OF THE PRIMARY STRUCTURAL FRAME, SPAN MORE THAN 6 FEET BUT WHICH ARE NOT EXPOSED TO VIEW AND NOT ENCASED BY CMU OR CONCRETE, MAY BE FIRE PROOFED WITH SPRAY FIREPROOFING OR INTUMESCENT COATINGS.

5. STRUCTURAL FRAME SUPPORTING FIRE RATED WALLS: ALL STRUCTURAL COMPONENTS, INCLUDING COLUMNS, GIRDERS, BEAMS, JOISTS AND DECKS, SUPPORTING FIRE RATED SHAFT CONSTRUCTION SHALL BE FIRE RATED TO THE SAME LEVEL OF PROTECTION OF THE SHAFT. PROTECTION OF INDIVIDUAL BEAMS SHALL EXTEND TO THE ENTIRE SPAN OF THE STRUCTURE AND TO COLUMNS ALL THE WAY DOWN TO THE GROUND.







2 REQUIRED POOL SIGNAGE
6" = 1'-0"

1 CODE PLAN - FIRST FLOOR
1/8" = 1'-0"

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NO	DATE	DESCRIPTION
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	03/27/2025	PLAN COMMISSION REV 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004
PLAN COMMISSION

CODE COMPLIANCE PLAN- BATHHOUSE

SHEET NO.
G1.1B

JOB NO. 24-4036.01
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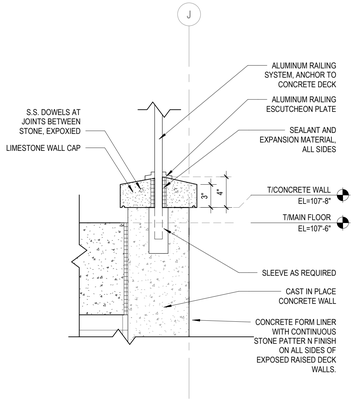
SITE PLAN LEGEND

- NEW POLE MOUNTED LED SITE LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- AREA DRAIN - SEE CIVIL SERIES FOR ADDITIONAL INFORMATION
- LINEAR DECK DRAIN - SEE DETAIL ON A0.4 AND CIVIL SERIES FOR ADDITIONAL INFORMATION
- NEW LAWN AREA. SEE LANDSCAPE SERIES FOR ADDITIONAL INFORMATION.
- NEW CONCRETE POOL DECK WITH ANTI-SLIP LIGHT BROOM FINISH AND SLOPED TO DRAIN AT A MINIMUM SLOPE OF 1" PER 10' AND A MAXIMUM SLOPE OF 2.4" PER 10' (WITH A MAXIMUM 15' LENGTH)
- NEW 3'-6" HIGH ALUMINUM INTERIOR FENCE. SEE DETAIL ON SHEET A0.4 FOR ADDITIONAL INFORMATION.
- NEW 8' HIGH ALUMINUM PERIMETER FENCE. SEE SPECIFICATIONS AND DETAILS ON A0.4 FOR ADDITIONAL INFORMATION.
- NEW 8' HIGH CHAIN LINK PERIMETER FENCE. SEE SPECIFICATIONS AND DETAILS ON A0.4 FOR ADDITIONAL INFORMATION.

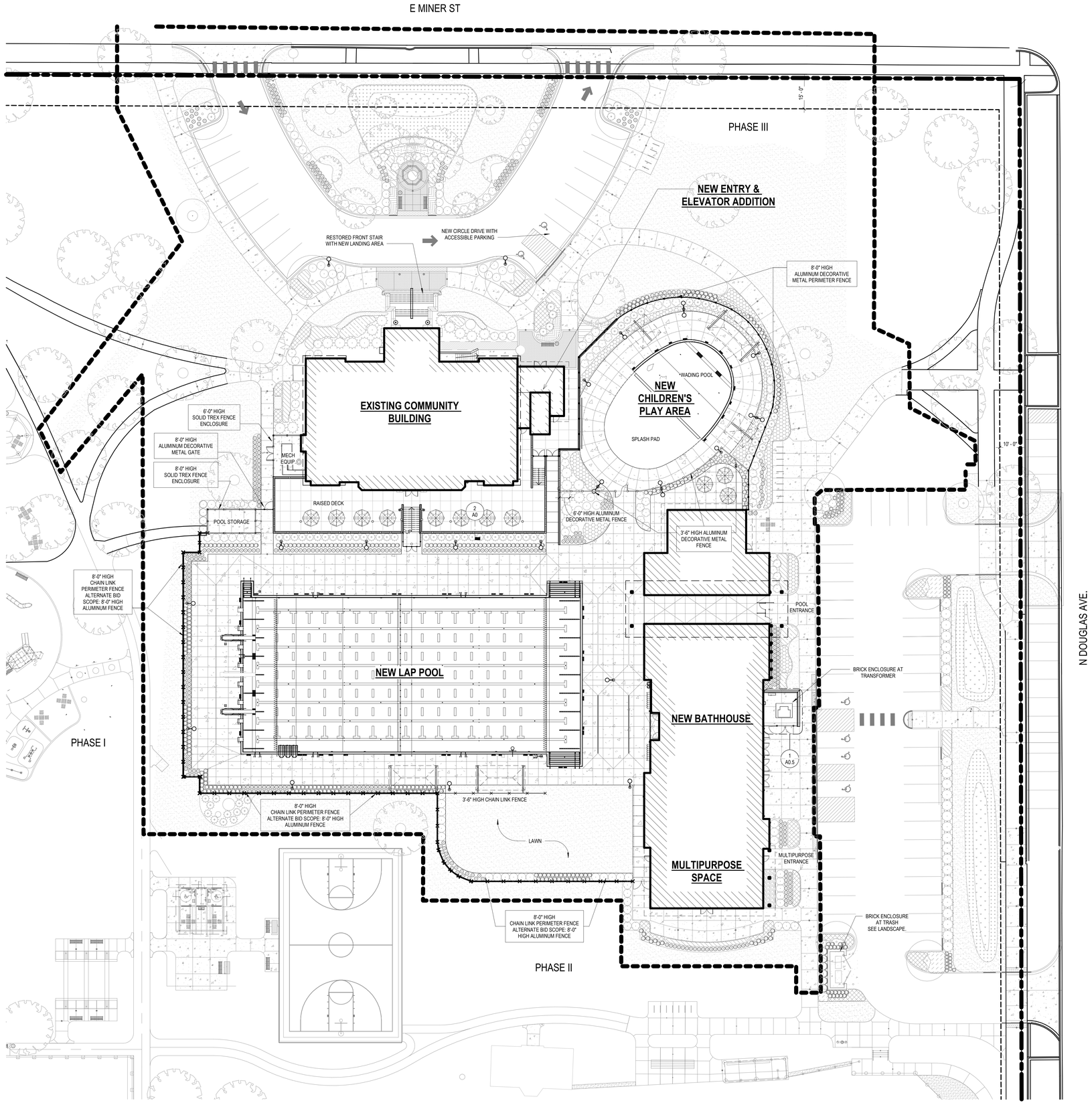
  ALTERNATE: NEW 8'-0" HIGH ALUMINUM PERIMETER FENCE.
- NEW 3'-6" HIGH CHAIN LINK INTERIOR FENCE. SEE SPECIFICATIONS AND DETAILS ON A0.4 FOR ADDITIONAL INFORMATION.

  ALTERNATE: NEW 3'-6" HIGH ALUMINUM INTERIOR FENCE

- PROJECT LIMIT LINE **(PHASE III)**
- SETBACK LINE
- PROPERTY LINE



2 RAILING DETAIL
1 1/2" = 1'-0"



N

1 ARCHITECTURAL SITE PLAN
1" = 20'-0"

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ISSUANCE

NO	DATE	DESCRIPTION

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE

ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR IDPH

PROPOSED SITE PLAN

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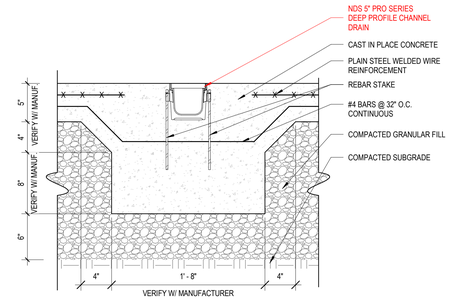
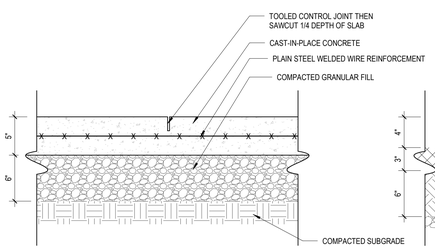
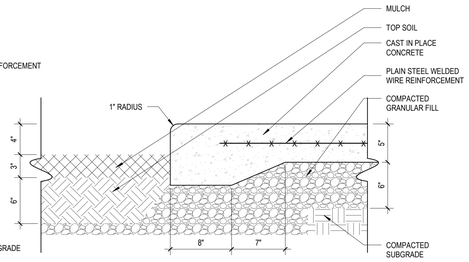


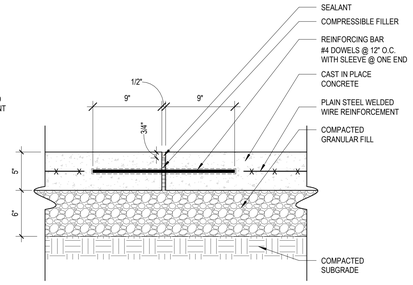
14 DECK DRAIN DETAIL
1 1/2" = 1'-0"



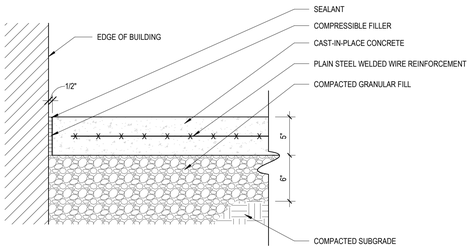
10 DETAIL @ DECK CONTROL JOINT
1 1/2" = 1'-0"



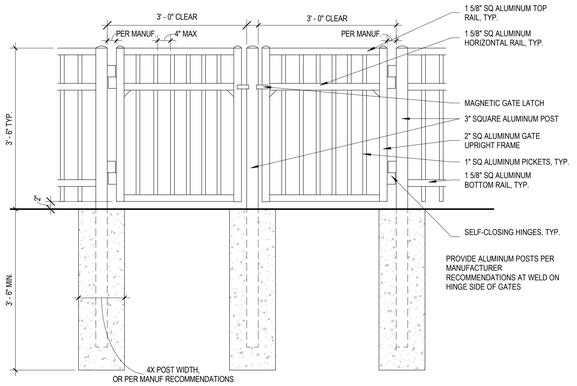
9 DECK EDGE @ PLANTING AREA
1 1/2" = 1'-0"



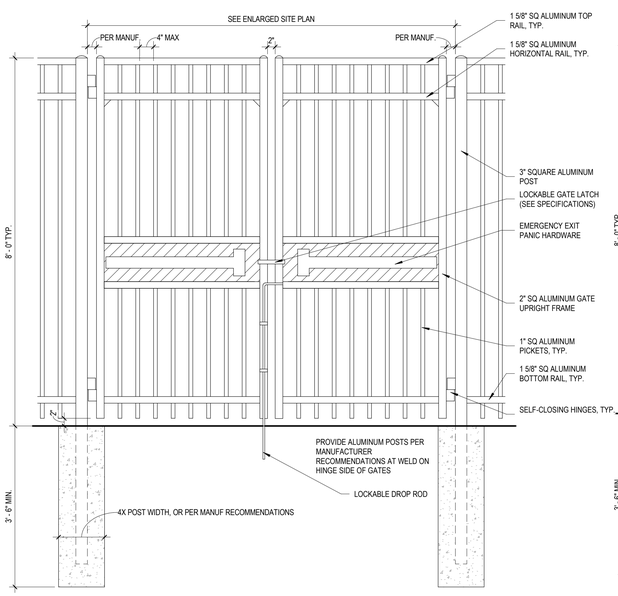
6 DECK EXPANSION JOINT DETAIL
1 1/2" = 1'-0"



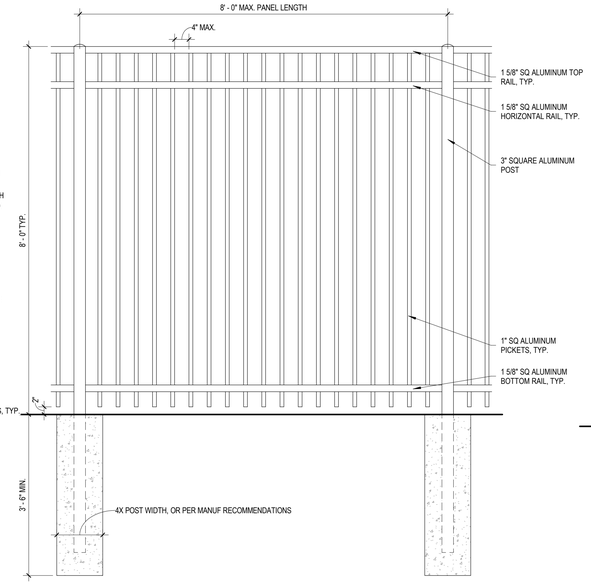
3 DETAIL @ EDGE OF BUILDING
1 1/2" = 1'-0"



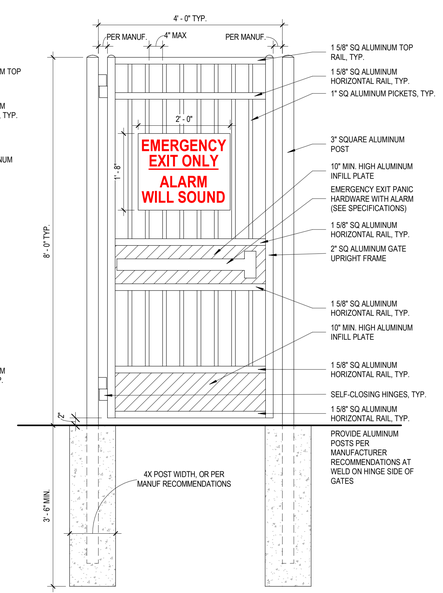
13 INTERIOR GATE DETAIL
3/4" = 1'-0"



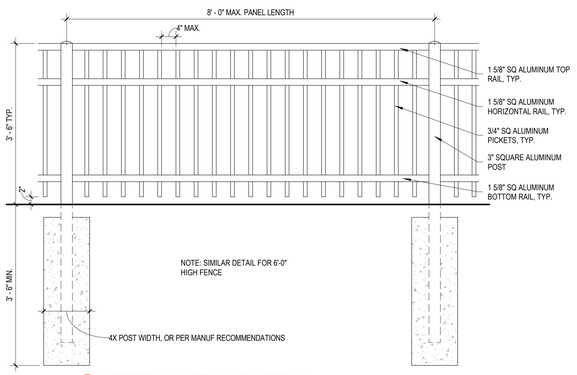
8 PERIMETER GATE DETAIL
3/4" = 1'-0"



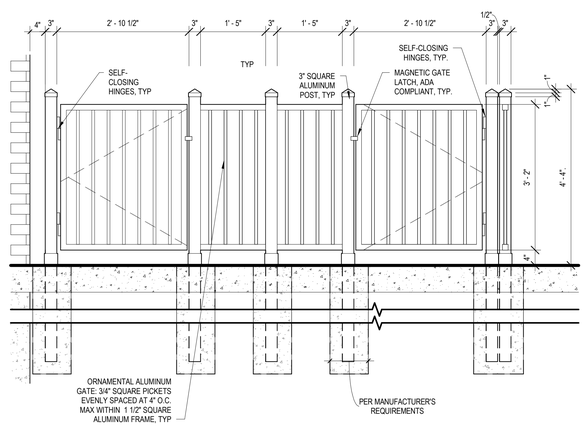
5 PERIMETER FENCE DETAIL
3/4" = 1'-0"



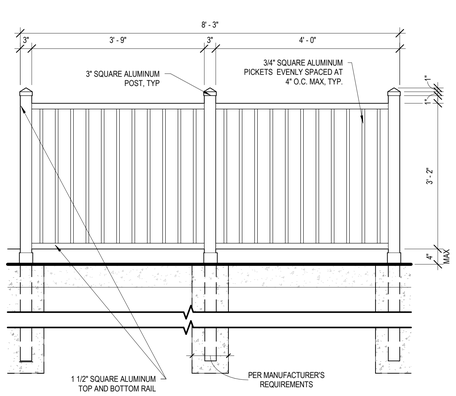
2 PERIIMETER GATE DETAIL
3/4" = 1'-0"



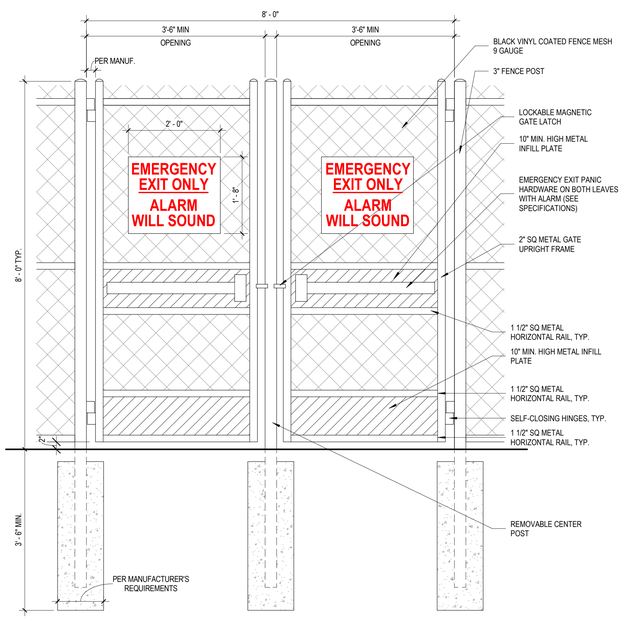
12 INTERIOR FENCE DETAIL
3/4" = 1'-0"



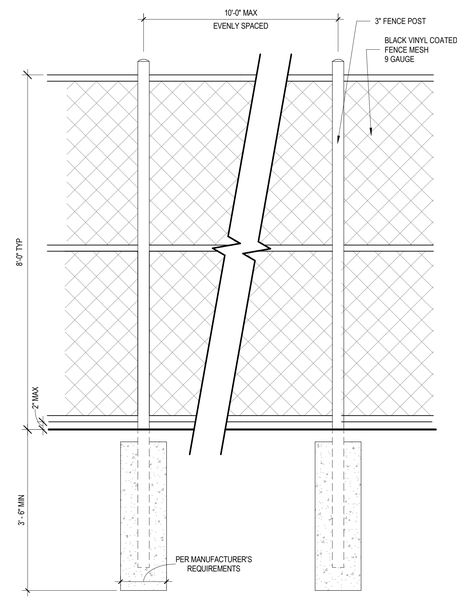
11 ELEVATION- BATHHOUSE ENTRY GATE
3/4" = 1'-0"



7 ELEVATION- BATHHOUSE ENTRY GATE
3/4" = 1'-0"



4 PERIIMETER GATE DETAIL
3/4" = 1'-0"



1 ELEVATION - CHAIN LINK FENCE
3/4" = 1'-0"

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RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

ARCHITECTURAL SITE DETAILS

SHEET NO.
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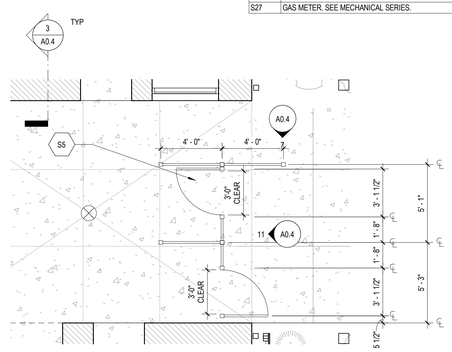
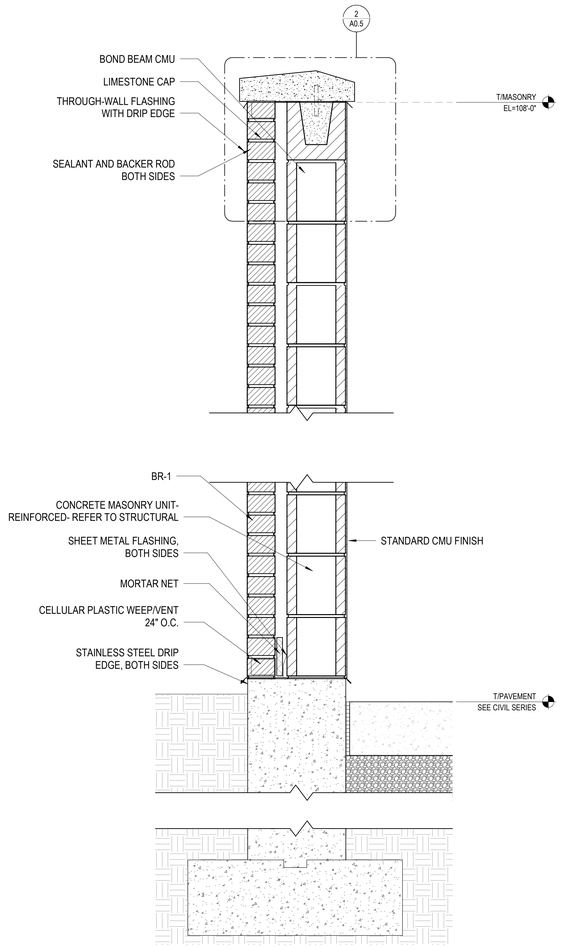
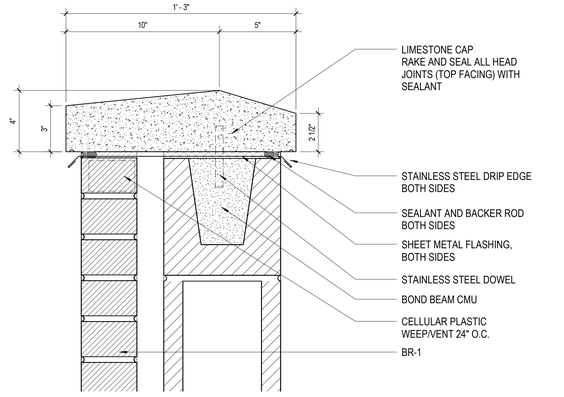
SITE PLAN KEYED NOTES	
TAG	DESCRIPTION
S5	ENTRY GATES. RECREATIONAL POOL GATES (AS PART OF A BARRIER) SHALL BE SELF-CLOSING AND SELF-LATCHING. IT IS UNDERSTOOD THAT ADMISSION AREA GATES ARE TO BE UTILIZED FOR DIFFERENT PURPOSES (ONE FOR ENTRY INTO THE SITE, THE OTHER FOR EXITING) GATES SHALL NOT BE SECURED TO IMPEDE- IN AN EMERGENCY SITUATION - THE ABILITY TO SWING FULLY OPEN INTO THE PATHWAY OF EGRESS WITHOUT SPECIAL TOOLS OR KNOWLEDGE.
S26	ELECTRICAL EQUIPMENT. SEE ELECTRICAL SERIES.
S27	GAS METER. SEE MECHANICAL SERIES.



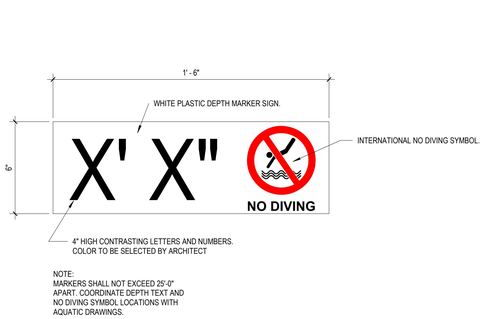
3 ENLARGED PLAN- ENTRY GATE
1/4" = 1'-0"



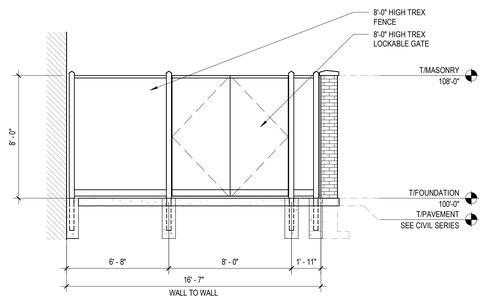
5 WALL SECTION- SITE WALL
1 1/2" = 1'-0"



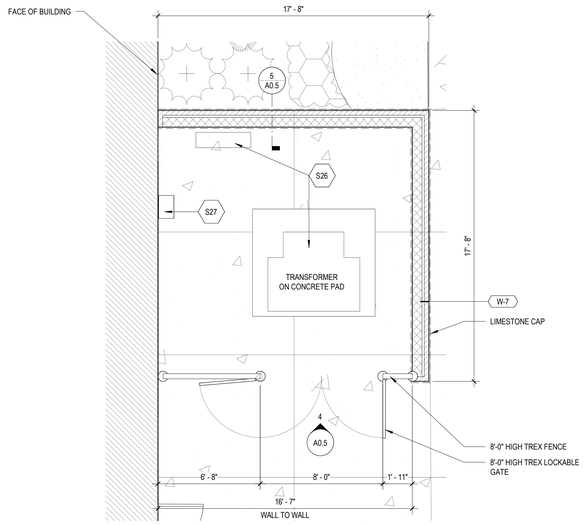
2 SECTION- LIMESTONE CAP
3" = 1'-0"



6 DEPTH MARKER SIGN
3" = 1'-0"



4 ELEVATION- TRANSFORMER ENCLOSURE GATE
1/4" = 1'-0"



1 ENLARGED PLAN- TRANSFORMER ENCLOSURE
1/4" = 1'-0"

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RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

ARCHITECTURAL SITE DETAILS

SHEET NO.
A0.5

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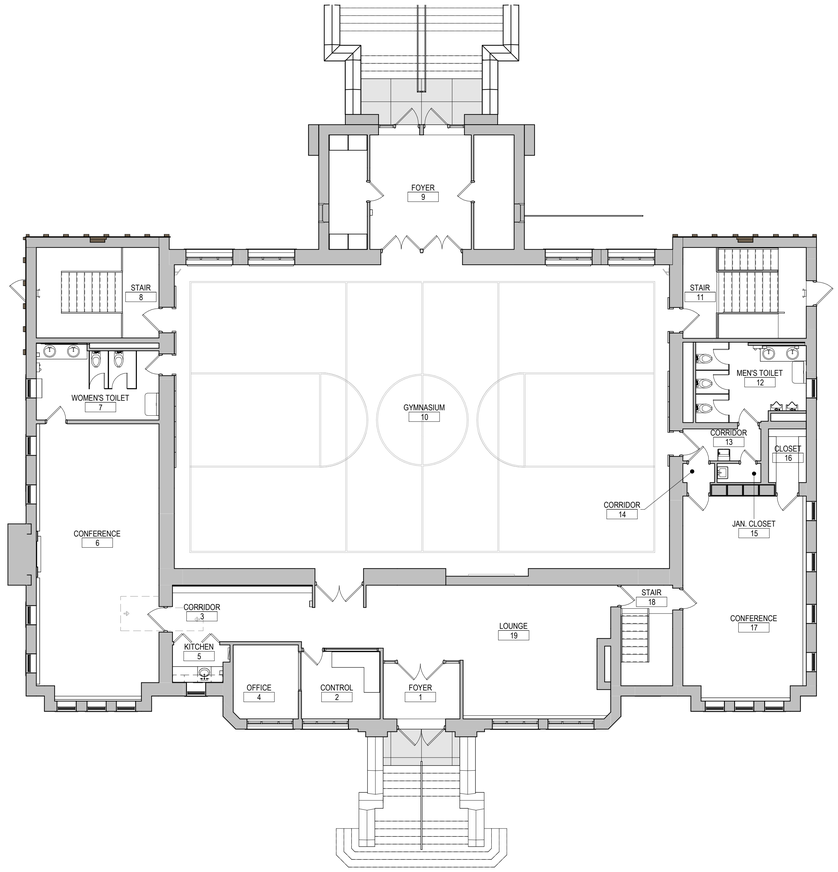

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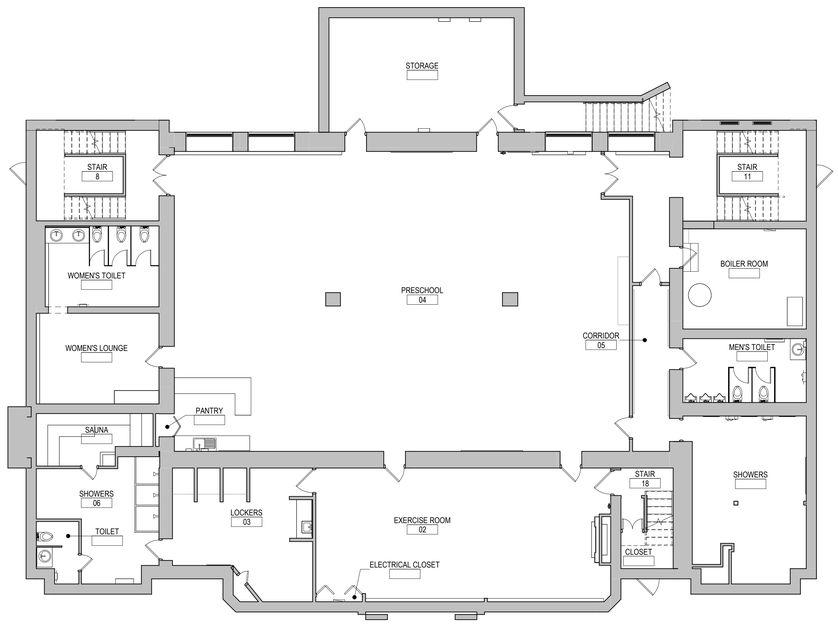
2 FIRST FLOOR PLAN
1/8" = 1'-0"



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1 BASEMENT FLOOR PLAN
1/8" = 1'-0"

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	02/24/2025	PLAN COMMISSION
	03/27/2025	PLAN COMMISSION REV 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

EXISTING FLOOR PLANS - COMMUNITY BUILDING

SHEET NO.
A1

JOB NO. 24-4036.01

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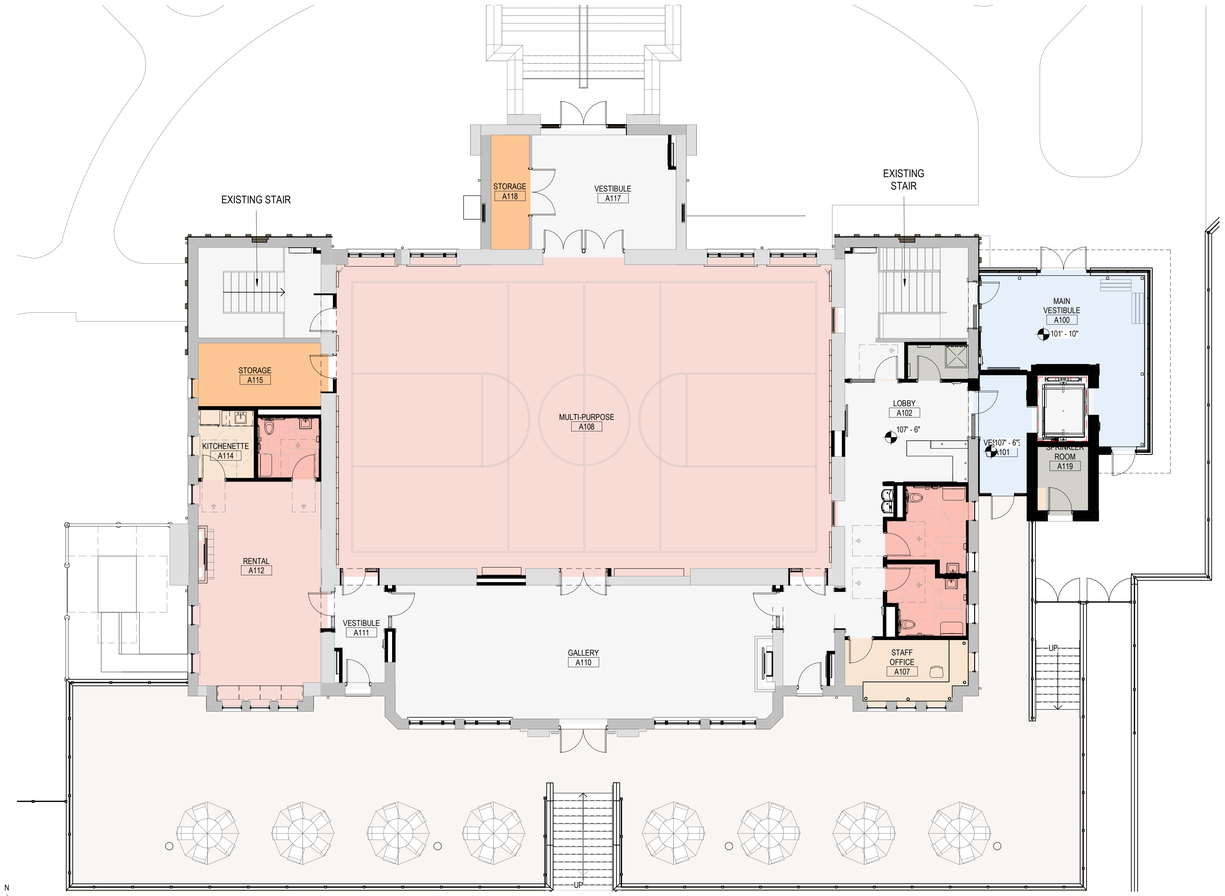

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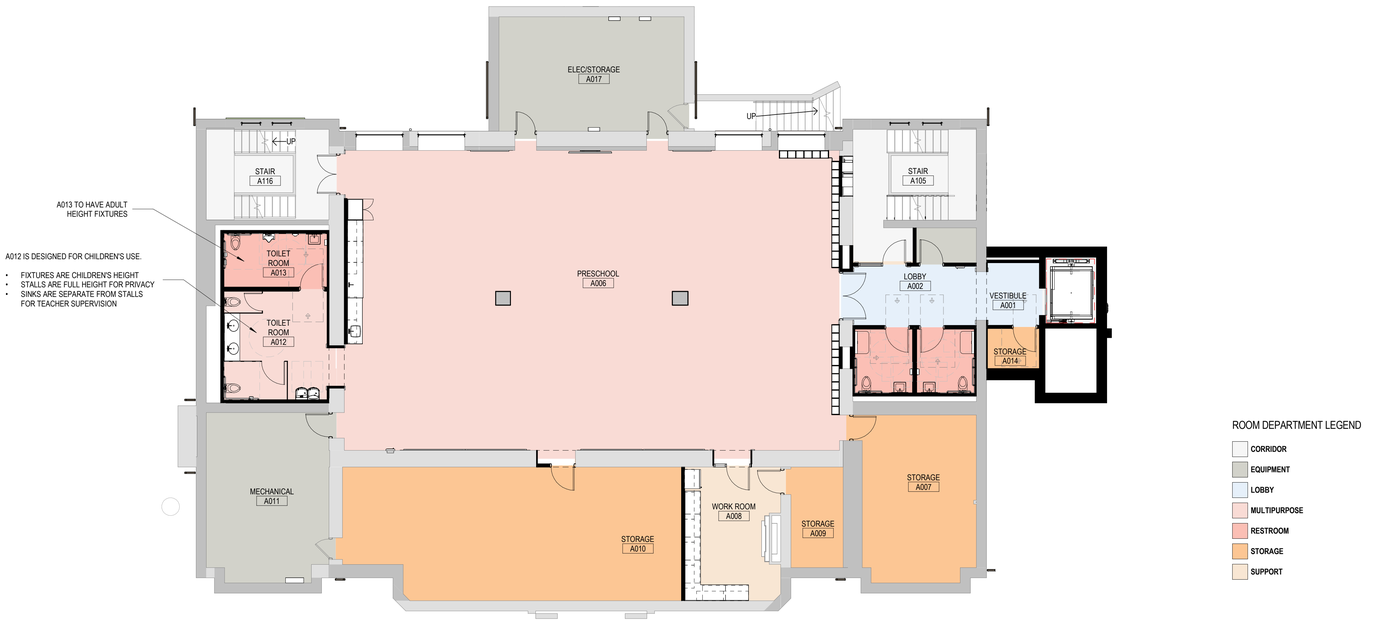
2 FIRST FLOOR PLAN

1/8" = 1'-0"



N

1 BASEMENT FLOOR PLAN

1/8" = 1'-0"

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630.961.1787

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	03/27/2025	PLAN COMMISSION REV 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Milner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

PROPOSED FLOOR PLANS - COMMUNITY BUILDING

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A2

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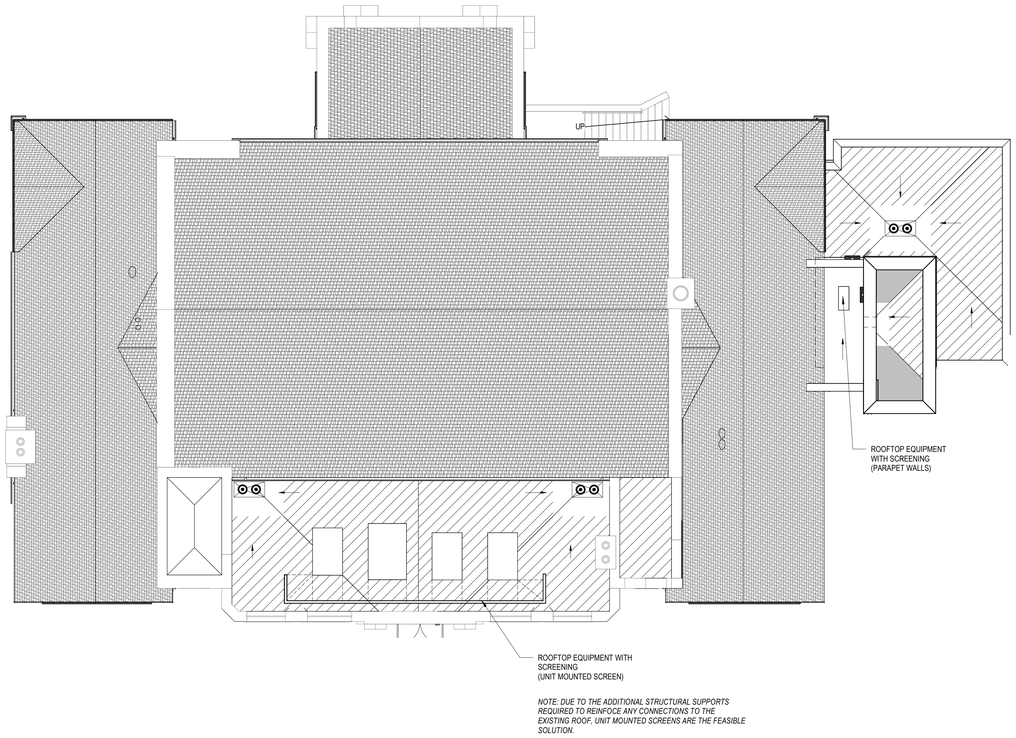

1 ROOF PLAN- DESIGN COMMISSION

1/8" = 1'-0"

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RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

PROPOSED ROOF PLAN - COMMUNITY BUILDING

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A3

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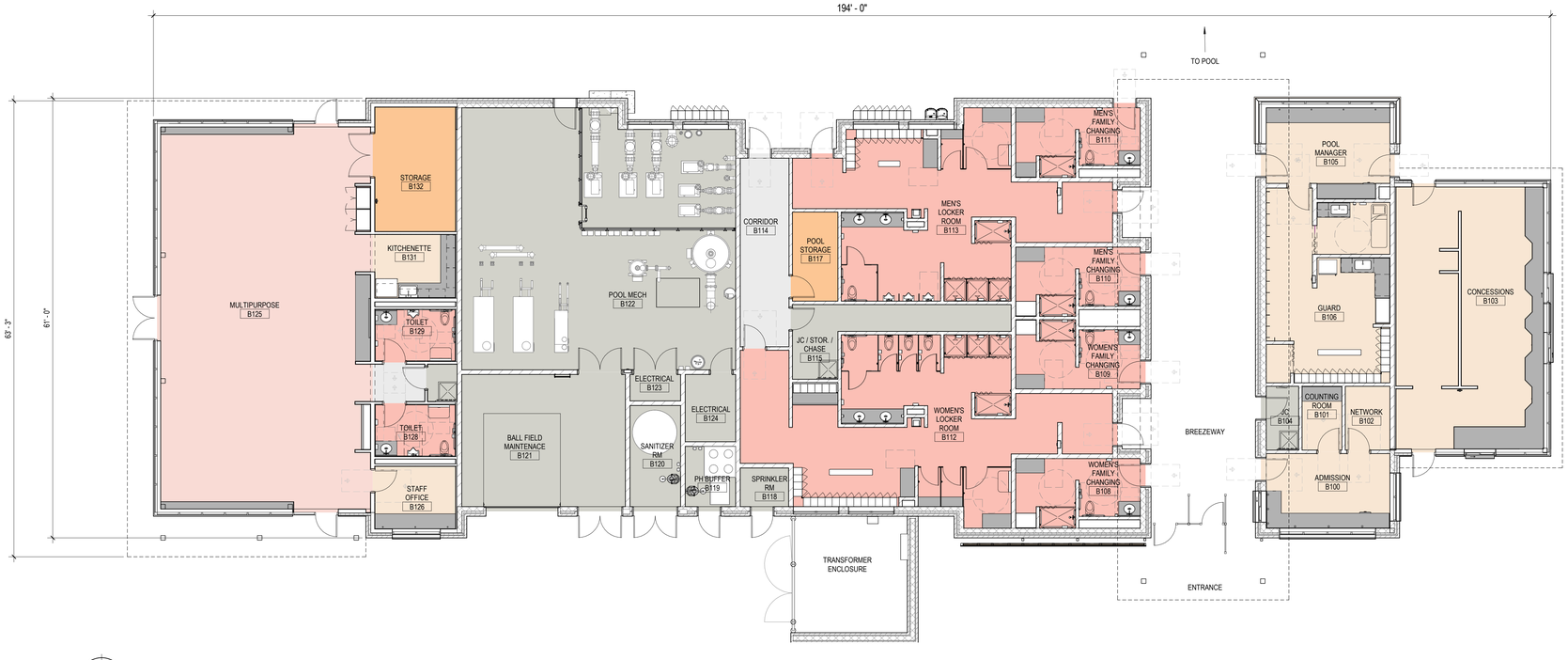
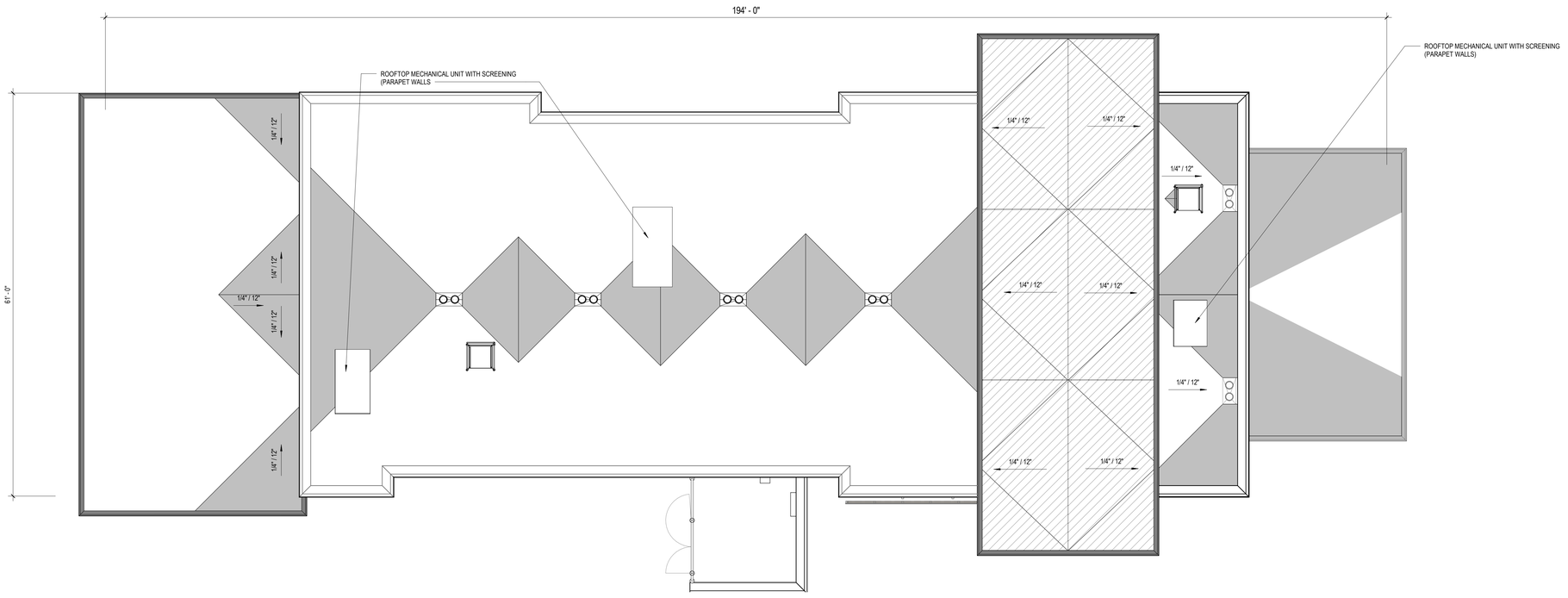


1 FLOOR PLAN
1/8" = 1'-0"



2 ROOF PLAN
1/8" = 1'-0"

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RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

PROPOSED FLOOR PLAN & ROOF PLAN- NEW BATHHOUSE

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1 **EXTERIOR ELEVATION - NORTH**
1/8" = 1'-0"



2 **EXTERIOR ELEVATION - SOUTH**
1/8" = 1'-0"



3 **EXTERIOR ELEVATION - EAST**
1/8" = 1'-0"



4 **EXTERIOR ELEVATION - WEST**
1/8" = 1'-0"











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	03/27/2025	PLAN COMMISSION REV 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

EXISTING ELEVATIONS- COMMUNITY BUILDING

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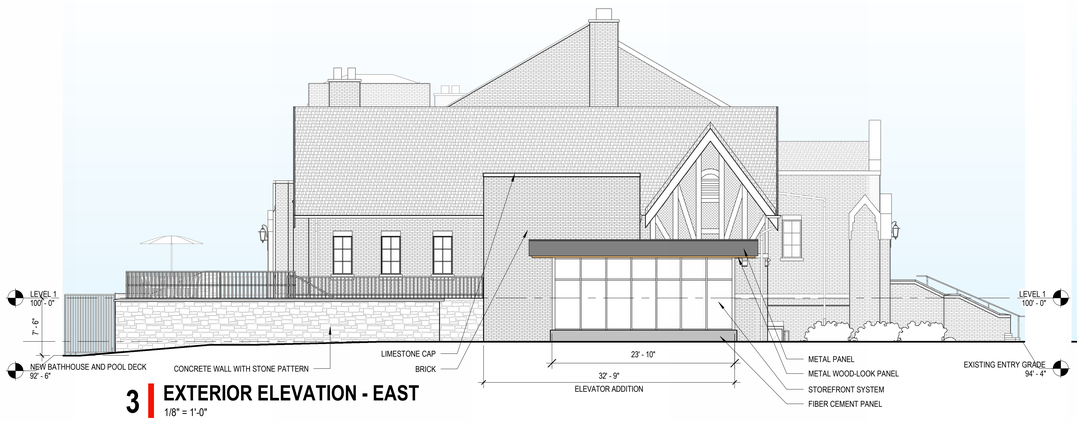
1 EXTERIOR ELEVATION - NORTH

1/8" = 1'-0"



2 EXTERIOR ELEVATION - SOUTH

1/8" = 1'-0"



3 EXTERIOR ELEVATION - EAST

1/8" = 1'-0"



4 EXTERIOR ELEVATION - WEST

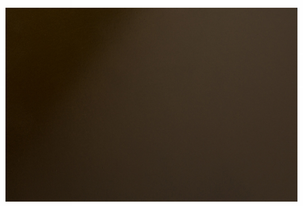
1/8" = 1'-0"



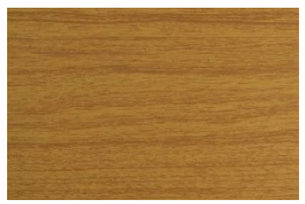
PROPOSED BRICK
BLEND 80% FLASHED RAGTEX AND 20% FLASHED BARTEX
(TO MATCH EXISTING)



PROPOSED STONE CAPS & BANDING
LIMESTONE
STANDARD, BUFF, SMOOTH



PROPOSED FIBER CEMENT PANEL
METAL PANEL & STOREFRONT -
DARK BRONZE



PROPOSED WOOD LOOK METAL PANEL
TAN TIMBER



PROPOSE CONCRETE WALL -
STONE PATTERN

NEW WINDOWS TO MATCH ORIGINAL WINDOWS

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LANDSCAPE
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630.961.1787

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	03/27/2025	PLAN COMMISSION REV 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
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PLAN COMMISSION

PROPOSED ELEVATIONS-COMMUNITY BUILDING

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1 BUILDING SECTION

1/8" = 1'-0"



2 BUILDING SECTION1

1/8" = 1'-0"

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RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

BUILDING SECTION- COMMUNITY BUILDING ADDITION

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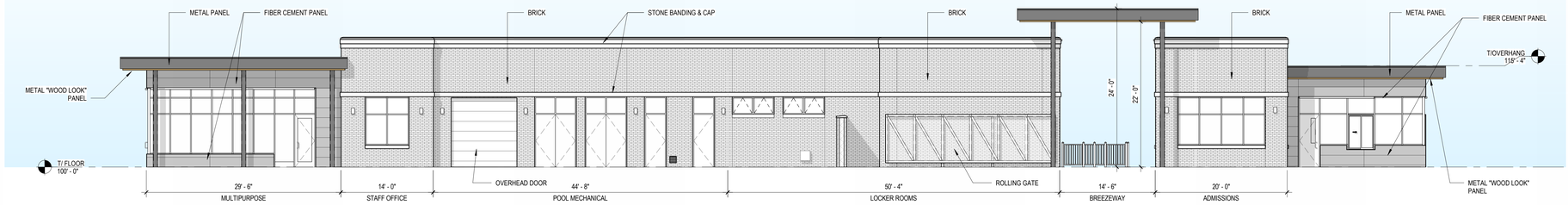
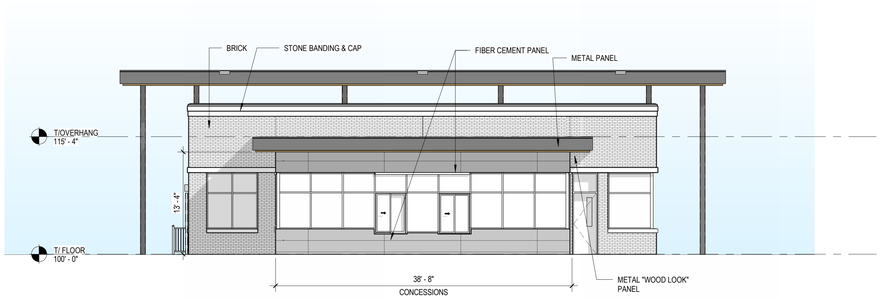
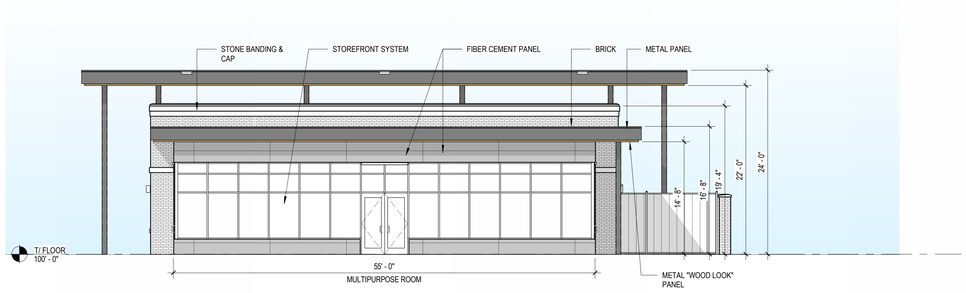


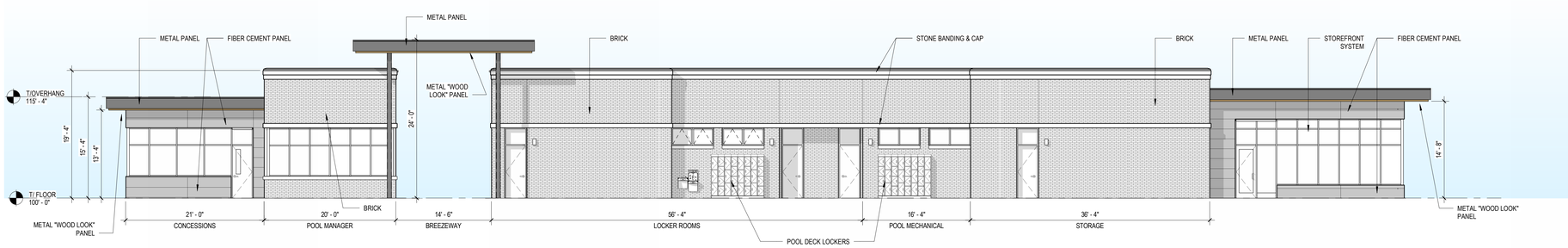
1 EAST ELEVATION
1/8" = 1'-0"



2 NORTH ELEVATION
1/8" = 1'-0"



3 SOUTH ELEVATION
1/8" = 1'-0"



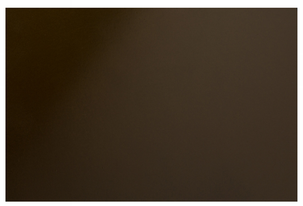
4 WEST ELEVATION
1/8" = 1'-0"



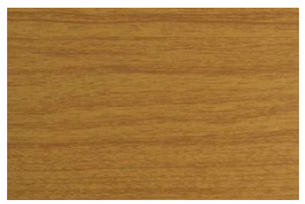
PROPOSED BRICK
BLEND 80% FLASHED RAGTEX AND 20% FLASHED BARTEX
(TO MATCH EXISTING)



PROPOSED STONE CAPS & BANDING
LIMESTONE
STANDARD, BUFF, SMOOTH



PROPOSED FIBER CEMENT PANEL
METAL PANEL & STOREFRONT -
DARK BRONZE



PROPOSED WOOD LOOK METAL PANEL
TAN TIMBER



PROPOSE CONCRETE WALL -
STONE PATTERN

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	1/10/24	DESIGN COMMISSION R1
	2/14/24	DESIGN COMMISSION R2
	02/24/2025	**PLAN COMMISSION**
	03/27/2025	**PLAN COMMISSION REV 1**

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
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PLAN COMMISSION

PROPOSED ELEVATIONS-
NEW BATHHOUSE

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BUILDING SECTION- NEW BATHHOUSE

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DESIGN INTENT

THE DESIGN INTENT FOR THE VESTIBULE AND ELEVATOR ADDITION TO THE HISTORIC COMMUNITY BUILDING IS TO CREATE A GLASS BOX WITH A BRICK TOWER THAT RELATES TO THE EXISTING HISTORIC COMMUNITY CENTER AND CELEBRATES NEW CONNECTION, CREATING A HIERARCHY FOR THE NEW MAIN AND ACCESSIBLE BUILDING ENTRANCE.

THE GLASS BOX PROVIDES TRANSPARENCY AND CONNECTION, WITH THE ENTRY VISIBLE AND GLOWING FROM THE CIRCLE DRIVE.

THE DARK METAL ROOF OVERHANG INCORPORATES A WOOD-LOOK PANEL FINISH ON THE UNDERSIDE OF CANOPY ADDING A LAYER OF DEPTH, DIMENSION AND WARMTH TO THE EXTERIOR FINISH PALETTE – WHICH TIES INTO THE AESTHETIC AND MATERIALITY APPLIED AT THE NEW BATHHOUSE, CREATING A COHESIVE CAMPUS DESIGN.



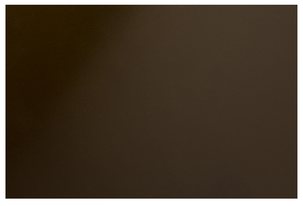




PROPOSED BRICK
BLEND 80% FLASHED RAGTEX AND 20% FLASHED BARTEX
(TO MATCH EXISTING)



PROPOSED STONE CAPS & BANDING
LIMESTONE
STANDARD, BUFF, SMOOTH



PROPOSED FIBER CEMENT PANEL
METAL PANEL & STOREFRONT -
DARK BRONZE



PROPOSED WOOD LOOK METAL PANEL
TAN TIMBER



PROPOSE CONCRETE WALL -
STONE PATTERN

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FIRM #184-000350

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	2/14/24	DESIGN COMMISSION R2
	02/24/2025	PLAN COMMISSION
	03/27/2025	PLAN COMMISSION REV 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 E. Miner Street, Arlington Heights, Illinois 60004

PLAN COMMISSION

RENDERING-
COMMUNITY BUILDING

SHEET NO. A8

JOB NO. 24-4036.01

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DESIGN INTENT

THE DESIGN INTENT FOR THE NEW BATHHOUSE BUILDING IS TO COMPLIMENT THE EXISTING HISTORICAL COMMUNITY BUILDING, AND CONNECT WITH THE LANGUAGE OF THE VESTIBULE AND ELEVATOR ADDITION.

INSPIRATION AND VISIONING FOR THE PARK DISTRICT BOARD OF COMMISSIONERS WAS DRAWN FROM THE EXISTING MID-CENTURY MODERN BATHHOUSE BEING REPLACED IN CONJUNCTION WITH A CONCEPT THAT EMPHASIZED A LARGE FLOATING CANOPY AND BREEZEWAY STRUCTURE.

CLEAN VOLUMES AND CONTINUITY WITH EXTERIOR MATERIALS, INCLUDING BRICK AND DARK BROWN PANELS, ARE UTILIZED TO CONNECT THE HISTORIC AND NEW AT THE PARK. A WOOD-LOOK PANEL FINISH ON THE UNDERSIDE OF THE BREEZEWAY AND CANOPIES ADDS A LAYER OF DEPTH, DIMENSION AND WARMTH TO THE EXTERIOR FINISH PALETTE. LIMESTONE ACCENTS PROVIDE AN ADDITIONAL CONNECTION TO THE EXISTING BUILDING.



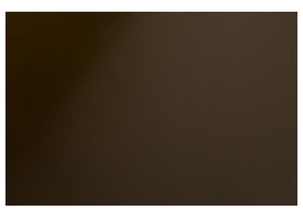




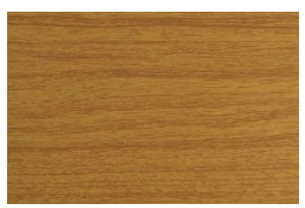
PROPOSED BRICK
BLEND 80% FLASHED RAGTEX AND 20% FLASHED BARTEX
(TO MATCH EXISTING)



PROPOSED STONE CAPS & BANDING
LIMESTONE
STANDARD, BUFF, SMOOTH



PROPOSED FIBER CEMENT PANEL
METAL PANEL & STOREFRONT -
DARK BRONZE



PROPOSED WOOD LOOK METAL PANEL
TAN TIMBER



PROPOSE CONCRETE WALL -
STONE PATTERN

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RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 E. Miner Street, Arlington Heights, Illinois 60004

DESIGN COMMISSION

RENDERING - NEW BATHHOUSE

SHEET NO. A9

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VIEW FROM POOL LOOKING NORTH



VIEW FROM BATHHOUSE LOOKING NORTH



VIEW FROM THE POOL LOOKING EAST

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	03/27/2025	**PLAN COMMISSION REV 1**

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
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ADDITIONAL RENDERINGS

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VIEW OF MULTI-PURPOSE ROOM IN BATHHOUSE



VIEW OF BATHHOUSE ENTRY BREEZEWAY



VIEW OF EAST ELEVATION OF BATHHOUSE

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	03/27/2025	**PLAN COMMISSION REV 1**

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VIEW FROM PARK LOOKING NORTH EAST

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EXHIBIT E

LANDSCAPE PLANS PHASE II

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Recreation Park - Phase 2

500 E Miner Street
Arlington Heights, IL 60004

Arlington Heights Park District

410 N. Arlington Heights Road
Arlington Heights, Illinois 60004

Issue for Bid & Permit

April 16, 2025

Project Team

Landscape Architect Sheets: L-series
Hitchcock Design Group
22 East Chicago Avenue, Suite 200A
Naperville, Illinois 60540
T 630.961.1787

License Number: 157.001035

Expiration Date: 08.31.2025

Civil Engineer Sheets C-series
Eriksson Engineering Associates, Ltd.
135 S. Jefferson St., Suite 135
Chicago, IL 60661
T 312.463.0551

License Number: 062.072792

Expiration Date: 11.30.2025

Electrical Engineer Sheets E-series
Nova Engineering, PC
2338 Cline Ave.
Schererville, Indiana 46375
T 219.865.3352

License Number: 062.051720

Expiration Date: 11.30.2025

General Notes

1. Basemap information obtained from plans prepared by Norman J. Toberman and Associates received February 24, 2022.
2. Verify site conditions and information on drawings. Promptly report any concealed conditions, mistakes, discrepancies or deviations from the information shown in the Contract Documents. The Owner is not responsible for unauthorized changes or extra work required to correct unreported discrepancies.
3. Secure and pay for permits, fees and inspections necessary for the proper execution of this work. Comply with codes applicable to this work.
4. Refer to specifications for additional conditions, standards and notes.
5. The plans and specifications are intended to be completed entirely by the contractor. Unless clearly identified as "By Owner," all work contained within is the responsibility of the general contractor.

Project Location Map

NORTH





Sheet Index

L-Series

L1.0	Existing Conditions Plan
L1.1	Existing Conditions Plan- North
L1.2	Existing Conditions Plan- South
L2.0	Site Preparation and Removals Plan
L2.1	Site Preparation and Removals Plan- North
L2.2	Site Preparation and Removals Plan- South
L2.3	Tree Removals and Preservation Plan
L3.0	Layout and Materials Plan
L3.1	Layout and Materials Plan- North
L3.2	Layout and Materials Plan- South
L4.0	Planting Plan
L4.1	Planting Plan- North
L4.2	Planting Plan- South
L5.0-L5.9	Details

C-Series

C0.1	Civil Notes and Titlesheet
C0.2	Civil Notes and Legends
C0.3	Existing Topographic Conditions
C1.1	Site Demolition Plan - North
C1.2	Site Demolition Plan - South
C2.1	Site Utility Plan - North
C2.2	Site Utility Plan - South
C2.3	Site Utility Plan - Enlarged - Pool Area
C3.1	Grading Plan - North
C3.2	Grading Plan - South
C3.3	Grading Plan - Enlarged - Pool Area
C4.1	SESC Plan - North
C4.2	SESC Plan - South
C5.0 - C5.3	Civil Site Work Details

E-Series

E1.0	Electrical Partial Site Plan
E2.0	Electrical Details
E3.0	Electrical Schedule

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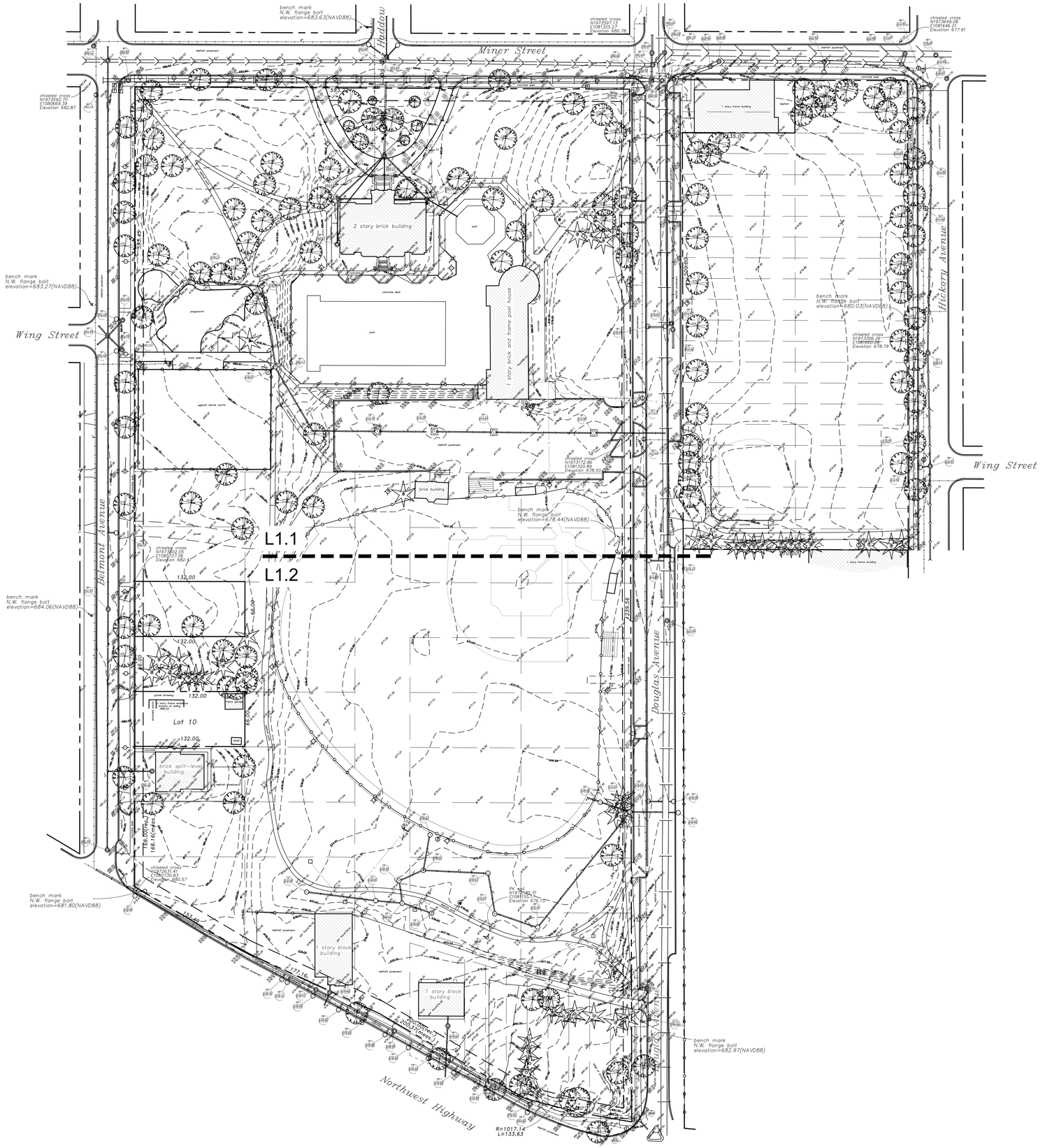

Legend

- telephone manhole
- water valve
- utility pedestal
- traffic signal pole
- water service b-box
- monitor well
- drinking fountain
- manhole
- utility pole
- catch basin
- light
- fire hydrant
- boundry
- 10' setback
- fence
- combined sewer
- storm sewer
- water line
- sanitary sewer

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SHEET TITLE
Existing Conditions Plan

SCALE IN FEET
1" = 60'

0' 30' 60' 180'

NORTH

SHEET NUMBER
L1.0

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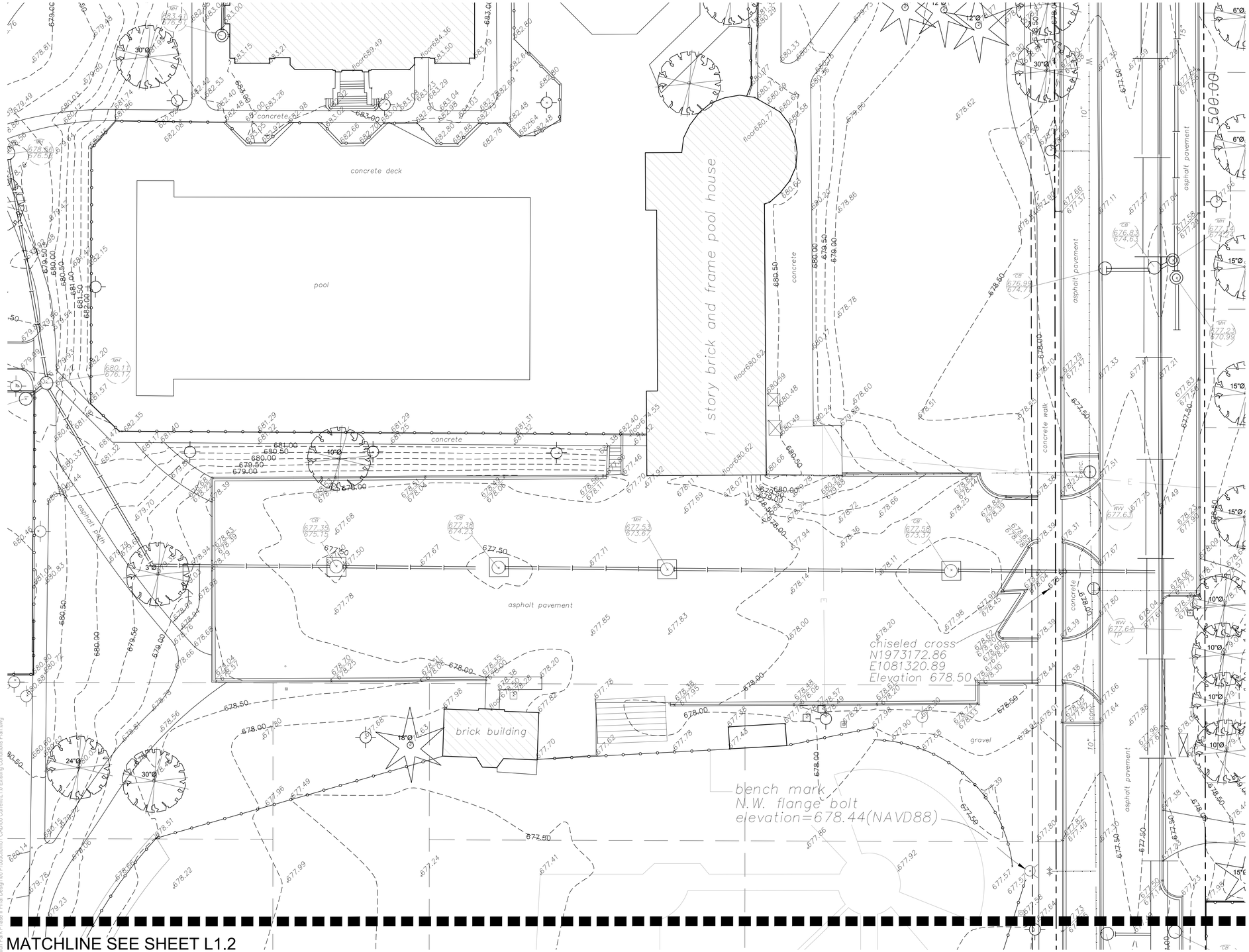

Legend

- telephone manhole
- water valve
- utility pedestal
- traffic signal pole
- water service b-box
- monitor well
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SHEET TITLE
Existing Conditions Plan- North

SCALE IN FEET
1" = 20'

0' 10' 20' 60'

NORTH

SHEET NUMBER
L1.1

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MATCHLINE SEE SHEET L1.1



Legend

- telephone manhole
- water valve
- utility pedestal
- traffic signal pole
- water service b-box
- monitor well
- drinking fountain
- manhole
- utility pole
- catch basin
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SHEET TITLE
Existing Conditions Plan- South

SCALE IN FEET
1" = 20'
0' 10' 20' 60'

NORTH

SHEET NUMBER
L1.2

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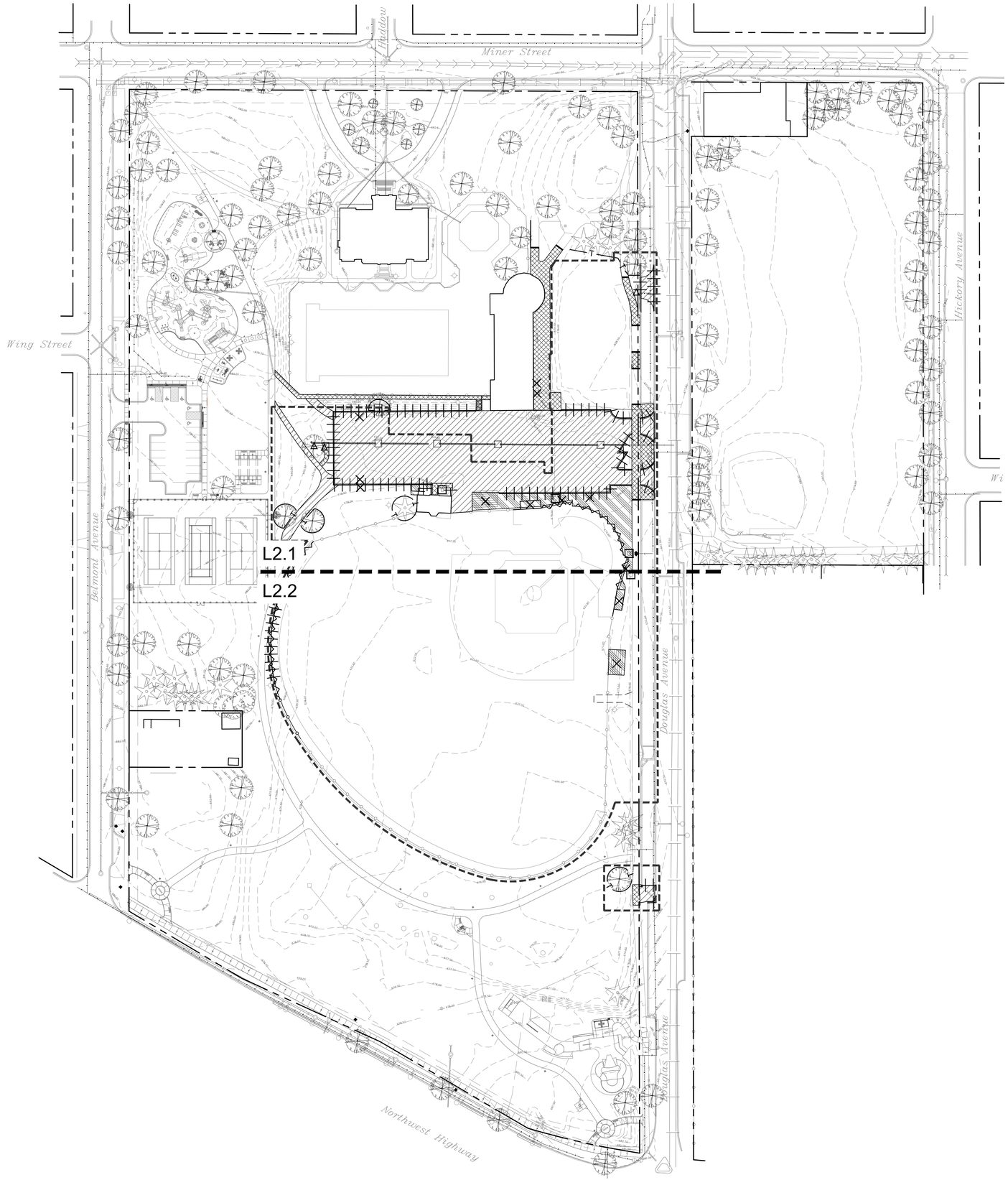

SITE PREPARATION AND REMOVALS NOTES

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4. Sawcut and remove concrete paving to nearest joint where indicated. All saw cuts required for removal items to be included in the unit cost of that particular pay item.
5. Tree stumps shall be ground to a minimum depth of 18" below existing grade or as required to properly perform the work.
6. Remove and dispose of turf where planting beds are designated. Refer to Planting Plan for limits of proposed landscape improvements.
7. Where turf or plantings are proposed in existing paved areas, remove all base material.
8. Remove all utilities designated for removal to extent required for improvements, unless otherwise noted. Cap ends of any remaining underground conduit and piping, and pull all electrical wire out at source.
9. Items indicated for Removal shall include complete removal of above grade item and below grade appurtances (foundations, urban fill, wiring, piping, etc.) including disposal off-site following applicable codes and ordinances, unless otherwise shown on the plans.
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13. Contractor shall coordinate all work so public sidewalk remains open throughout construction.
14. Refer to civil and electrical plans for additional utility adjustments and removals.
15. Refer to specifications for additional conditions, standards and notes.

SITE PREPARATION AND REMOVALS LEGEND

- Remove and dispose concrete paving and gravel base. Remove subgrade material as needed.
- Remove and dispose asphalt paving and gravel base. Remove subgrade material as needed.
- Remove lawn, gravel, and miscellaneous subgrade material as needed.
- Tree Protection Fence
- Item to be relocated
- Item to be removed
- Curb to be removed
- Limit of sawcut
- Project Limit Line

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PREPARED FOR
Arlington Heights Park District
410 N Arlington Heights Road
Arlington Heights, Illinois 60004

PROJECT
Recreation Park - Phase 2
500 E. Miner Street
Arlington Heights, Illinois 60004

CONSULTANTS
Civil Engineer
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Electrical Engineer
Nova Engineering, PC
2338 Cline Ave.
Schererville, Indiana 46375
T 219.865.3352

Issue for Bid & Permit
April 16, 2025

REVISIONS

No	Date	Issue

CHECKED BY
ARH / MGM

DRAWN BY
MDM / CNO

SHEET TITLE
Site Preparation and Removals Plan

SCALE IN FEET
1" = 60'

0' 30' 60' 180'

NORTH

SHEET NUMBER
L2.0

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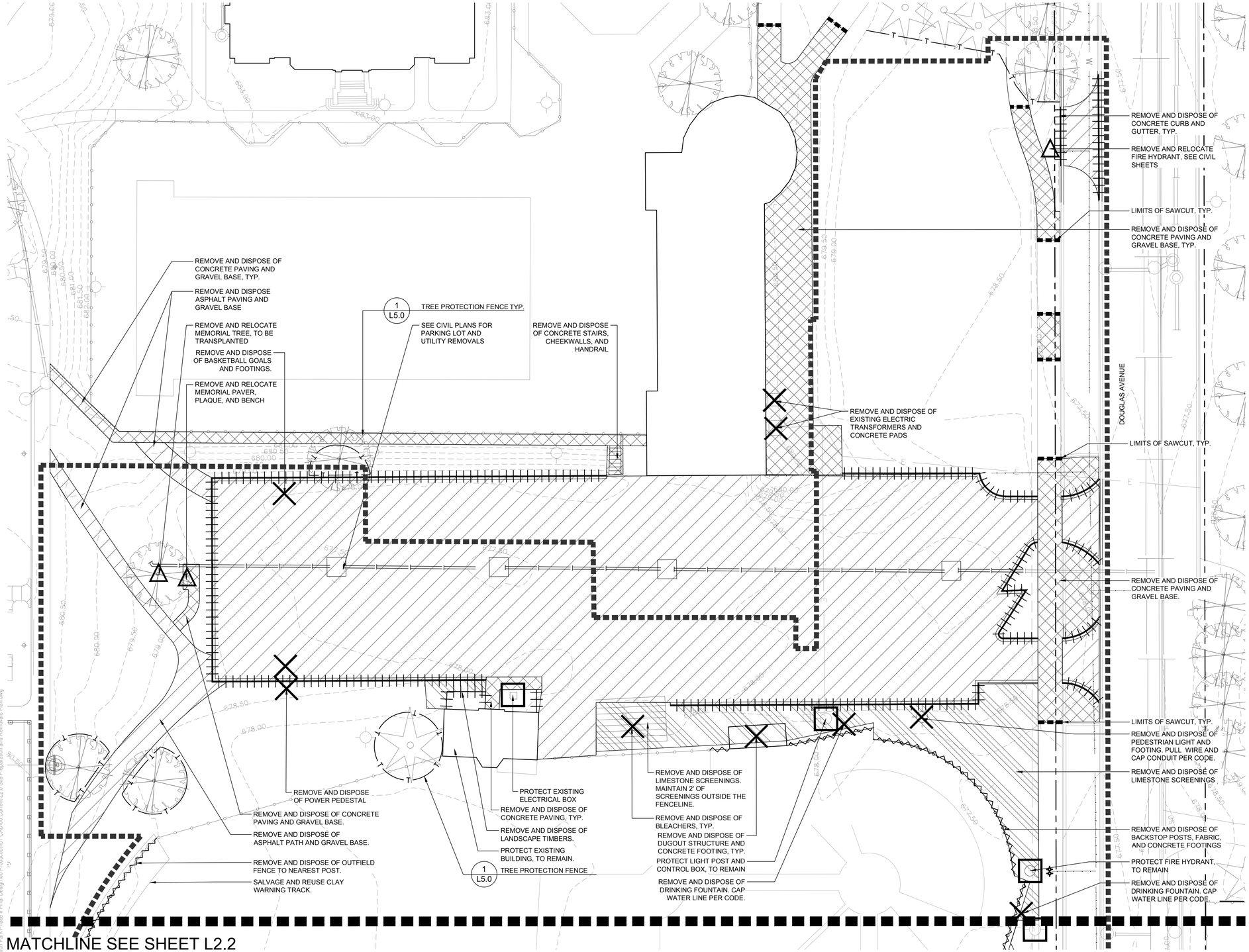

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CHECKED BY ARH / MGM
DRAWN BY MDM / CNO

SHEET TITLE
Site Preparation and Removals Plan- North

SCALE IN FEET
1" = 20'
0' 10' 20' 60'

NORTH

SHEET NUMBER
L2.1

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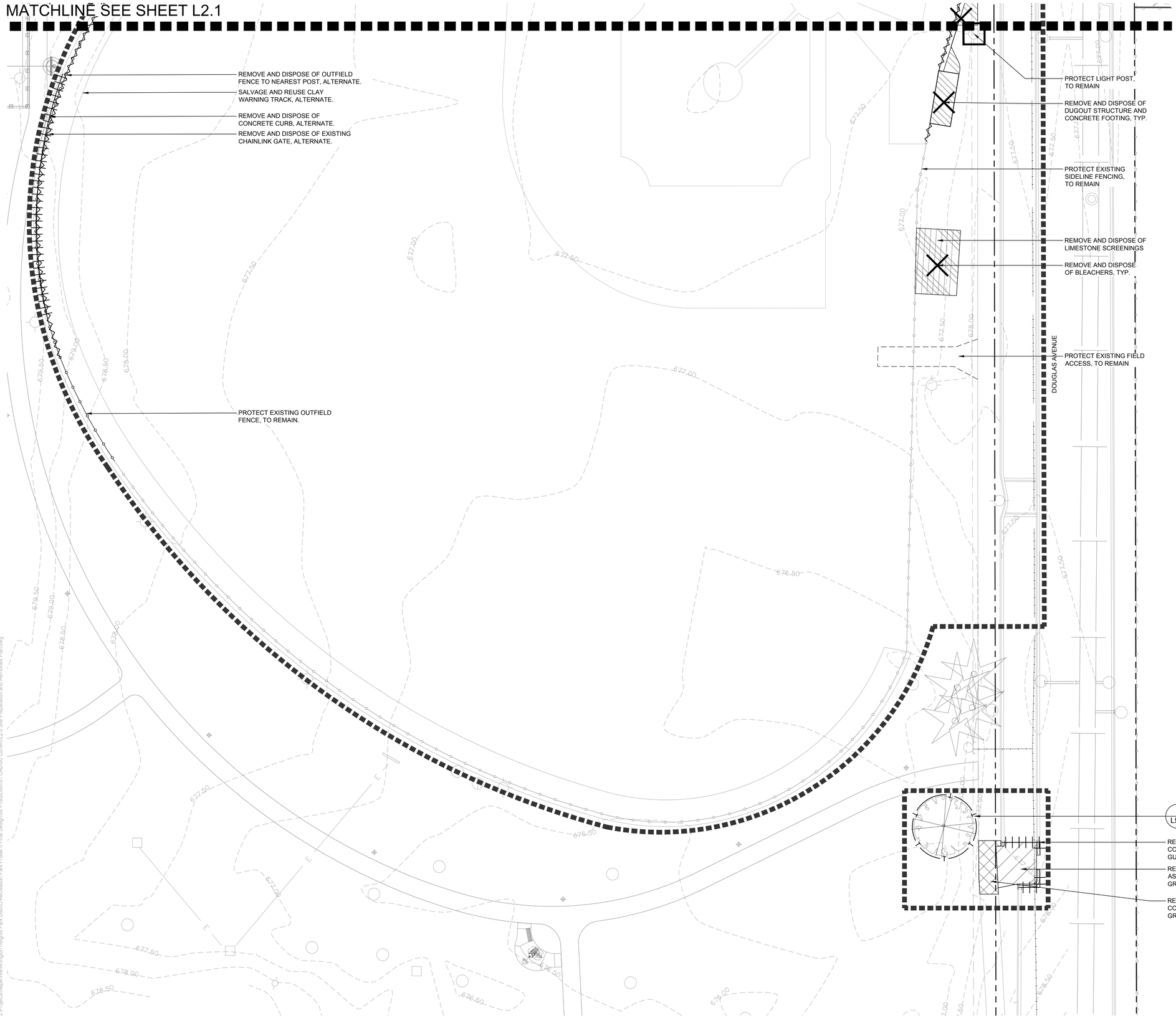

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April 16, 2025

REVISIONS

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DRAWN BY MDM / CNO

SHEET TITLE
Site Preparation and Removals Plan- South

SCALE IN FEET
1" = 20'
0' 10' 20' 60'

NORTH

SHEET NUMBER
L2.2

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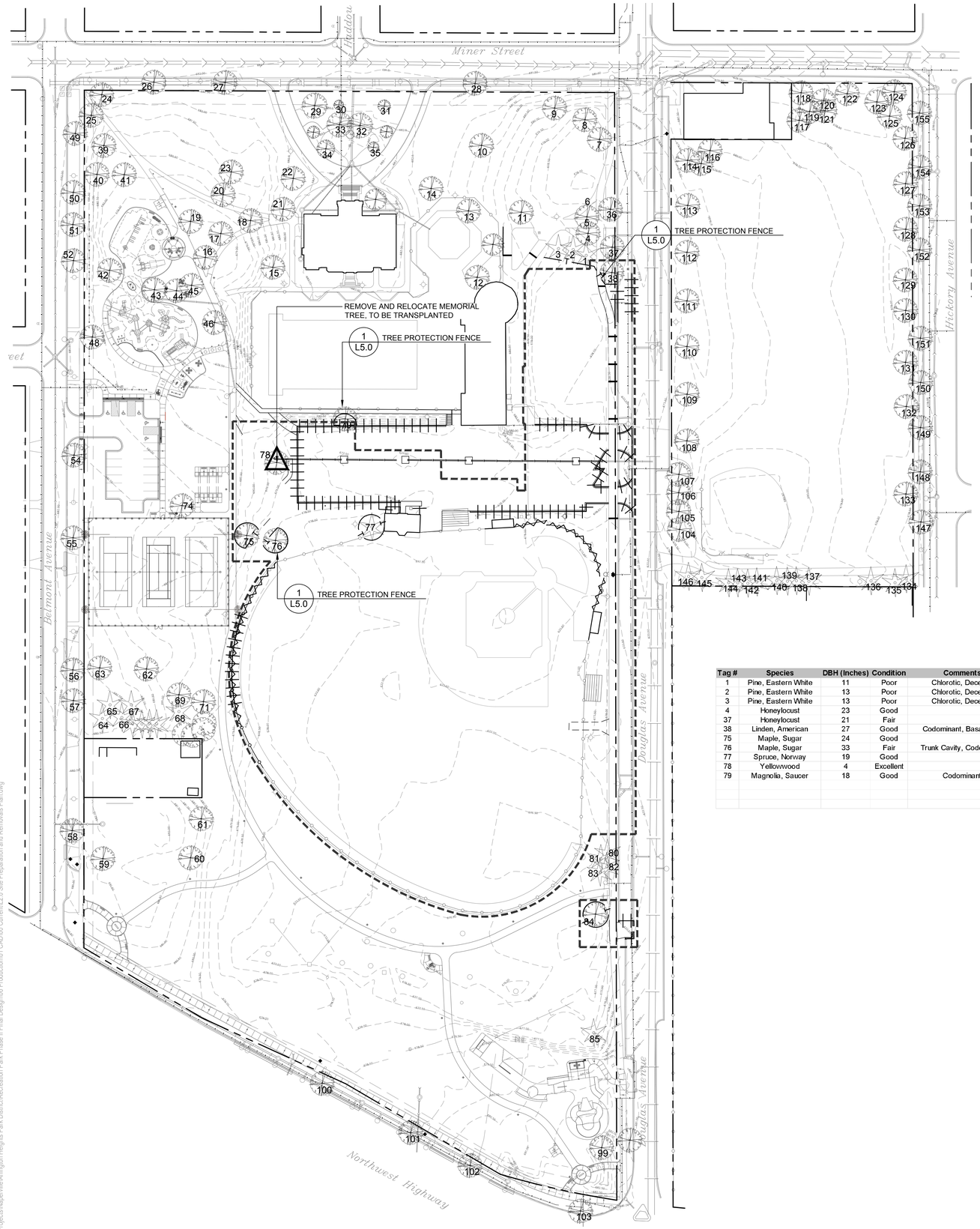

Tag #	Species	DBH (Inches)	Condition	Comments	Remove / Protect	Maintenance During Construction	Replacement Qty.
1	Pine, Eastern White	11	Poor	Chlorotic, Deceline	Protect	Tree protection fence	
2	Pine, Eastern White	13	Poor	Chlorotic, Deceline	Protect	Tree protection fence	
3	Pine, Eastern White	13	Poor	Chlorotic, Deceline	Protect	Tree protection fence	
4	Honeylocust	23	Good		Protect	Tree protection fence	
37	Honeylocust	21	Fair		Protect	Tree protection fence	
38	Linden, American	27	Good	Codominant, Basal Scar	Protect	Tree protection fence	
75	Maple, Sugar	24	Good		Protect	Tree protection fence	
76	Maple, Sugar	33	Fair	Trunk Cavity, Codominant	Protect	Tree protection fence	
77	Spruce, Norway	19	Good		Protect	Tree protection fence	
78	Yellowwood	4	Excellent		Relocate	Remove and transplant	
79	Magnolia, Saucer	18	Good	Codominant	Protect	Tree protection fence	
						REQUIRED REPLACEMENT QUANTITY	**0**
						PROVIDED REPLACEMENT QUANTITY	**4**
						*Poor Quality trees not included in tree replacements	

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Issue for Bid & Permit
April 16, 2025

REVISIONS

No	Date	Issue

CHECKED BY ARH / MGM
DRAWN BY MDM / CNO

SHEET TITLE
Tree Removals and Preservation Plan

SCALE IN FEET
1" = 60'

0' 30' 60' 180'

NORTH

SHEET NUMBER
L2.3

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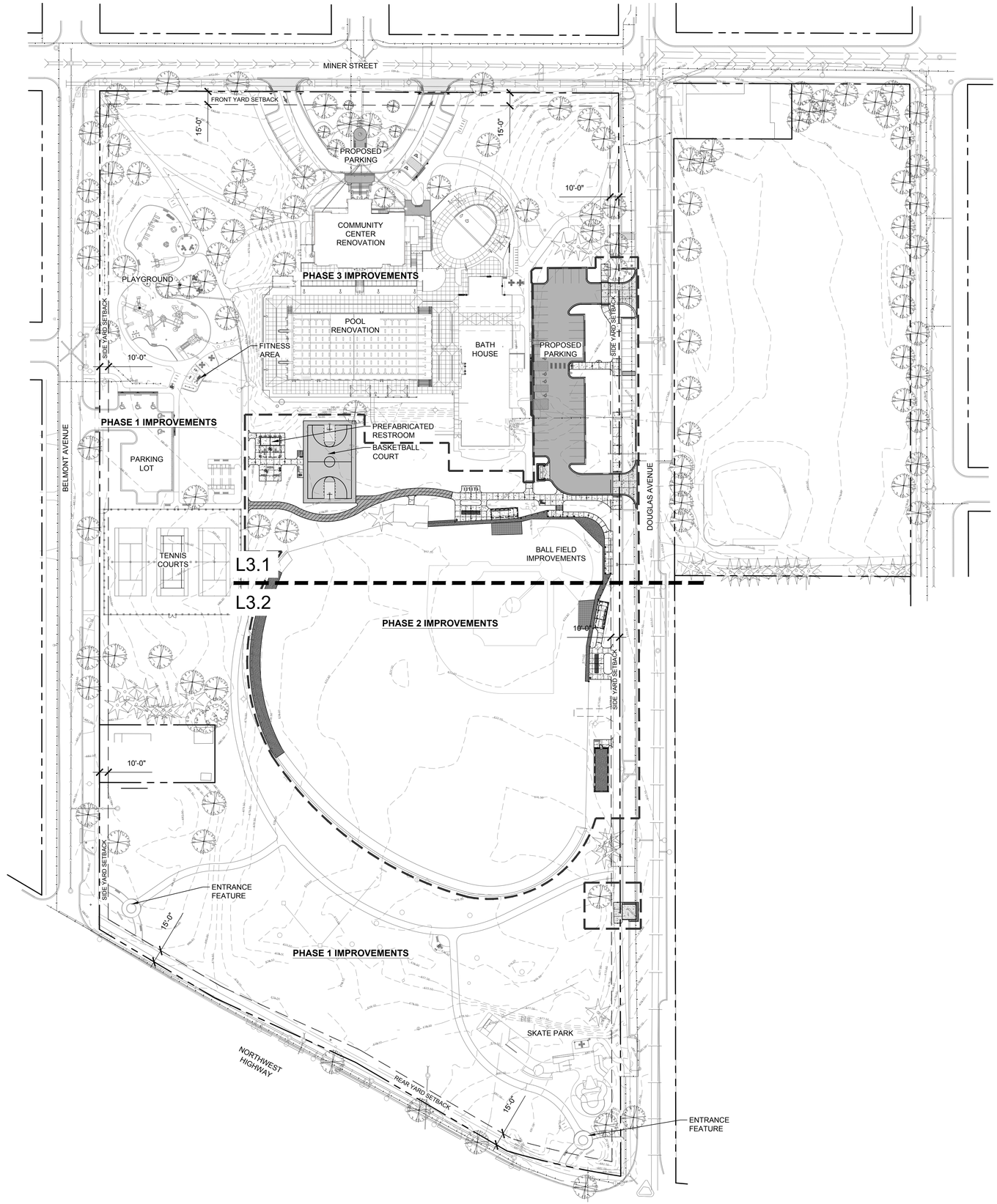

LAYOUT NOTES

1. Contractor responsible for field layout of all new improvements. Digital files of geometric information will be provided upon request in AutoCAD format. No additional payment will be made for adjustments necessary to construct the work as drawn.
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3. Contractor responsible to maintain all layout stakes during construction. No additional payment will be made to replace layout stakes.
4. Place stakes at edges of sport courts, fields, limits of playground, shelter, and every 25 feet on center along centerline of all pathways for review by the Owner's Representative prior to earthwork operations.
5. All walls are dimensioned to Face of Wall unless otherwise noted.
6. All dimensions from roadway are from Back of Curb unless otherwise noted.
7. All curves and radii to be smooth and not segmented.
8. Contractor to provide layout stakes every 10 feet minimum for large arcs where radius points are not accessible.
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13. Contractor will maintain use zone requirements within soft surfacing; no use zone will overlap or be tangent unless noted. Adjust playground barrier curb and/or adjacent paving as needed to accommodate play equipment fall zones.
14. Coordinate location of storm line with playground footings and obtain Owner's approval prior to installation.
15. Layout of soft surface shall be verified in field by landscape architect.
16. Refer to specifications for additional conditions, standards and notes.
17. All improvements to comply with 2018 Illinois Accessibility Code.

LAYOUT LEGEND

- Expansion Joint
- Asphalt Paving - Vehicular
- Asphalt Paving - Pedestrian
- Sport Court Paving A
- Sport Court Paving B
- Concrete Paving - Pedestrian
- Concrete Paving - Vehicular
- Salvage and re-spread infield mix as needed to fill low areas. Assume 6" depth.
- Project Limit Line

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SHEET TITLE
Layout and Materials Plan

SCALE IN FEET
1" = 60'
0' 30' 60' 180'

NORTH

SHEET NUMBER
L3.0

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PHASE 3 IMPROVEMENTS

ROMTEC RESTROOM BUILDING, SEE PLANS. MASONRY BRICK VENEER AND SHINGLES TO BE PROVIDED BY CONTRACTOR AND MATCH PROPOSED BUILDINGS

PICNIC TABLE, TYP.

4 L5.0 CONCRETE PAVING - PEDESTRIAN

MEMORIAL BENCH

ADA PARKING SIGN, SEE CIVIL.

PARKING BUMPER 5 L5.1

DETECTABLE WARNING 8 L5.0

ACCESSIBLE PARKING STALL 4 L5.1

MAINTENANCE DRIVE STRIPING, INCLUDE "NO PARKING" LETTERING.

DUMPSTER ENCLOSURE ENLARGEMENT 6 L5.2

VEHICULAR CONCRETE PAVING, SEE CIVIL

7 L5.2 BIKE RACK ENLARGEMENT

8 L5.1 MEMORIAL PAVER ENLARGEMENT

2 L5.2 SPORT COURT PAVING

3 L5.2 BASKETBALL LAYOUT

GAME TABLE, TYP.

BENCH, TYP.

CRUSHED STONE PAVING 3 L5.3

BLEACHERS / SPECTATOR AREA

PLAYERS BENCH

DUGOUT ENLARGEMENT 2 L5.6

FENCING / NETTING PLAN 1 L5.5

SALVAGE AND RE-SPREAD INFIELD MIX AS NEEDED TO FILL LOW AREAS. ASSUME 6" DEPTH.

CHAINLINK FENCE - 8' HEIGHT 2 L5.4

DRINKING FOUNTAIN 5 L5.2

CONCRETE STAIRS 7 L5.0

CRUSHED STONE PAVING 3 L5.3

EXISTING SPORTS LIGHT, TO REMAIN.

1 L5.1 ASPHALT PAVING - PEDESTRIAN

CONNECT TO NEAREST EXISTING FENCE POST

1 L5.6 CHAINLINK OUTFIELD FENCE - 10' HEIGHT, ALTERNATE

7 L5.6 WARNING TRACK - ALTERNATE

3 L5.0 CONTROL JOINT

8 L5.0 DETECTABLE WARNING

VEHICULAR CONCRETE PAVING, SEE CIVIL

CONCRETE CURB, SEE CIVIL

DEPRESSED CURB, SEE CIVIL

2 L5.0 EXPANSION JOINT

8 L5.2 INTERPRETIVE SIGN

DOUGLAS AVENUE

10'-0" SETBACK

3 L5.0 CONTROL JOINT TYP.

2 L5.0 EXPANSION JOINT TYP.

8 L5.0 DETECTABLE WARNING

VEHICULAR ASPHALT PAVING, SEE CIVIL

VEHICULAR CONCRETE PAVING, SEE CIVIL

DEPRESSED CURB, SEE CIVIL

3 L5.3 CRUSHED STONE PAVING

4 L5.0 CONCRETE PAVING - PEDESTRIAN

1 L5.2 BACKSTOP - NETTING

MATCHLINE SEE SHEET L3.2

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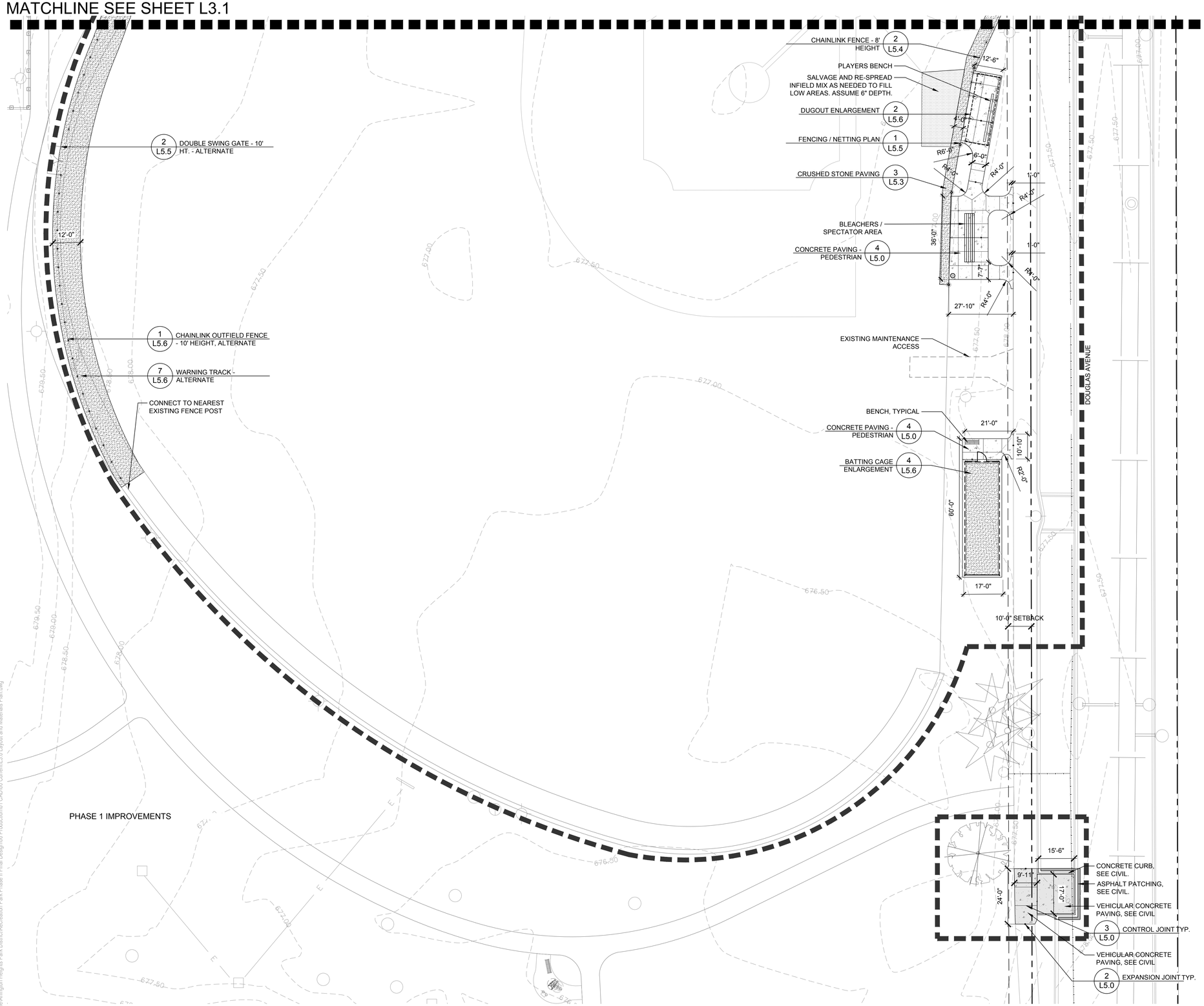

LAYOUT NOTES

1. Contractor responsible for field layout of all new improvements. Digital files of geometric information will be provided upon request in AutoCAD format. No additional payment will be made for adjustments necessary to construct the work as drawn.
2. Contractor responsible to coordinate work in order to obtain approval of all layout by Owners Representative prior to construction. No additional payment will be made to correct work if constructed incorrectly without pre-approval by Owners Representative.
3. Contractor responsible to maintain all layout stakes during construction. No additional payment will be made to replace layout stakes.
4. Place stakes at edges of sport courts, fields, limits of playground, shelter, and every 25 feet on center along centerline of all pathways for review by the Owner's Representative prior to earthwork operations.
5. All walls are dimensioned to Face of Wall unless otherwise noted.
6. All dimensions from roadway are from Back of Curb unless otherwise noted.
7. All curves and radii to be smooth and not segmented.
8. Contractor to provide layout stakes every 10 feet minimum for large arcs where radius points are not accessible.
9. Adjustment to stake locations due to discrepancies between coordinates and dimensions is incidental to the contract. No additional payments will be made for this work.
10. All roadway widths are measured from edge of pavement to edge of pavement unless otherwise shown on the plans.
11. Contractor responsible to take delivery, assemble and install all materials and furnishings per manufacturer's instructions.
12. Place control and expansion joints as shown on plans and details for all curbs, walks, walls, steps, and concrete paving. Where joints are not shown, place control joints a maximum of 10 feet on center, expansion joints a maximum of 30 feet on center, and between all separate pours.
13. Contractor will maintain use zone requirements within soft surfacing; no use zone will overlap or be tangent unless noted. Adjust playground barrier curb and/or adjacent paving as needed to accommodate play equipment fall zones.
14. Coordinate location of storm line with playground footings and obtain Owner's approval prior to installation.
15. Layout of soft surface shall be verified in field by landscape architect.
16. Refer to specifications for additional conditions, standards and notes.
17. All improvements to comply with 2018 Illinois Accessibility Code.

LAYOUT LEGEND

- Expansion Joint
- Asphalt Paving - Vehicular
- Asphalt Paving - Pedestrian
- Sport Court Paving A
- Sport Court Paving B
- Concrete Paving - Pedestrian
- Concrete Paving - Vehicular
- Salvage and re-spread infield mix as needed to fill low areas. Assume 6" depth.
- Project Limit Line

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T 219.865.3352

Issue for Bid & Permit
April 16, 2025

REVISIONS

No	Date	Issue

CHECKED BY ARH / MGM
DRAWN BY MDM / CNO

SHEET TITLE
Layout and Materials Plan- South

SCALE IN FEET
1" = 20'
0' 10' 20' 60'

NORTH

SHEET NUMBER
L3.2

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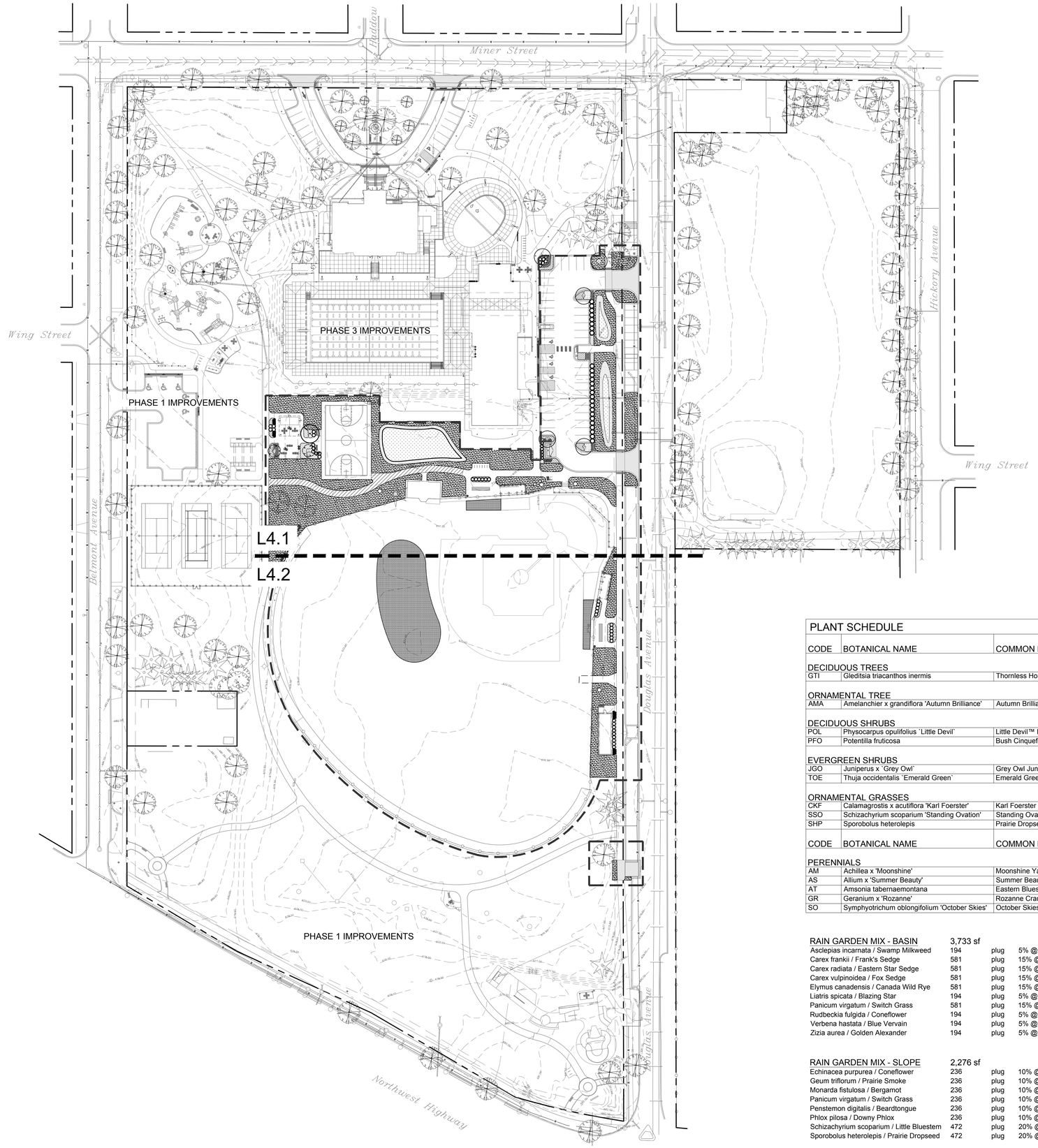

PLANTING NOTES

1. Seed limit line is approximate. Seed/Sod to limits of grading and disturbance. Contractor responsible for restoration of any unauthorized disruption outside of designated construction area.
2. Contractor responsible for erosion control in all seeded areas.
3. Tree mulch rings in turf areas are 5 foot diameter, typical. Contractor shall provide a mulch ring around all existing trees within the limit of work. Remove all existing grass from area to be mulched and provide a typical v-trench edge.
4. Bedlines are to be spade cut to a minimum depth of 3 inches unless otherwise shown on the plans. Curved bedlines are to be smooth and not segmented.
5. Do not locate plants within 10' of utility structures, or within 5' horizontally of underground utility lines unless otherwise shown on the plans. Consult with Landscape Architect if these conditions exist.
6. Plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn and specified. No additional payments will be made for materials required to complete the work as drawn and specified.
7. Refer to specifications for additional conditions, standards and notes.

PLANTING LEGEND

- Shade Tree, typical. See detail for Installation.
- Ornamental Tree, typical. See detail for installation.
- Evergreen Tree, typical. See detail for installation.
- Shrub, typical. See detail for installation.
- Perennial, Groundcover and Annual, typical. See detail for installation.
- Turf Seed
- Re-grade to eliminate low areas. Top dress and seed.
- Project Limit Line

PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER		QTY
DECIDUOUS TREES						
GTI	Gleditsia triacanthos inermis	Thornless Honey Locust	4" Cal	B&B		5
ORNAMENTAL TREE						
AMA	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	8` Ht. Multi-Stem	B&B		2
DECIDUOUS SHRUBS						
POL	Physocarpus opulifolius `Little Devil`	Little Devil™ Dwarf Ninebark	-	5 Gal.		10
PFO	Potentilla fruticosa	Bush Cinquefoil	-	5 Gal.		35
EVERGREEN SHRUBS						
JGO	Juniperus x `Grey Owl`	Grey Owl Juniper	-	5 Gal.		26
TOE	Thuja occidentalis `Emerald Green`	Emerald Green Arborvitae	6` Ht.	B&B		6
ORNAMENTAL GRASSES						
CKF	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	-	1 Gal.		21
SSO	Schizachyrium scoparium 'Standing Ovation'	Standing Ovation Little Bluestem	-	1 Gal.		30
SHP	Sporobolus heterolepis	Prairie Dropseed	-	1 Gal.		86
CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	QTY
PERENNIALS						
AM	Achillea x 'Moonshine'	Moonshine Yarrow		1 Gal.	18" o.c.	69
AS	Allium x 'Summer Beauty'	Summer Beauty Ornamental Onion		1 Gal.	18" o.c.	156
AT	Amsonia tabernaemontana	Eastern Bluestar		1 Gal.	24" o.c.	33
GR	Geranium x 'Rozanne'	Rozanne Cranesbill		1 Gal.	18" o.c.	323
SO	Symphyotrichum oblongifolium 'October Skies'	October Skies Fall Aster		1 Gal.	24" o.c.	52

RAIN GARDEN MIX - BASIN	3,733 sf		
Asclepias incarnata / Swamp Milkweed	194	plug	5% @ 12" o.c.
Carex frankii / Frank's Sedge	581	plug	15% @ 12" o.c.
Carex radiata / Eastern Star Sedge	581	plug	15% @ 12" o.c.
Carex vulpinoidea / Fox Sedge	581	plug	15% @ 12" o.c.
Elymus canadensis / Canada Wild Rye	581	plug	15% @ 12" o.c.
Liatris spicata / Blazing Star	194	plug	5% @ 12" o.c.
Panicum virgatum / Switch Grass	581	plug	15% @ 12" o.c.
Rudbeckia fulgida / Coneflower	194	plug	5% @ 12" o.c.
Verbena hastata / Blue Vervain	194	plug	5% @ 12" o.c.
Zizia aurea / Golden Alexander	194	plug	5% @ 12" o.c.

RAIN GARDEN MIX - SLOPE	2,276 sf		
Echinacea purpurea / Coneflower	236	plug	10% @ 12" o.c.
Geum triflorum / Prairie Smoke	236	plug	10% @ 12" o.c.
Monarda fistulosa / Bergamot	236	plug	10% @ 12" o.c.
Panicum virgatum / Switch Grass	236	plug	10% @ 12" o.c.
Penstemon digitalis / Beardtongue	236	plug	10% @ 12" o.c.
Phlox pilosa / Downy Phlox	236	plug	10% @ 12" o.c.
Schizachyrium scoparium / Little Bluestem	472	plug	20% @ 12" o.c.
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REVISIONS

No	Date	Issue

CHECKED BY ARH / MGM
DRAWN BY MDM / CNO

SHEET TITLE
Planting Plan

SCALE IN FEET
1" = 60'
0' 30' 60' 180'

NORTH

SHEET NUMBER
L4.0

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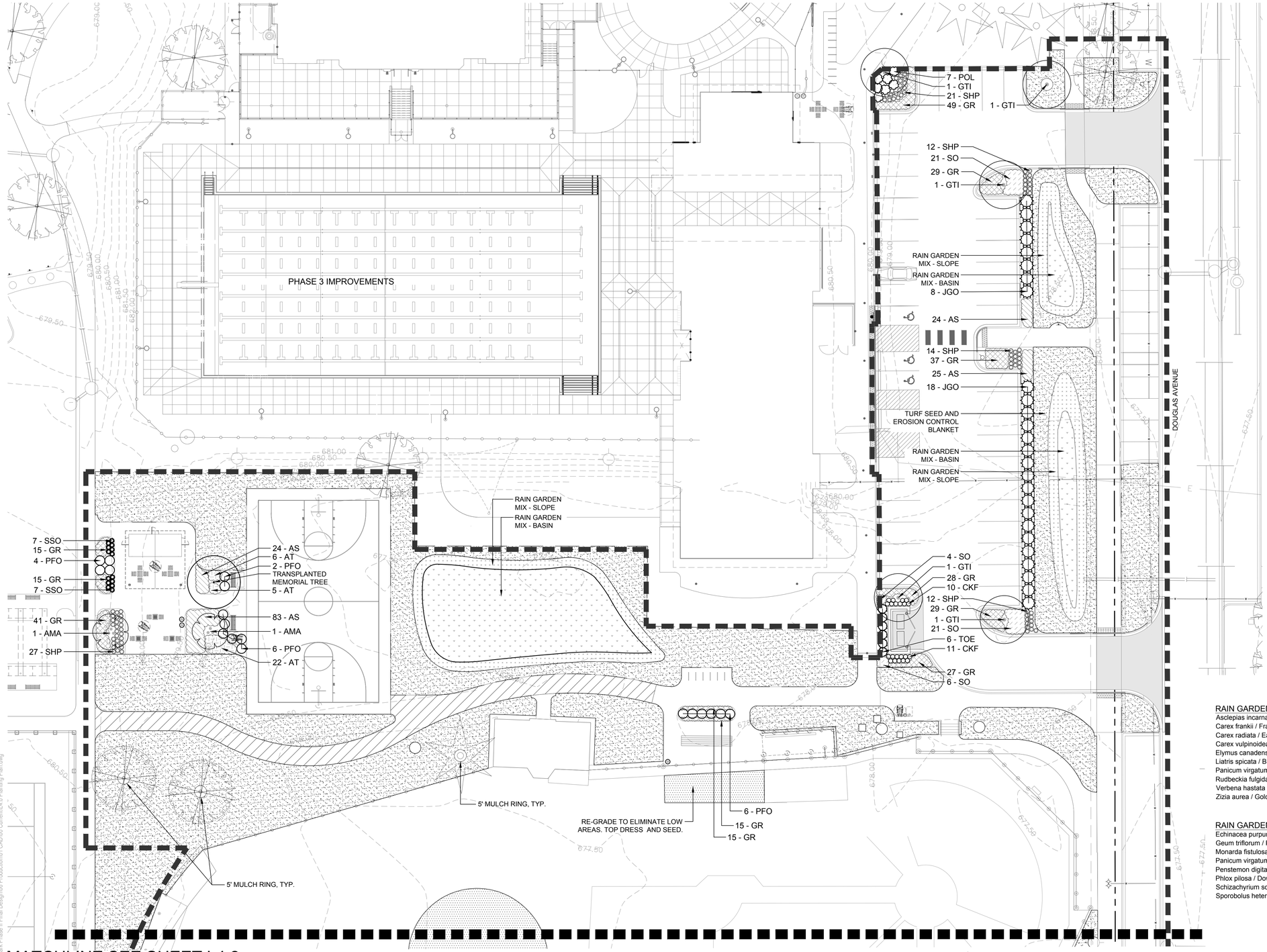

MATCHLINE SEE SHEET L4.2

PLANTING NOTES

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Issue for Bid & Permit
April 16, 2025

REVISIONS

No	Date	Issue

CHECKED BY ARH / MGM
DRAWN BY MDM / CNO

SHEET TITLE
Planting Plan- North

SCALE IN FEET
1" = 20'
0' 10' 20' 60'

NORTH

SHEET NUMBER
L4.1

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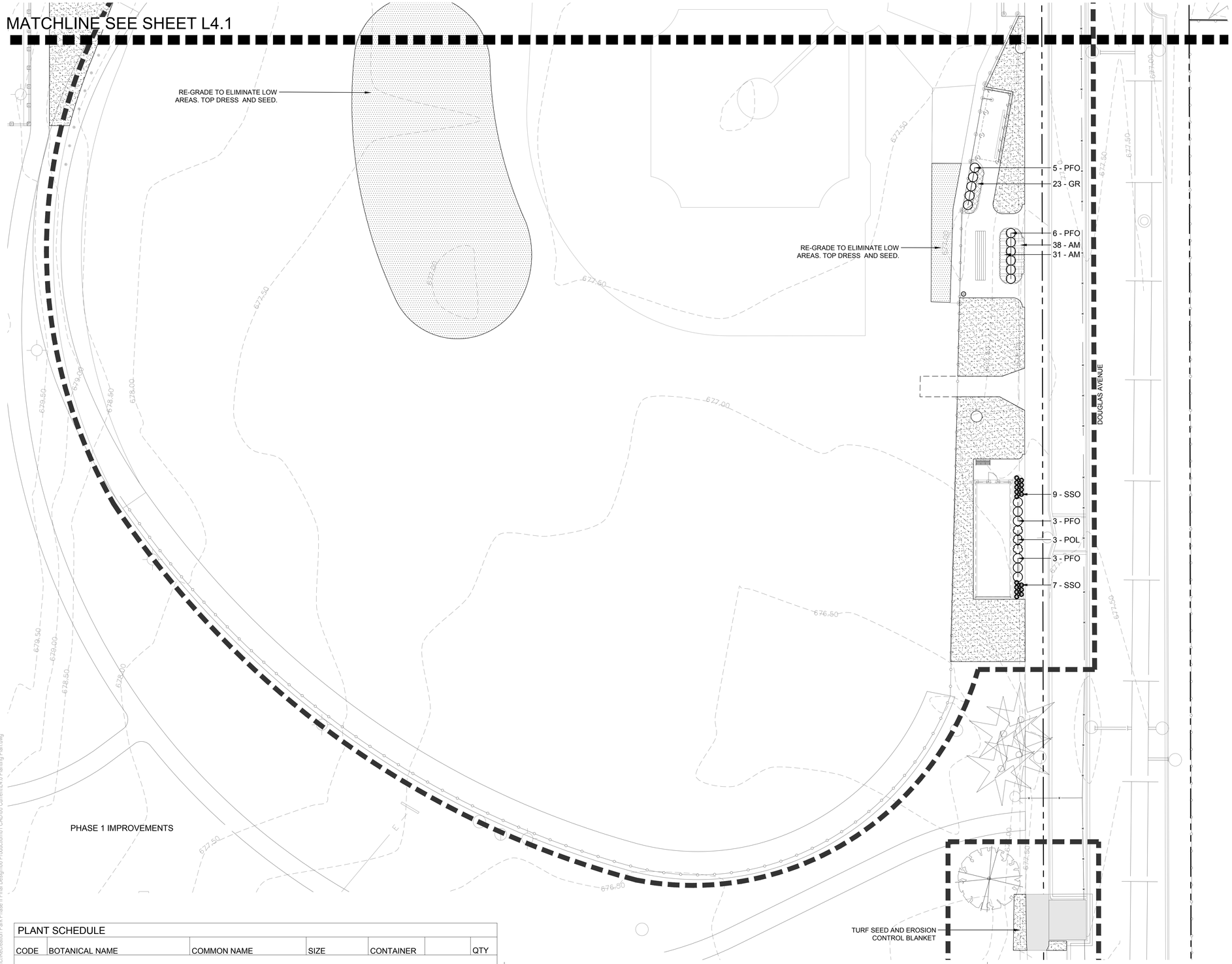

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SHEET TITLE
Planting Plan-South

SCALE IN FEET
1" = 20'
0' 10' 20' 60'

NORTH

SHEET NUMBER
L4.2

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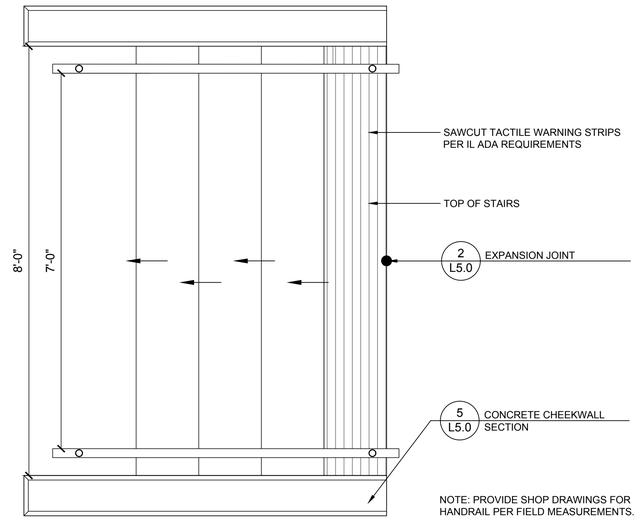
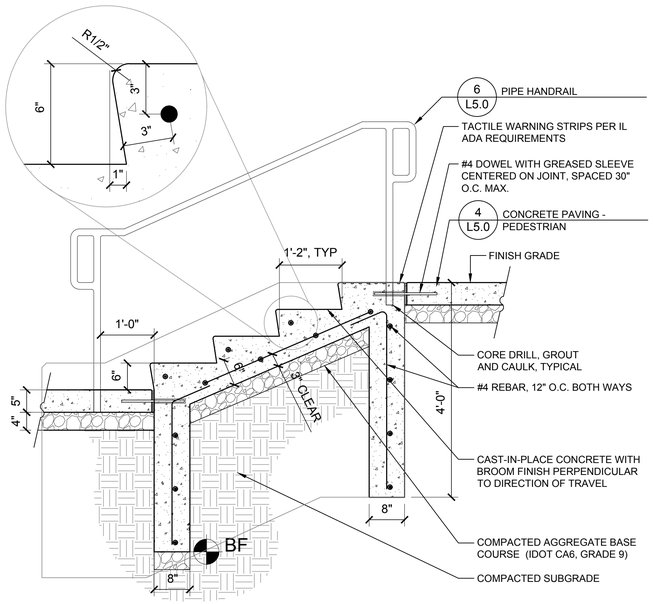
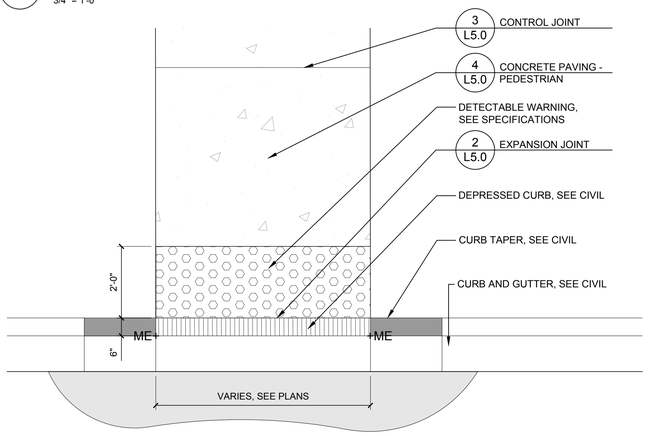




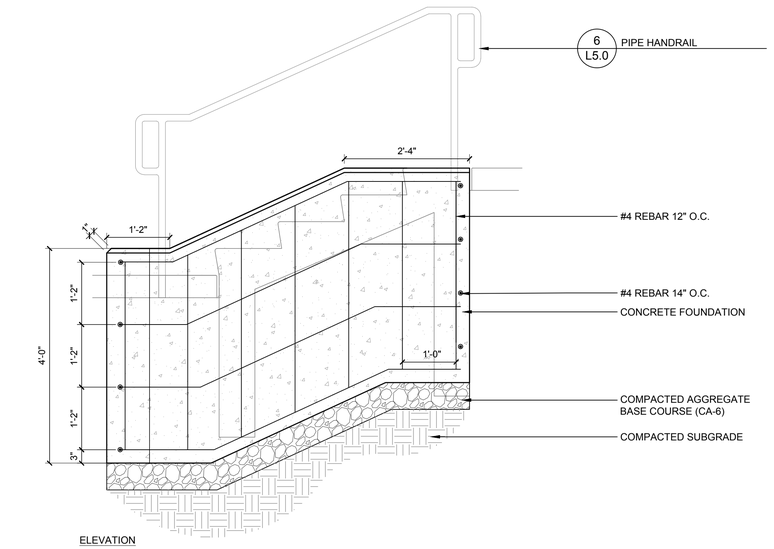
7 CONCRETE STAIRS

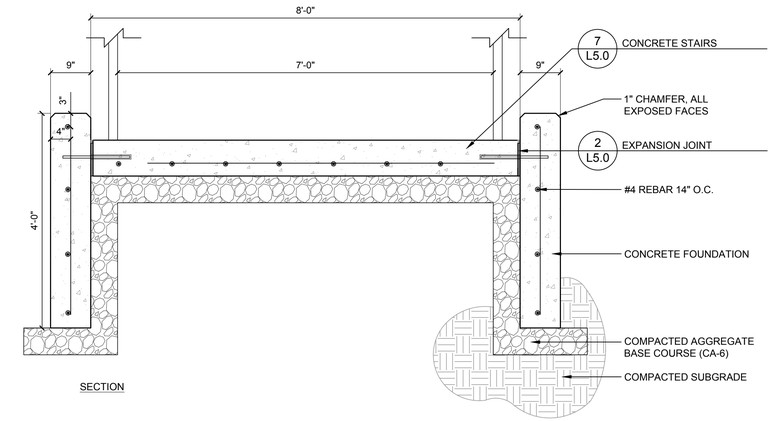
3/4" = 1'-0"



8 DETECTABLE WARNING

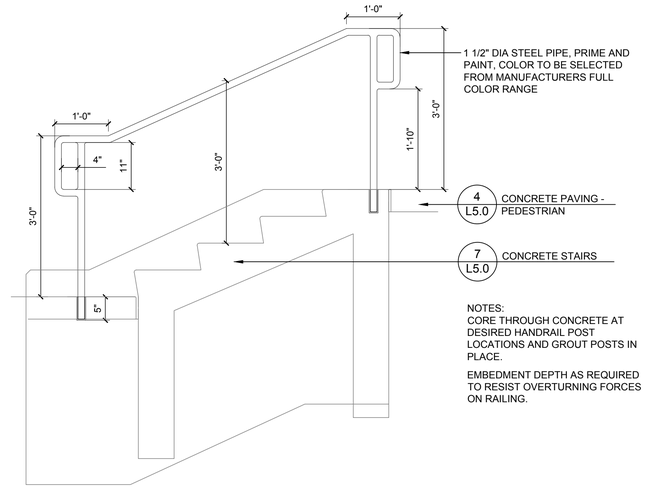
1/2" = 1'-0"





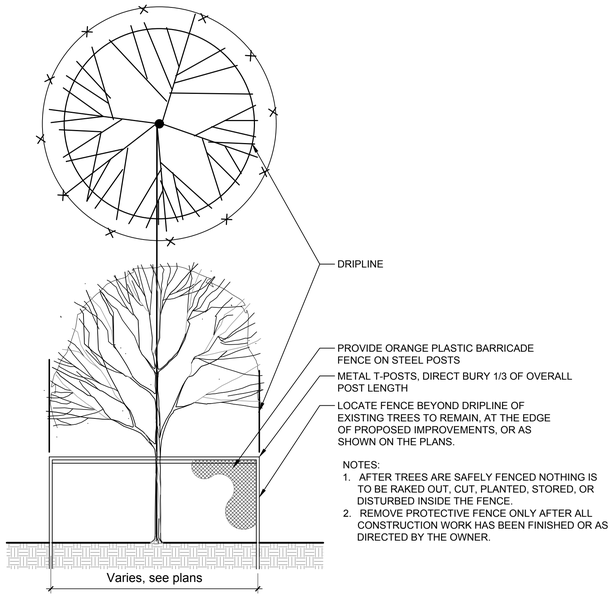
5 CONCRETE CHEEKWALL SECTION

3/4" = 1'-0"



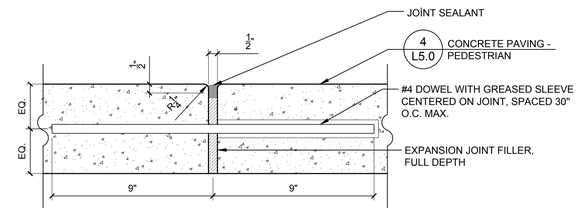
6 PIPE HANDRAIL

3/4" = 1'-0"



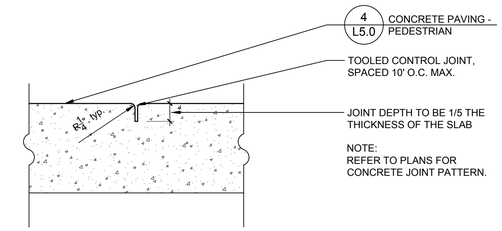
1 TREE PROTECTION FENCE

1/2" = 1'-0"



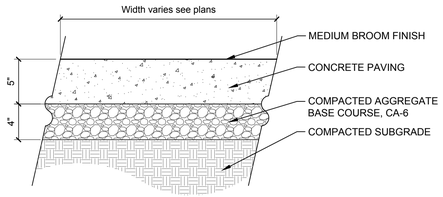
2 EXPANSION JOINT

3" = 1'-0"



3 CONTROL JOINT

3" = 1'-0"



4 CONCRETE PAVING - PEDESTRIAN

1 1/2" = 1'-0"

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Arlington Heights, Illinois 60004

PROJECT
Recreation Park - Phase 2
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Arlington Heights, Illinois 60004

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SHEET TITLE
Details

SCALE IN FEET
as noted

NORTH

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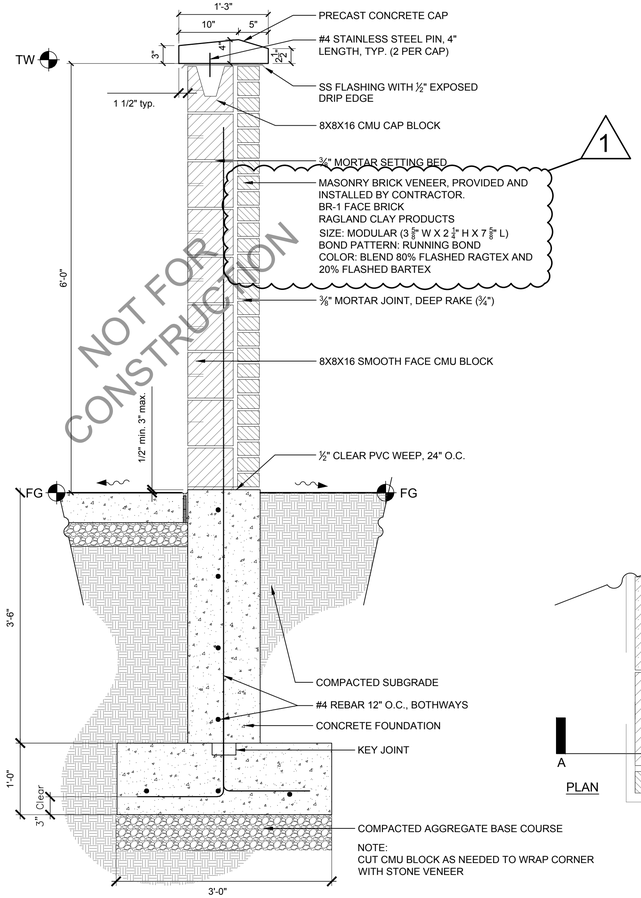
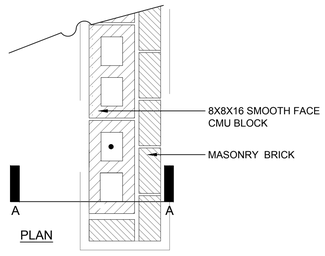
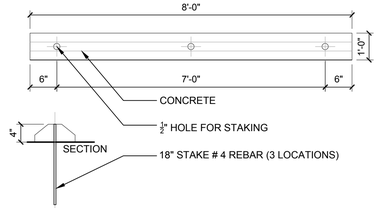


9 DUMPSTER ENCLOSURE WALL SECTION

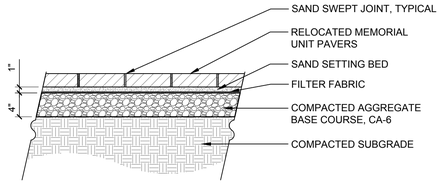
1" = 1'-0"





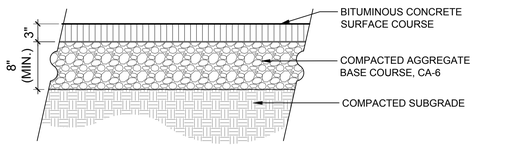
5 PARKING BUMPER

3/4" = 1'-0"



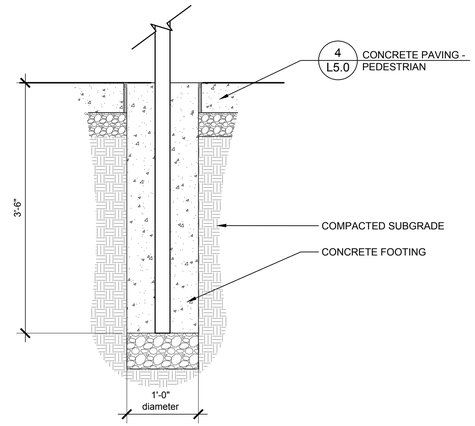
6 RELOCATED MEMORIAL PAVERS

1" = 1'-0"



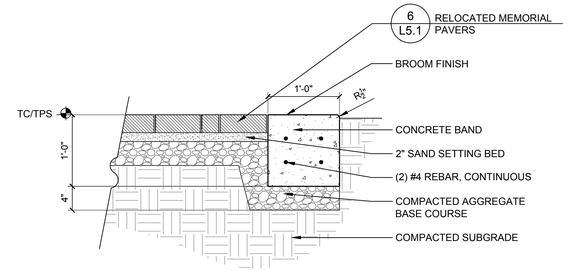
1 ASPHALT PAVING - PEDESTRIAN

1" = 1'-0"



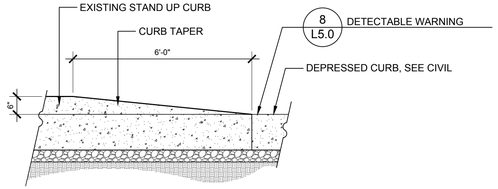
2 FENCE FOOTING

1" = 1'-0"



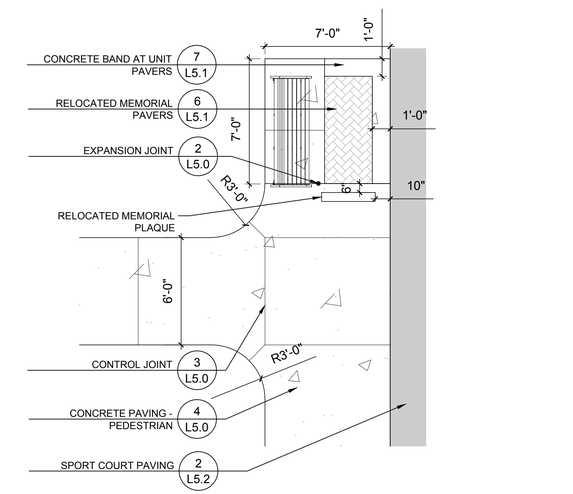
7 CONCRETE BAND AT UNIT PAVERS

1" = 1'-0"



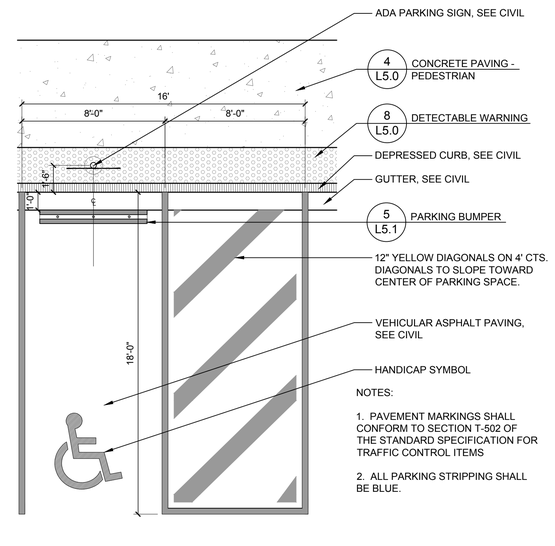
3 CURB TAPER

1/2" = 1'-0"



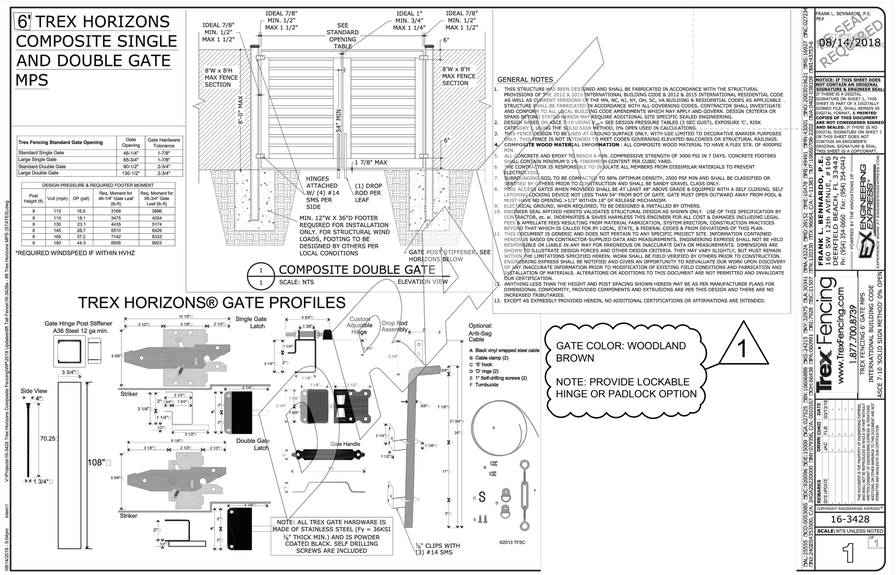
8 MEMORIAL PAVER ENLARGEMENT

1/4" = 1'-0"



4 ACCESSIBLE PARKING STALL

1/4" = 1'-0"



10 TREX GATE

1" = 1"

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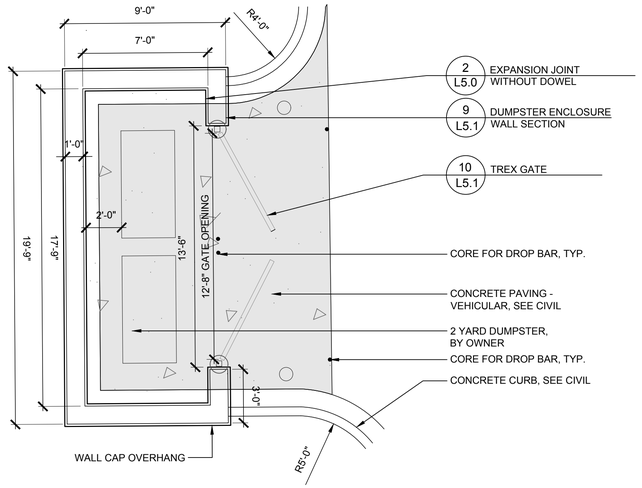
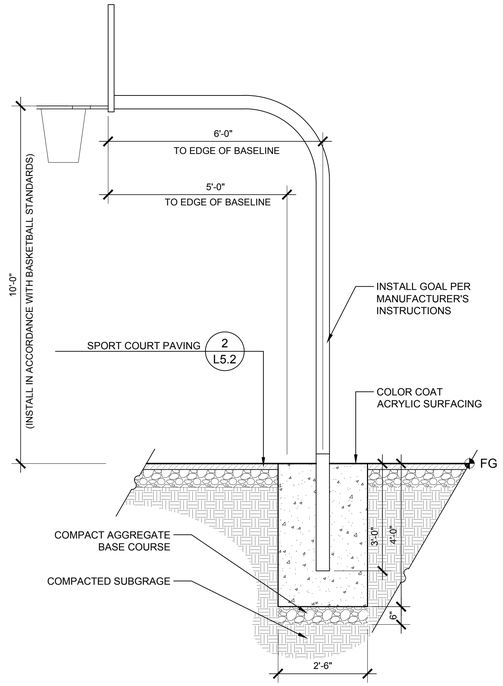


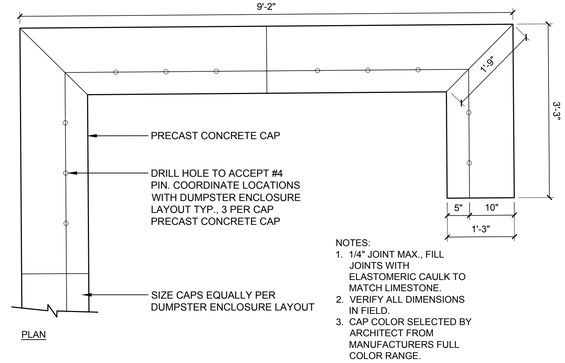
6 DUMPSTER ENCLOSURE ENLARGEMENT

1/4" = 1'-0"



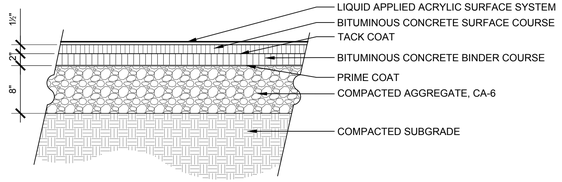
4 BASKETBALL FIXTURE

1/2" = 1'-0"



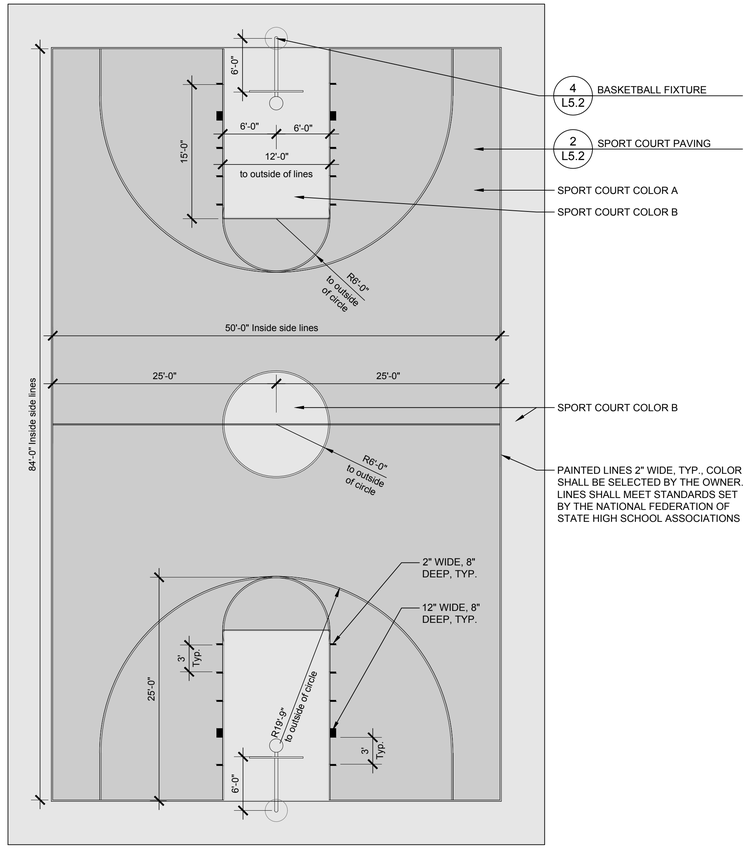
1 DUMPSTER ENCLOSURE PRECAST CAP

3/4" = 1'-0"



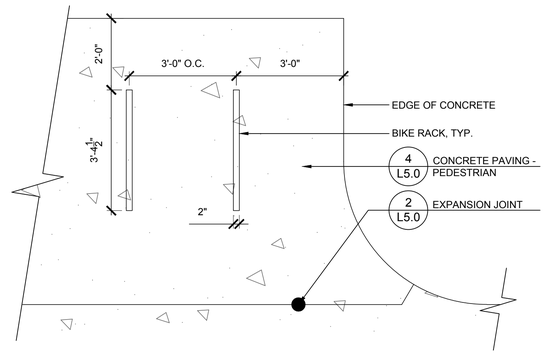
2 SPORT COURT PAVING

1" = 1'-0"



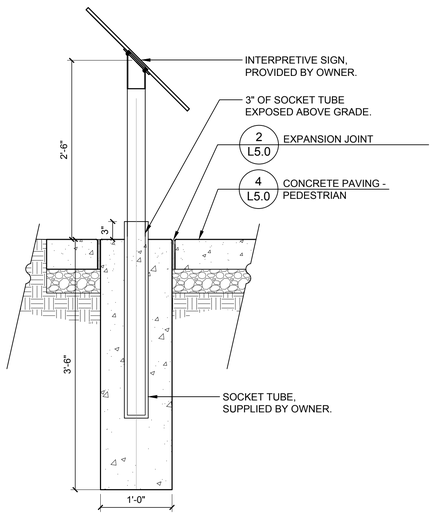
3 BASKETBALL LAYOUT

1/8" = 1'-0"



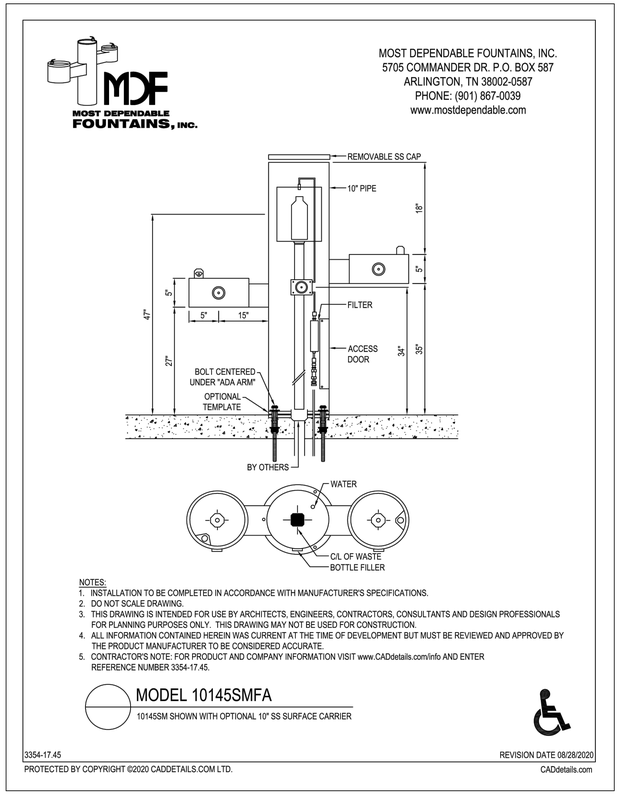
7 BIKE RACK ENLARGEMENT

1/2" = 1'-0"



8 INTERPRETIVE SIGN

1" = 1'-0"



5 DRINKING FOUNTAIN

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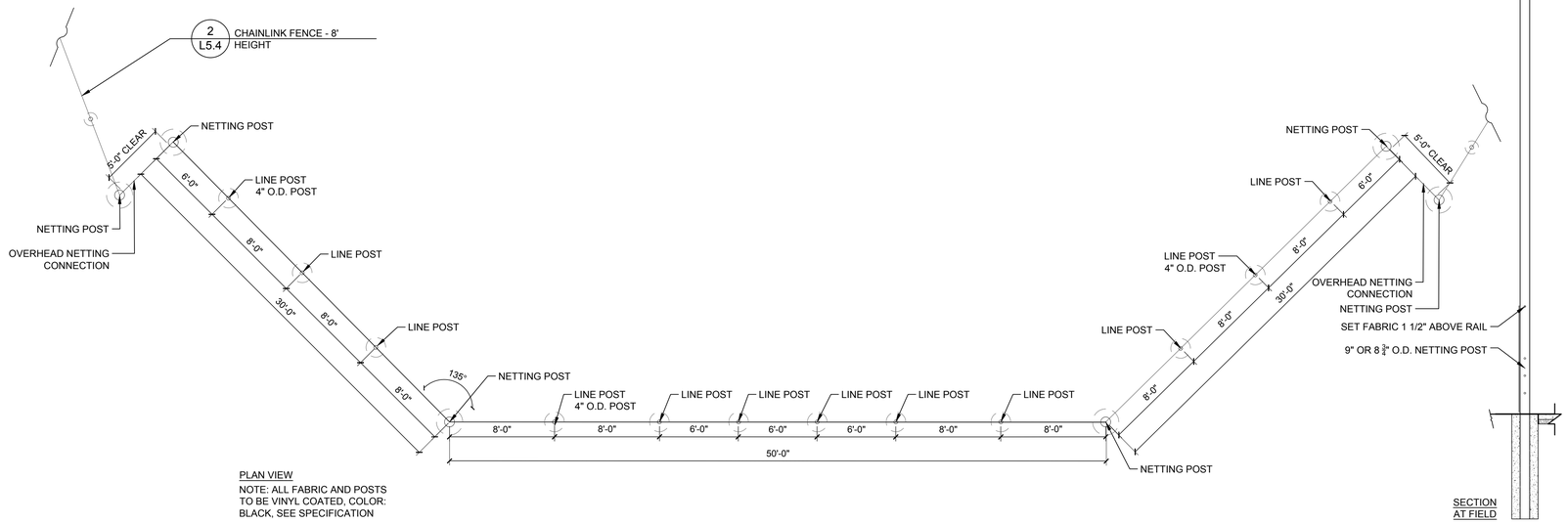
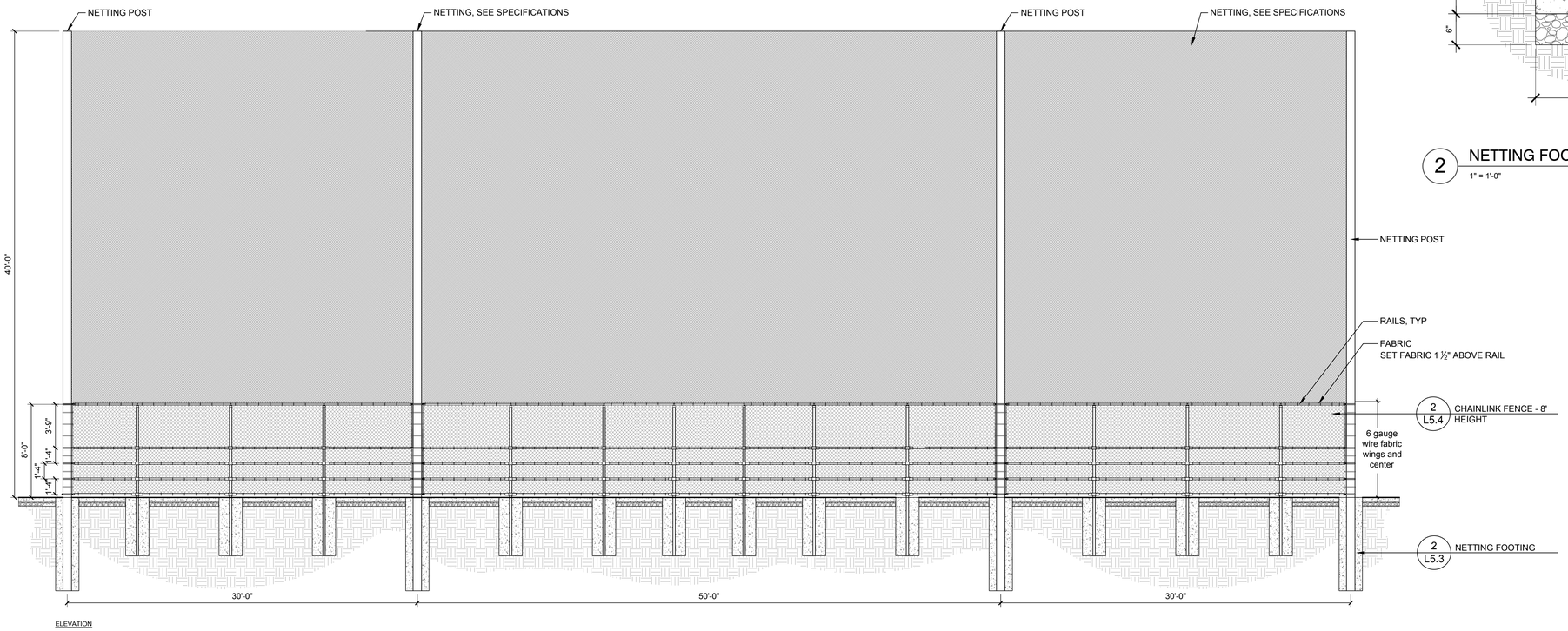


PLAN VIEW

NOTE: ALL FABRIC AND POSTS TO BE VINYL COATED, COLOR: BLACK, SEE SPECIFICATION

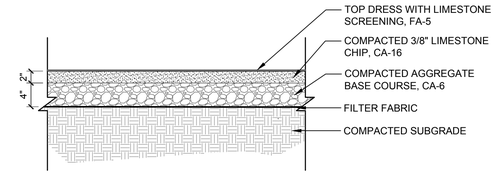
SECTION AT FIELD



ELEVATION

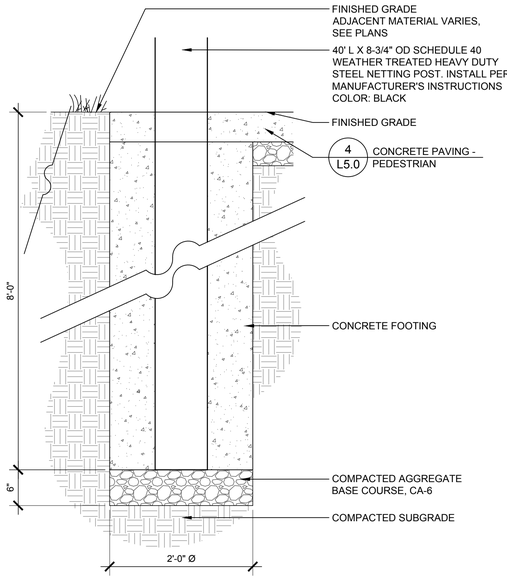
3 BACKSTOP - NETTING

3/16" = 1'-0"



1 CRUSHED STONE PAVING

1" = 1'-0"



2 NETTING FOOTING

1" = 1'-0"

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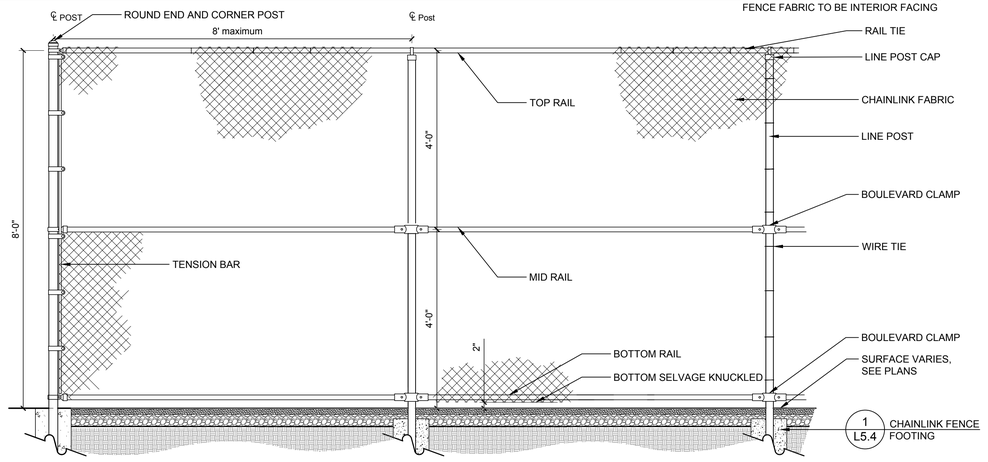
Chainlink Fence Schedule

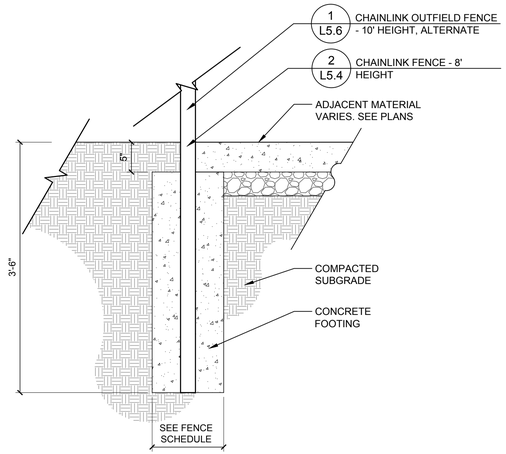
Description	Height	Mid Rail Height	Fabric (Gauge/Mesh)	Fabric Selvage (top and bottom)	Footing Depth	Footing Dia.	Terminal Posts	Line Posts	Post Spacing	Top Rail	Mid Rail	Bottom Rail	Truss Rod w/ Turnbuckle	Tension Wire	PVC Coated	Post Cap
Ballfield line	8'	Midpoint	9GA. / 2"	Knuckled	48"	18"	3"	3"	Max 8'-0" O.C.	1.66"	1.66"	1.66"	n/a	n/a	PVC Coated, Black	Dome
Backstop fencing	8'	Midpoint	6GA. / 2"	Knuckled	48"	18"	n/a	3"	Max 8'-0" O.C.	1.66"	1.66"	1.66"	n/a	n/a	PVC Coated, Black	Dome
Dugout, back and side	8' or to underside of back dugout roof	Midpoint	9GA. / 2"	Knuckled	48"	18"	3"	3"	Max 8'-0" O.C.	1.66"	1.66"	1.66"	n/a	n/a	PVC Coated, Black	Dome
Outfield, Alternate	10'	Midpoint	9GA. / 2"	Knuckled	48"	18"	3"	3"	Max 8'-0" O.C.	1.66"	1.66"	1.66"	n/a	n/a	PVC Coated, Black	Dome
Batting Cage Fixed Side	12'	Midpoint	9GA. / 2"	Knuckled	48"	18"	3"	3"	Max 8'-0" O.C.	1.66"	1.66"	1.66"	n/a	n/a	PVC Coated, Black	Dome

FENCE FABRIC TO BE INTERIOR FACING



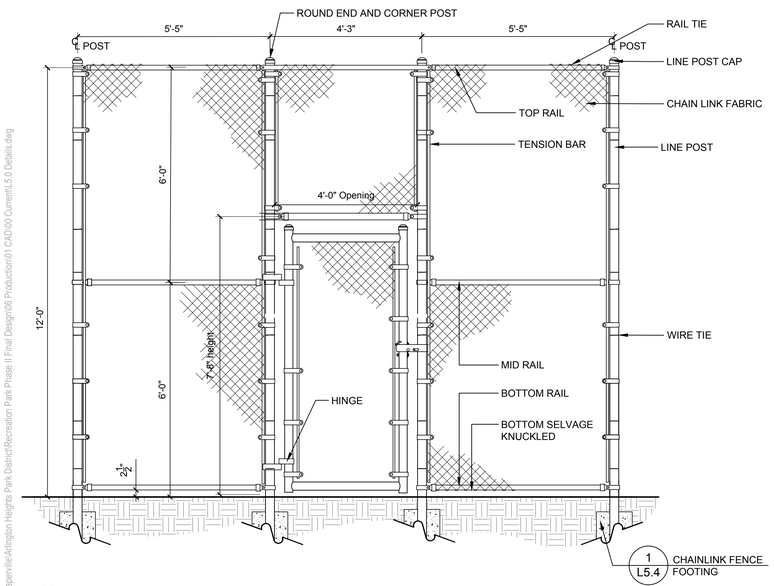
2 CHAINLINK FENCE - 8' HEIGHT

1/2" = 1'-0"



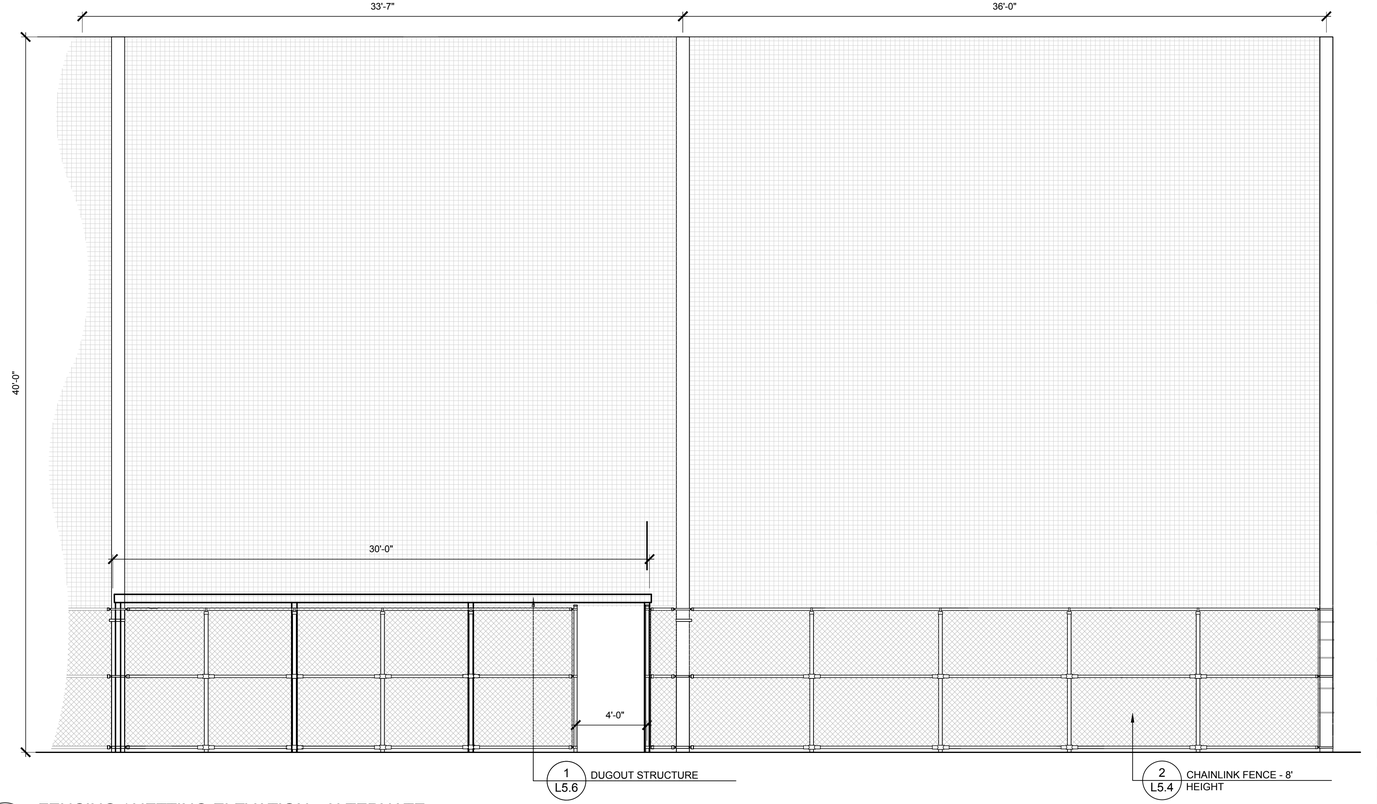
1 CHAINLINK FENCE FOOTING

1" = 1'-0"



4 BATTING CAGE FENCE - 12' HEIGHT

1/2" = 1'-0"



3 FENCING / NETTING ELEVATION - ALTERNATE

1/4" = 1'-0"

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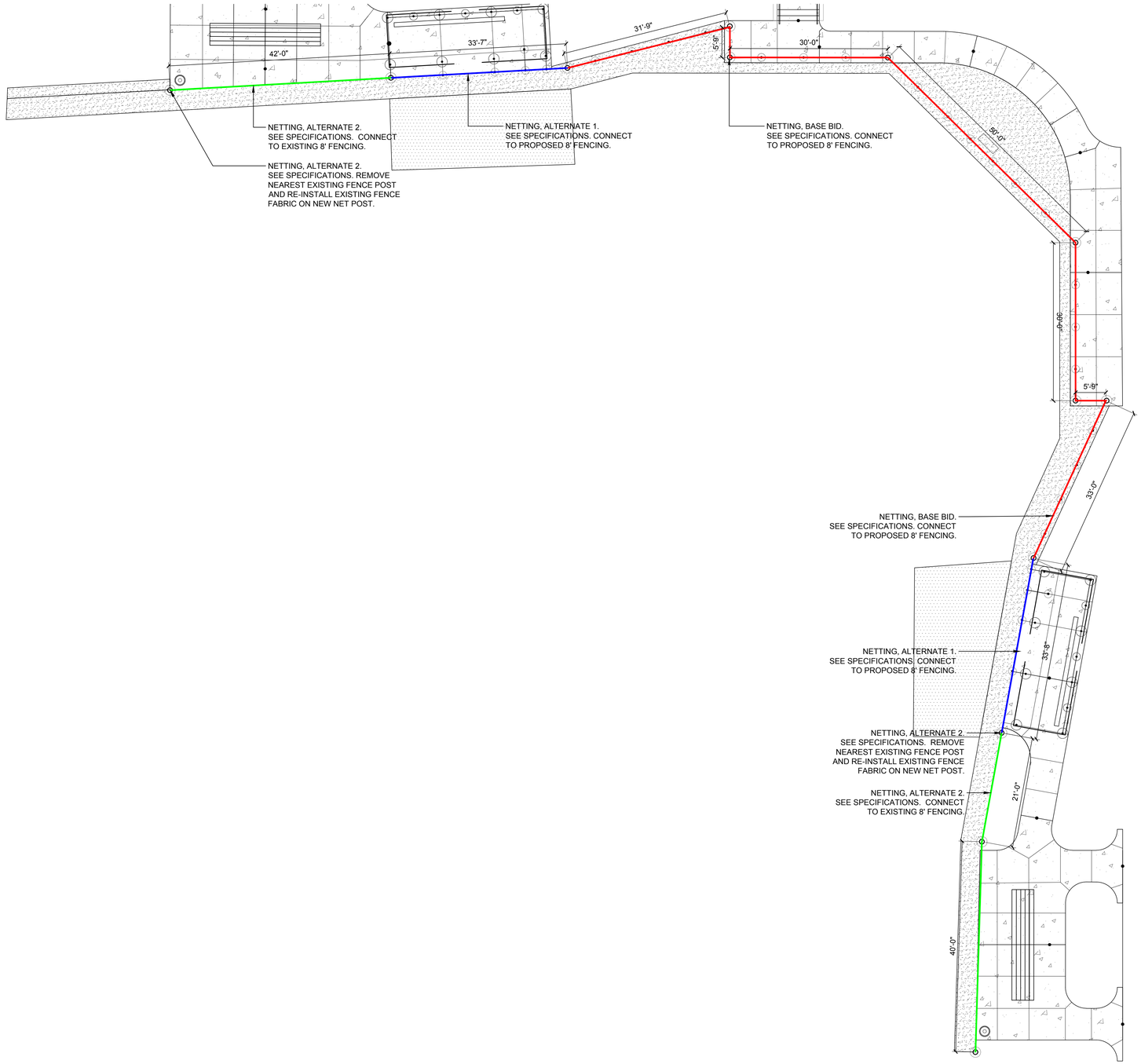

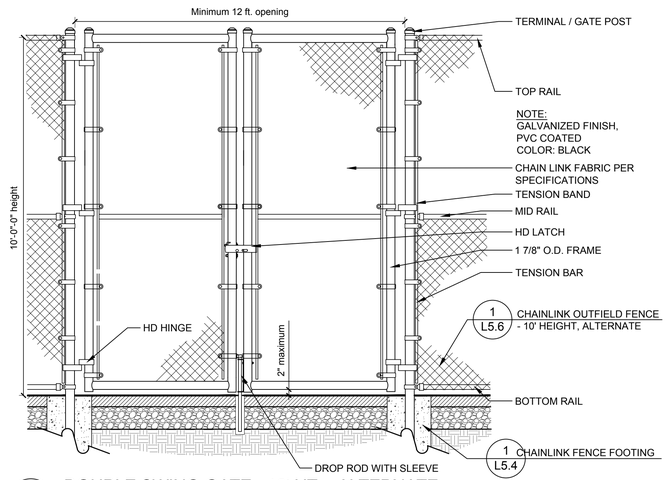

2 DOUBLE SWING GATE - 10' HT. - ALTERNATE

1/2" = 1'-0"

1 FENCING / NETTING PLAN

3/32" = 1'-0"

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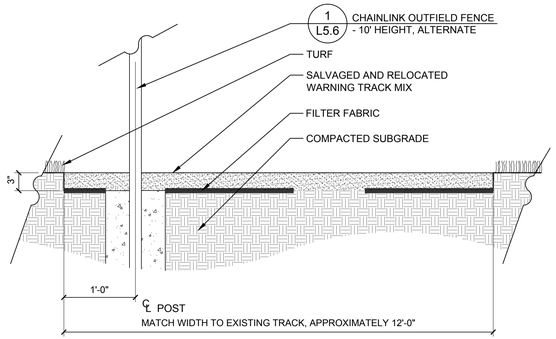
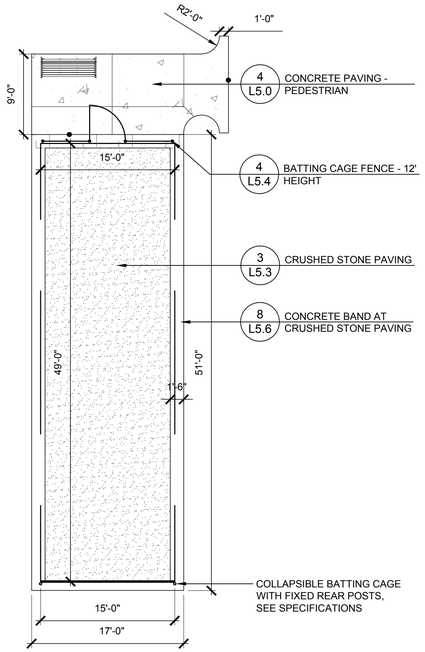


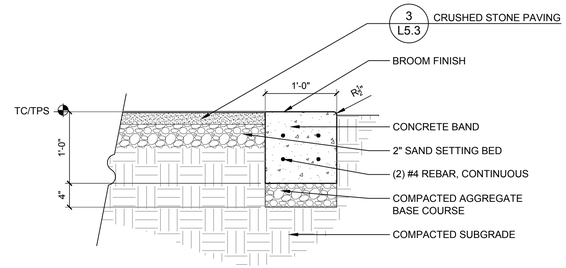
7 WARNING TRACK - ALTERNATE

1" = 1'-0"



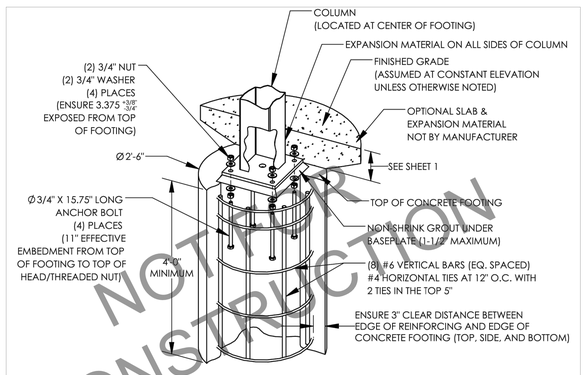
4 BATTING CAGE ENLARGEMENT

1/8" = 1'-0"



8 CONCRETE BAND AT CRUSHED STONE PAVING

1" = 1'-0"



NOT FOR CONSTRUCTION

9 DUGOUT FOOTING

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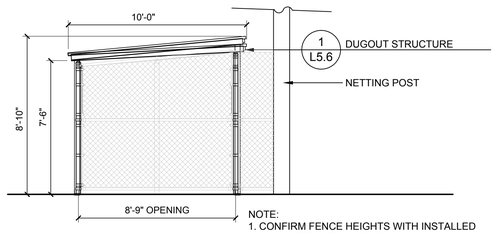
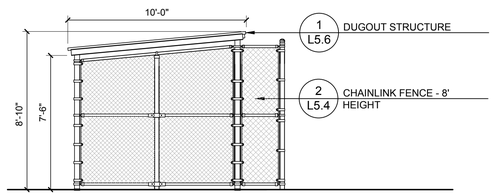


NOTE:
1. CONFIRM FENCE HEIGHTS WITH INSTALLED DUGOUT STRUCTURE TO ENSURE NO GAP IS LARGER THAN 4" MAXIMUM
2. ATTACH FENCING TO DUGOUT POSTS, COORDINATE WITH MANUFACTURER AND DUGOUT CONTRACTOR

6 DUGOUT ELEVATION B

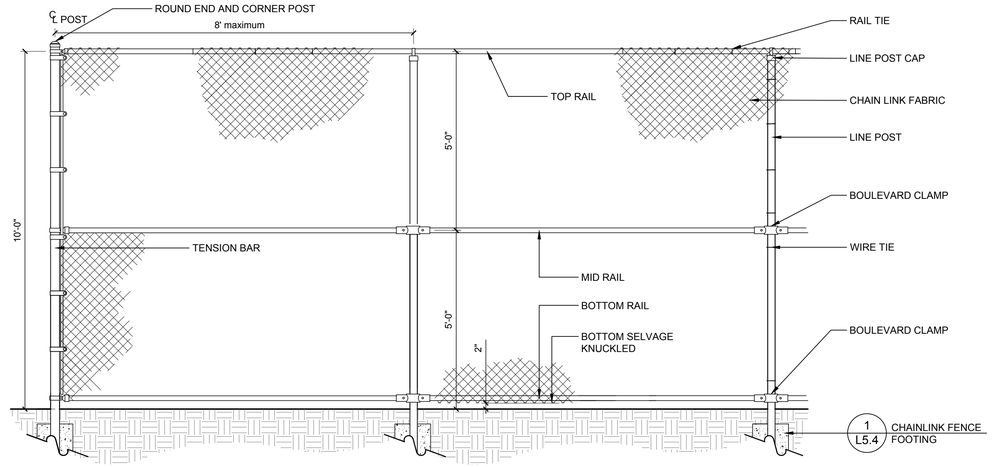
1/4" = 1'-0"



NOTE:
1. CONFIRM FENCE HEIGHTS WITH INSTALLED DUGOUT STRUCTURE TO ENSURE NO GAP IS LARGER THAN 4" MAXIMUM
2. ATTACH FENCING TO DUGOUT POSTS, COORDINATE WITH MANUFACTURER AND DUGOUT CONTRACTOR

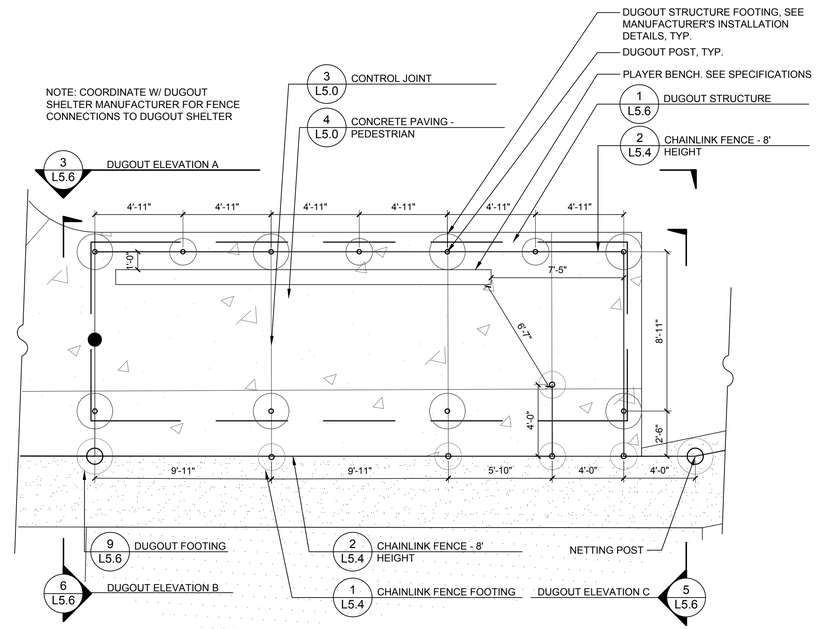
5 DUGOUT ELEVATION C

1/4" = 1'-0"



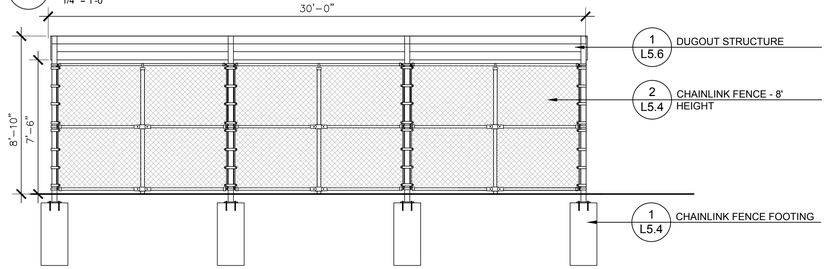
1 CHAINLINK OUTFIELD FENCE - 10' HEIGHT, ALTERNATE

1/2" = 1'-0"



2 DUGOUT ENLARGEMENT

1/4" = 1'-0"



NOTE:
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2. ATTACH FENCING TO DUGOUT POSTS, COORDINATE WITH MANUFACTURER AND DUGOUT CONTRACTOR

3 DUGOUT ELEVATION A

1/4" = 1'-0"

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SHEET TITLE
Details

SCALE IN FEET
as noted

NORTH

SHEET NUMBER
L5.6

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2024E

poligon®

A Division of PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424 (616) 888-3500

PROJECT NAME: RECREATION PARK PH II

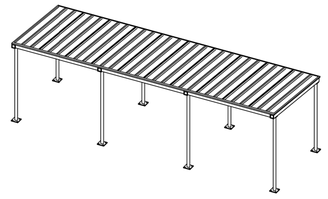
PROJECT LOCATION: ARLINGTON HEIGHTS, IL

BUILDING TYPE: DUG 10X30

ROOF TYPE: MULTI-RIB

BUILDING NUMBER: P21170

ORDER NUMBER: 81899



DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2-2.1	ANCHOR AND FOOTING LAYOUT / DETAILS
3	STRUCTURAL FRAMING PLAN
4	FRAME CONNECTION DETAILS
5	ELECTRICAL VIEWS - N/A
6-6.1	ROOF LAYOUT
7-7.2	ROOF CONNECTION DETAILS

MANUFACTURER NOTES:

MATERIALS:

DESCRIPTION	ASTM DESIGNATION
TUBE STEEL	A500 [GRADE C]
SCHEDULE PIPE	A53 [GRADE B]
RMT PIPE	A519
LIGHT GAGE COLD FORMED STRUCTURAL STEEL PLATE	A1003 [GRADE 50] A36
ROOF PANELS [STEEL]	A653
ANCHOR BOLTS	SEE SHEET 2.1

GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED TO ONLY SUPPORT WHAT IS SHOWN ON THESE DRAWINGS. POLIGON MUST BE CONTACTED IF ANYTHING ELSE IS TO BE ATTACHED TO THIS STRUCTURE (WALLS, COLUMN WRAPS, RAILINGS, ETC.) SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.
2. THE ENGINEERING SEAL FOR THE STRUCTURE DETAILED IN THESE DRAWINGS IS ONLY VALID IF PORTER CORP DESIGNS AND FABRICATES THE STEEL COMPONENTS. FABRICATING THE STEEL COMPONENTS ELSEWHERE VOIDS THE ENGINEERING PROVIDED BY PORTER CORP.
3. UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED ASSUMING A 20' SEPARATION BETWEEN ANY ADJACENT STRUCTURE WITH AN EAVE HEIGHT EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE (SEE SNOW DESIGN DATA). IF THAT SEPARATION DOES NOT EXIST AND THE GROUND SNOW LOAD (Pg) IS GREATER THAN 0 PSF, POLIGON MUST BE CONTACTED SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.
4. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL REFERENCED IN THE GOVERNING BUILDING CODE.
5. ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDERS AND CONFORMS TO AWS D1.1 OR D1.3 AS REQUIRED.
6. PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS AND FINAL INSTALLATION INSTRUCTIONS INCLUDED WITH THE STRUCTURE FOR POSSIBLE SUBSTITUTIONS AND IMPROVEMENTS.
7. FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.
8. THE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, TECHNIQUES, SEQUENCES AND PROCEDURES, INCLUDING BRACING, SHORING, LAYDOWN AND PROTECTION OF CONSTRUCTION MATERIALS, ETC. TEMPORARY SHORING AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WORK, IF REQUIRED, BE RUN THROUGH THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.
10. MAKING HOLES, CUTS OR MODIFICATIONS TO THE STRUCTURAL STEEL MEMBERS IS NOT PERMITTED IN THE FIELD WITHOUT SPECIFIC APPROVAL OF POLIGON.

CERTIFICATES:
MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO.: 24-0903.04
PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

FABRICATOR APPROVALS:
CITY OF PHOENIX, AZ APPROVED FABRICATOR #CQB-2010
CITY OF LOS ANGELES, CA APPROVED FABRICATOR #FBO1596
CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SF_000042
CITY OF HOUSTON, TX APPROVED FABRICATOR #470
CLARK COUNTY, NV APPROVED FABRICATOR #264
STATE OF UTAH APPROVED FABRICATOR 02008-14
AISC APPROVED FABRICATOR C-00024530
AWS CERTIFIED WELDING FABRICATOR #240707F

AMERICAN INSTITUTE OF STEEL CONSTRUCTION — AISC — 1ST PHOENIX INST. ®

DESIGN CRITERIA:

GENERAL:
2021 INTERNATIONAL BUILDING CODE
RISK CATEGORY: II

DEAD LOAD:
ROOF DEAD LOAD: 2 PSF
FRAME DEAD LOAD: SELF WEIGHT

LIVE LOAD:
ROOF LIVE LOAD: 20 PSF

SNOW DESIGN DATA:
GROUND SNOW LOAD (Pg): 25 PSF
FLAT ROOF SNOW LOAD (Pf): 21 PSF
SNOW EXPOSURE FACTOR (Ce): 1.0
SNOW LOAD IMPORTANCE FACTOR (Is): 1.0
THERMAL FACTOR (Ct): 1.2
ROOF SLOPE FACTOR (Cs): 1.0
DRIFT SURCHARGE LOAD (Pd): 0 PSF
WIDTH OF SNOW DRIFT (w): 0 FT
MINIMUM HORIZONTAL SEPARATION DISTANCE (s): 20 FT

WIND DESIGN DATA:
BASIC WIND SPEED (V): 110 MPH
ALLOWABLE STRESS DESIGN WIND SPEED (Vasd): 85 MPH
GUST EFFECT FACTOR (G): 0.85
INTERNAL PRESSURE COEFFICIENT (GCpi): 0
WIND EXPOSURE: C

SEISMIC DESIGN DATA:
STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
SEISMIC IMPORTANCE FACTOR (Ie): 1.0
SEISMIC DESIGN CATEGORY: B
SEISMIC SITE CLASS: D
SHORT SPECTRAL RESPONSE (Ss): 0.12
1-SEC SPECTRAL RESPONSE (S1): 0.06
DESIGN SHORT SPECTRAL RESPONSE (SDS): 0.12
DESIGN 1-SEC SPECTRAL RESPONSE (SD1): 0.10
SEISMIC RESPONSE COEFFICIENT (Cs): 0.04
RESPONSE MODIFICATION COEFFICIENT (R): 3.00
EQUIVALENT LATERAL FORCE PROCEDURE
SEE CALCULATIONS FOR ADDITIONAL DATA

ADDITIONAL CRITERIA:
NONE

Josh Host
Digitally signed by Josh Host
Date: 2025.02.06 15:43:03 -06'00'

LICENSED STRUCTURAL ENGINEER
JOSHUA T HOST
081.008001
STATE OF ILLINOIS

EXPIRES: 11/30/2026
DATE: 02/06/2025

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS DETAILED WITHIN THESE DRAWINGS AND SUPPLIED BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

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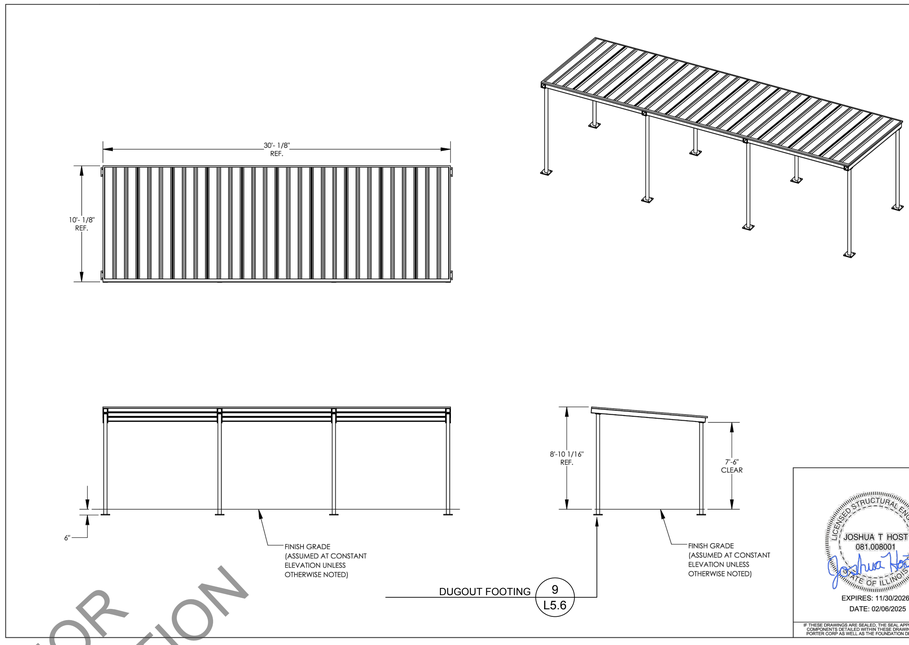
PRINT DATE: 2/4/2025 | SCALE: 1:75 | DRAWN BY: mcurtis/mdademold | REV LEVEL: A | CREATION DATE: 4/23/2024 | ORDER #: 81899 | CAD MODEL: ~P21170

PROJECT: RECREATION PARK PH II
PROJECT LOCATION: ARLINGTON HEIGHTS, IL
DRAWING: COVER SHEET
SHEET: CS



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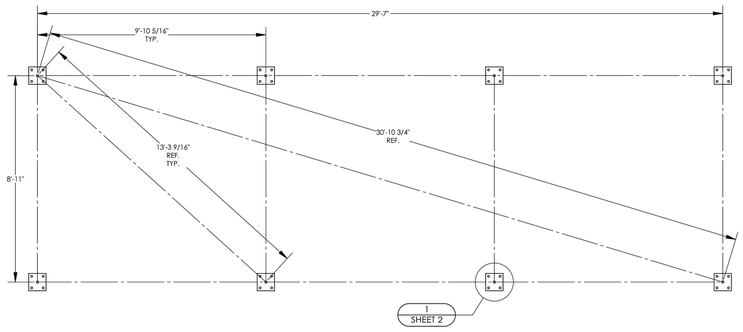
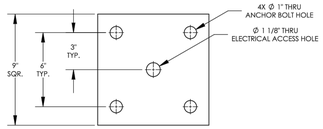
PRINT DATE: 2/4/2025 | SCALE: 1:64 | DRAWN BY: mcurtis/mdademold | REV LEVEL: A | CREATION DATE: 4/23/2024 | ORDER #: 81899 | CAD MODEL: ~P21170

PROJECT: RECREATION PARK PH II
PROJECT LOCATION: ARLINGTON HEIGHTS, IL
DRAWING: ARCHITECTURAL ELEVATIONS
SHEET: 1

ANCHOR AND FOOTING LAYOUT NOTES:

1. ANCHORS MUST BE CENTERED IN FOOTINGS
2. FOOTINGS MUST BE TURNED TO ALIGN WITH COLUMN AND TRUSS CENTERLINE.





1 ANCHOR BOLT PATTERN
2 BASE PLATE THICKNESS: 3/4"

LICENSED STRUCTURAL ENGINEER
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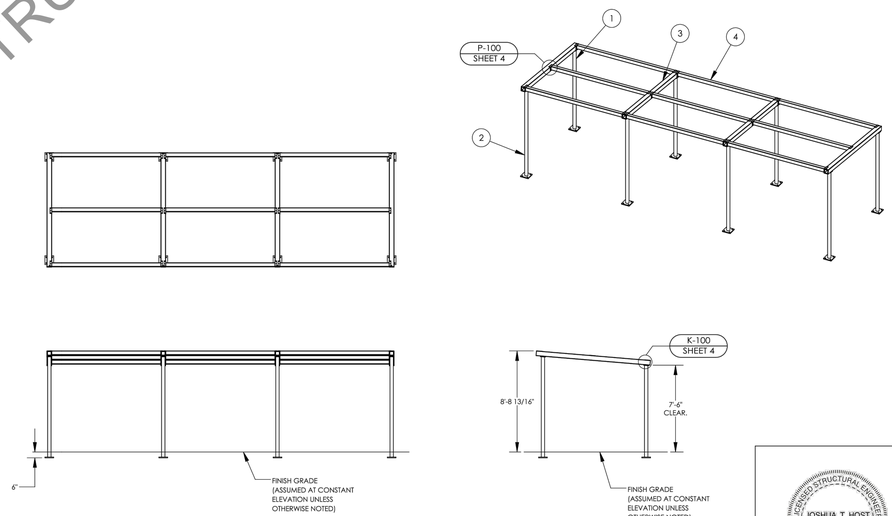
PROJECT: RECREATION PARK PH II
PROJECT LOCATION: ARLINGTON HEIGHTS, IL
DRAWING: ANCHOR AND FOOTING LAYOUT
SHEET: 2



ITEM	QTY.	PART NO.	DESCRIPTION	MATERIAL SIZE	WEIGHT
4	9	-	EAVE ASM	HSS4"X4"X1/8"	63.04
3	4	-	TRUSS ASM	HSS5"X5"X1/8"	84.22
2	4	-	COLUMN 2 ASM	SP40X3"	84.05
1	4	-	COLUMN 1 ASM	SP40X3"	78.45

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PROJECT: RECREATION PARK PH II
PROJECT LOCATION: ARLINGTON HEIGHTS, IL
DRAWING: STRUCTURAL FRAMING PLAN
SHEET: 3

1 DUGOUT STRUCTURE
N.T.S

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Issue for Bid & Permit
April 16, 2025

REVISIONS

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CHECKED BY ARH / MGM
DRAWN BY MDM / CNO

SHEET TITLE
Details

SCALE IN FEET
as noted

NORTH

SHEET NUMBER
L5.7

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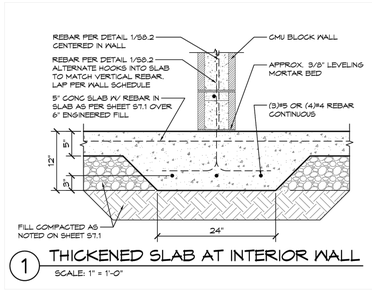
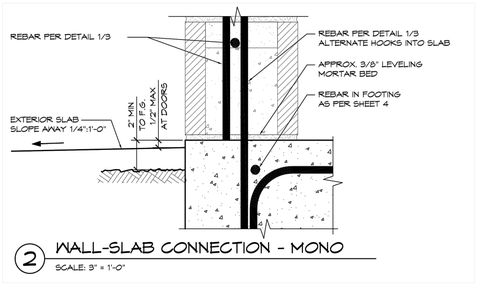
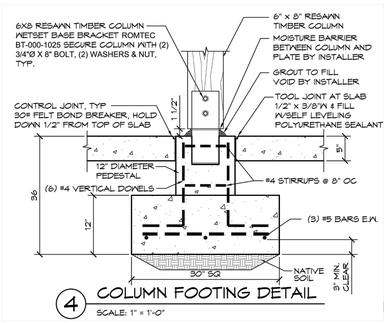
NOTE: FOUNDATION DESIGN SHOWN IS PRELIMINARY
AND SUBJECT TO CHANGE. FINAL FOUNDATION DESIGN
TO BE DETERMINED ONCE FINAL DESIGN / ENGINEERING
PLANS FROM THE MANUFACTURER ARE SUBMITTED.



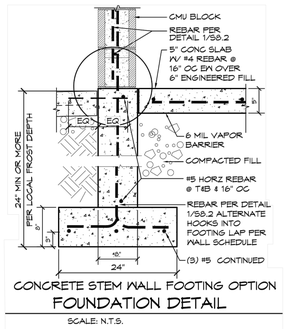
1 THICKENED SLAB AT INTERIOR WALL
SCALE: 1" = 1'-0"



2 WALL-SLAB CONNECTION - MONO
SCALE: 3" = 1'-0"



4 COLUMN FOOTING DETAIL
SCALE: 1" = 1'-0"



CONCRETE STEM WALL FOOTING OPTION
FOUNDATION DETAIL
SCALE: N.T.S.

FLASHED RAGTEX



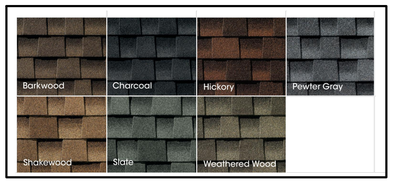
FLASHED BARTEX



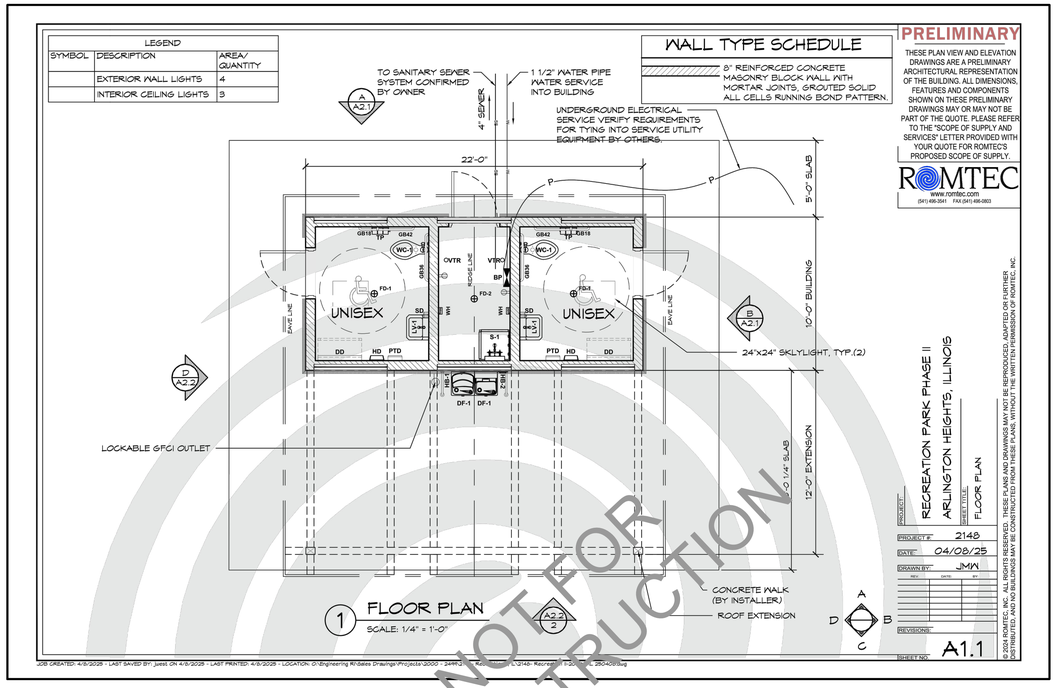
BRICK: RAGLAND CLAY PRODUCTS
80% FLASHED RAGTEX AND 20% FLASHED BARTEX BLEND
RUNNING BOND PATTERN

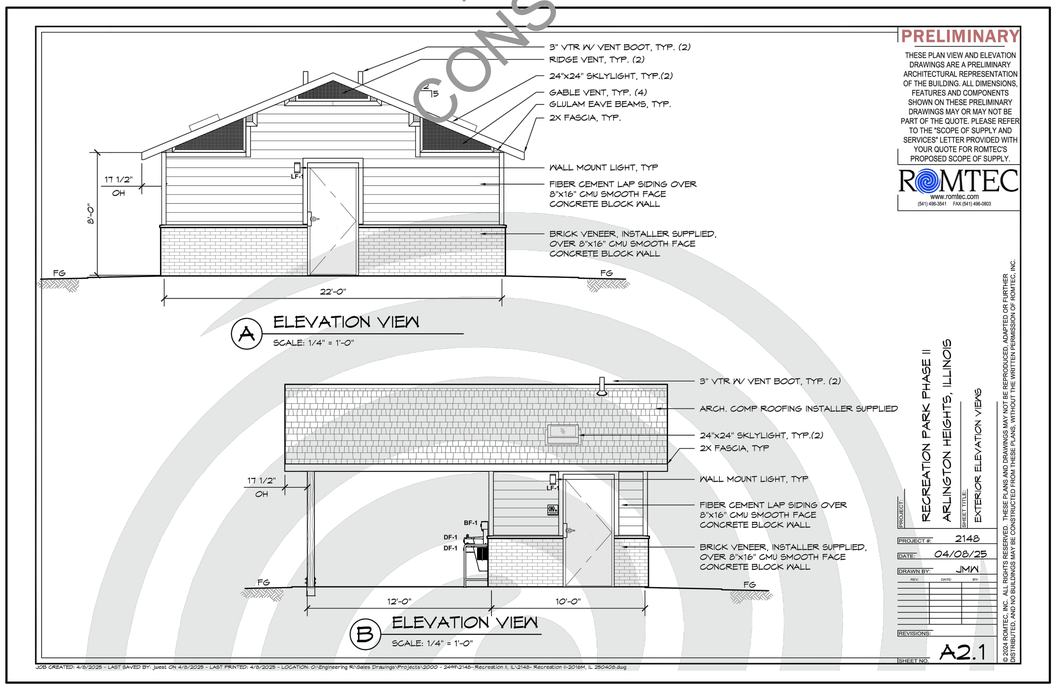


LAP SIDING, COLOR TO BE SELECTED BY ARCHITECT
FROM MANUFACTURERS FULL RANGE



ASPHALT SHINGLES:
MANUFACTURER: GAF
PRODUCT: TIMBERLINE AS II
COLOR AS SELECTED BY ARCHITECT FROM
MANUFACTURERS FULL RANGE. COLOR TO MATCH
EXISTING COMMUNITY BUILDING





1 RESTROOM STRUCTURE
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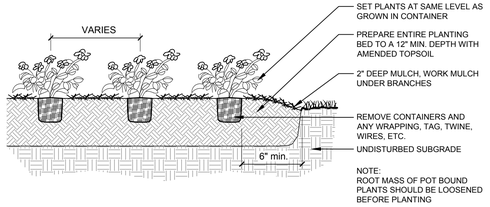
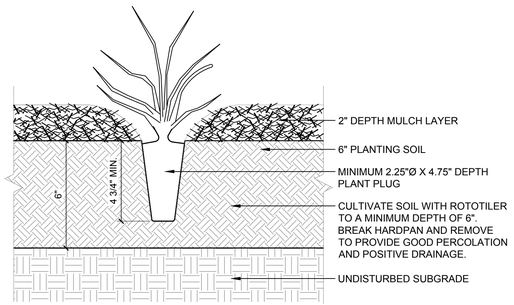


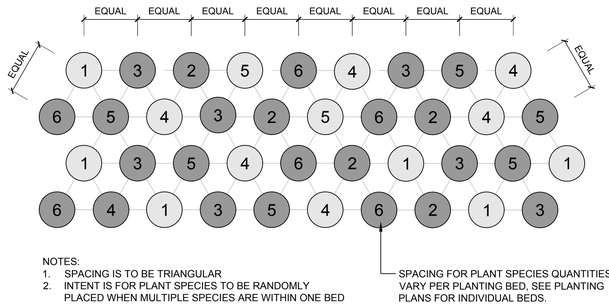
5 PERENNIAL PLANTING

1/2" = 1'-0"



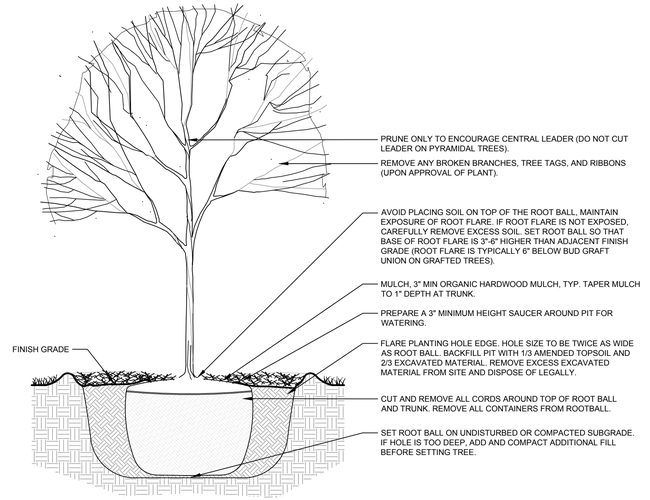
6 PLUG PLANTING

3" = 1'-0"



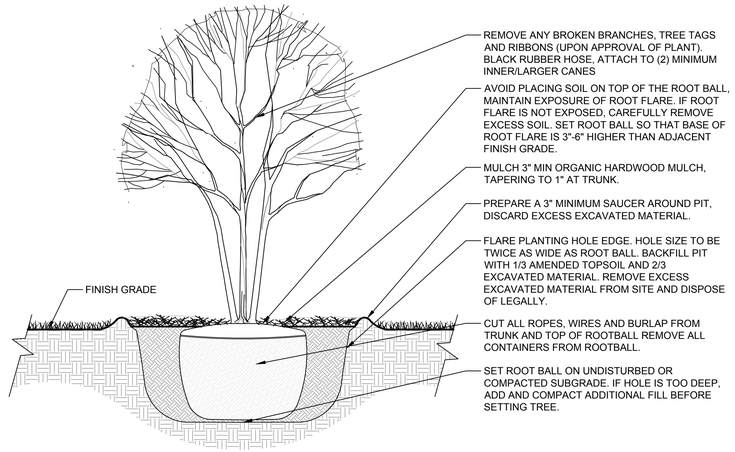
7 PLANT SPACING

1/2" = 1'-0"



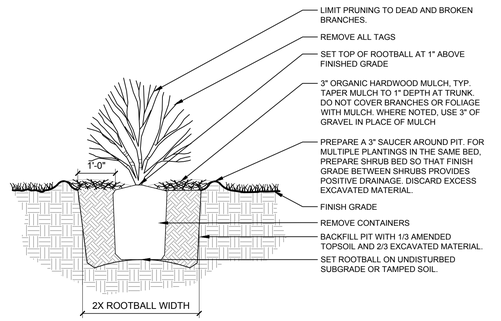
1 SHADE TREE - NO TP

1/2" = 1'-0"



2 ORNAMENTAL TREE PLANTING

1/2" = 1'-0"



4 SHRUB DETAIL

1/2" = 1'-0"

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Arlington Heights Park District
410 N Arlington Heights Road
Arlington Heights, Illinois 60004

PROJECT
Recreation Park - Phase 2
500 E. Miner Street
Arlington Heights, Illinois 60004

CONSULTANTS
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Chicago, IL 60661
T 312.463.0551

Electrical Engineer
Nova Engineering, PC
2338 Cline Ave.
Schererville, Indiana 46375
T 219.865.3352

Issue for Bid & Permit
April 16, 2025

REVISIONS

No	Date	Issue

CHECKED BY ARH / MGM
DRAWN BY MDM / CNO

SHEET TITLE
Details

SCALE IN FEET
as noted

NORTH

SHEET NUMBER
L5.9

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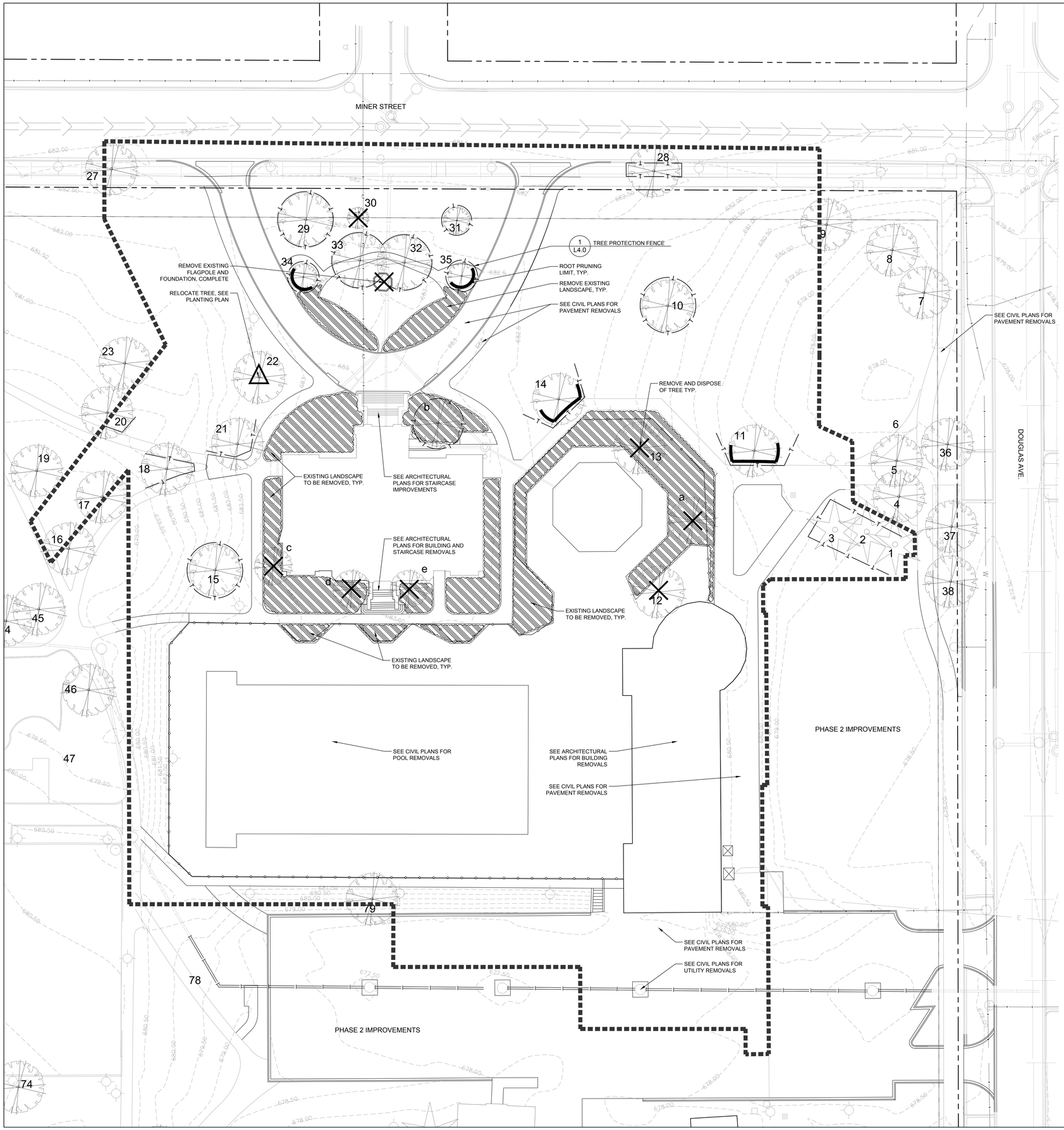
J:\Projects\Naperville\Arlington Heights Park District\Recreation Park Phase II Final Design\05 Production\01 CAD\00 Current\L5.0 Details.dwg

EXHIBIT F

LANDSCAPE PLANS PHASE III



SITE PREPARATION AND REMOVALS NOTES

1. Contractor shall install construction fence at the limits of construction prior to beginning work. Maintain and adjust construction fencing as needed during progress of construction. Staging and construction access shall be approved by Owner.
2. Contractor shall install tree protection fencing as shown on the plans prior to beginning work. Maintain and adjust tree protection fencing as needed during progress of construction. Storage of materials, vehicular access, and all other construction activities are strictly prohibited within the limits of the tree protection fencing.
3. Plans indicate general location and limits of removals. Contractor shall perform removals only as necessary for construction of proposed improvements. No additional payments will be made for removals or restoration not required to construct the improvements as drawn and specified. Refer to Layout Plan for more specific information regarding proposed improvements and verify conditions in the field prior to performing removals.
4. Sawcut and remove concrete paving to nearest joint where indicated. All saw cuts required for removal items to be included in the unit cost of that particular pay item.
5. Tree stumps shall be ground to a minimum depth of 18" below existing grade or as required to properly perform the work.
6. Remove and dispose of turf where planting beds are designated. Refer to Planting Plan for limits of proposed landscape improvements.
7. Where turf or plantings are proposed in existing paved areas, remove all base material.
8. Remove all utilities designated for removal to extent required for improvements, unless otherwise noted. Cap ends of any remaining underground conduit and piping, and pull all electrical wire out at source.
9. Items indicated for Removal shall include complete removal of above grade item and below grade appurtances (foundations, urban fill, wiring, piping, etc.) including disposal off-site following applicable codes and ordinances, unless otherwise shown on the plans.
10. Items indicated as Remove and Salvage shall include careful protection, removal, and storage of items. For reinstall items, Contractor shall store during construction. All other Salvage items shall be delivered to location as indicated by owner unless otherwise shown on the plans.
11. Contractor to protect all existing utilities and all other site features not designated for removal. Contractor is responsible for replacing/repairing any existing utilities or other site features damaged during construction to the original condition at no cost to the Owner.
12. Contractor responsible for maintaining existing utility services (electrical, sanitary, storm) during construction unless otherwise indicated in the Contract Documents.
13. Contractor shall coordinate all work so public sidewalk remains open throughout construction.
14. Refer to civil and electrical plans for additional utility adjustments and removals.
15. Refer to specifications for additional conditions, standards and notes.

SITE PREPARATION AND REMOVALS LEGEND

- Remove existing landscaping, plants, gravel, and miscellaneous subgrade material as needed.
- Tree Protection Fence
- Item to be relocated
- Item to be removed
- Root pruning limit
- Project Limit Line

Existing Tree Inventory

Tag #	Species	DBH (inches)	Condition	Comments	Remove / Protect	Maintenance During Construction	Replacement Qty.
1	Pine, Eastern White	11	Poor	Chlorotic, Deceline	Protect	Tree protection fence	
2	Pine, Eastern White	13	Poor	Chlorotic, Deceline	Protect	Tree protection fence	
3	Pine, Eastern White	13	Poor	Chlorotic, Deceline	Protect	Tree protection fence	
10	Crabapple	10	Poor	Basal Decay	Protect	Tree protection fence	
11	Ash, White	32	Fair	Codominant	Protect	Tree protection fence	
12	Pear, Callerya	13	Good	Codominant	Remove, undesireable species	To be removed, new pool installation	
13	Pear, Callerya	11	Fair	Codominant, One-sided	Remove, undesireable species	To be removed, new pool installation	
a	Pear, Callerya	8			Remove, undesireable species	To be removed, new pool installation	
14	Oak, Swamp White	31	Good	Minor Rib Crack	Protect	Tree protection fence	
b	Amelanchier				Protect	Tree protection fence	
15	Ash, Green	28	Fair		Protect	Tree protection fence	
e	Amelanchier				Remove	To be removed, new pool deck installation	
d	Amelanchier				Remove	To be removed, new pool deck installation	
c	Amelanchier				Remove	To be removed, new pool deck installation	
21	Crabapple	19	Good	Basal Cavity	Protect	Tree protection fence	
22	Maple, Sugar	3	Excellent		Relocate	To be relocated	
28	Honeylocust	23		Utility Clearance	Protect	Tree protection fence	
29	Elm, Siberian	27	Good		Protect	Tree protection fence	
30	Maple, Red	6	Good		Remove	To be removed, storm water grading	2
31	Maple, Norway	16	Good		Protect	Tree protection fence	
32	Magnolia, Saucer	27	Good	Codominant	Protect	Tree protection fence	
33	Magnolia, Saucer	26	Good	Codominant	Protect	Tree protection fence	
34	Crabapple	14	F	Codominant	Protect	Tree protection fence	
35	Crabapple	12	Good		Protect	Tree protection fence	
						REQUIRED REPLACEMENT QUANTITY	2
						PROVIDED REPLACEMENT QUANTITY	4
						*Poor Quality trees not included in tree replacements	

1 **TREE REMOVALS AND PRESERVATION PLAN**
1" = 20'

SCALE IN FEET
0' 10' 20' 60'
1" = 20'

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500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

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TREE REMOVALS AND PRESERVATION PLAN

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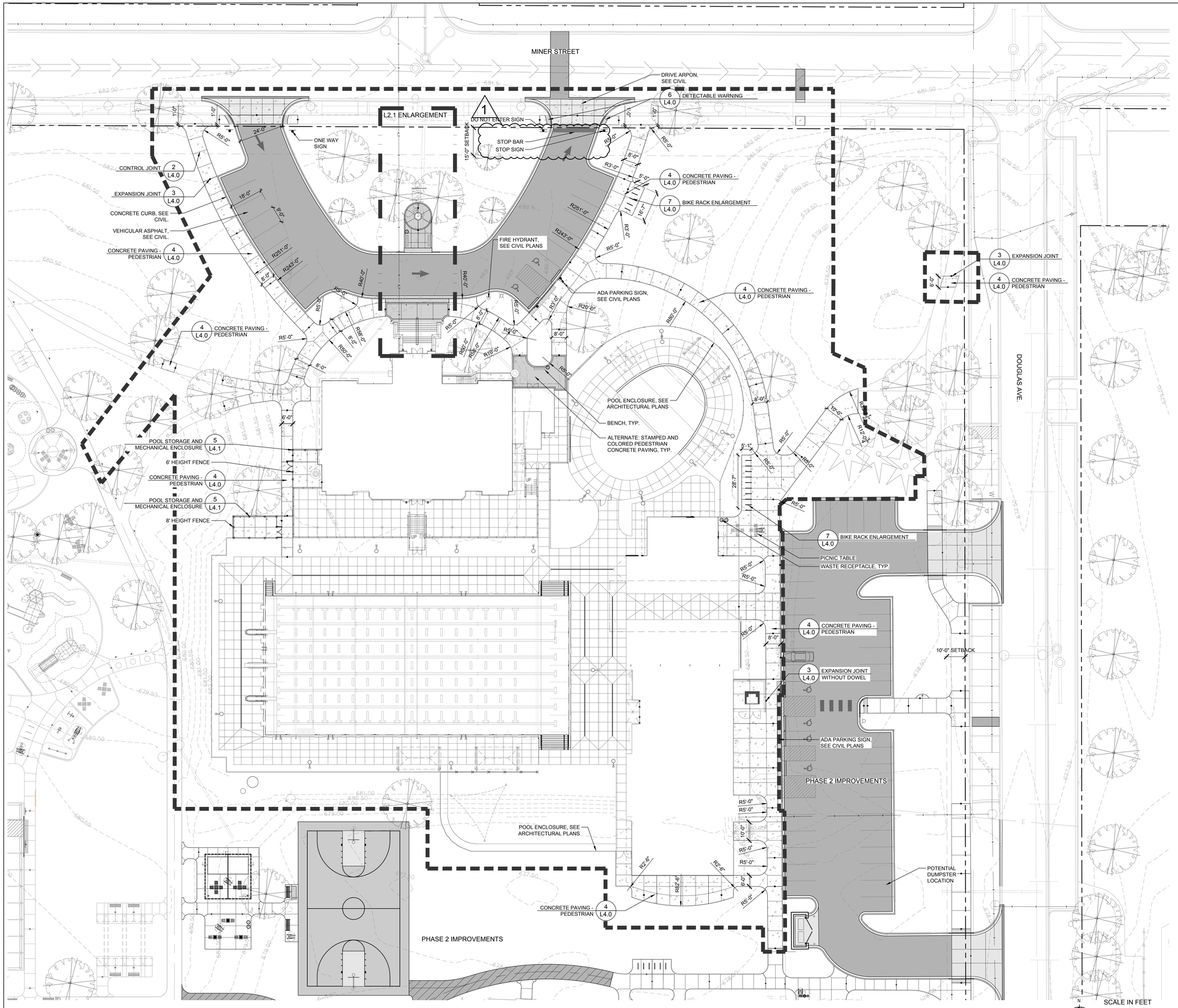

1 LAYOUT AND MATERIALS PLAN
1" = 20'

N

SCALE IN FEET

1" = 20'

0' 10' 20' 60'

LAYOUT NOTES

1. Contractor responsible for field layout of all new improvements. Digital files of geometric information will be provided upon request in AutoCAD format. No additional payment will be made for adjustments necessary to construct the work as drawn.
2. Contractor responsible to coordinate work in order to obtain approval of all layout by Owners Representative prior to construction. No additional payment will be made to correct work if constructed incorrectly without pre-approval by Owners Representative.
3. Contractor responsible to maintain all layout stakes during construction. No additional payment will be made to replace layout stakes.
4. Place stakes at edges of sport courts, fields, limits of playground, shelter, and every 25 feet on center along centerline of all pathways for review by the Owner's Representative prior to earthwork operations.
5. All walls are dimensioned to Face of Wall unless otherwise noted.
6. All dimensions from roadway are from Back of Curb unless otherwise noted.
7. All curves and radii to be smooth and not segmented.
8. Contractor to provide layout stakes every 10 feet minimum for large arcs where radius points are not accessible.
9. Adjustment to stake locations due to discrepancies between coordinates and dimensions is incidental to the contract. No additional payments will be made for this work.
10. All roadway widths are measured from edge of pavement to edge of pavement unless otherwise shown on the plans.
11. Contractor responsible to take delivery, assemble and install all materials and furnishings per manufacturer's instructions.
12. Place control and expansion joints as shown on plans and details for all curbs, walks, walls, steps, and concrete paving. Where joints are not shown, place control joints a maximum of 10 feet on center, expansion joints a maximum of 30 feet on center, and between all separate pours.
13. Contractor will maintain use zone requirements within soft surfacing; no use zone will overlap or be tangent unless noted. Adjust playground barrier curb and/or adjacent paving as needed to accommodate play equipment fall zones.
14. Coordinate location of storm line with playground footings and obtain Owner's approval prior to installation.
15. Layout of soft surface shall be verified in field by landscape architect.
16. Refer to specifications for additional conditions, standards and notes.
17. All improvements to comply with 2018 Illinois Accessibility Code.

LAYOUT LEGEND

- Expansion Joint
- Asphalt Paving - Vehicular, see Civil
- Concrete Paving
- Stamped and Colored Concrete Paving - Alternate
- Project Limit Line

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LAYOUT AND MATERIALS PLAN

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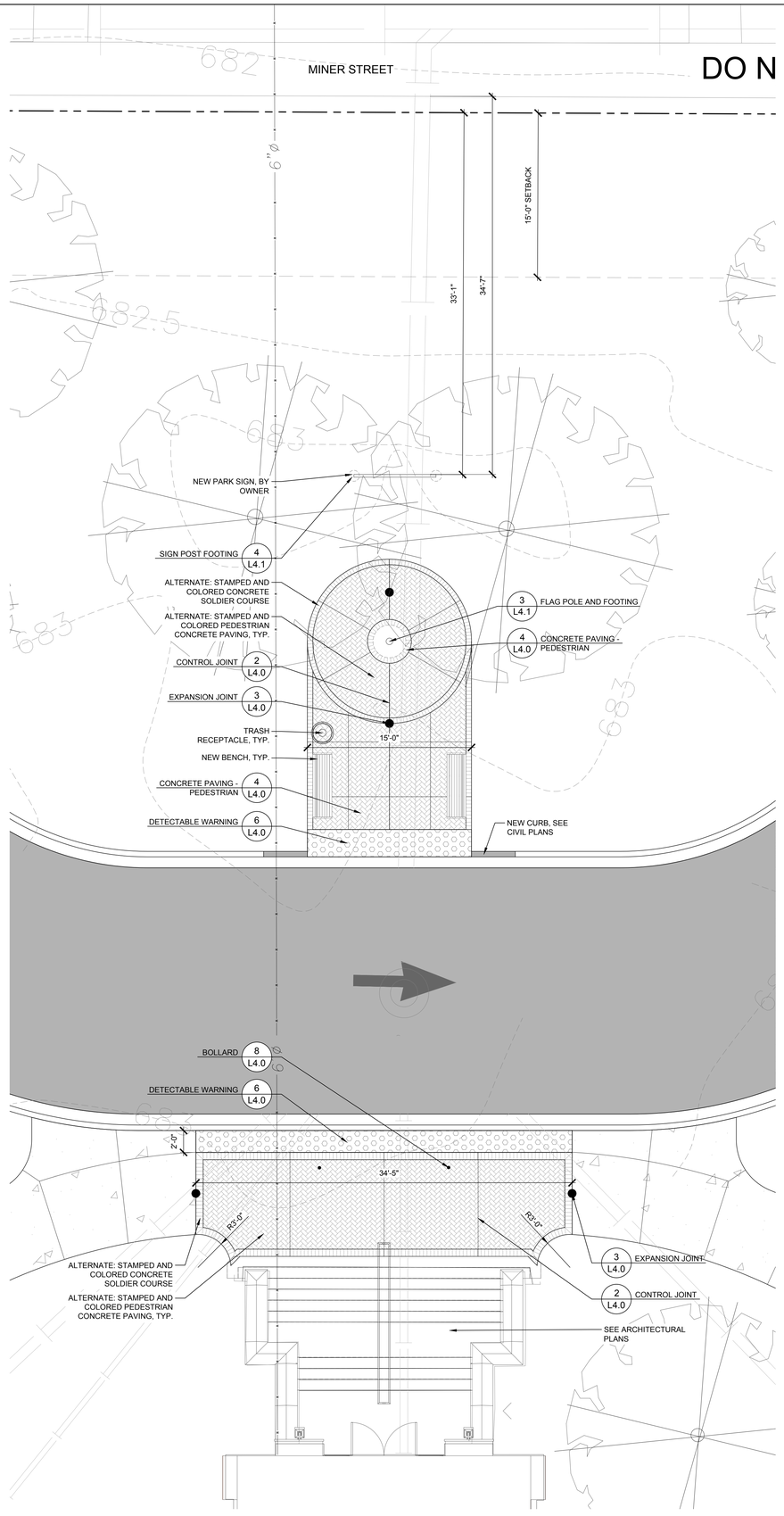

1 **LAYOUT AND MATERIALS PLAN - ENLARGEMENT**
1" = 5'

LAYOUT NOTES

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2. Contractor responsible to coordinate work in order to obtain approval of all layout by Owners Representative prior to construction. No additional payment will be made to correct work if constructed incorrectly without pre-approval by Owners Representative.
3. Contractor responsible to maintain all layout stakes during construction. No additional payment will be made to replace layout stakes.
4. Place stakes at edges of sport courts, fields, limits of playground, shelter, and every 25 feet on center along centerline of all pathways for review by the Owner's Representative prior to earthwork operations.
5. All walls are dimensioned to Face of Wall unless otherwise noted.
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11. Contractor responsible to take delivery, assemble and install all materials and furnishings per manufacturer's instructions.
12. Place control and expansion joints as shown on plans and details for all curbs, walks, walls, steps, and concrete paving. Where joints are not shown, place control joints a maximum of 10 feet on center, expansion joints a maximum of 30 feet on center, and between all separate pours.
13. Contractor will maintain use zone requirements within soft surfacing; no use zone will overlap or be tangent unless noted. Adjust playground barrier curb and/or adjacent paving as needed to accommodate play equipment fall zones.
14. Coordinate location of storm line with playground footings and obtain Owner's approval prior to installation.
15. Layout of soft surface shall be verified in field by landscape architect.
16. Refer to specifications for additional conditions, standards and notes.
17. All improvements to comply with 2018 Illinois Accessibility Code.

LAYOUT LEGEND

- Expansion Joint
- Asphalt Paving - Vehicular, see Civil
- Concrete Paving
- Stamped and Colored Concrete Paving - Alternate
- Project Limit Line

N

SCALE IN FEET

1" = 5'

0' 2.5' 5' 15'

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LAYOUT AND MATERIALS PLAN - ENLARGEMENT

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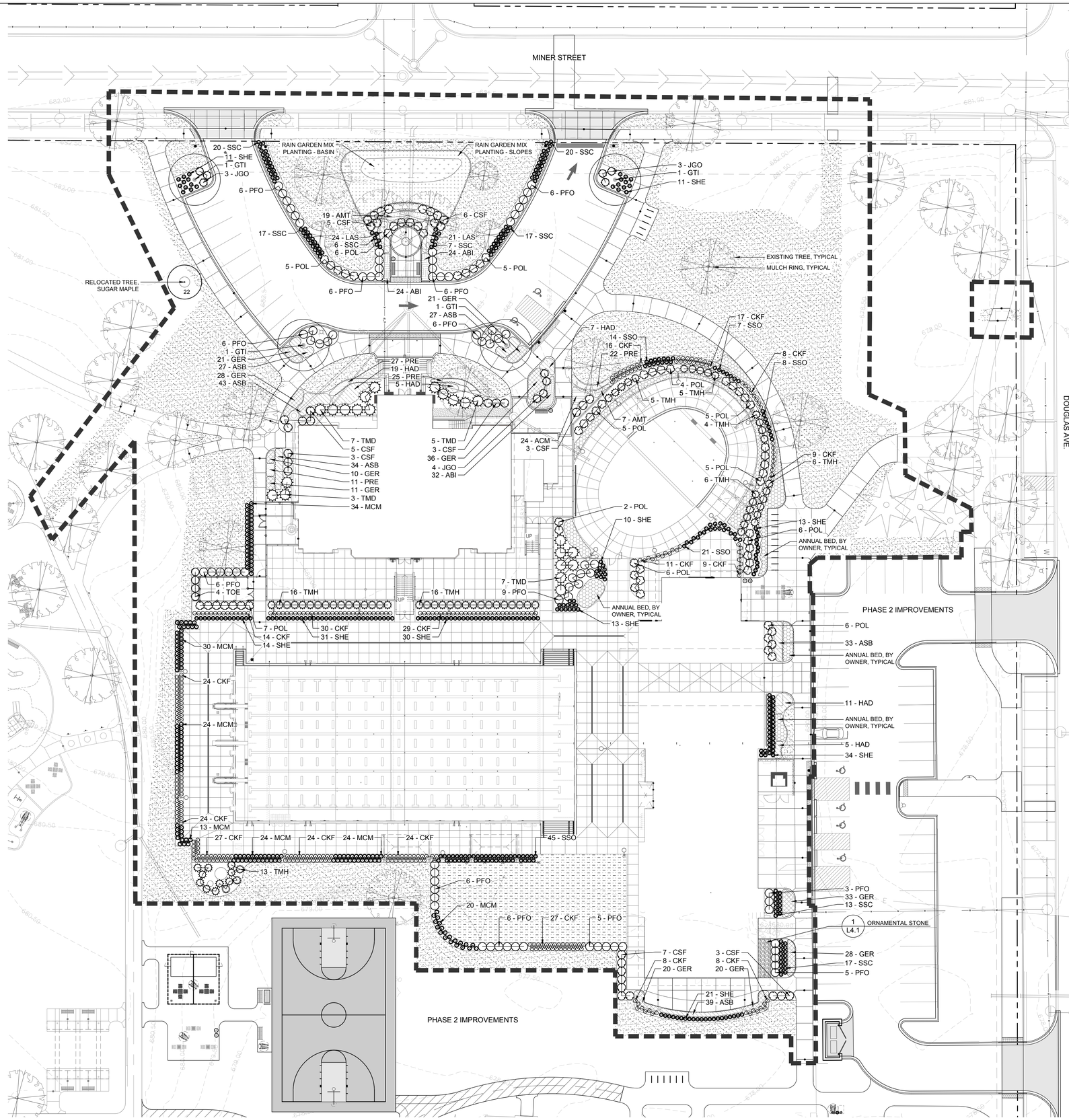

1 PLANTING PLAN
1" = 20'

PLANTING NOTES

1. Seed limit line is approximate. Seed/Sod to limits of grading and disturbance. Contractor responsible for restoration of any unauthorized disruption outside of designated construction area.
2. Contractor responsible for erosion control in all seeded areas.
3. Tree mulch rings in turf areas are 5 foot diameter, typical. Contractor shall provide a mulch ring around all existing trees within the limit of work. Remove all existing grass from area to be mulched and provide a typical v-trench edge.
4. Bedlines are to be spade cut to a minimum depth of 3 inches unless otherwise shown on the plans. Curved bedlines are to be smooth and not segmented.
5. Do not locate plants within 10' of utility structures, or within 5' horizontally of underground utility lines unless otherwise shown on the plans. Consult with Landscape Architect if these conditions exist.
6. Plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn and specified. No additional payments will be made for materials required to complete the work as drawn and specified.
7. Refer to specifications for additional conditions, standards and notes.

PLANTING LEGEND

- Shade Tree, typical. See detail for Installation.
- Ornamental Tree, typical. See detail for installation.
- Shrub, typical. See detail for installation.
- Ornamental Grass, typical. See detail for installation.
- Perennial and Groundcover, typical. See detail for installation.
- Annual, by Owner, typical.
- Rain Garden Mix Planting - Basin
- Rain Garden Mix Planting - Slopes
- Turf Seed - See Specifications
- Turf Seed - Sun-Shade Tolerant Mix, See Specifications
- Maintenance Access
- Project Limit Line

PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
DECIDUOUS TREES					
GTI	Gleditsia triacanthos inermis	Thornless Honey Locust	4" Cal	B&B	4
EVERGREEN TREES					
TOE	Thuja occidentalis `Emerald Green`	Emerald Green Arborvitae	6` Ht.		4
DECIDUOUS SHRUBS					
CSF	Cornus sericea `Farrow`	Arctic Fire® Red Twig Dogwood		5 Gal.	36
POL	Physocarpus opulifolius `Little Devil`	Little Devil™ Dwarf Ninebark		5 Gal.	62
PFO	Potentilla fruticosa	Bush Cinquefoil		5 Gal.	76
EVERGREEN SHRUBS					
JGO	Juniperus x 'Grey Owl'	Grey Owl Juniper	36" Ht.		10
TMD	Taxus x media 'Densiformis'	Dense Anglo-Japanese Yew	36" Ht.		22
TMH	Taxus x media 'Hicksii'	Hicks Anglo-Japanese Yew	48" Ht.		71
ORNAMENTAL GRASSES					
CKF	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass		1 Gal.	309
MCM	Molinia caerulea 'Moorflamme'	Moorflamme Moor Grass		1 Gal.	169
SSC	Schizachyrium scoparium 'Carousel'	Carousel Little Bluestem		1 Gal.	117
SSO	Schizachyrium scoparium 'Standing Ovation'	Standing Ovation Little Bluestem		1 Gal.	95
SHE	Sporobolus heterolepis	Prairie Dropseed		1 Gal.	188

CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
PERENNIALS					
ACM	Achillea x 'Moonshine'	Moonshine Yarrow	1 Gal.	18" o.c.	24
ASB	Allium x 'Summer Beauty'	Summer Beauty Ornamental Onion	1 Gal.	18" o.c.	203
AMT	Amsonia tabernaemontana	Eastern Bluestar	1 Gal.	24" o.c.	26
ABI	Amsonia x 'Blue Ice'	Blue Ice Bluestar	1 Gal.	18" o.c.	80
GER	Geranium x 'Rozanne'	Rozanne Cranesbill	1 Gal.	18" o.c.	228
HAD	Hosta x `Abiqua Drinking Gourd`	Drinking Gourd Hosta	1 Gal.	30" o.c.	47
LAS	Liatris aspera	Rough Blazing Star	1 Gal.	18" o.c.	45

RAIN GARDEN MIX - BASIN	492 sf		
Asclepias incarnata / Swamp Milkweed	26	plug	5% @ 12" o.c.
Carex frankii / Frank's Sedge	77	plug	15% @ 12" o.c.
Carex radiata / Eastern Star Sedge	77	plug	15% @ 12" o.c.
Carex vulpinoidea / Fox Sedge	77	plug	15% @ 12" o.c.
Elymus canadensis / Canada Wild Rye	77	plug	15% @ 12" o.c.
Liatris spicata / Blazing Star	26	plug	5% @ 12" o.c.
Panicum virgatum / Switch Grass	77	plug	15% @ 12" o.c.
Rudbeckia fulgida / Coneflower	26	plug	5% @ 12" o.c.
Verbena hastata / Blue Vervain	26	plug	5% @ 12" o.c.
Zizia aurea / Golden Alexander	26	plug	5% @ 12" o.c.

RAIN GARDEN MIX - SLOPE	1,079 sf		
Echinacea purpurea / Coneflower	112	plug	10% @ 12" o.c.
Geum triflorum / Prairie Smoke	112	plug	10% @ 12" o.c.
Monarda fistulosa / Bergamot	112	plug	10% @ 12" o.c.
Panicum virgatum / Switch Grass	112	plug	10% @ 12" o.c.
Penstemon digitalis / Beardtongue	112	plug	10% @ 12" o.c.
Phlox pilosa / Downy Phlox	112	plug	10% @ 12" o.c.
Schizachyrium scoparium 'Carousel' / Carousel Little Bluestem	224	1 Gal.	20% @ 12" o.c.
Sporobolus heterolepis / Prairie Dropseed	224	plug	20% @ 12" o.c.

N
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PLANTING PLAN

SHEET NO. **L3.0**

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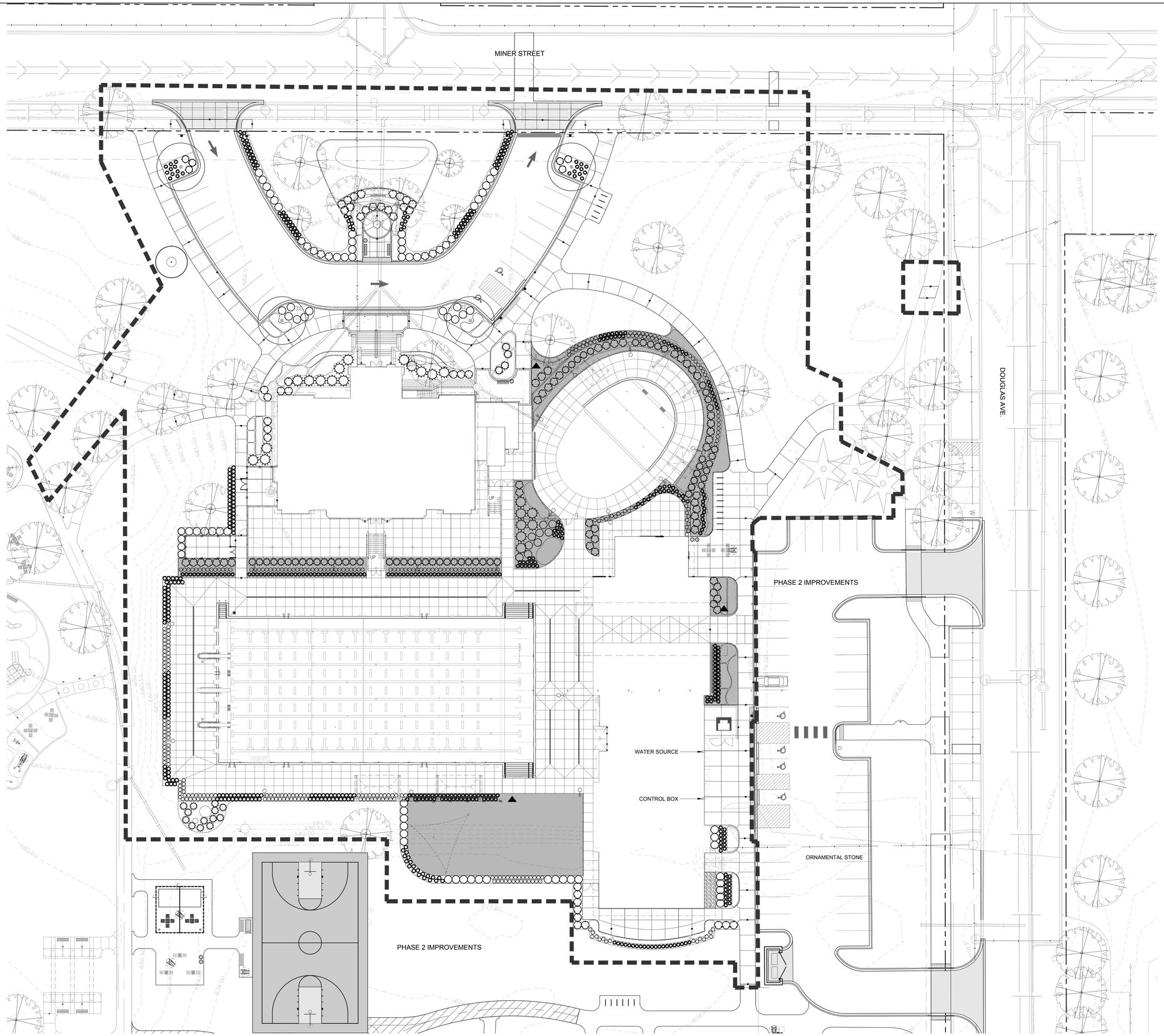

1 IRRIGATION PLAN
1" = 20'

IRRIGATION NOTES

1. Submit shop drawings for a complete and functional irrigation system. System to provide head to head spacing with 100% coverage within areas shown on the irrigation plan.
2. Provide controller and RPZ as required. Coordinate electrical requirements and plumbing requirements with Owner's representative.
3. Locate all valves and quick couplers on the inside edge of all shrub beds where practical. Install valve boxes for both quick couplers and valves. Fill all Valve Boxes with pea gravel.
4. Obtain owner representative's approval of pipe trench and line layout prior to installation.
5. Supply sufficient quantities to provide complete and functional irrigation. Quick coupler locations to be verified in field with Owner's representative.
6. All irrigation pipe shall be 1" min. diameter. All irrigation laterals to be class 160 PVC.
7. Ensure that sprinkler heads do not spray walls, fences, sidewalks or streets.
8. Coordinate with other trades.
9. Provide sleeving as required.
10. Provide Owner as-built drawings of installed system.

LEGEND

- Areas to receive irrigation
- Quick Coupler Locations
- Project Limit Line

N

SCALE IN FEET

1" = 20'

0' 10' 20' 60'

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IRRIGATION PLAN

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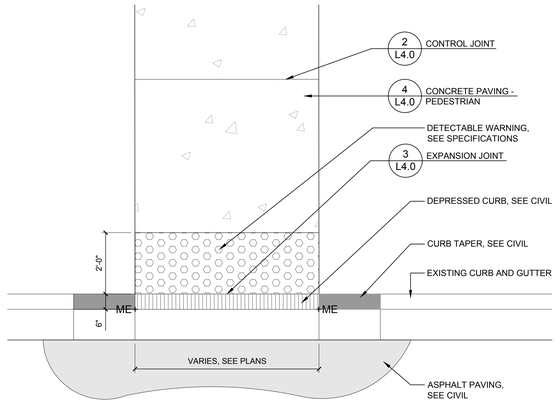
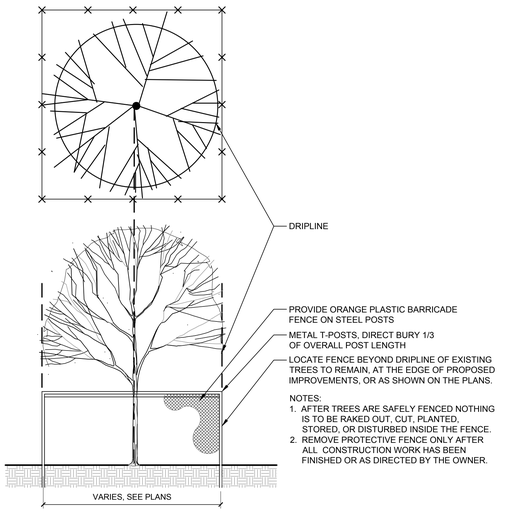


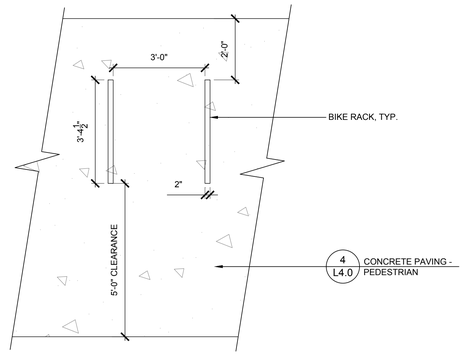
6 DETECTABLE WARNING

1/2" = 1'-0"



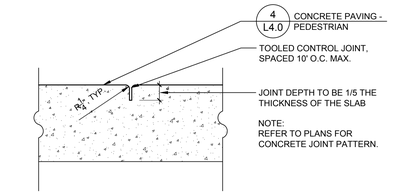
1 TREE PROTECTION FENCE

1/2" = 1'-0"



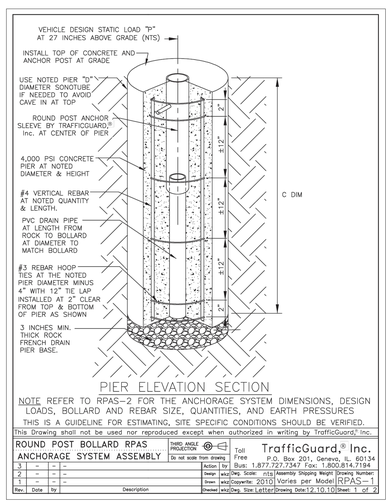
7 BIKE RACK ENLARGEMENT

1/2" = 1'-0"



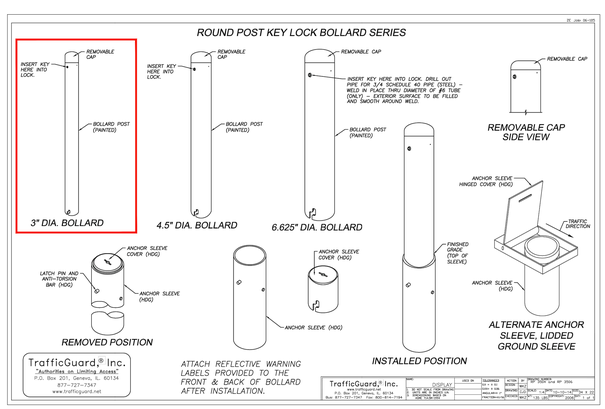
2 CONTROL JOINT

3" = 1'-0"



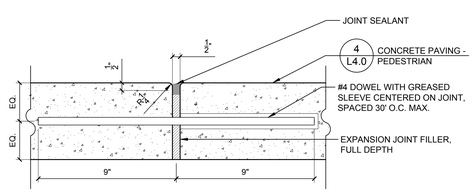
9 BOLLARD FOOTING

1" = 1"



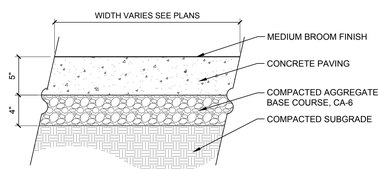
8 BOLLARD

1" = 1"



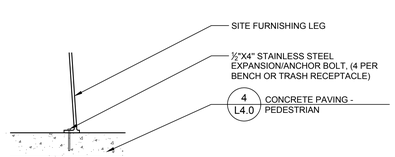
3 EXPANSION JOINT

3" = 1'-0"



4 CONCRETE PAVING - PEDESTRIAN

1 1/2" = 1'-0"



5 SITE FURNISHING ATTACHMENT - SURFACE MOUNT

1" = 1'-0"

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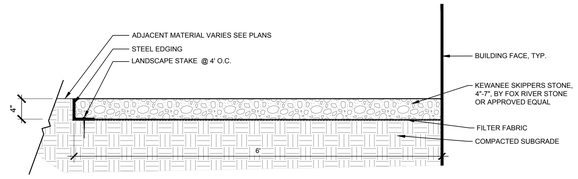
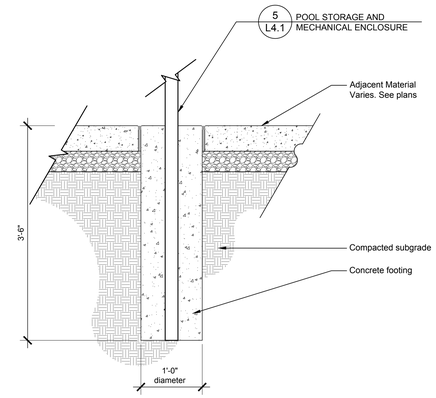


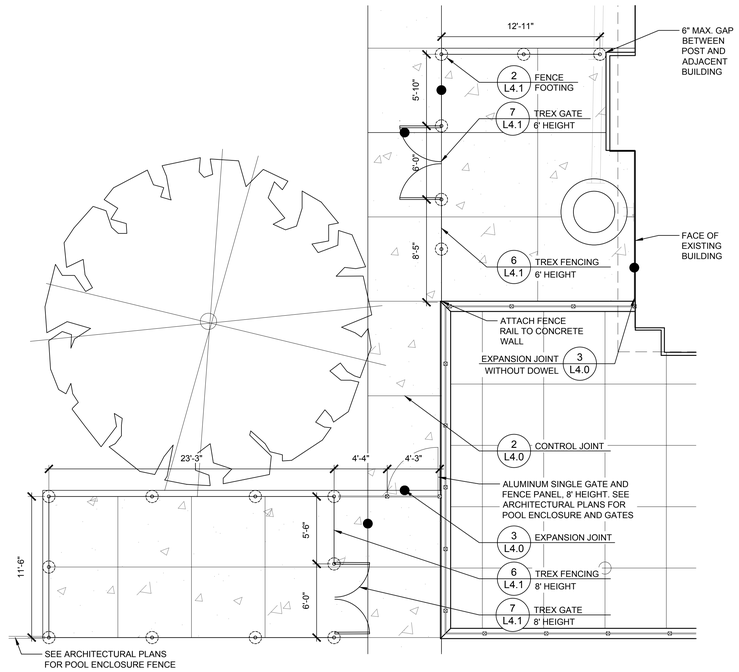
1 ORNAMENTAL STONE

1" = 1'-0"



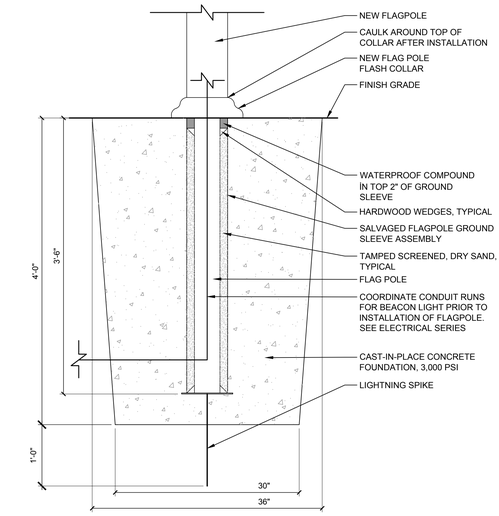
2 FENCE FOOTING

1" = 1'-0"



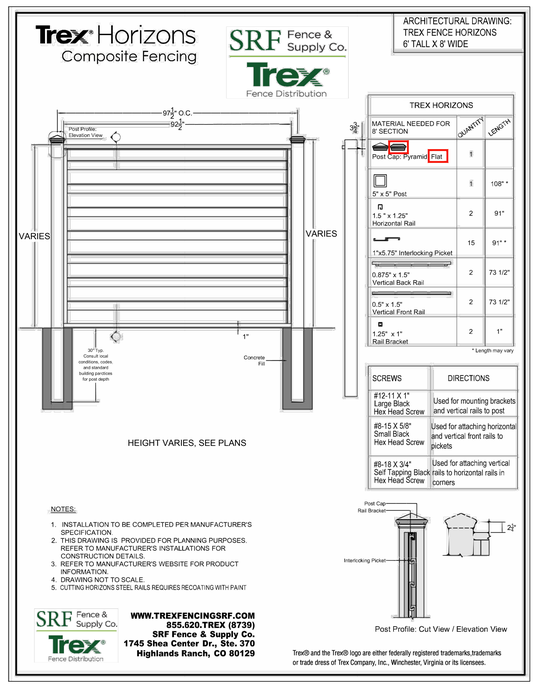
5 POOL STORAGE AND MECHANICAL ENCLOSURE

1" = 5'



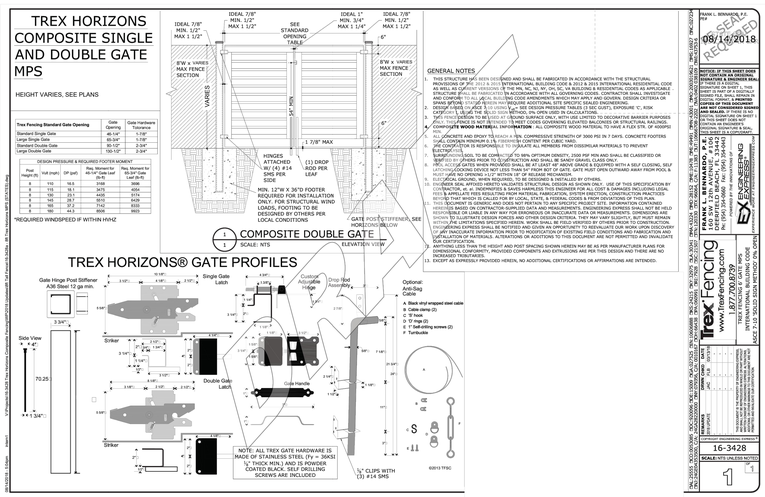
3 FLAG POLE AND FOOTING

1" = 1'-0"



6 TREX FENCING

1" = 1"

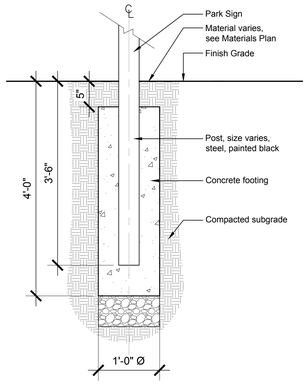


7 TREX GATE

1" = 1"

4 SIGN POST FOOTING

1" = 1'-0"



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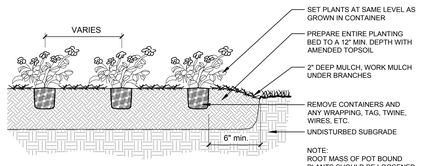
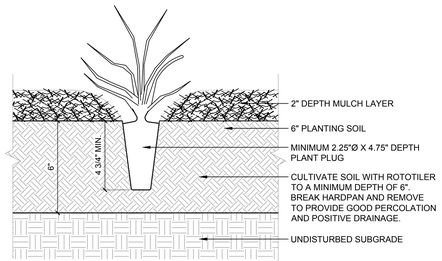


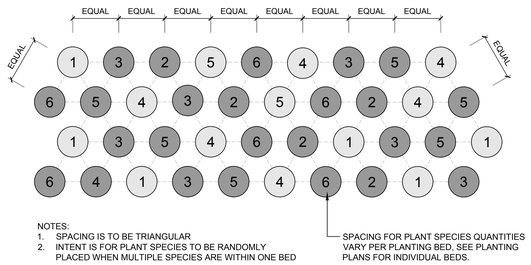
4 PERENNIAL PLANTING

1/2" = 1'-0"



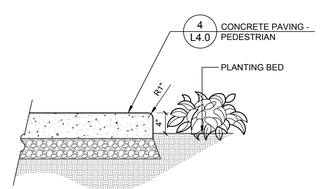
5 PLUG PLANTING

3" = 1'-0"



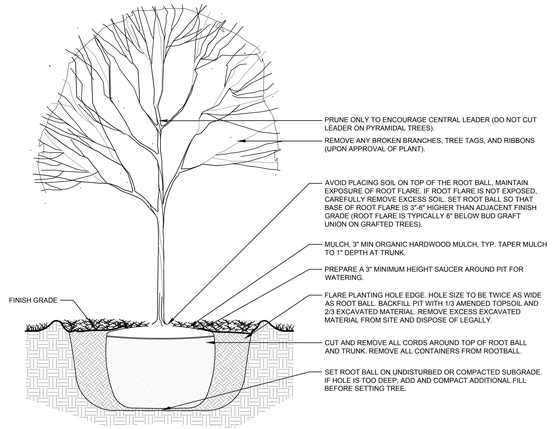
6 PLANT SPACING

1/2" = 1'-0"



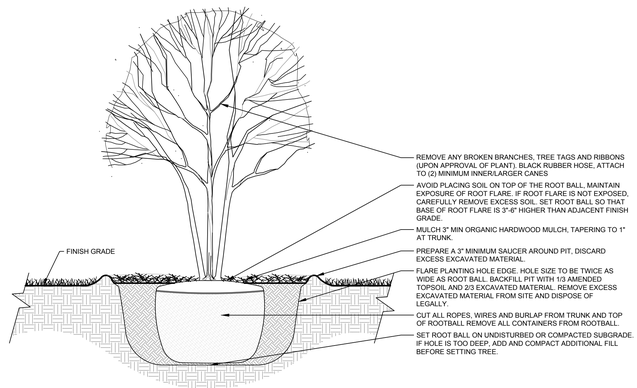
7 PLANTING EDGE AT POOL & SPLASHPAD

1" = 1'-0"



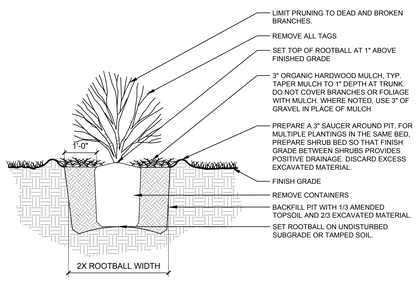
1 SHADE TREE - NO TP

1/2" = 1'-0"



2 ORNAMENTAL TREE PLANTING

1/2" = 1'-0"



3 SHRUB DETAIL

1/2" = 1'-0"

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EXHIBIT G

PRELIMINARY CIVIL PLANS

RECREATION PARK - PH2 & PH3

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A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
   * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * VILLAGE OF ARLINGTON HEIGHTS MUNICIPAL CODE;
   * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
   * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO WMCJOBSTART@MWRD.ORG).
2. THE VILLAGE OF ARLINGTON HEIGHTS ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS ____0.0__ FT.
2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼ " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
    a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
    b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
    c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING INTEGRATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.



SITE LOCATION MAP
NTS

INDEX OF SHEETS

C0.1	CIVIL NOTES & TITLESHEET
C0.2	CIVIL NOTES & LEGENDS
C0.3	EXISTING TOPOGRAPHIC CONDITIONS
C1.1	SITE DEMOLITION PLAN – NORTH
C1.2	SITE DEMOLITION PLAN – SOUTH
C2.1	SITE UTILITY PLAN – NORTH
C2.2	SITE UTILITY PLAN – SOUTH
C2.3	SITE UTILITY PLAN – ENLARGED – POOL AREA
C3.1	SITE GRADING PLAN – NORTH
C3.2	SITE GRADING PLAN – SOUTH
C3.3	SITE GRADING PLAN – ENLARGED – POOL AREA
C4.1	SESC PLAN – NORTH
C4.2	SESC PLAN – SOUTH
C5.0	CIVIL SITE WORK DETAILS
C5.1	CIVIL SITE WORK DETAILS
C5.2	CIVIL SITE WORK DETAILS
C5.3	CIVIL SITE WORK DETAILS

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.

P (708) 588-4055
E WMOJobStart@mwrd.org

STORMWATER EXHIBITS

CX.1	DRAINAGE EXHIBIT – PROPOSED CONDITIONS
CX.1V	DRAINAGE EXHIBIT – PROPOSED CONDITIONS – VILLAGE
CX.2	OVERFLOW EXHIBIT
CX.3	EXHIBIT R – MONITORING & MAINTENANCE EXHIBIT
CX.FP	FIRE PROTECTION EXHIBIT 1

"To the best of our knowledge and belief, the drainage of the surface waters will not be changed by the construction of this project or any part thereof, or, that if drainage will be changed, reasonable provision has been made for collection and diversion of such surface waters into public areas, or drains approved for use by the Director of Public Works and Engineering, and that such surface waters are planned for in accordance with generally accepted engineering practices so as to reduce the likelihood of damage to adjoining properties because of the construction of this project."

ILLINOIS LICENSED PROFESSIONAL ENGINEER — JEFF S. GELDMEYER — 062-072792 — OF ILLINOIS

Jeff Geldmyer
Registered Professional Engineer

EXPIRATION DATE: 11/30/2025

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892–0123

DUTY TO INDEMNIFY

The contractor shall defend, indemnify, keep and save harmless the municipality, owner and engineer, and their respective board members, representatives, agents and employees, in both individual and official capacities, against all suits, claims, damages, losses and expenses, including attorney's fees, caused by, growing out of , or incidental to the performance of the work under the contract by the contractor or its subcontractors to the full extent as allowed by the laws of the State of Illinois and not beyond any extent which would render these provisions void or unenforceable. This obligation includes but is not limited to: the Illinois laws regarding structural work [IL. Rev. Stat. Ch. 48, Par. 60 at Seq.]. In the event of any such injury [including death] or loss or damage, of claims therefore, or claims therefore, the contractor shall give prompt notice to the owner.

SURVEY PROVIDED BY:

Plat of Survey and Norman J. Toberman & Associates For Arlington Heights Park District on February 24, 2022. Order Number 21–7338

PROJECT BENCHMARKS

Site Benchmark 1:
NW Flange Bolt on Hydrant at NW Corner of Miner St and Haddow Ave.
Elevation = 683.63 (NAVD88)

Site Benchmark 2:
NW Flange Bolt on Hydrant at NW Corner of Wing St and Belmont Ave.
Elevation = 683.27 (NAVD88)

Site Benchmark 3:
NW Flange Bolt on Hydrant at NE Corner of Northwest Highway and Belmont Ave.
Elevation = 681.80 (NAVD88)

Site Benchmark 4:
NW Flange Bolt on Hydrant on West Side of Douglas Ave North of Northwest Highway.
Elevation = 682.97 (NAVD88)

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LANDSCAPE
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STRUCTURAL
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M.E.P.
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314.894.1245

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ILLINOIS LICENSED PROFESSIONAL ENGINEER — JEFF S. GELDMEYER — 062-072792 — OF ILLINOIS

EXPIRATION DATE: 11/30/2025

NO	DATE	ISSUANCE DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

CIVIL NOTES & TITLE SHEET

SHEET NO.
C0.1

JOB NO. 24-4036.01

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EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase 1\Drawings\Site Plan – Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:06pm By: jgeldmyer

DEMOLITION NOTES

1. *All Signs to Be Removed Shall Be Salvaged and Stored in the Owner's Facility for Future Use as Applicable.*
2. *Keep All Village Streets Free and Clear of Construction Related Dirt/Dust/Debris.*
3. *Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.*
4. *Coordinate Removal of Overhead Wires And Utility Poles With Authorities Having Jurisdiction And Respective Utility Providers.*
5. *The Existing Building is to Remain Operational During Construction. Therefore, the Temporary Relocation of All Necessary Utilities Serving the Existing Building Shall Be Coordinated Prior to the Commencement of Construction Operations.*
6. *All Sawcutting Shall be Full Depth to Provide a Clean Edge to Match New Construction. Match Existing Elevations at Points of Connection for New and Existing Pavement, Curb, Sidewalks, etc. All Sawcut Locations Shown Are Approximate and May Be Field Adjusted to Accommodate Conditions, Joints, Material Type, etc. Remove Minimum Amount Necessary for Installation of Proposed Improvements.*
7. *Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.*
8. *All Light Poles to Be Removed From Private Property Shall Be Removed in Their Entirety, Including Base and All Appurtenances. Coordinate Abandonment of Electrical Lines With Electrical Engineer and Owner Prior to Demolition.*
9. *Perform Tree Pruning In All Locations Where Proposed Pavement And/Or Utility Installation Encroach Within The Existing Drip Line Of Trees To Remain. All Trenching Within The Drip Line Of Existing Trees To Remain Shall Be Done Radially Away From Trunk If Roots In Excess Of 1" Diameter Are Exposed. Roots Must Be Cut By Reputable Tree Pruning Service Prior To Any Transverse Trenching. Obtain Approval Of The Architect Prior To Operations For A Variance From This Procedure.*
10. *Coordinate Tree Removal with Landscape Architect. All Trees To Be Removed Shall Be Removed In Their Entirety and Stumps Shall Be Ground to Proposed Subgrade. Use As Mulch for Proposed Landscaping Where Applicable and Acceptable to Architect.*
11. *Provide Tree Protection Fencing Prior To Construction Operations. Maintain Throughout Construction.*

DEMOLITION LEGEND

- *Utility Line Removal*
- *Bituminous Pavement Removal (Full Depth)*
- *Concrete Pavement Removal (Full Depth)*
- *Gravel Removal (Full Depth)*
- *Pavement Sawcut*
- *Curb & Gutter Removal*
- *Structure Removal*
- *Tree Removal*

Pool Deck General Notes:

1. *General: The Term "Pool Deck" When Noted on the Drawings and Specifications Shall Refer to the Swimming Pool Deck, Concessions Deck, and the Splash Pad Deck.*
2. *Slope: The Pool Deck Shall Slope at Least 1 Inch Per 10 Feet (1:120 Or 0.83 %) to Deck Drains or to the Surrounding Ground Surface. The Maximum Running Slope of the Pool Deck Shall Not Exceed 5/8 Inch Per Foot (1:20 Or 5.00%). The Maximum Cross Slope of the Pool Deck Shall Not Exceed 1/4 Inch Per Foot (1:48 Or 2.083 %).*
3. *Perimeter: The Outer Perimeter of the Deck for Outdoor Pools Shall Be at Least 4 Inches Higher Than the Surrounding Ground Surface Except Where Access is Provided to Adjacent Turf Areas.*
4. *Refer to the Arch. Drawings, Site Plan and Site Details, for Pool Deck General Requirements, Layout and Dimensions, Expansion Joints (EJ), Control Joints (CJ), Materials, Finishes, and Details.*
5. *Refer to The Civil Drawings, Site Grading and Paving Plan, for Pool Deck Elevations.*

Pool Deck Trench Drains, Area Drains, and Landscape Drains General Notes:

1. *Drainage Area: Except for Linear Drains, Deck Drains Shall Be Located So That Not More Than 900 Square Feet of Deck Area is Tributary to Each Drain, and Deck Drains Shall Not Be More Than 30 Feet Apart. Deck Drains Shall Be Located So That Water Does Not Drain More Than 15 Feet in Any One Direction. Where Deck Widths are 15 Feet or Less, Deck Drains are Not Required, Provided That the Deck Drains to the Ground Surface. The Deck Drains Shall Not Be Connected to the Pool Water Recirculation System. Up to 10 Feet of the Deck Adjacent to a Zero-Depth Edge May Be Drained Into the Pool.*
2. *All Pool Deck Trench Drains Shall be NDS, 5" Pro Series, with ADA Compliant/Heel Proof Channel Grates. Miter Straight Drain Sections to Follow Curved Geometry. Color Selected By Architect.*
3. *All Pool Deck Area Drains Shall be NDS Pipe Grate with 6" Square Ada Compliant/Heel Proof Grates with Adapters. Color Selected By Architect.*
4. *All Pool Landscape Drains Shall be NDS, 12"X12" Square Catch Basin with ADA Compliant/Heel Proof Grates and Filter Baskets. Pipe to Exit Bottom of Structure With Adapter Provided by NDS. Color Selected By Architect.*
5. *Refer to the Arch. Drawings, Site Details, for Details of Pool Deck Trench Drains, Areas Drains, and Landscape Drains.*
6. *Refer to the Civil Drawings, Site Grading and Paving Plan, for Drain Rim Elevations/Pipe Inverts.*

UTILITY NOTES

1. *Field Verify Invert & Locations of Existing Utility Mains Prior to Installing Any On-Site Utilities or Structures. All Elevations and Inverts Referencing Said Utility Shall Be Field Verified Prior To Installation Of Any New Structures Or Utilities, and Adjustments Shall Be Made as Necessary. Contact Engineer Prior to Installation if Discrepancy Exists With These Drawings.*
2. *Coordinate the Relocation Of Any Utilities Encountered And Replacement Of Any Utilities Damaged Within Influence Zone Of New Construction. Contact Engineer If The Existing Utilities Vary From The Plans.*
3. *All Water Main and Services Shall Be Installed at a Minimum Depth of 5.5' From Top of Finished Ground Elevation to Top of Main.*
4. *Protection of water supplies shall be as described in Section 370.350 of the Illinois Recommended Standards for Sewage Works or Section 41-2.01 of the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.*
5. *Clean Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.*
6. *The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.*
7. ***Adjust Frame Elevations Of All Structures Located Within The Limits Of The Project To Match Proposed Elevations. Add Or Remove Adjusting Rings As Necessary And Install New Mortar At Rings And Frame. Install New Chimney Seals On Any Sanitary Structures Being Adjusted.***
8. ***All Abandoned Sewers Shall Be Plugged at Both Ends With a Minimum of 2-Foot Long Non-Shrink Concrete Plug.***
9. ***All PVC Sewer Shall Be SDR26 Unless Otherwise Noted as PVC C900.***

STRUCTURE NOTES

1. *All Catch Basins to Be Installed in Paved Areas Shall Have Neenah R2504-D Frame & Grate or Approved Equal.*
2. *All Catch Basins to Be Installed in Landscaped Areas Shall Have **Neenah R4340-B Frame & Grate** or Approved Equal. For Cone Sections Install a Minimum of 4" Grade Rings For Topsoil Respread. For Flat Slab Tops Install the Following Minimum Height of Grade Rings:*
   - *4' Diameter Structure- 4"*
   - *5' Diameter Structure- 6"*
   - *6' Diameter Structure- 8"*
3. *All Catch Basins to Be Installed Along Curb and Gutter (B-6.12) Shall Have Neenah R3281-A Frame & Grate or Approved Equal.*
4. *All Catch Basins to Be Installed Along Depressed Curb and Gutter (Dep B-6.12) Shall Have East Jordan Iron Works 5120 Catch Basin Inlet Frame and Grate, or Approved Equal.*
5. *Where Structures are Shown Along the Curbline, Unless Specifically Stated Otherwise, it Is Intended That the Frame of the Structure Is To Fall Within the Flowline Of The Gutter or at the Pavement Edge Where No Gutter Exists.*
6. *All Manholes Shall Have Neenah R1713-B Frame & Closed Lid or Approved Equal, with "Storm" or "Sanitary" Imprinted as Appropriate.*
7. *For All Structures Indicated to be Adjusted, Remove and Install Adjusting Rings, Cone Section, Barrel Sections, or Flat Slab Top as Necessary.*
8. *All Flared End Sections 12" and Larger Shall Include an IDOT Standard Grate.*
9. *All Flared End Sections Shall Be Concrete.*

PAVING & SURFACE LEGEND

- ***Heavy Duty Asphalt Pavement***
  1 1/2" Hot Mix Asphalt,Mix D, IL-9.5, N50
  3 1/2" Hot Mix Asphalt, IL-19.0, N50
  Prime Coat (0.25 gal/sq yd)
  10" Aggregate Base Course, Type B, Crushed, CA-6
  Tensar NX750 Geogrid or Approved Equal
  Omit Geogrid in Pubclic ROW
- ***Asphalt Pavement Section***
  1 1/2" Hot Mix Asphalt,Mix D, IL-9.5, N50
  2 1/2" Hot Mix Asphalt, IL-19.0, N50
  Prime Coat (0.25 gal/sq yd)
  6" Aggregate Base Course, Type B, Crushed, CA-6
- ***Concrete Driveway Section***
  8" Portland Cement Concrete
  6"x6" W2.9xW2.9 Welded Wire Fabric
  6" Aggregate Base Course, Type B, Crushed
- ***Asphalt Path Pavement Section***
  See LA Plans For Section and Details
- ***Concrete Sidewalk Section***
  See LA Plans For Section and Details
- ***Pavement Restoration in Public Way***
  Match Ex. Section
- *Stormwater Overland Flow Path*
- *Ridge Line/High Point*

GRADING NOTES

1. *The Grading and Construction of Proposed Improvements Shall Be Done In A Manner Which Will Allow For Positive Drainage, and Not Cause Ponding of Stormwater on the Surface of Proposed Improvements.*
2. *All Landscaped Areas Disturbed By Construction Shall Be Respread With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and **Hydroseeded** Unless Noted Otherwise On The Landscape Drawings.*
3. *Refer to Landscape Architecture Drawings for Locations and Patterns of Expansion and Control Joints in Concrete Pavement and Sidewalks.*
4. *Accessible Parking Spaces and Loading Spaces Shall Be Sloped at Maximum 2.0% in Any Direction. Maximum Sidewalk Cross Slopes Shall be 2.0%. Maximum Longitudinal Sidewalk Slope Shall Be 4.9%. Contact Engineer if Conflicts Exist.*
5. ***Adjust Frame Elevations Of All Structures Located Within The Limits Of The Project To Match Proposed Elevations. Add Or Remove Adjusting Rings As Necessary And Install New Mortar At Rings And Frame. Install New Chimney Seals On Any Sanitary Structures Being Adjusted.***

INTENDED SEQUENCE OF MAJOR SEDIMENT AND EROSION CONTROL MEASURES

1. ***Install Stabilized Construction Entrance***
2. ***Install All Downslope and Sidesiope Perimeter Controls Before Commencement of Any Ground Disturbing Activity.***
3. ***Do Not Disturb An Area Until It Is Necessary For Construction To Proceed.***
4. ***Cover and Stabilize Disturbed Areas As Soon As Possible.***
5. ***When Practical, Time Construction Activities To Limit Impact From Seasonal Climate Changes or Weather Events.***
6. ***Construct Sedimentation Basins and Structures.***
7. ***Perform Grading Operations and Installation of Site Infrastructure and Pavement.***
8. ***Install Permanent Seeding and Plantings.***
9. ***Remove Accumulated Sediment From Basins and Along Silt Fence.***
10. ***Construction of Infiltration Measures Shall Take Place Following Stabilization of Upstream Drainage Areas.***
11. ***Remove Temporary Sediment and Erosion Control Measures Following Final Stabilization of All Disturbed Areas.***

SOIL EROSION & SEDIMENTATION CONTROL NOTES

1. *Illinois Urban Manual Shall Govern All Soil Erosion and Sediment Control, and Related Work.*
2. *Soil Disturbance Shall Be Conducted in Such a Manner as To Minimize Erosion. Soil Stabilization Measures Shall Consider the Time of Year, Site Conditions, and the Use of Temporary or Permanent Measures.*
3. *Soil Erosion and Sediment Control Features Shall Be Constructed Prior to the Commencement of Upland Disturbance.*
4. *Temporary Soil Stabilization Shall Be Applied to Topsoil Stockpiles and Disturbed Areas, Where Construction Activity Will Not Occur For A Period of More Than 14 Calendar Days, Temporary Measures Shall Be Applied Within 7 Calendar Days of the End of Active Hydrologic Disturbance. The Sediment Control Measures Shall Be Maintained On A Continuing Basis Until The Site Is Permanently Stabilized And All Inspections Are Complete. Permanent Stabilization Shall Be Completed Within 14 Days after Completion of Final Grading of Soil.*
5. *All Temporary And Permanent Erosion Control Measures Shall Be Removed Within 30 Days After Final Site Stabilization Is Achieved Or After The Temporary Measures Are No Longer Needed. Trapped Sediment And Other Disturbed Soil Areas Shall Be Permanently Stabilized.*
6. *Final Site Stabilization Is Defined By The EPA General Permit As Meaning That All Soil Disturbing Activities At The Site Have Been Completed, And That A Uniform Perennial Vegetative Cover With A Density Of 70 Percent Of The Cover For Unpaved Areas Not Covered By Permanent Structures Has Been Established Or Equivalent Permanent Stabilization Measures (Such As The Use Of Riprap, Gabions, Or Geotextiles) Have Been Employed.*
7. ***All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall Be Protected, Filtered, Or Otherwise Treated To Remove Sediment. The General Contractor Shall Use "Catch-All" Inlet Protectors (or equal) and Filter Wattles Around The Grate In Landscaped Areas And "Catch-All" Inlet Protectors (or equal) In Paved Areas To Prevent Siltation.***
8. *All Temporary And Permanent Sediment And Erosion Control Measures Must Be Maintained, Repaired, And Inspected In Conformance With All Applicable IEPA-NPDES Phase II.*
9. *Install And Maintain Silt Fence At The Perimeter Of The Construction Zone And Wetland Areas And As Shown On The Plans. Maintain Silt Fence Throughout Construction And Until Vegetation Has Been Fully Established.*
10. *The Erosion Control Measures Indicated On The Drawings Are The Minimum Requirements. Additional Measures May Be Required As Directed By The Qualified Soil and Erosion Sediment and Control Inspector Or Governing Agency.*
11. *Unless Otherwise Indicated on the Drawings, Stabilize All Disturbed Ground Areas Where Slopes Exceed 6:1 or Within Swales with North American Green BioNet SC150BN Erosion Control Blanket, or Approved Equal.*
12. *Report Releases of Reportable Quantities of Oil or Hazardous Materials If They Occur In Accordance with IEPA NPDES Requirements.*
13. *All Concrete Washout Shall Conform To The "Temporary Concrete Washout Facility" Standards (Code 954) of the Illinois Urban Manual, Latest Edition.*
14. *Dewatering of Excavations Shall be Performed in a Manner Such as Through the use of Filter Bags or Polymer Treated Dewatering Swales, so as to Not Discharge Sediment Laden Water into Storm Sewers Tributary to Open Water.*

SOIL EROSION & SEDIMENTATION CONTROL LEGEND

- *Silt Fence*
- *Catch-All, Pork Chop Sediguard (or equal) Paved or Existing Stabilized Areas*
- *Filter Wattle Inlet Protection with Dandy Pop (or equal) Landscape Areas*
- *Erosion Control Blanket North American Green DS75 Or Approved Equal*

LEGEND

EXISTING		*PROPOSED*
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
$O_{C.O.}$	*Clean Out*	$O_{C.O.}$
S	*Storm Sewer*	S
S	*Sanitary Sewer*	S
S	*Combined Sewer*	S
W	*Water Main*	W
G	*Gas Line*	G
OH	*Overhead Wires*	OH
E	*Electrical Cable (Buried)*	E
T	*Telephone Line*	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
O_{DS}	*Downspout*	O_{DS}
O_{BOL}	*Bollard*	O_{BOL}
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
× C 782.50	*Curb Elevation*	C 782.50
× G 782.00	*Gutter Elevation*	G 782.00
× P 783.25	*Pavement Elevation*	P 783.25
× W 782.10	*Sidewalk Elevation*	W 782.10
× 784.0	*Ground Elevation*	× 784.0
	Swale	
781	*Contour Line*	781
	Deciduous Tree	
	Coniferous Tree	

GENERAL NOTES

1. *The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and Is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.*
2. *Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.*
3. ***Contractor Shall Provide Private Utility Locating Services for the Project Area.***
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6. *These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly. **Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.***
7. *No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.*
8. *The Engineer Is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.*
9. ***Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.*** *Provide Photograph of Restrictor Plate(s) Including Ruler Across Opening for Verification of Restrictor Diameter.*
10. *The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.*

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855.962.4422

LICENSED PROFESSIONAL ENGINEER
JEFF S. GELDMYER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

ISSUANCE		
NO	DATE	DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

CIVIL NOTES & LEGENDS

SHEET NO.
C0.2

JOB NO. 24-4036.01

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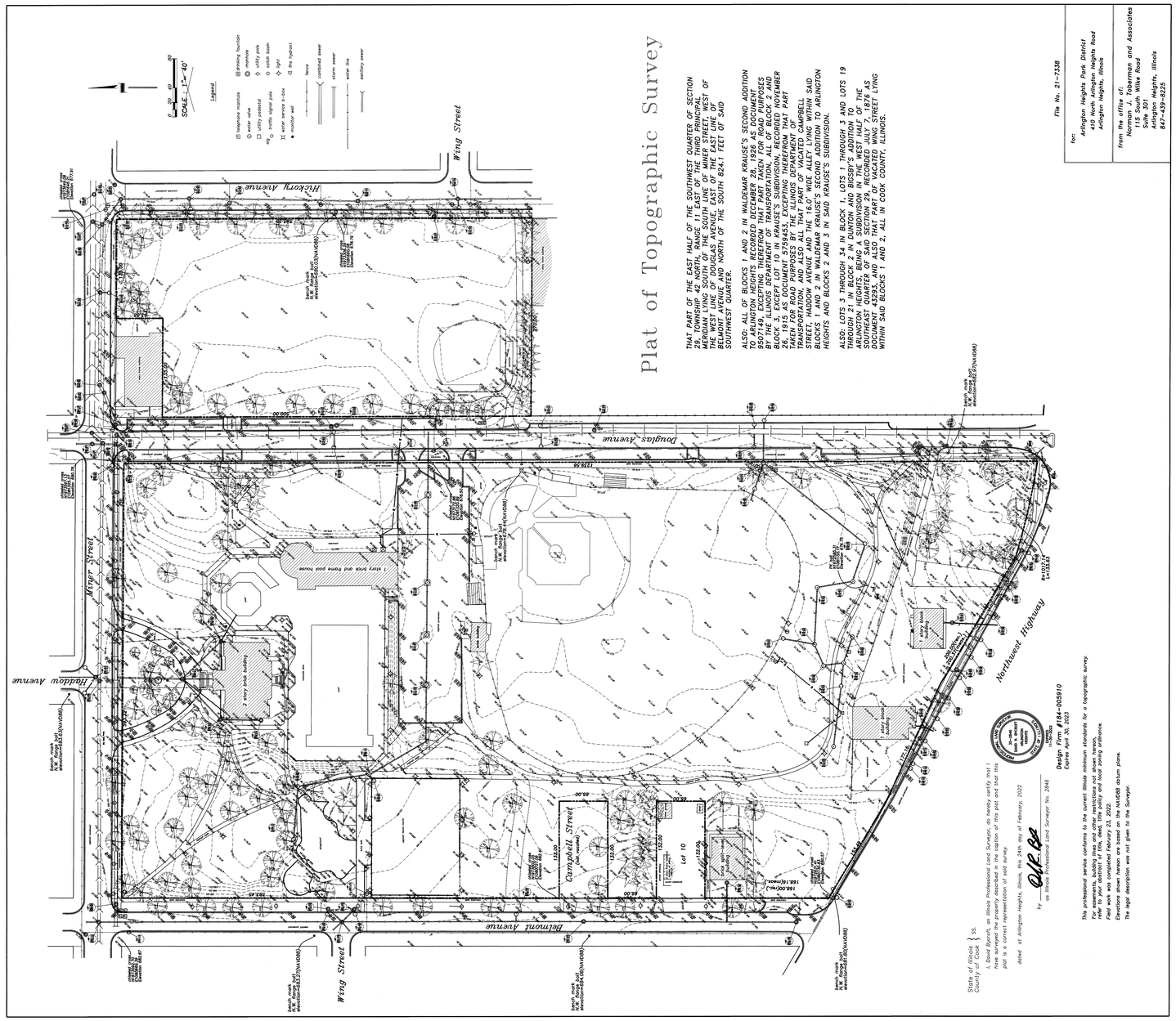
EEA - \\FILE-GRAY\Projects\23224 - Hitchcock - Recreation Park Phase I\Drawings\Site Plan - Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:36pm By: jgeldmyer


Plat of Topographic Survey
THAT PART OF THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 29, TOWNSHIP 42 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN LYING SOUTH OF THE NORTHWESTERLY RIGHT OF WAY LINE OF THE WEST LINE OF DOUGLAS AVENUE, EAST OF THE EAST LINE OF BELMONT AVENUE AND NORTH OF THE SOUTH 824.1 FEET OF SAID SOUTHWEST QUARTER.
ALSO: ALL OF BLOCKS 1 AND 2 IN WALDEMAR KRAUSE'S SECOND ADDITION TO ARLINGTON HEIGHTS, RECORDED DECEMBER 28, 1926 AS DOCUMENT NO. 9214, EXCEPTING THEREFROM THAT PART THEREOF TAKEN FOR ROAD PURPOSES BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, ALL OF BLOCK 2 AND BLOCK 3, EXCEPT LOT 10 IN KRAUSE'S SUBDIVISION, RECORDED NOVEMBER 26, 1915 AS DOCUMENT 135645, EXCEPTING THEREFROM THAT PART TAKEN FOR ROAD PURPOSES BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND ALSO ALL THAT PART OF VACATED CAMPBELL STREET, HADDON AVENUE AND THE EAST-WEST 16.5 FOOT WIDE ALLEY LYING WITHIN SAID BLOCKS 1 AND 2 IN WALDEMAR KRAUSE'S SECOND ADDITION TO ARLINGTON HEIGHTS AND BLOCKS 2 AND 3 IN SAID KRAUSE'S SUBDIVISION.
ALSO: LOTS 3 THROUGH 14 IN BLOCK 1, LOTS 1 THROUGH 3 AND LOTS 19 THROUGH 21 IN BLOCK 2 IN DUNTON AND BISSBY'S ADDITION TO ARLINGTON HEIGHTS, BEING A SUBDIVISION IN THE WEST HALF OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SAID SECTION 29, RECORDED JULY 7, 1875 AS DOCUMENT 42534, AND ALSO THAT PART OF HADDEN AVENUE LYING WITHIN SAID BLOCKS 1 AND 2, ALL IN COOK COUNTY, ILLINOIS.
File No. 21-7358
for:
Arlington Heights Park District
410 North Arlington Heights Road
Arlington Heights, Illinois
from the office of:
Norman J. Toberman and Associates
115 South Wilke Road
Suite 301
Arlington Heights, Illinois
847-439-8225
SCALE: 1" = 40'
Legend
telephone manhole
electric box
utility pole
utility pedestal
traffic signal pole
traffic signal box
water service b-box
wooden post
fire hydrant
fence
combined sewer
storm sewer
water line
sanitary sewer
Miner Street
Hickory Avenue
Douglas Avenue
Wing Street
Hadden Avenue
Belmont Avenue
Campbell Street
Northwest Highway
1 story brick and frame pool house
Lot 10
Lot 1
Lot 2
Lot 3
Lot 4
Lot 5
Lot 6
Lot 7
Lot 8
Lot 9
Lot 11
Lot 12
Lot 13
Lot 14
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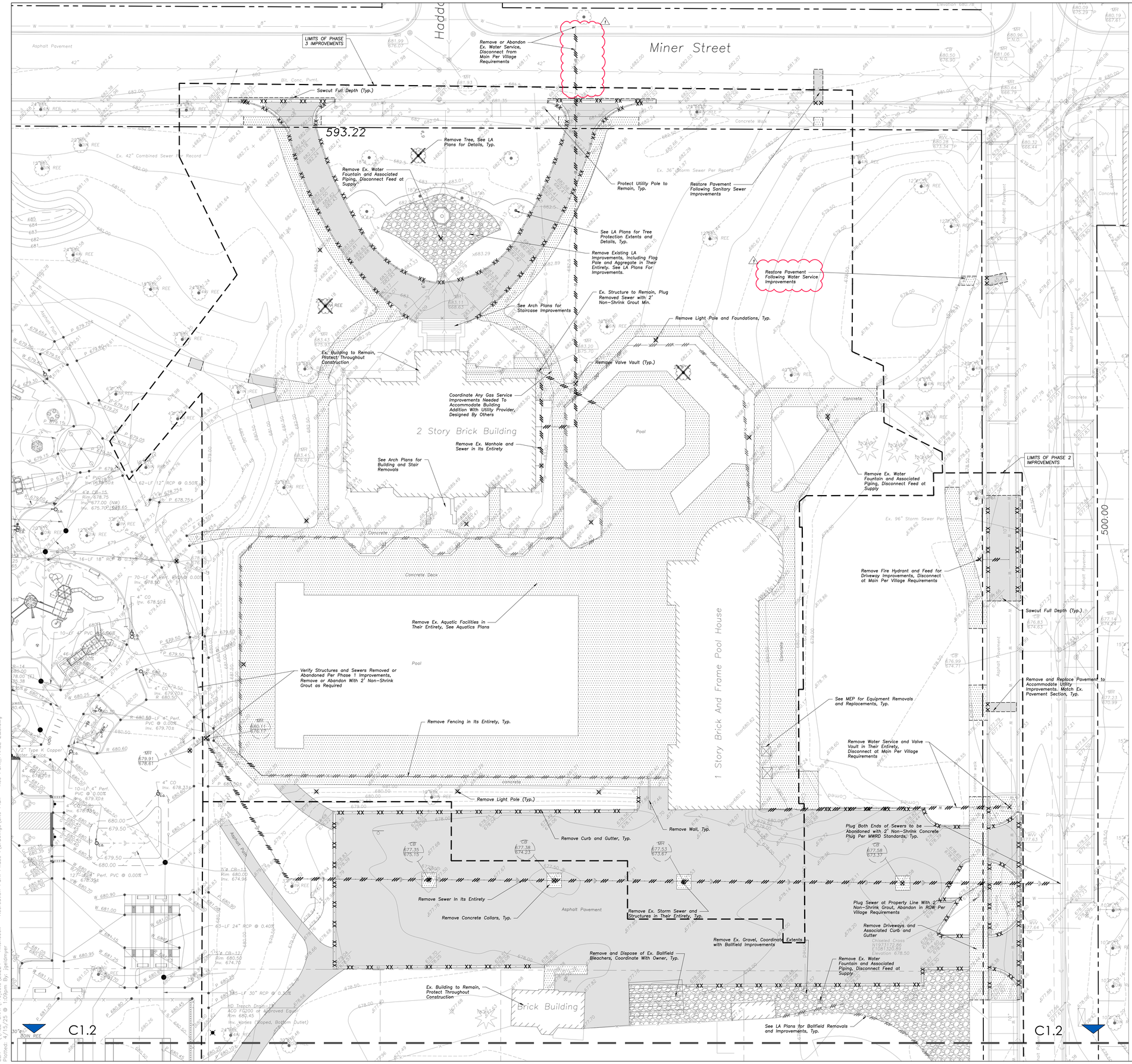

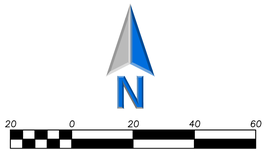

LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
CO	Clean Out	CO
	Storm Sewer	
	Sanitary Sewer	
	Combined Sewer	
W	Water Main	W
G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
VB	Buffalo Box	VB
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
x C 782.50	Curb Elevation	C 782.50
x G 782.00	Gutter Elevation	G 782.00
x P 783.25	Pavement Elevation	P 783.25
x W 782.10	Sidewalk Elevation	W 782.10
x 784.0	Ground Elevation	784.0
	Swale	
781	Contour Line	781
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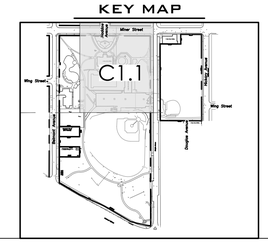
DEMOLITION LEGEND

- Utility Line Removal
- Bituminous Pavement Removal (Full Depth)
- Concrete Pavement Removal (Full Depth)
- Gravel Removal (Full Depth)
- Pavement Sawcut
- Curb & Gutter Removal
- Structure Removal
- Tree Removal

KEY MAP



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EXPIRATION DATE: 11/30/2025

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NO	DATE	DESCRIPTION
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RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

SITE DEMOLITION PLAN - NORTH

SHEET NO.
C1.1

JOB NO. 24-4036.01

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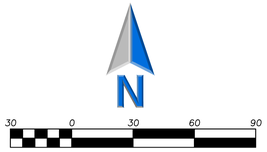
EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase 1\Drawings\Site Plan – Rec. Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:03pm By: jgeldmyer





LEGEND

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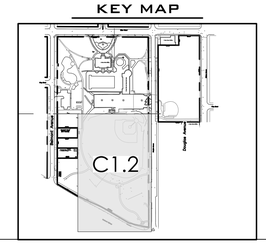
- *Tree Removal*

KEY MAP



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OF ILLINOIS

EXPIRATION DATE: 11/30/2025

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ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

SITE DEMOLITION PLAN - SOUTH

SHEET NO.
C1.2

JOB NO. 24-4036.01

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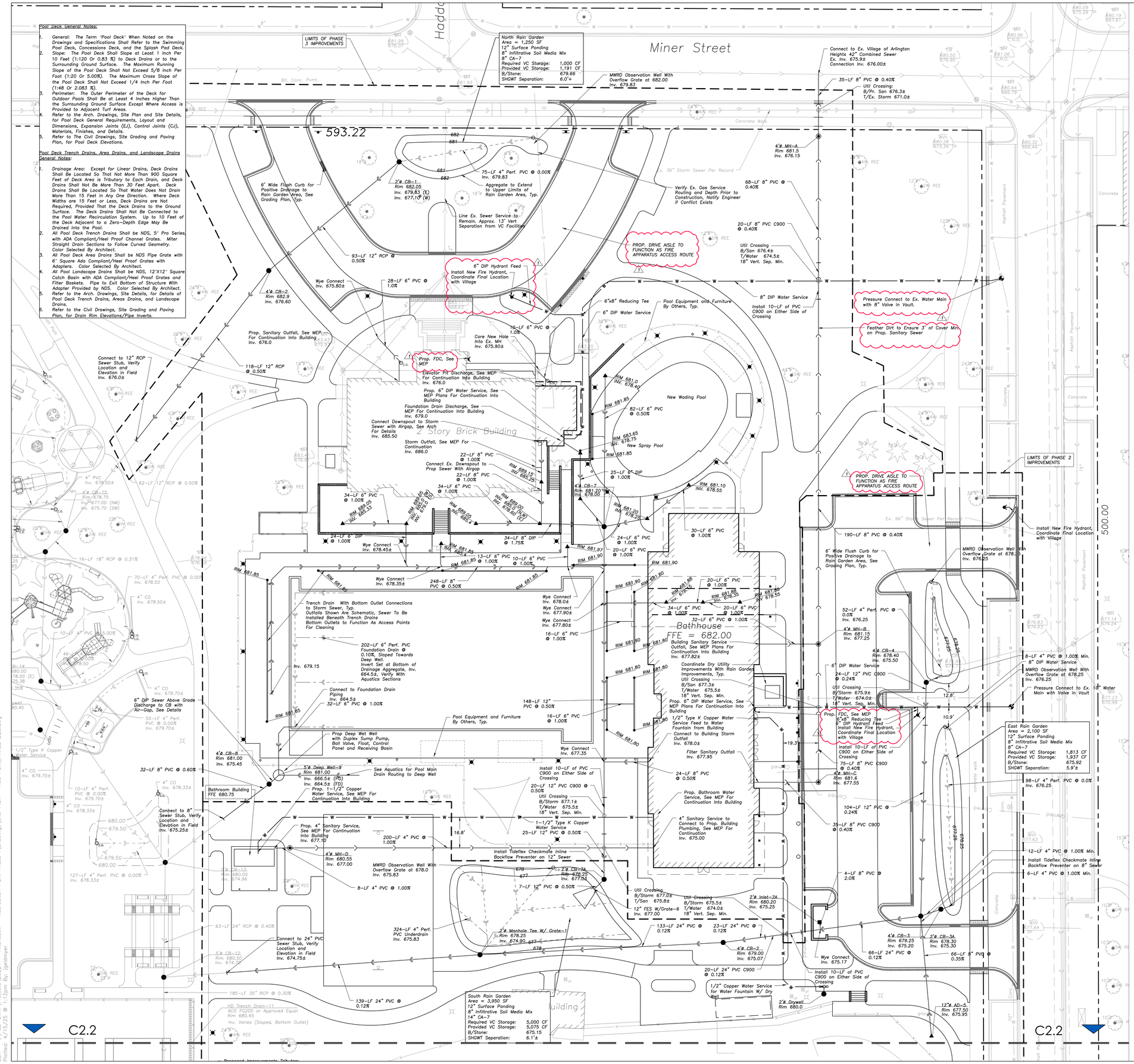
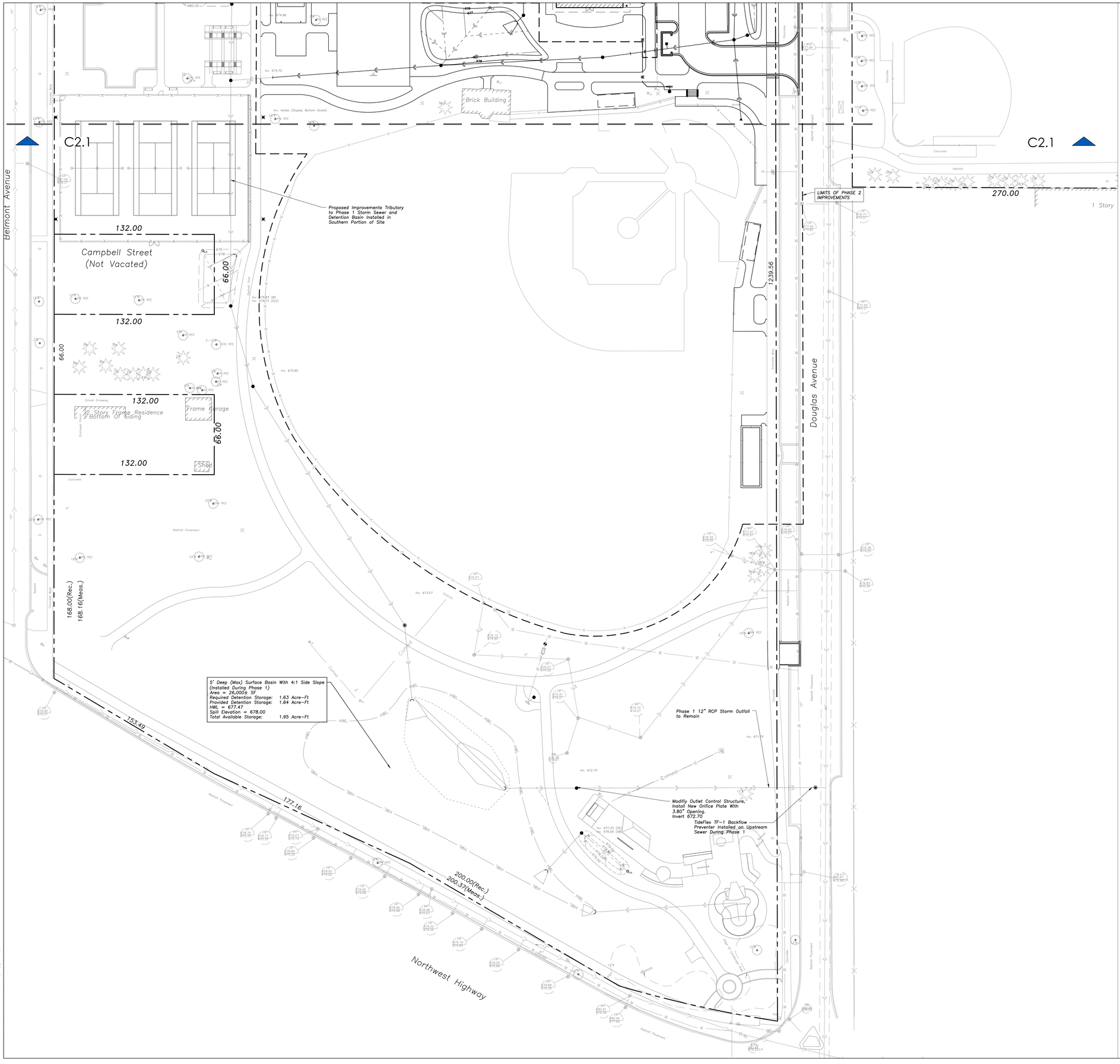
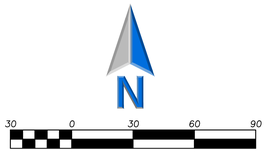
EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase 1\Drawings\Site Plan – Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:09pm By: jgeldmyer


Pool Deck General Notes:
1. General: The Term 'Pool Deck' When Noted on the Drawings and Specifications Shall Refer to the Swimming Pool Deck, Concessions Deck, and the Splash Pad Deck.
2. Slope: The Pool Deck Shall Slope at Least 1 Inch Per 10 Feet (1:120 Or 0.83 %) to Deck Drains or to the Surrounding Ground Surface. The Maximum Running Slope of the Pool Deck Shall Not Exceed 5/8 Inch Per Foot (1:20 Or 5.00%). The Maximum Cross Slope of the Pool Deck Shall Not Exceed 1/4 Inch Per Foot (1:48 Or 2.083 %).
3. Perimeter: The Outer Perimeter of the Deck for Outdoor Pools Shall Be at Least 4 Inches Higher Than the Surrounding Ground Surface Except Where Access is Provided to Adjacent Turf Areas.
4. Refer to the Arch. Drawings, Site Plan and Site Details, for Pool Deck General Requirements, Layout and Dimensions, Expansion Joints (EJ), Control Joints (CJ), Materials, Finishes, and Details.
5. Refer to The Civil Drawings, Site Grading and Paving Plan, for Pool Deck Elevations.
Pool Deck Trench Drains, Area Drains, and Landscape Drains General Notes:
1. Drainage Area: Except for Linear Drains, Deck Drains Shall Be Located So That Not More Than 900 Square Feet of Deck Area is Tributary to Each Drain, and Deck Drains Shall Not Be More Than 30 Feet Apart. Deck Drains Shall Be Located So That Water Does Not Drain More Than 15 Feet in Any One Direction. Where Deck Widths are 15 Feet or Less, Deck Drains are Not Required, Provided That the Deck Drains to the Ground Surface. The Deck Drains Shall Not Be Connected to the Pool Water Recirculation System. Up to 10 Feet of the Deck Adjacent to a Zero-Depth Edge May Be Drained into the Pool.
2. All Pool Deck Area Drains Shall be NDS, 5" Pro Series, with ADA Compliant/Heel Proof Channel Grates. Miter Straight Drain Sections to Follow Curved Geometry. Color Selected By Architect.
3. All Pool Deck Area Drains Shall be NDS Pipe Grate with 6" Square Ada Compliant/Heel Proof Grates with Adapters. Color Selected By Architect.
4. All Pool Landscape Drains Shall be NDS, 12"X12" Square Catch Basin with ADA Compliant/Heel Proof Grates and Filter Baskets. Pipe to Exit Bottom of Structure With Adapter Provided by NDS. Color Selected By Architect.
5. Refer to the Arch. Drawings, Site Details, for Details of Pool Deck Trench Drains, Areas Drains, and Landscape Drains.
6. Refer to the Civil Drawings, Site Grading and Paving Plan, for Drain Rim Elevations/Pipe Inverts.
LIMITS OF PHASE 3 IMPROVEMENTS
North Rain Garden
Area = 1,250 SF
12" Surface Ponding
8" Infiltrative Soil Media Mix
8" CA-7
Required VC Storage: 1,000 CF
Provided VC Storage: 1,191 CF
B/Stone: 679.66
SHGWT Separation: 6.0'+
Miner Street
MWRD Observation Well With Overflow Grate at 682.00 Inv. 679.83
Connect to Ex. Village of Arlington Heights 42" Combined Sewer Ex. Inv. 675.9± Connection Inv. 676.00±
35-LF 8" PVC @ 0.40%
Util Crossing: B/Pr. San 676.3± T/Ex. Storm 671.0±
593.22
682
681
682
2'ø CB-1 Rim 682.05 Inv. 679.83 (E) Inv. 677.10 (W)
75-LF 4" Perf. PVC @ 0.00% Inv. 679.83
Aggregate to Extend to Upper Limits of Rain Garden Area, Typ.
6" Wide Flush Curb for Positive Drainage to Rain Garden Area, See Grading Plan, Typ.
Line Ex. Sewer Service to Remain. Approx. 13' Vert Separation from VC Facilities
Verify Ex. Gas Service Routing and Depth Prior to Construction, Notify Engineer if Conflict Exists
4'ø MH-A Rim 681.5 Inv. 676.15
68-LF 8" PVC @ 0.40%
Ex. 36" Storm Sewer Per Record
20-LF 8" PVC C900 @ 0.40%
Util Crossing B/San 676.4± T/Water 674.5± 18" Vert. Sep. Min.
PROP. DRIVE AISLE TO FUNCTION AS FIRE APPARATUS ACCESS ROUTE
93-LF 12" RCP @ 0.50%
6" DIP Hydrant Feed
Install New Fire Hydrant, Coordinate Final Location with Village
4'ø CB-2 Rim 682.9 Inv. 676.60
Wye Connect Inv. 675.80±
28-LF 6" PVC @ 1.0%
6"x8" Reducing Tee
6" DIP Water Service
Pool Equipment and Furniture By Others, Typ.
8" DIP Water Service
Install 10-LF of PVC C900 on Either Side of Crossing
Pressure Connect to Ex. Water Main with 8" Valve in Vault.
Feather Dirt to Ensure 3' of Cover Min. on Prop. Sanitary Sewer
Prop. Sanitary Outfall, See MEP For Continuation Into Building Inv. 676.0
16-LF 6" PVC @ 1.0%
Core New Hole Into Ex. MH Inv. 675.90±
Connect to 12" RCP Sewer Stub, Verify Location and Elevation in Field Inv. 676.0±
Prop. FDC, See MEP
Elevator Pit Discharge, See MEP For Continuation Into Building Inv. 676.0
118-LF 12" RCP @ 0.50%
Prop. 6" DIP Water Service, See MEP Plans For Continuation Into Building
Foundation Drain Discharge, See MEP For Continuation Into Building Inv. 679.0
New Wading Pool
RIM 681.0 INV. 678.40
RIM 681.85
82-LF 6" PVC @ 0.50%
Connect Downspout to Storm Sewer with Airgap, See Arch For Details Inv. 685.50
Story Brick Building
RIM 683.65 INV. 678.75
New Spray Pool
RIM 681.85
Storm Outfall, See MEP For Continuation Inv. 686.0
22-LF 8" PVC @ 1.00%
RIM 685.15 INV. 680.25
Connect Ex. Downspout to Prop Sewer With Airgap
22-LF 8" PVC @ 1.00%
25-LF 6" DIP @ 1.00%
RIM 681.10 INV. 678.55
4'ø CB-7 Rim 681.20 Inv. 678.00
LIMITS OF PHASE 2 IMPROVEMENTS
PROP. DRIVE AISLE TO FUNCTION AS FIRE APPARATUS ACCESS ROUTE
34-LF 6" PVC @ 1.00%
34-LF 6" PVC @ 1.00%
RIM 689.05 INV. 685.55
RIM 689.00 INV. 680.50 (S)
RIM 689.00 INV. 680.60 (W)
RIM 689.05 INV. 680.65 (E)
RIM 681.20
INV. 678.20
Ex. 96" Storm Sewer Per Record
500.00
24-LF 6" DIP @ 1.00%
Wye Connect Inv. 678.45±
34-LF 8" DIP @ 1.75%
30-LF 6" PVC @ 1.00%
190-LF 8" PVC @ 0.40%
Install New Fire Hydrant, Coordinate Final Location with Village
6" Wide Flush Curb for Positive Drainage to Rain Garden Area, See Grading Plan, Typ.
MWRD Observation Well With Overflow Grate at 678.25 Inv. 676.25
RIM 681.85
RIM 681.85 @ 1.00%
13-LF 6" PVC @ 1.00%
10-LF 6" PVC @ 1.00%
RIM 681.92
RIM 681.90
20-LF 6" PVC @ 1.00%
RIM 681.90
RIM 681.90
RIM 681.80
RIM 681.80
RIM 681.80





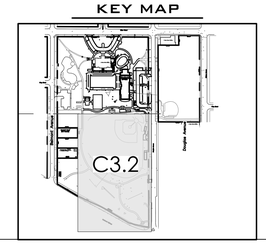
LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
CO	Clean Out	CO
	Storm Sewer	
	Sanitary Sewer	
	Combined Sewer	
W	Water Main	W
G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
x C 782.50	Curb Elevation	C 782.50
x G 782.00	Gutter Elevation	G 782.00
x P 783.25	Pavement Elevation	P 783.25
x W 782.10	Sidewalk Elevation	W 782.10
x 784.0	Ground Elevation	784.0
	Swale	
781	Contour Line	781
	Deciduous Tree	
	Coniferous Tree	

GENERAL NOTES

1. *The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and Is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.*
2. *Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.*
3. ***Contractor Shall Provide Private Utility Locating Services for the Project Area.***
4. *Notify The Owner, Engineer and The* ***Village of Arlington Heights*** *A Minimum of 48 Hours In Advance of Performing Any Work.*
5. *All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.*
6. *These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly.* ***Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.***
7. *No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.*
8. *The Engineer Is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.*
9. ***Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.***
10. *The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.*

KEY MAP



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500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

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SITE UTILITY PLAN - SOUTH

SHEET NO.
C2.2

JOB NO. 24-4036.01

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EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase I\Drawings\Site Plan – Rec Park_PHASE 2&3.dwg
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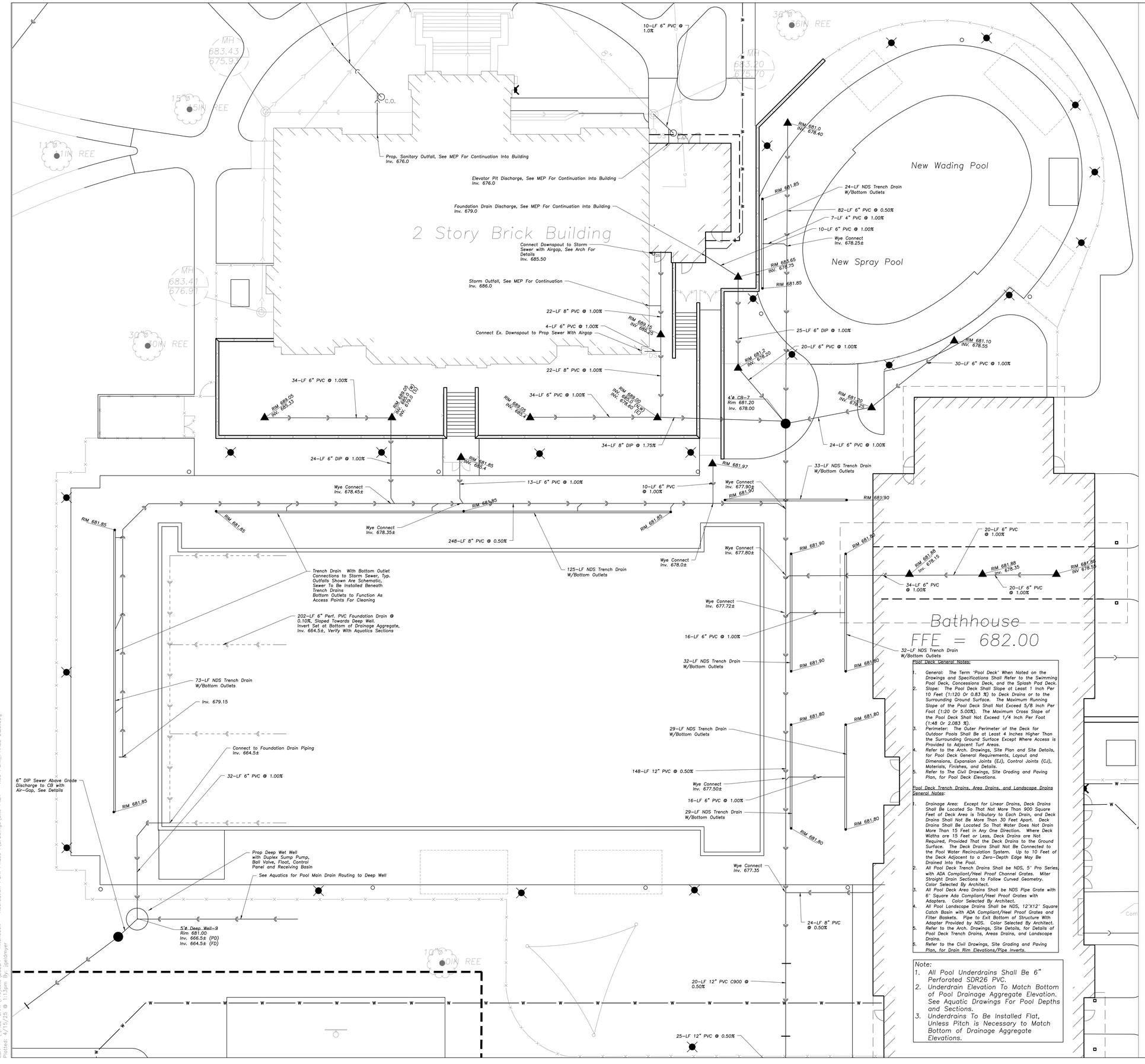

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	Inlet	
	Area Drain	
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	Storm Sewer	
	Sanitary Sewer	
	Combined Sewer	
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G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
x C 782.50	Curb Elevation	C 782.50
x G 782.00	Gutter Elevation	G 782.00
x P 783.25	Pavement Elevation	P 783.25
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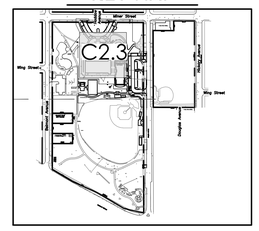
6. *Refer to the Civil Drawings, Site Grading and Paving Plan, for Drain Rim Elevations/Pipe Inverts.*

Note:

1. *All Pool Underdrains Shall Be 6" Perforated SDR26 PVC.*
2. *Underdrain Elevation To Match Bottom of Pool Drainage Aggregate Elevation. See Aquatic Drawings For Pool Depths and Sections.*
3. *Underdrains To Be Installed Flat, Unless Pitch is Necessary to Match Bottom of Drainage Aggregate Elevations.*

KEY MAP



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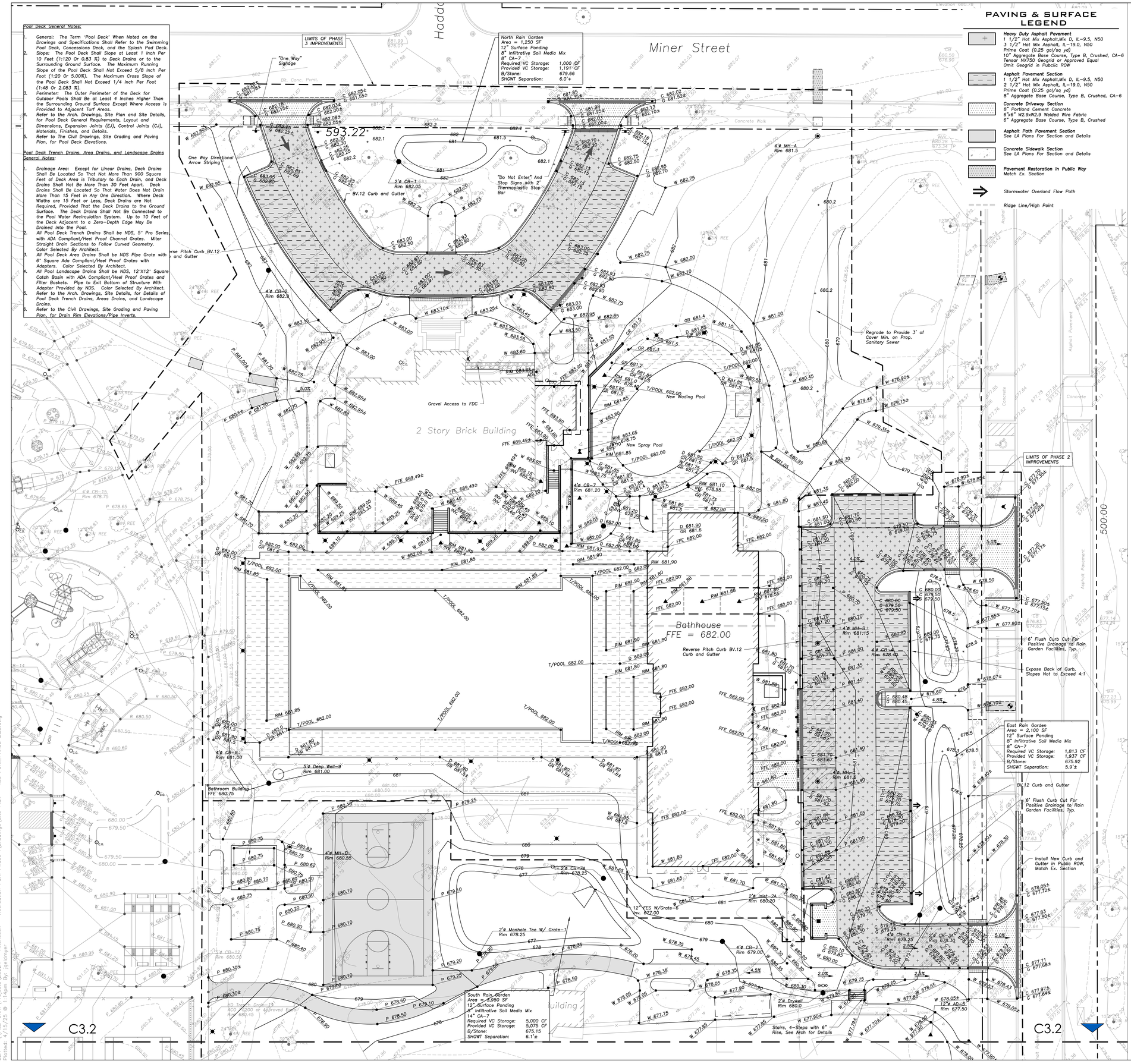

Pool Deck General Notes:

1. *General: The Term "Pool Deck" When Noted on the Drawings and Specifications Shall Refer to the Swimming Pool Deck, Concessions Deck, and the Splash Pad Deck.*
2. *Slope: The Pool Deck Shall Slope at Least 1 Inch Per 10 Feet (1:120 Or 0.83 %) to Deck Drains or to the Surrounding Ground Surface. The Maximum Running Slope of the Pool Deck Shall Not Exceed 5/8 Inch Per Foot (1:20 Or 5.00%). The Maximum Cross Slope of the Pool Deck Shall Not Exceed 1/4 Inch Per Foot (1:48 Or 2.083 %).*
3. *Perimeter: The Outer Perimeter of the Deck for Outdoor Pools Shall Be at Least 4 Inches Higher Than the Surrounding Ground Surface Except Where Access is Provided to Adjacent Turf Areas.*
4. *Refer to the Arch. Drawings, Site Plan and Site Details, for Pool Deck General Requirements, Layout and Dimensions, Expansion Joints (EJ), Control Joints (CJ), Materials, Finishes, and Details.*
5. *Refer to The Civil Drawings, Site Grading and Paving Plan, for Pool Deck Elevations.*

Pool Deck Trench Drains, Area Drains, and Landscape Drains General Notes:

1. *Drainage Area: Except for Linear Drains, Deck Drains Shall Be Located So That Not More Than 900 Square Feet of Deck Area is Tributary to Each Drain, and Deck Drains Shall Not Be More Than 30 Feet Apart. Deck Drains Shall Be Located So That Water Does Not Drain More Than 15 Feet in Any One Direction. Where Deck Widths are 15 Feet or Less, Deck Drains are Not Required, Provided That the Deck Drains to the Ground Surface. The Deck Drains Shall Not Be Connected to the Pool Water Recirculation System. Up to 10 Feet of the Deck Adjacent to a Zero-Depth Edge May Be Drained Into the Pool.*
2. *All Pool Deck Trench Drains Shall be NDS, 5" Pro Series, with ADA Compliant/Heel Proof Channel Grates. Miter Straight Drain Sections to Follow Curved Geometry. Color Selected By Architect.*
3. *All Pool Deck Area Drains Shall be NDS Pipe Grate with 6" Square Ada Compliant/Heel Proof Grates with Adapters. Color Selected By Architect.*
4. *All Pool Landscape Drains Shall be NDS, 12"X12" Square Catch Basin with ADA Compliant/Heel Proof Grates and Filter Baskets. Pipe to Exit Bottom of Structure With Adapter Provided by NDS. Color Selected By Architect.*
5. *Refer to the Arch. Drawings, Site Details, for Details of Pool Deck Trench Drains, Areas Drains, and Landscape Drains.*
6. *Refer to the Civil Drawings, Site Grading and Paving Plan, for Drain Rim Elevations/Pipe Inverts.*

PAVING & SURFACE LEGEND

- **Heavy Duty Asphalt Pavement**
  1 1/2" Hot Mix Asphalt,Mix D, IL-9.5, N50
  3 1/2" Hot Mix Asphalt, IL-19.0, N50
  Prime Coat (0.25 gal/sq yd)
  10" Aggregate Base Course, Type B, Crushed, CA-6
  Tensar NX750 Geogrid or Approved Equal
  Omit Geogrid in Pubclic ROW
- **Asphalt Pavement Section**
  1 1/2" Hot Mix Asphalt,Mix D, IL-9.5, N50
  2 1/2" Hot Mix Asphalt, IL-19.0, N50
  Prime Coat (0.25 gal/sq yd)
  8" Aggregate Base Course, Type B, Crushed, CA-6
- **Concrete Driveway Section**
  8" Portland Cement Concrete
  6"x6" W2.9xW2.9 Welded Wire Fabric
  6" Aggregate Base Course, Type B, Crushed
- **Asphalt Path Pavement Section**
  See LA Plans For Section and Details
- **Concrete Sidewalk Section**
  See LA Plans For Section and Details
- **Pavement Restoration in Public Way**
  Match Ex. Section
- Stormwater Overland Flow Path
- Ridge Line/High Point

N

20 0 20 40 60

Scale: 1"=20'

LEGEND

EXISTING	PROPOSED
Manhole	
Catch Basin	
Inlet	
Area Drain	
Clean Out	CO
Storm Sewer	
Sanitary Sewer	
Combined Sewer	
Water Main	W
Gas Line	G
Overhead Wires	OH
Electrical Cable (Buried)	E
Telephone Line	T
Fire Hydrant	
Valve Vault	
Buffalo Box	
Downspout	DS
Bollard	BOL
Gas Valve	
Gas Meter	
Electric Meter	
Electric Manhole	
Hand Hole	
Light Pole	
Light Pole w/ Mast Arm	
Utility Pole	
Telephone Pedestal	
Telephone Manhole	
Sign	
Fence	
Accessible Parking Stall	
Curb & Gutter	
Depressed Curb	
x C 782.50 — Curb Elevation	C 782.50
x G 782.00 — Gutter Elevation	G 782.00
x P 783.25 — Pavement Elevation	P 783.25
x W 782.10 — Sidewalk Elevation	W 782.10
x 784.0 — Ground Elevation	784.0
Swale	
781 — Contour Line	781
Deciduous Tree	
Coniferous Tree	

GENERAL NOTES

1. *The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and Is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.*
2. *Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.*
3. ***Contractor Shall Provide Private Utility Locating Services for the Project Area.***
4. *Notify The Owner, Engineer and The* ***Village of Arlington Heights*** *A Minimum of 48 Hours In Advance of Performing Any Work.*
5. *All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.*
6. *These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly.* ***Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.***
7. *No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.*
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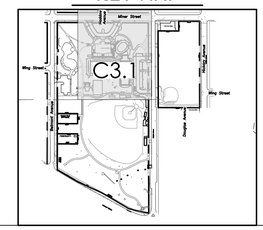
9. ***Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.***
10. *The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.*

Note: See Aquatics Drawings For Pool Deck Section and Details

KEY MAP



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LICENSED PROFESSIONAL ENGINEER
JEFF S. GELDMYER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

ISSUANCE		
NO.	DATE	DESCRIPTION
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RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

GRADING PLAN - NORTH

SHEET NO.
C3.1

JOB NO. 24-4036.01

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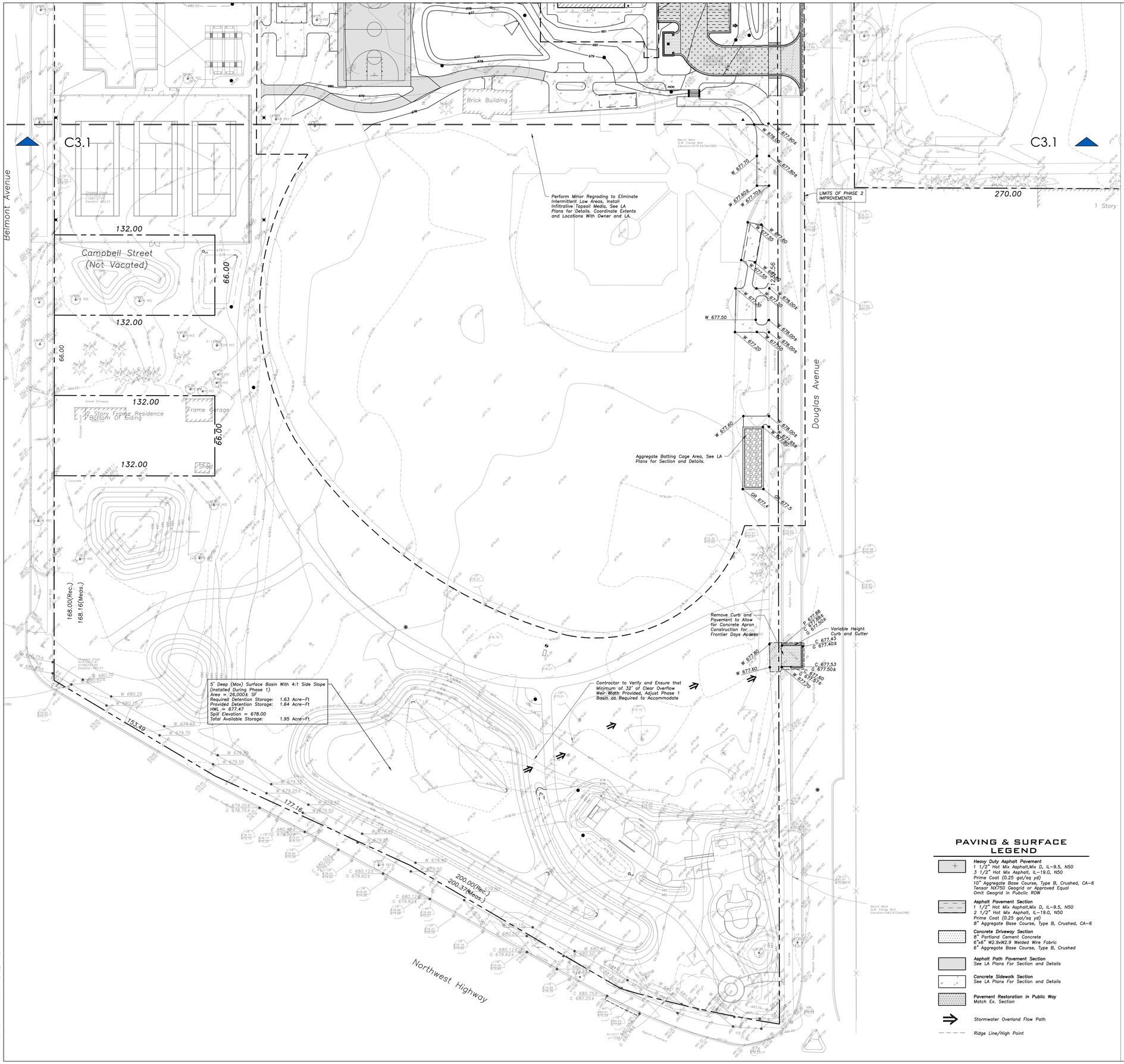
EEA - \\FILE-GRAY\Projects\23224 - Hitchcock - Recreation Park Phase 1\Drawings\Site Plan - Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:14pm By: jgeldmyer



PAVING & SURFACE LEGEND

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  10" Aggregate Base Course, Type B, Crushed, CA-6
  Tensar NX750 Geogrid or Approved Equal
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  See LA Plans For Section and Details
- **Pavement Restoration in Public Way**
  Match Ex. Section
- Stormwater Overland Flow Path
- Ridge Line/High Point



LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
CO	Clean Out	CO
S	Storm Sewer	S
S	Sanitary Sewer	S
S	Combined Sewer	S
W	Water Main	W
G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
x C 782.50	Curb Elevation	C 782.50 G 782.00
x G 782.00	Gutter Elevation	
x P 783.25	Pavement Elevation	P 783.25
x W 782.10	Sidewalk Elevation	W 782.10
x 784.0	Ground Elevation	x 784.0
	Swale	
781	Contour Line	781
	Deciduous Tree	
	Coniferous Tree	

GENERAL NOTES

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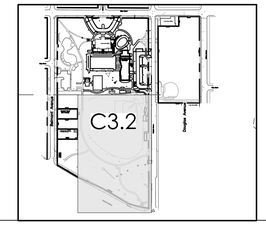
KEY MAP



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JEFF S. GELDMYER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

ISSUANCE		
NO	DATE	DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

GRADING PLAN - SOUTH

SHEET NO.
C3.2

JOB NO. 24-4036.01

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Pool Deck General Notes:

1. *General: The Term 'Pool Deck' When Noted on the Drawings and Specifications Shall Refer to the Swimming Pool Deck, Concessions Deck, and the Splash Pad Deck.*
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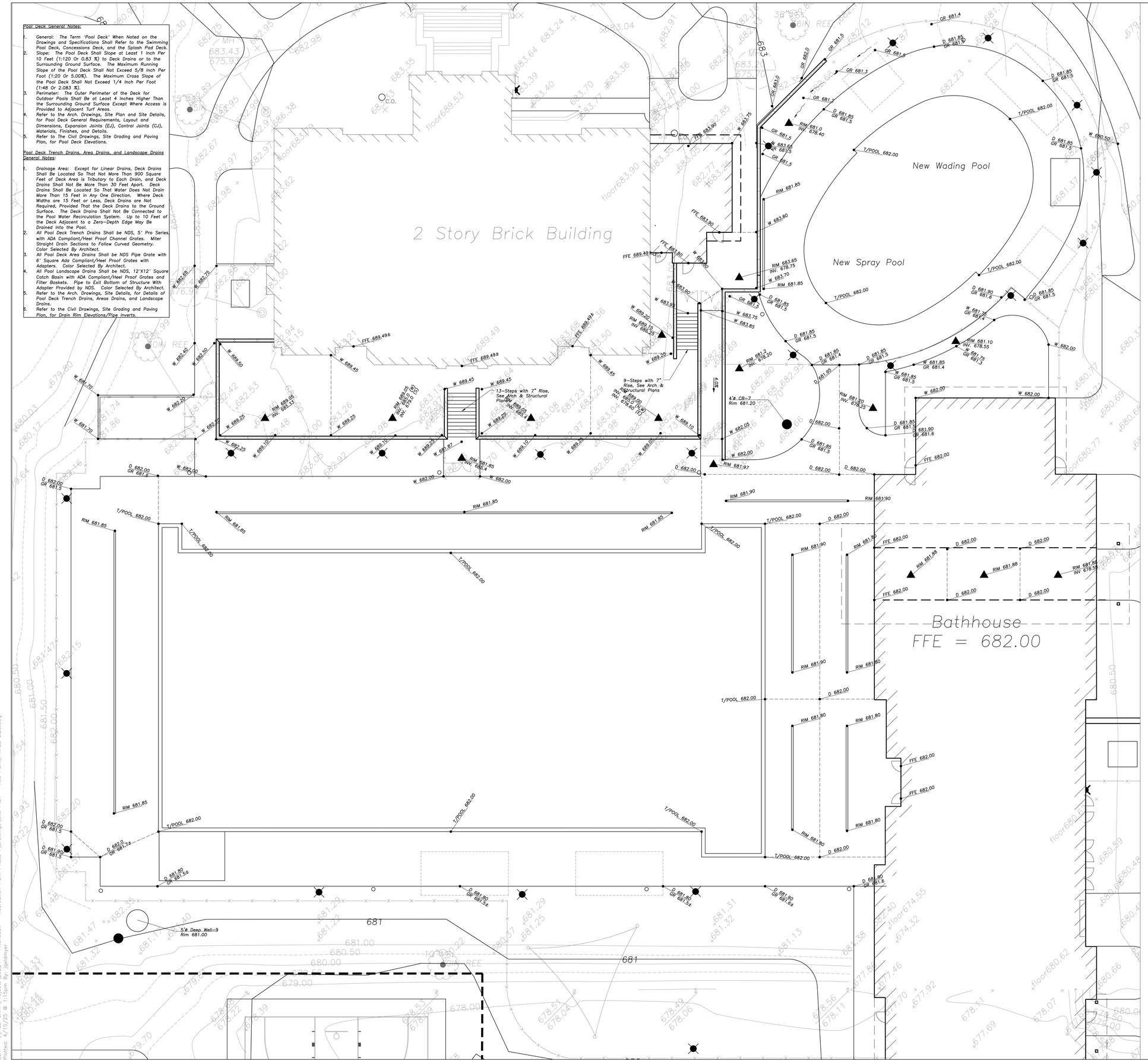

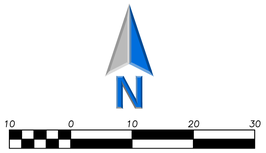

LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
CO	Clean Out	CO
SS	Storm Sewer	SS
SAN	Sanitary Sewer	SAN
CMB	Combined Sewer	CMB
W	Water Main	W
G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
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	Light Pole	
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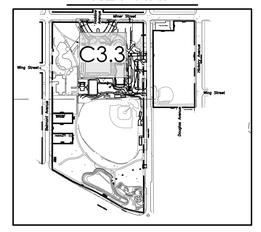
KEY MAP



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ISSUE FOR BID & PERMIT

GRADING PLAN - ENLARGED - POOL AREA

SHEET NO.
C3.3

JOB NO. 24-4036.01

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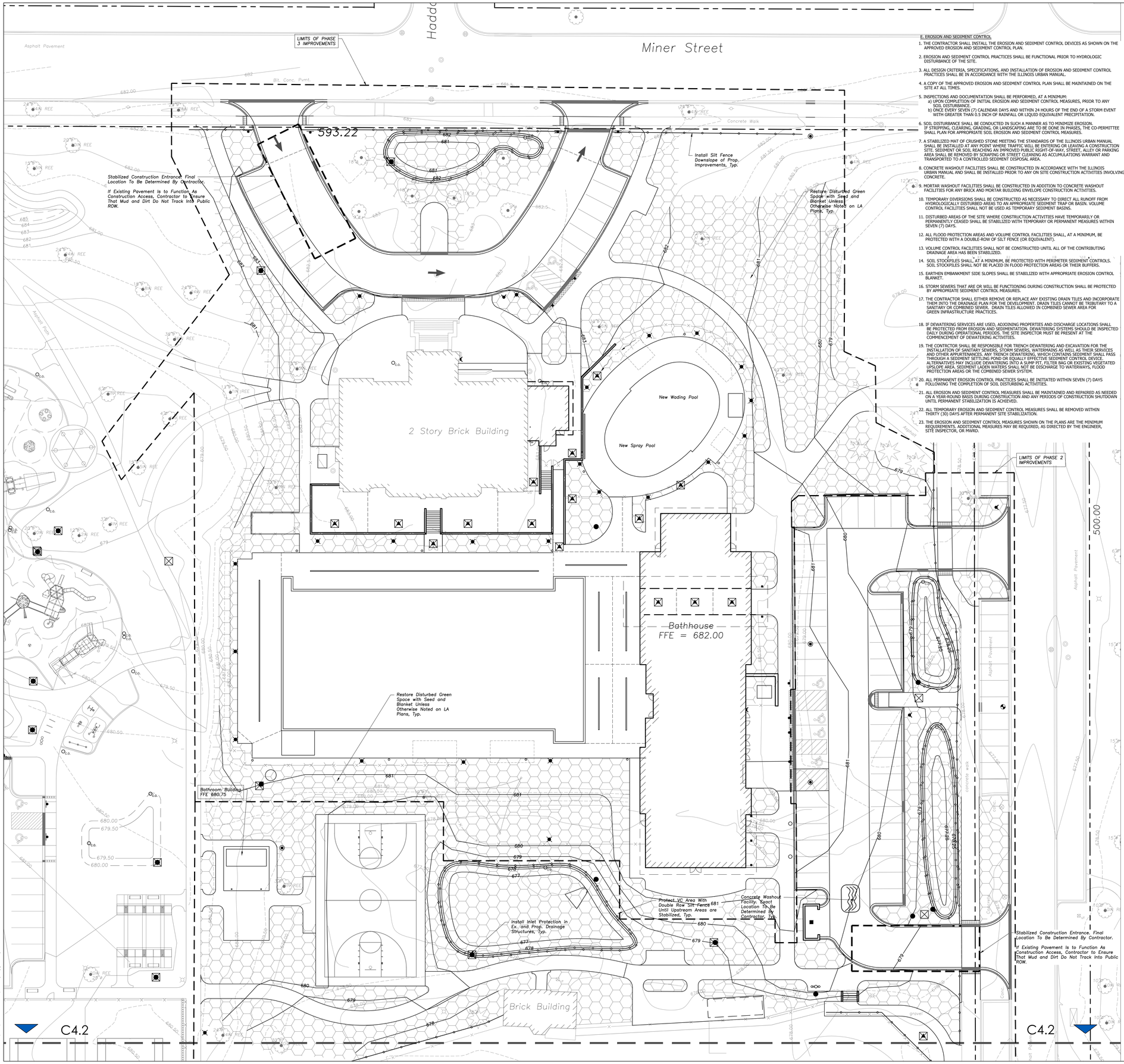
EEA - \\FILE-GRAY\Projects\23224 - Hitchcock - Recreation Park Phase 1\Drawings\Site Plan - Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:15pm By: jgeldmeyer



E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

N

20 0 20 40 60

Scale: 1"=20'

LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
C.O.	Clean Out	C.O.
S	Storm Sewer	S
SAN	Sanitary Sewer	SAN
C	Combined Sewer	C
W	Water Main	W
G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
x C 782.50	Curb Elevation	C 782.50
x G 782.00	Gutter Elevation	G 782.00
x P 783.25	Pavement Elevation	P 783.25
x W 782.10	Sidewalk Elevation	W 782.10
x 784.0	Ground Elevation	784.0
	Swale	
781	Contour Line	781
	Deciduous Tree	
	Coniferous Tree	

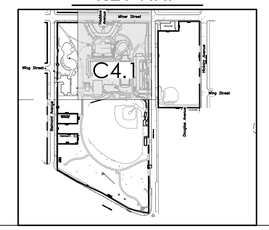
GENERAL NOTES

1. *The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and Is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.*
2. *Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.*
3. ***Contractor Shall Provide Private Utility Locating Services for the Project Area.***
4. *Notify The Owner, Engineer and The* ***Village of Arlington Heights*** *A Minimum of 48 Hours In Advance of Performing Any Work.*
5. *All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.*
6. *These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly.* ***Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.***
7. *No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.*
8. *The Engineer Is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.*
9. ***Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.***
10. *The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.*

SOIL EROSION & SEDIMENTATION CONTROL LEGEND

- Silt Fence
- Catch-All, Pork Chop Sediguard (or equal) Paved or Existing Stabilized Areas
- Filter Wattle Inlet Protection with Dandy Pop (or equal) Landscape Areas
- Erosion Control Blanket North American Green DS75 Or Approved Equal

KEY MAP



fgma FGMARCHITECTS

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ILLINOIS PROFESSIONAL DESIGN FIRM #184-000350

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145 COMMERCE DRIVE, SUITE A
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HITCHCOCK DESIGN GROUP
22 E. CHICAGO AVENUE, SUITE 200A
NAPERVILLE, ILLINOIS 60540
630.961.1787

STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1887 HIGH GROVE LANE
NAPERVILLE, ILLINOIS 60540
630.717.5399

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901 WEST WISE ROAD
SCHAUMBURG, ILLINOIS 60193
847.352.4500

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12851 MANCHESTER ROAD, SUITE 120
ST. LOUIS, MISSOURI 63131
314.894.1245

FOOD SERVICE
EDGE ASSOCIATES, INC.
100 W. WILSON STREET, SUITE 331
BATAVIA, ILLINOIS 60510
855.962.4422

LICENSED PROFESSIONAL ENGINEER
JEFF S. GELDMYER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

ISSUANCE		
NO	DATE	DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

SOIL EROSION & SEDIMENT CONTROL PLAN - NORTH

SHEET NO.
C4.1

JOB NO. 24-4036.01

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EEA — \\FILE-GRAY\Projects\23224 — Hitchcock — Recreation Park Phase 1\Drawings\Site Plan — Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:15pm By: jgeldmyer



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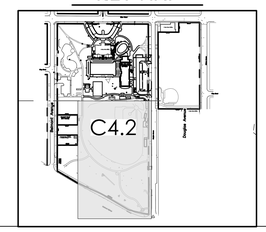
KEY MAP



N

30 0 30 60 90

Scale: 1"=30'

LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
CO	Clean Out	CO
S	Storm Sewer	S
SAN	Sanitary Sewer	SAN
C	Combined Sewer	C
W	Water Main	W
G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
x C 782.50	Curb Elevation	C 782.50
x G 782.00	Gutter Elevation	G 782.00
x P 783.25	Pavement Elevation	P 783.25
x W 782.10	Sidewalk Elevation	W 782.10
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	Swale	
781	Contour Line	781
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	Coniferous Tree	

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ILLINOIS PROFESSIONAL DESIGN FIRM #184-000350

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855.962.4422

LICENSED PROFESSIONAL ENGINEER
JEFF S. GELDMYER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

ISSUANCE		
NO	DATE	DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

SOIL EROSION & SEDIMENT CONTROL PLAN - SOUTH

SHEET NO.
C4.2

JOB NO. 24-4036.01

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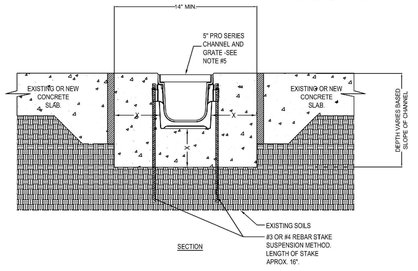
EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase I\Drawings\Site Plan – Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:16pm By: jgeldmyer

PROJECT NAME:		FILE #	ID_PS_5IN_CONCRETE

NDS
We put water in its place

INSTALLATION DETAIL

Install Filter Basket in All Area Drains in Landscape Areas



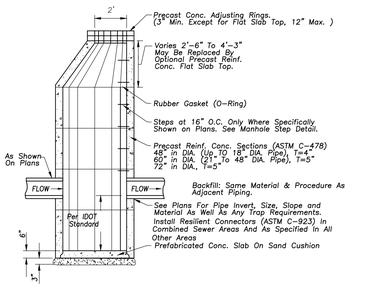
LOAD CLASS		
CLASS A PEDESTRIAN 15 kN/3375 LBS	CLASS B LIGHT DUTY 125 kN/28,000 LBS	CLASS C MEDIUM DUTY 250 kN/56,000 LBS
X = 4"	X = 4"	X = 6"

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. EXPANSION AND CONTRACTION CONTROL JOINTS ARE RECOMMENDED TO PROTECT THE CHANNEL AND SURROUNDING CONCRETE. CONSULT WITH AN ENGINEER NECESSARY.
3. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 4000 PSI AND VIBRATION TO ELIMINATE AIR POCKETS IS RECOMMENDED.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS AND CONTRACTORS FOR PLANNING PURPOSES.
5. RECESS CHANNEL AND GRATE 1/8" FOR PEDESTRIAN TRAFFIC,1/4" FOR VEHICULAR TRAFFIC.
6. DRAWING IS NOT TO SCALE.

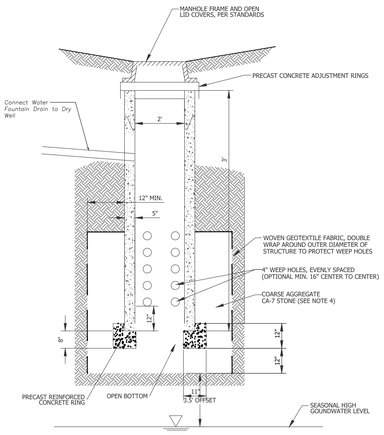
5" PRO SERIES INSTALLATION
CONCRETE

FOR PROCUCT ASSISTANCE, CONTACT NDS TECHNICAL SERVICE AT techservice@ndspro.com, DESIGN ASSISTANCE- designworx@ndspro.com
851 N. HARVARD AVE. LINDSAY, CA 93247 WWW.NDSPRO.COM 1-800-726-1994

SAVE DATE: 5/6/2021 10:15 AM — TEMPLATE: QMS-TMP-8.3-05 REV 1.0 - 3/24/2020

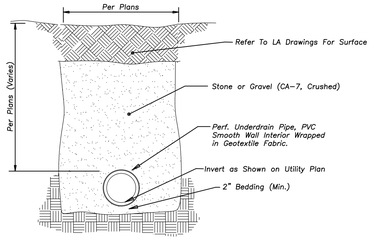


CATCH BASIN

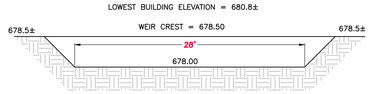


NOTES:
1. OFFSET A MINIMUM OF 10 FEET FROM FOUNDATIONS UNLESS WATERPROOFED, 20 FEET FROM SANITARY SEWERS, 20 FEET FROM ROADWAY GRAVEL SHOULDER AND 100 FEET FROM POTABLE WATER WELLS OR SEPTIC TANKS.
2. AVOID INSTALLATION AREAS OF COMPACTED FILL.
3. WOVEN GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS OF IUM MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 1, CLASS 1, WITH AN APPARENT OPENING SIZE OF 0.50 MM.
4. STONE STORAGE OPTIONS ARE CA-7, DISTRICT VULCAN MIX, OR APPROVED ALTERNATE. NO RECYCLED MATERIALS.
5. AGGREGATE BASE OF ONE FOOT (MINIMUM) BELOW PRECAST REINFORCED RING AND SHALL PROVIDE ADEQUATE STRUCTURAL STABILITY PER SOIL CONDITIONS.
6. MINIMUM DISTANCE OF 2 FEET (3.5 FEET IN COMBINED SEWER AREAS) BETWEEN BOTTOM OF DRYWELL AND SEASONALLY HIGH GROUNDWATER LEVEL.

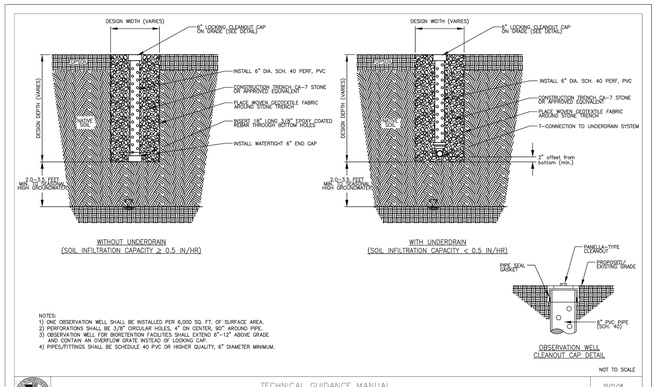
Dry Well Detail



PIPE UNDERDRAIN



EMERGENCY OVERLAND OVERFLOW WEIR
GRASS WEIR



NOTES:
1) SEE OBSERVATION WELL SHALL BE INSTALLED PER 8,000 SQ. FT. OF SURFACE AREA.
2) PERFORATIONS SHALL BE 3/8" CIRCULAR HOLES, 4" ON CENTER, 90° AROUND PIPE.
3) OBSERVATION WELL FOR INFILTRATION FACILITIES SHALL EXTEND 6"-12" ABOVE GRADE AND CONTAIN AN OVERFLOW GRATE INSTEAD OF LOCKING CAP.
4) PIPES/FITTINGS SHALL BE SCHEDULE 40 PVC OR HIGHER QUALITY, 6" DIAMETER MINIMUM.

NOT TO SCALE

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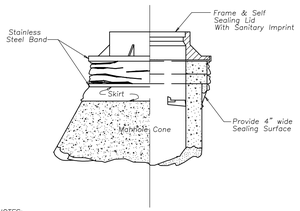
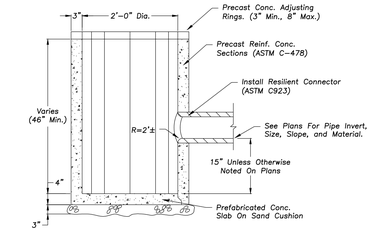
TYPICAL OBSERVATION WELL DETAIL	STD. DWG. NO.8 PAGE NO. 9

MANHOLE – 48"–60" DIA.

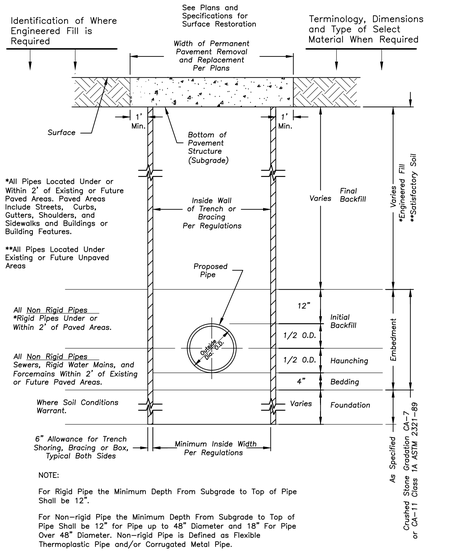


NOTES:
1. Chimney Seals shall be installed on all Sanitary Sewerage System Manholes.
2. "CRETEX" External Seals are required. Other products or other design solutions shall require the approval of the Village Engineer.
3. Chimney Seals shall be installed in accordance with the manufacturer's instructions.

SANITARY MANHOLE CHIMNEY SEAL



CATCH BASIN – 2' DIA.



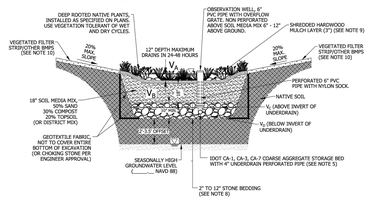
NOTE:

For Rigid Pipe the Minimum Depth From Subgrade to Top of Pipe Shall be 12".

For Non–rigid Pipe the Minimum Depth From Subgrade to Top of Pipe Shall be 12" for Pipe up to 48" Diameter and 18" For Pipe Over 48" Diameter. Non–rigid Pipe is Defined as Flexible Thermoplastic Pipe and/or Corrugated Metal Pipe.

STANDARD SEWER AND WATER TRENCH SECTION

NORTH



BOTTOM OF THE FACILITY:	ELEV. 679.7
SEASONALLY HIGH GROUNDWATER:	ELEV. 673.7
SEPARATION:	FEET 6'

8.5' Below Ex. Grades

VOLUME TYPE	SURFACE AREA	DEPTH	POROSITY	STORAGE VOLUME	VOLUME PROVIDED
V_6 : SURFACE STORAGE	1250	12"	1.00	1.00 X V_6	900
V_8 : SOIL MEDIA MIX	1250	8"	0.25	0.50 X 0.25 X V_8	104
V_C : COARSE AGGREGATE (ABOVE INVERT)	1250	6"	0.36	0.50 X 0.36 X V_C	113
V_D : COARSE AGGREGATE (BELOW INVERT)	1250	2"	0.36	0.36 X V_D	75
				TOTAL	1,191 CF

Required = 1,000 CF

NOTES:
1. THE PERIMETER OF THE VOLUME CONTROL FACILITY SHALL MAINTAIN THE MINIMUM HORIZONTAL SEPARATION DISTANCE OF: 10-FEET FROM FOUNDATIONS, UNLESS WATERPROOFED; 20-FEET FROM ROADWAY GRAVEL SHOULDER; AND 100-FEET FROM POTABLE WATER WELLS, SEPTIC TANKS/FIELDS, OR OTHER UNDERGROUND TANKS.
2. SANITARY OR COMBINED SEWERS SHALL NOT BE LOCATED WITHIN THE VOLUME CONTROL FACILITY. SANITARY OR COMBINED SEWERS SHALL NOT BE LOCATED BELOW THE FOOTPRINT OF THE VOLUME CONTROL FACILITY. WHEN LOCAL CONDITIONS PREVENT THE SEWER FROM BEING LOCATED OUTSIDE THE FOOTPRINT OF THE FACILITY, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN QUALITY STANDARDS, OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
3. AVOID INSTALLATION ON SLOPES GREATER THAN 3.00%. AVOID COMPACTING NATIVE SOILS. SCARIFY ANY COMPACTED SOIL.
4. GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS OF IUM MATERIAL SPECIFICATION 592. FOR WOVEN: APPARENT OPENING SIZE OF 0.50 MM (TABLE 1, CLASS 1). FOR NON WOVEN: APPARENT OPENING SIZE OF 0.30 MM (TABLE 2, CLASS II).
5. STONE STORAGE OPTIONS ARE IDOT CA-1, CA-3, CA-7, DISTRICT VULCAN MIX, OR APPROVED ALTERNATE. NO RECYCLED MATERIALS.
6. MINIMUM DISTANCE OF 2 FEET (3.5 FEET IN COMBINED SEWER AREAS) BETWEEN BOTTOM OF BMP AND SEASONALLY HIGH GROUNDWATER LEVEL.
7. UNDERDRAINS ARE REQUIRED IN TYPICAL CLAYEY SOILS WHERE INFILTRATION RATES ARE LESS THAN 0.5 INCH/HOUR. NO MORE THAN 1 UNDERDRAIN EVERY 30 FEET ON CENTER. PROVIDE A SOIL REPORT DOCUMENTING NATIVE INFILTRATION RATE TO FOREGO UNDERDRAINS. NO FILTER FABRIC COVER/SOCK.
8. MINIMUM UNDERDRAIN BEDDING OF 2 INCHES, MAXIMUM OF 12 INCHES.
9. MULCH LAYER SHALL BE HARDWOOD MULCH OR OTHER NON-FLOATING GROUND COVER.
10. FOLLOW THE REQUIRED PRETREATMENT MEASURES LISTED ON THE VOLUME CONTROL PRETREATMENT MEASURES DETAIL.

NOT TO SCALE

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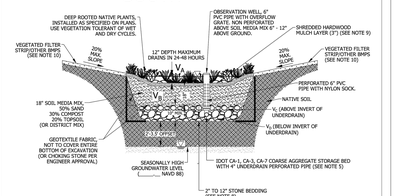
BIORETENTION FACILITY DETAIL	STD. DWG. NO.1 PAGE NO.1

SOUTH



BOTTOM OF THE FACILITY:	ELEV. 675.1
SEASONALLY HIGH GROUNDWATER:	ELEV. 669.0
SEPARATION:	FEET 6.1'

8.5' Below Ex. Grades

VOLUME TYPE	SURFACE AREA	DEPTH	POROSITY	STORAGE VOLUME	VOLUME PROVIDED
V_6 : SURFACE STORAGE	3955	12"	1.00	1.00 X V_6	3440
V_8 : SOIL MEDIA MIX	3955	8"	0.25	0.50 X 0.25 X V_8	330
V_C : COARSE AGGREGATE (ABOVE INVERT)	3955	6"	0.36	0.50 X 0.36 X V_C	356
V_D : COARSE AGGREGATE (BELOW INVERT)	3955	8"	0.36	0.36 X V_D	949
				TOTAL	5,075 CF

Required = 5,000 CF

NOTES:
1. THE PERIMETER OF THE VOLUME CONTROL FACILITY SHALL MAINTAIN THE MINIMUM HORIZONTAL SEPARATION DISTANCE OF: 10-FEET FROM FOUNDATIONS, UNLESS WATERPROOFED; 20-FEET FROM ROADWAY GRAVEL SHOULDER; AND 100-FEET FROM POTABLE WATER WELLS, SEPTIC TANKS/FIELDS, OR OTHER UNDERGROUND TANKS.
2. SANITARY OR COMBINED SEWERS SHALL NOT BE LOCATED WITHIN THE VOLUME CONTROL FACILITY. SANITARY OR COMBINED SEWERS SHALL NOT BE LOCATED BELOW THE FOOTPRINT OF THE VOLUME CONTROL FACILITY. WHEN LOCAL CONDITIONS PREVENT THE SEWER FROM BEING LOCATED OUTSIDE THE FOOTPRINT OF THE FACILITY, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN QUALITY STANDARDS, OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
3. AVOID INSTALLATION ON SLOPES GREATER THAN 3.00%. AVOID COMPACTING NATIVE SOILS. SCARIFY ANY COMPACTED SOIL.
4. GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS OF IUM MATERIAL SPECIFICATION 592. FOR WOVEN: APPARENT OPENING SIZE OF 0.50 MM (TABLE 1, CLASS 1). FOR NON WOVEN: APPARENT OPENING SIZE OF 0.30 MM (TABLE 2, CLASS II).
5. STONE STORAGE OPTIONS ARE IDOT CA-1, CA-3, CA-7, DISTRICT VULCAN MIX, OR APPROVED ALTERNATE. NO RECYCLED MATERIALS.
6. MINIMUM DISTANCE OF 2 FEET (3.5 FEET IN COMBINED SEWER AREAS) BETWEEN BOTTOM OF BMP AND SEASONALLY HIGH GROUNDWATER LEVEL.
7. UNDERDRAINS ARE REQUIRED IN TYPICAL CLAYEY SOILS WHERE INFILTRATION RATES ARE LESS THAN 0.5 INCH/HOUR. NO MORE THAN 1 UNDERDRAIN EVERY 30 FEET ON CENTER. PROVIDE A SOIL REPORT DOCUMENTING NATIVE INFILTRATION RATE TO FOREGO UNDERDRAINS. NO FILTER FABRIC COVER/SOCK.
8. MINIMUM UNDERDRAIN BEDDING OF 2 INCHES, MAXIMUM OF 12 INCHES.
9. MULCH LAYER SHALL BE HARDWOOD MULCH OR OTHER NON-FLOATING GROUND COVER.
10. FOLLOW THE REQUIRED PRETREATMENT MEASURES LISTED ON THE VOLUME CONTROL PRETREATMENT MEASURES DETAIL.

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL	10/11/18
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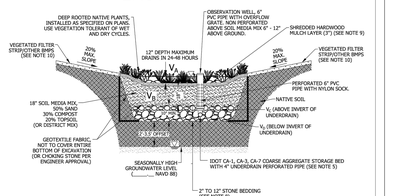
EAST



BOTTOM OF THE FACILITY:	ELEV. 675.92
SEASONALLY HIGH GROUNDWATER:	ELEV. 670.0
SEPARATION:	FEET 5.9

8.5' Below Ex. Grades

VOLUME TYPE	SURFACE AREA	DEPTH	POROSITY	STORAGE VOLUME	VOLUME PROVIDED
V_6 : SURFACE STORAGE	2100	12"	1.00	1.00 X V_6	1384
V_8 : SOIL MEDIA MIX	2100	8"	0.25	0.50 X 0.25 X V_8	175
V_C : COARSE AGGREGATE (ABOVE INVERT)	2100	4"	0.36	0.50 X 0.36 X V_C	126
V_D : COARSE AGGREGATE (BELOW INVERT)	2100	4"	0.36	0.36 X V_D	252
				TOTAL	1,937 CF

Required = 1,813 CF

NOTES:
1. THE PERIMETER OF THE VOLUME CONTROL FACILITY SHALL MAINTAIN THE MINIMUM HORIZONTAL SEPARATION DISTANCE OF: 10-FEET FROM FOUNDATIONS, UNLESS WATERPROOFED; 20-FEET FROM ROADWAY GRAVEL SHOULDER; AND 100-FEET FROM POTABLE WATER WELLS, SEPTIC TANKS/FIELDS, OR OTHER UNDERGROUND TANKS.
2. SANITARY OR COMBINED SEWERS SHALL NOT BE LOCATED WITHIN THE VOLUME CONTROL FACILITY. SANITARY OR COMBINED SEWERS SHALL NOT BE LOCATED BELOW THE FOOTPRINT OF THE VOLUME CONTROL FACILITY. WHEN LOCAL CONDITIONS PREVENT THE SEWER FROM BEING LOCATED OUTSIDE THE FOOTPRINT OF THE FACILITY, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN QUALITY STANDARDS, OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
3. AVOID INSTALLATION ON SLOPES GREATER THAN 3.00%. AVOID COMPACTING NATIVE SOILS. SCARIFY ANY COMPACTED SOIL.
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5. STONE STORAGE OPTIONS ARE IDOT CA-1, CA-3, CA-7, DISTRICT VULCAN MIX, OR APPROVED ALTERNATE. NO RECYCLED MATERIALS.
6. MINIMUM DISTANCE OF 2 FEET (3.5 FEET IN COMBINED SEWER AREAS) BETWEEN BOTTOM OF BMP AND SEASONALLY HIGH GROUNDWATER LEVEL.
7. UNDERDRAINS ARE REQUIRED IN TYPICAL CLAYEY SOILS WHERE INFILTRATION RATES ARE LESS THAN 0.5 INCH/HOUR. NO MORE THAN 1 UNDERDRAIN EVERY 30 FEET ON CENTER. PROVIDE A SOIL REPORT DOCUMENTING NATIVE INFILTRATION RATE TO FOREGO UNDERDRAINS. NO FILTER FABRIC COVER/SOCK.
8. MINIMUM UNDERDRAIN BEDDING OF 2 INCHES, MAXIMUM OF 12 INCHES.
9. MULCH LAYER SHALL BE HARDWOOD MULCH OR OTHER NON-FLOATING GROUND COVER.
10. FOLLOW THE REQUIRED PRETREATMENT MEASURES LISTED ON THE VOLUME CONTROL PRETREATMENT MEASURES DETAIL.

NOT TO SCALE

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062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

ISSUANCE		
NO.	DATE	DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

CIVIL SITE WORK DETAILS

SHEET NO.
C5.0

JOB NO. 24-4036.01

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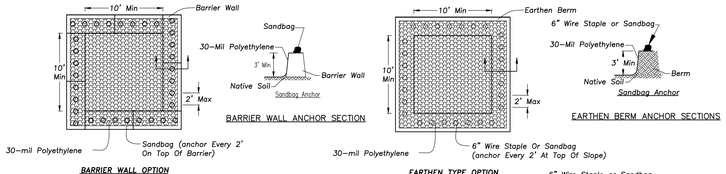
EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase 1\Drawings\Site Plan – Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:17pm By: jgeldmyer

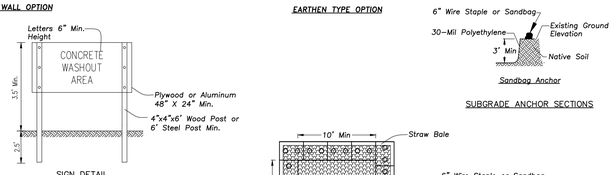


BARRIER WALL ANCHOR SECTION

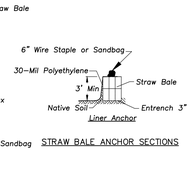
BARRIER WALL OPTION

EARTHEN BERM ANCHOR SECTIONS

EARTHEN TYPE OPTION



SIGN DETAIL



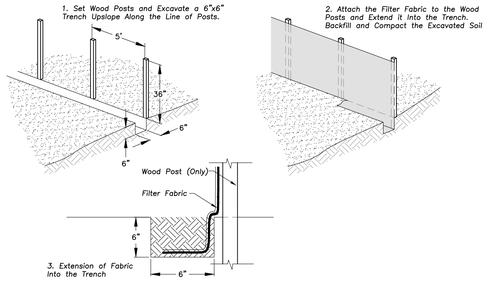
STRAW BALE ANCHOR SECTIONS

STRAW BALE OPTION

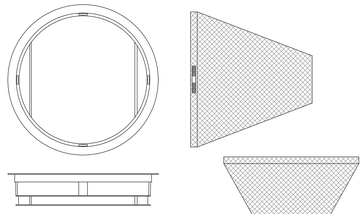
NOTES:

1. *Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the facilities to a functional condition.*
2. *Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.*
3. *Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.*

CONCRETE WASHOUT FACILITY



SILT FENCE CONSTRUCTION (AASHTO 288-00)



General Notes:

Use Marathon Materials, Inc., "Catch-All" Inlet Protectors Or Approved Equal. Inlet Protector Types Shall Be Selected to Fit Frame and Grate of Open Lid Structures to Be Protected. www.marathonmaterials.com

Frame: Top Flange Fabricated From 1¼"x1¼"x⅛" Angle. Base Rim Fabricated From 1½"x½"x⅛" Channel. Handles And Suspension Brackets Fabricated From 1¼"x¼" Flat Stock. All Domestic Steel Conforming To ASTM-A36.

Sediment Bag: Bag Fabricated From 4 Oz./sq.yd. Non-woven Polypropylene Geotextile Reinforced With Polyester Mesh. Bag Secured To Base Rim With A Stainless Steel Strap And Lock.

Install Baskets In All Existing Storm Inlets Prior To Construction And All New Storm Inlets Immediately After Installation. Contractor Shall Maintain Throughout Construction Activities.

INLET PROTECTORS — SEDIMENT BAG

GENERAL NOTES

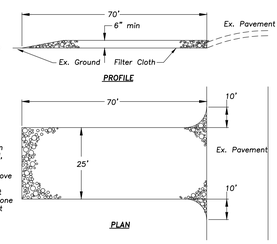
STONE SIZE — Use IDOT gradation CA-1 aggregate stone.

MAINTENANCE — The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or clean-out of any measures used to trap sediment. All sediment spilled, dropped, washed, or tracked onto public rights-of-way must be removed immediately.

FILTER CLOTH — Will be placed over the entire area prior to placing stone. Conform to Illinois Urban Manual Section 592, Type I, II, or IV.

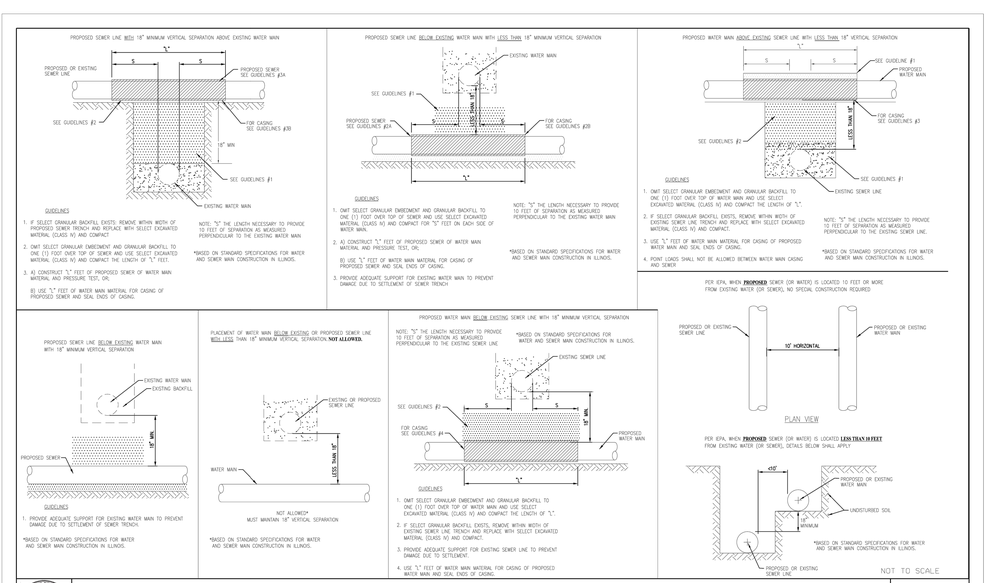
WASHING — Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.

Periodic inspection and needed maintenance shall be provided after each rain.



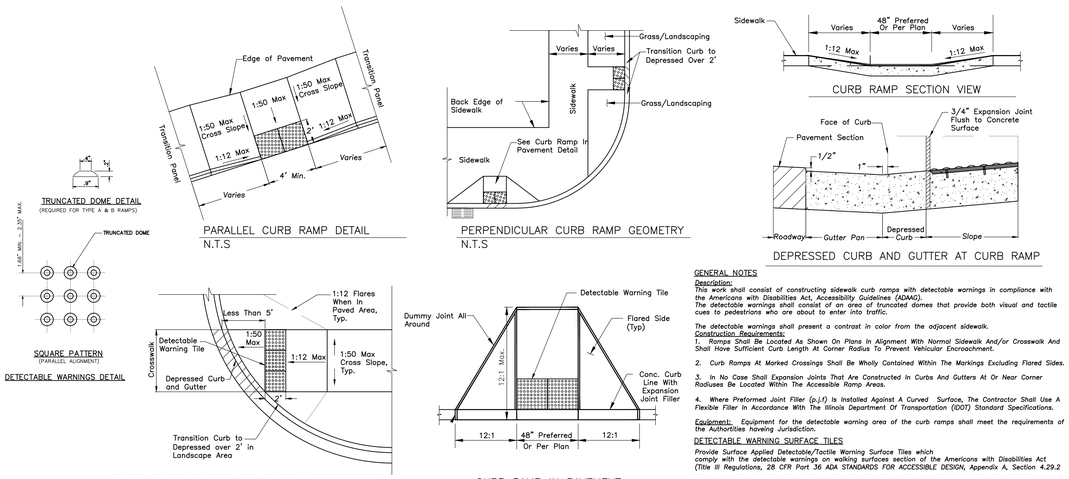
STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



TECHNICAL GUIDANCE MANUAL — 7/1/15

WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA) — STD. DWG. NO. 41 — PAGE NO. 42



GENERAL NOTES

Description:

This work shall consist of constructing sidewalk curb ramps with detectable warnings in compliance with the Americans with Disabilities Act, Accessibility Guidelines (ADAAG). The detectable warnings shall consist of an area of truncated domes that provide both visual and tactile cues to pedestrians who are about to enter into traffic.

The detectable warnings shall present a contrast in color from the adjacent sidewalk.

Construction Requirements:

1. *Ramps Shall Be Located As Shown On Plans In Alignment With Normal Sidewalk And/or Crosswalk And Shall Have Sufficient Curb Length At Corner Radius To Prevent Vehicular Encroachment.*
2. *Curb Ramps At Marked Crossings Shall Be Wholly Contained Within The Markings Excluding Flared Sides.*
3. *In No Case Shall Expansion Joints That Are Constructed In Curbs And Gutters At Or Near Corner Radiuses Be Located Within The Accessible Ramp Areas.*
4. *Where Preformed Joint Filler (p.j.f.) Is Installed Against A Curved Surface, The Contractor Shall Use A Flexible Filler In Accordance With The Illinois Department Of Transportation (IDOT) Standard Specifications.*

Equipment: *Equipment for the detectable warning area of the curb ramps shall meet the requirements of the Authorities having Jurisdiction.*

DETECTABLE WARNING SURFACE TILES

Provide Surface Applied Detectable/Tactile Warning Surface Tiles which comply with the detectable warnings on walking surfaces section of the Americans with Disabilities Act (Title III Regulations, 28 CFR Part 36 ADA STANDARDS FOR ACCESSIBLE DESIGN, Appendix A, Section 4.29.2

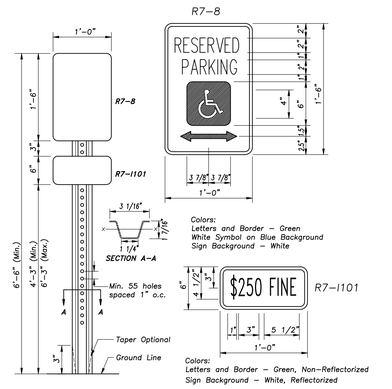
Dimensions: Cast In Place Detectable/Tactile Warning Surface Tiles shall be held within the following dimensions and tolerances:
Length and Width in One of the Following as Necessary for the Dimensions of the Surface In Which the Detectable Warning is Proposed: 12x12 24x24 24x36 24x48 24x60 36x48 36x60 nominal. No Cutting of Tiles is Allowed.

Installation of Detectable/Tactile Warning Surface Tiles Per Manufacturer's Instructions.

Verify With the Local Authorities Having Jurisdiction that Detectable/Tactile Warning Surface Tiles are an Acceptable Method of Providing for the Detectable Warning Surface.

Verify With the Local Authorities Having Jurisdiction that the Manufacturer's Products are Acceptable for the Detectable Warning Surface.

ACCESSIBLE RAMPS FOR SIDEWALKS



Notes: Dimensions shown for cross sections are minimum.

All holes are 3/8" ø. Minimum section modulus about the x-x axis of the post shall be 0.223 in.

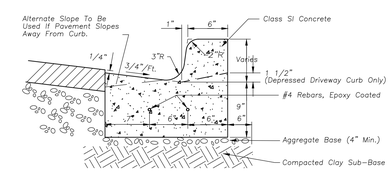
For posts in which holes are punched or drilled for more than half their length, the section modulus shall be computed for the net section.

3'-6" Post Bury Depth.

Post shall weigh 2.00 lb/ft length.

One in Six Accessible Parking Spaces Must be Van Accessible. Minimum of One Van Accessible Spaces Have the Same Requirement Except They Must Also Have 96" of Clear Vertical Space.

ACCESSIBLE PARKING SIGN



Notes:

1. *A 1" Expansion Joint Shall Be Installed At All Points of Curvature For Short Radius (under 25 ft.) Curves. Maximum Expansion Joint Spacing is 50'. Expansion Joints Shall Be Constructed With 1" Thick Preformed Expansion Joint Filler Conforming To The Curb And Gutter Cross Section And Shall Be Provided With One 1 1/4 ø, 18" Long, Coated Smooth Dowel Bar. The Dowel Bar Shall Be Fitted With A Cap With A Pinched Stop Which Provides A Minimum Of 1" Of Expansion.*
2. *Maximum Contraction (Control) Joint Spacing Shall Be 20'.*

B-V.12 CURB & GUTTER

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855.962.4422

LICENSED PROFESSIONAL ENGINEER — JEFF S. GELDMEYER — 062-072792 — STATE OF ILLINOIS

EXPIRATION DATE: 11/30/2025

NO	DATE	DESCRIPTION
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RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

CIVIL SITE WORK DETAILS

SHEET NO. **C5.1**

JOB NO. 24-4036.01

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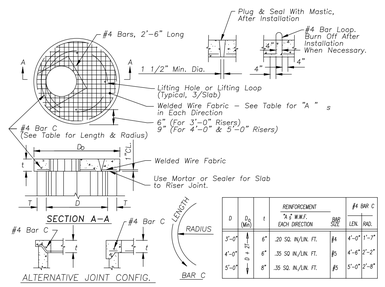
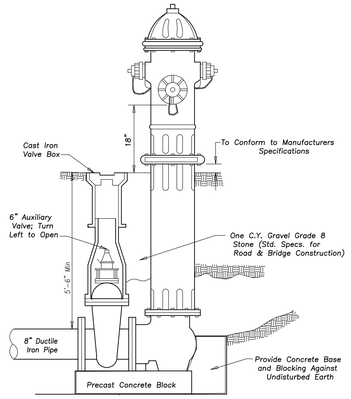
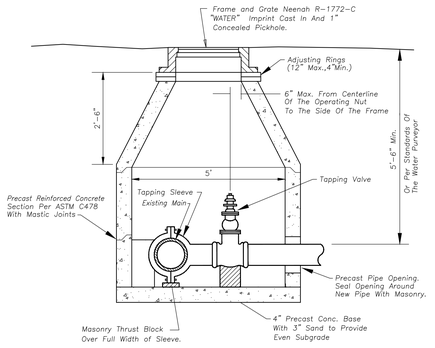
EEA - \\FILE-GRAY\Projects\23224 - Hitchcock - Recreation Park Phase 1\Drawings\Site Plan - Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:18pm By: jgeldmeyer



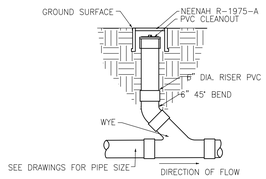
PRECAST REINF. CONC. FLAT SLAB TOP



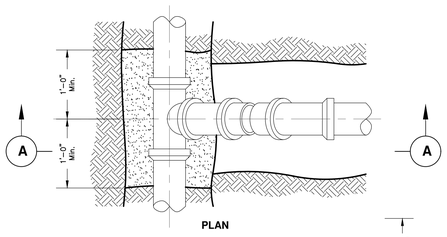
HYDRANT INSTALLATION

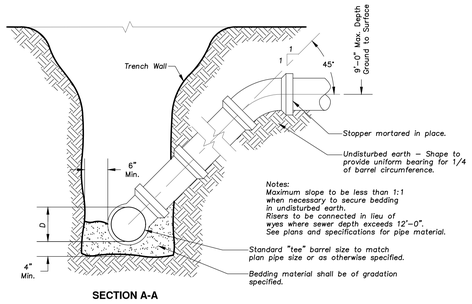


PRESSURE CONNECTION VAULT



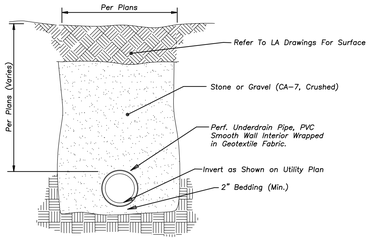
PVC CLEANOUT



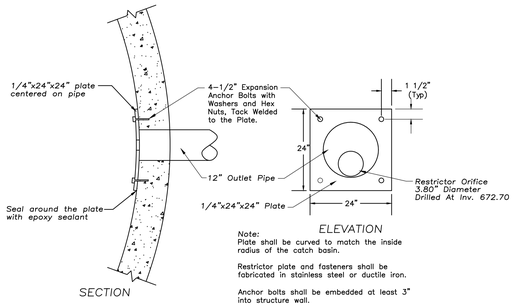


SECTION A-A

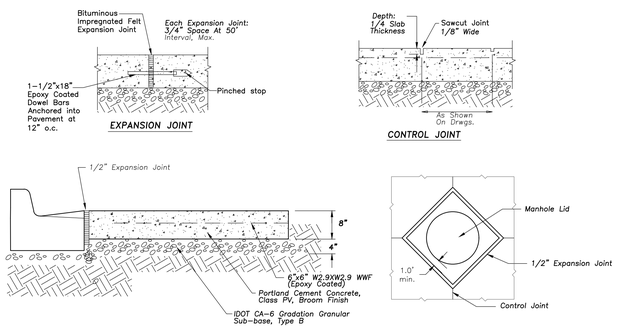
SEWER RISER PIPE



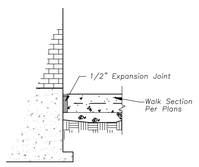
PIPE UNDERDRAIN



RESTRICTOR PLATE DETAIL

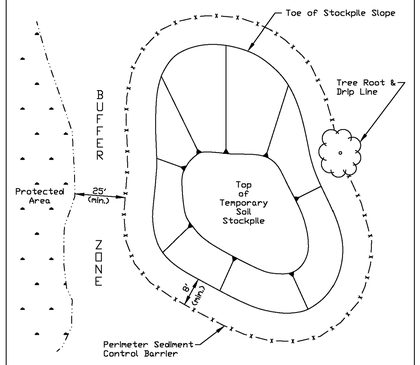


CONCRETE PAVEMENT DETAILS



WALK ADJACENT TO BUILDING

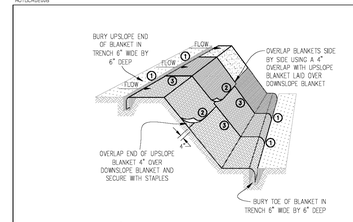
TEMPORARY SOIL STOCKPILE DETAIL



NOTES:
1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
2. Soil stockpile to be stabilized in accordance with practical standards.
3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access the soil stockpile that can create flow path for stormwater runoff.
5. Installation of benches, terraces, or slope interrupters should be considered.
6. Avoid building soil stockpiles on impervious surfaces.
7. Linear sediment trap surrounding the stockpile base may be used to control sediment.

REFERENCE		STANDARD DWG. NO.
Project		IUM-627
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE JANUARY 2017
Approved	Date	

AUTOCAD2006



NOTES:
1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non–stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 staples with non–stiched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

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EROSION CONTROL BLANKET INSTALLATION DETAILS

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LICENSED PROFESSIONAL ENGINEER
JEFF S. GELDMEYER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

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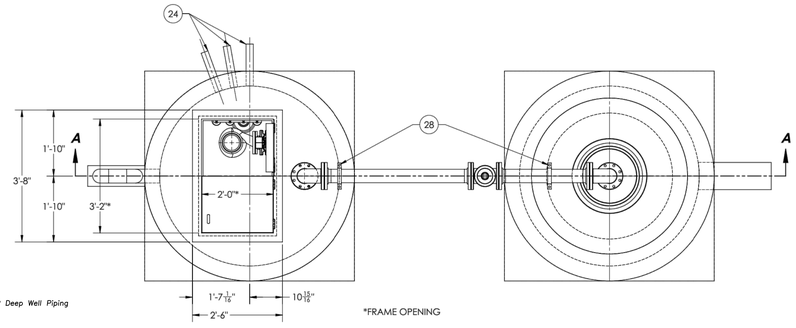
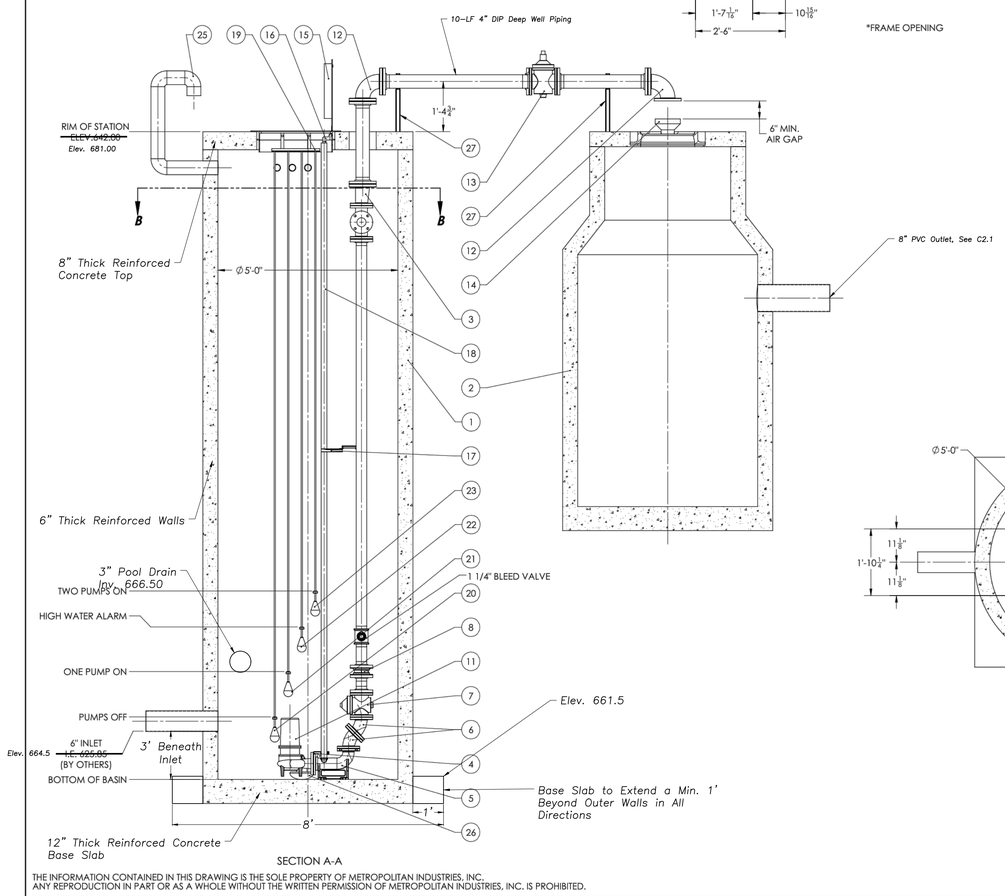
EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase 1\Drawings\Site Plan – Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:18pm By: jgeldmeyer

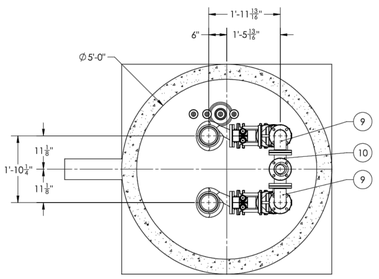
NOTE:
1. THIS DRAWING IS PRELIMINARY LAYOUT ONLY. NOT FOR CONSTRUCTION. CONSTRUCTION DRAWINGS WILL BE FORWARDED UPON RECEIPT OF APPROVED SUBMITTALS.
2. SOME ITEMS NOT SHOWN FOR CLARITY.
3. LIFT STATION TO BE INSTALLED BY AN EXPERIENCED AND QUALIFIED CONTRACTOR.
4. ALL CONCRETE WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. CONTRACTOR AND OR ENGINEER TO VERIFY ALL DIMENSIONS, ELEVATIONS, PIPING LAYOUT, AND ORIENTATION OF INLET (S), DISCHARGE AND CONDUIT (S).
6. ALL PIPING & VALVES ARE TO BE PROVIDED BY CONTRACTOR, UNLESS NOTED OTHERWISE.
7. CONDUITS ARE AS FOLLOWS: (1) 2" FOR LEVEL CONTROLS, (1) 2" FOR EACH PUMP POWER CORD.
8. CONTRACTOR TO ORDER CONTROL AND POWER CORDS OF SUFFICIENT LENGTH TO REACH CONTROL PANEL FROM POINT OF ORIGIN ON PUMPS WITHOUT SPLICING.
9. METROPOLITAN PUMP TO PROVIDE ONLY THE ITEMS SHOWN IN **BOLD**



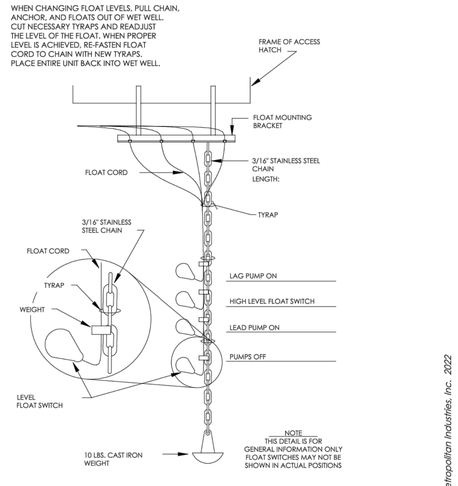


SECTION A-A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CONCRETE BASIN	60" DIA.	1
2	CONCRETE CATCH BASIN	BY OTHERS	1
3	**4"x3" ECCENTRIC REDUCER**	**CAST IRON FLANGED FITTING**	1
4	**3" MTM SEALING FLANGE**	BY OTHERS	2
5	**3" MTM ELBOW**	**BASE ELBOW 3" MTM**	2
6	3" - 45 Deg. Elbow	Flanged Fitting	4
7	3" PLUG VALVE	PULG VALVE, 3", 2 WAY	2
8	3" WAFER CHECK VALVE	FIGURE 813, PRINCE	2
9	3" S.R. ELBOW	D.I. FITTING	2
10	3" TEE	D.I. FITTING	1
11	**HYDROMATIC MODEL S3HRC**	**SUBMERSIBLE VORTEX SEWAGE PUMP, 3" DISCHARGE**	2
12	4" S.R. ELBOW	D.I. FITTING	2
13	4" PLUG VALVE	VALVE, PLUG, 4", 2 WAY, PN PEC, 4,1,C1, NBR-CR-NUT	1
14	AIR GAP FITTING	BY OTHERS	1
15	**APD300-24x38**	**DUPLEX ALUMINUM ACCESS HATCH**	1
16	**UPPER GUIDE RAIL SUPPORT**	**FOR 1 1/2" GUIDE RAILS (3" MTM SYSTEM)**	2
17	**INTERMEDIATE GUIDE RAIL SUPPORT**	**1.5" GUIDE RAILS**	2
18	**1 1/2" GUIDERAIL**	**SCHED. 40, STAINLESS STEEL PIPE**	8
19	**FLOAT MOUNTING BRACKET**	**STAINLESS STEEL, TO BE SHIPPED LOOSE - CONTRACTOR TO INSTALL IN FIELD**	1
20	**FLOAT: OFF LEVEL**	**METROPOLITAN SUBMERSIBLE LEVEL SWITCH**	1
21	**FLOAT: LEAD PUMP ON**	**METROPOLITAN SUBMERSIBLE LEVEL SWITCH**	1
22	**FLOAT: ALARM LEVEL**	**METROPOLITAN SUBMERSIBLE LEVEL SWITCH**	1
23	**FLOAT: LAG PUMP ON**	**METROPOLITAN SUBMERSIBLE LEVEL SWITCH**	1
24	2" CONDUIT	BY OTHERS	3
25	4" VENT PIPING	BY OTHERS	1
26	**ANCHOR**	**10lbs CAST IRON, WITH STAINLESS STEEL CHAIN FOR LEVEL CONTROL MOUNTING**	1
27	PIPE SUPPORT STRUCTURAL STEEL	BY OTHERS	2
28	4" DIP PIPE SUPPORT	BY OTHERS	2



SECTION B-B



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DATE	BY	REVISION	DATE	BY	REVISION

SCALE: 1:18
DRN. BY: R.J.E.
DATE: 8/4/2022
APP. BY:

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37 FORESTWOOD DR. ROMEOVILLE, ILLINOIS 60446
(815)886-9200 FAX (815)886-4573
PUMPS - CONTROLS - SYSTEMS

TITLE: *DUPLEX POOL DRAIN SYSTEM*

PROJECT: *POOL DRAIN SYSTEM*
RECREATION PARK
ARLINGTON HEIGHTS, IL

SHEET 1 OF 1
38194.19
DWG NUM. / JOB NO.
225W174C208-22C

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JEFF S. GELDMYER
062-072792
OF ILLINOIS

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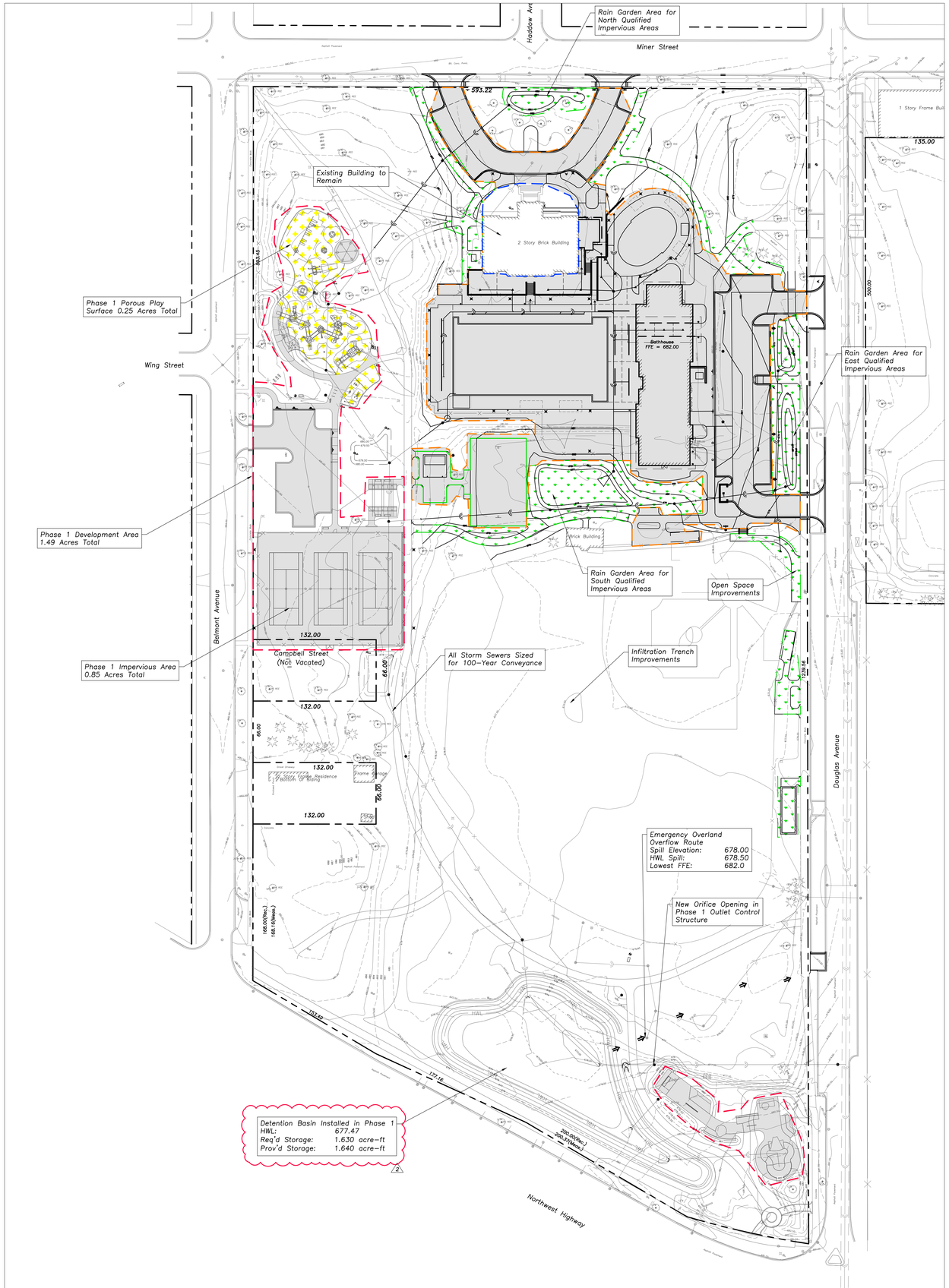

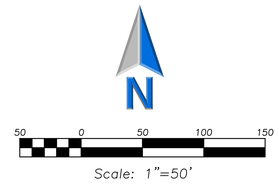

2

Phase 1 (WMO 24-0154)

Project Development Area
Area = 65,000 sf
= 1.49 Acres

Impervious Area - Central Rain Garden Trib. (Tennis)
= 37,125 SF
= 0.85 Acres

Total Impervious Area = 37,125 SF = 0.85 Acres

Porous Rubberized Surface
= 10,700 SF
= 0.25 Acres

Phase 2 & 3

Project Development Area
Area = 115,000 sf
= 2.64 Acres

Impervious Area - North Rain Garden
= 12,000 SF
= 0.28 Acres

Impervious Area - East Rain Garden Trib. (Parking)
= 21,750 SF
= 0.50 Acres

Impervious Area - South Rain Garden Trib.
= 60,000 SF
= 1.38 Acres

Total Impervious Area = 95,000 SF = 2.18 Acres

2

Open Space Improvements
Area = 32,750 sf
= 0.75 Acres

Phase 1 Qualified Development Area = 1.49 Acres
Impervious Area = 0.85 Acres
Pervious Area = 0.40 Acres
Porous Play Surface Area = 0.25 Acres

Total Qualified Development Area = 4.13 Acres
Allowable Release Rate = 0.83 cfs (0.2 cfs/acre)
Actual Release Rate = 0.83 cfs

CN for Qualified Development (Ph1-3) = 93.86

2

Reduced Curve Number for Qualified Development = 87.42 (Used in Nomo)

Required Storage Per Nomo = 1.630 acre-ft

Provided Storage = 1.640 acre-ft
HWL = 677.47
Spill Elevation = 678.00

Available Storage at Spill = 1.95 Acre-Ft

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EXPIRATION DATE: 11/30/2025

NO	DATE	ISSUANCE DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

PROPOSED DRAINAGE EXHIBIT - MWRD

SHEET NO.
CX.1

JOB NO. 24-4036.01

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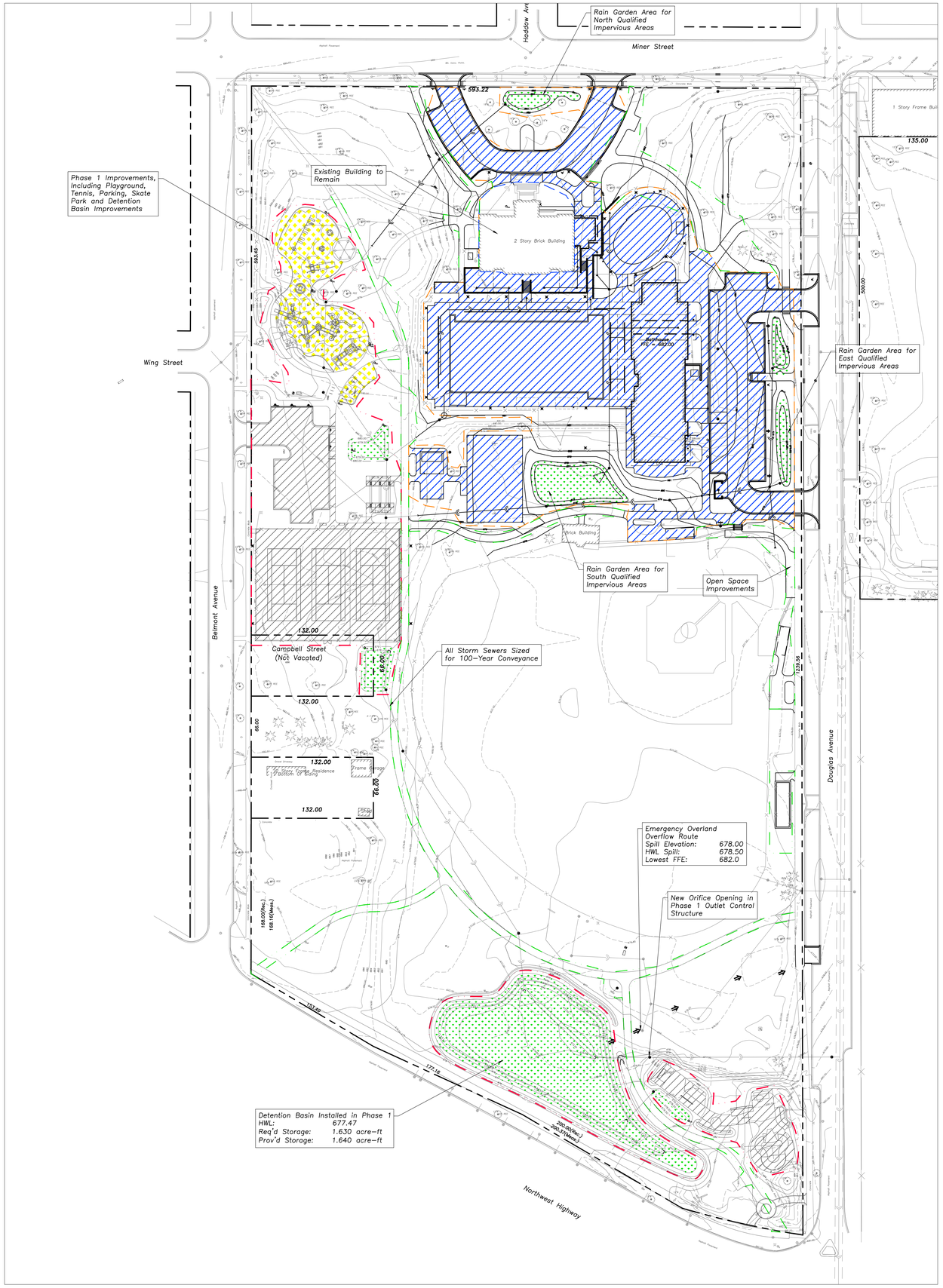
EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase I\Drawings\Site Plan – Rec. Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:19pm By: jgeldmyer





50 0 50 100 150

Scale: 1"=50'

C Impervious = 0.95
C Porous = 0.75
C Pervious = 0.50
C Rain Garden = 0.10
C Native = 0.15

Project Development Area = 99,500 sf = 2.28 Acres

Impervious Area = 37,075 SF = 0.85 Acres

Porous Rubberized Surface = 10,700 SF = 0.25 Acres C = 0.70

Native Plantings = 26,500 SF = 0.61 Acres C = 0.15

Phase 2 & 3

Project Development Area = 133,000 sf = 3.06 Acres

Impervious Area = 93,000 SF = 2.13 Acres

Bio-Infiltration (Rain Garden) = 10,400 SF = 0.24 Acres C = 0.10

Open Space Improvements Area = 40,000 sf = 0.92 Acres

Total Development Area = 5.34 Acres
Impervious Area = 2.97 Acres
Pervious Area = 0.50 Acres
Porous Play Surface Area = 0.25 Acres
Bioinfiltration Area = 0.24 Acres
Native Planting Area = 0.61 Acres

Total Qualified Development Area = 5.34 Acres
Allowable Release Rate = 0.96 cfs (0.18 cfs/acre)
Actual Release Rate = 0.83 cfs (MWRD Governs)

Composite C for Qualified Dev. (Ph1-3) = 0.70

Required Storage Per MRM = 1.534 acre-ft

Provided Storage = 1.629 acre-ft
HWL = 677.45
Spill Elevation = 678.00

Available Storage at Spill = 1.95 Acre-Ft

MWRD Requirements Govern Release and Required Storage

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LICENSED PROFESSIONAL ENGINEER
JEFF S. GELDMYER
062-072792
OF ILLINOIS

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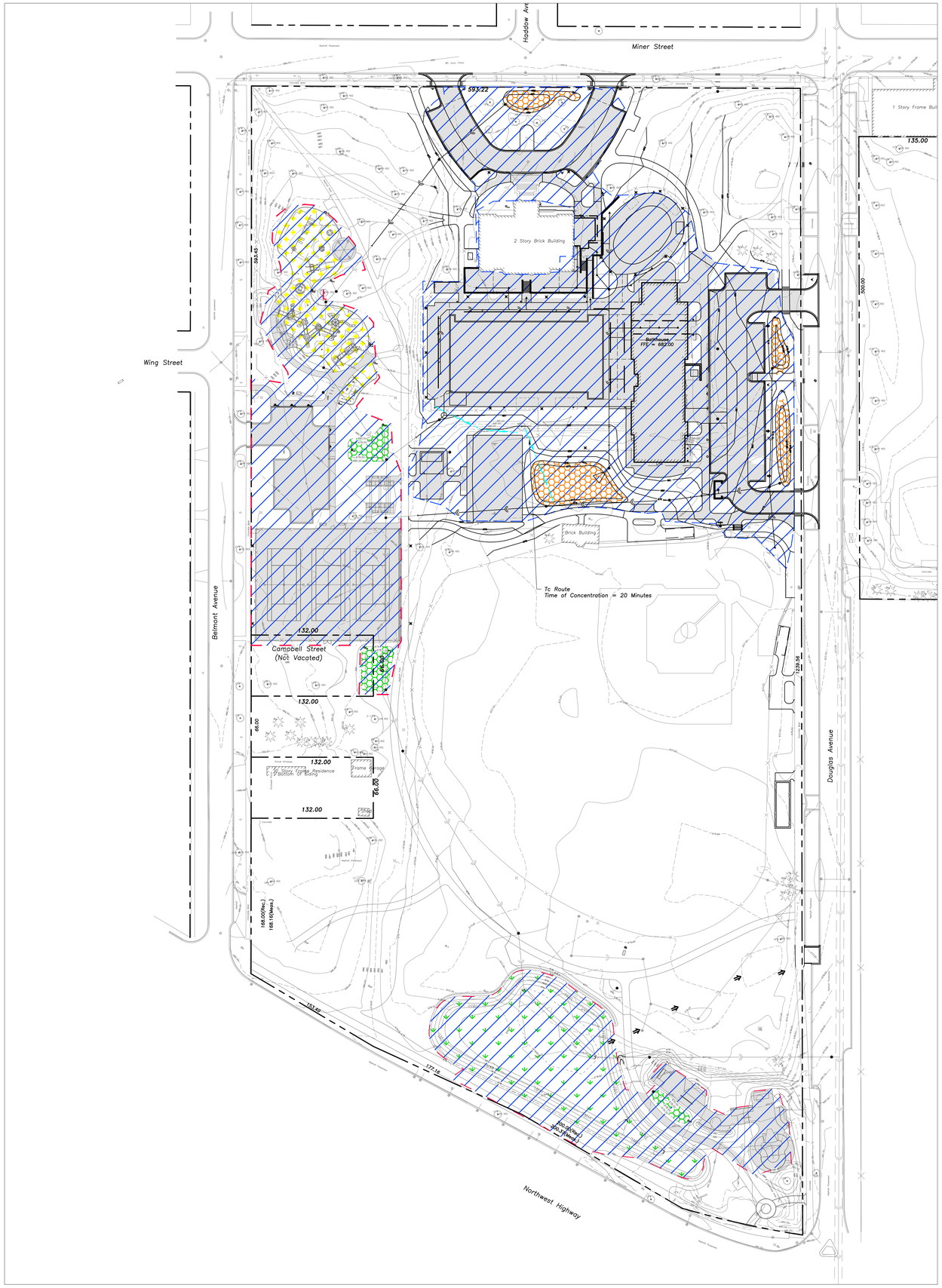



Phase 1 Tributary Area
Area = 2.40 Acres

Impervious Area
= 38,925 SF
= 0.89 Acres
C = 0.95

Porous Rubberized Surface
= 10,700 SF
= 0.25 Acres
C = 0.75

Native Planting Area
= 26,750 SF
= 0.61 Acres
C = 0.15

Rain Garden Area
= 3,325 SF
= 0.08 Acres
C = 0.10

Pervious Area
= 0.57 Acres
C = 0.50 (Per Village)

Phase 2 Tributary Area
Area = 3.22 Acres

Impervious Area
= 92,150 SF
= 2.12 Acres
C = 0.95

Rain Garden Area
= 7,325 SF
= 0.17 Acres
C = 0.10

Pervious Area
= 0.93 Acres
C = 0.50 (Per Village)

Total Tributary Area
Area = 5.62 Acres

Composite C Value 0.63

Total Tributary Area
= 5.62 Acres
4.13 Acres Qualified, 1.49 Acres Upstream Undisturbed or Open Space Areas

Composite Runoff Coefficient for Tributary Area = 0.63
*Utilizes Village Runoff Coefficients, More Conservative than MWRD

Time of Concentration = 20 Minutes

Required Overflow Rate Per Rational Method
28.7 CFS

Overflow Weir Capacity (See Calculations):
29.4 CFS

Spill Elevation = 678.00
Spill Crest = 678.50
Lowest Building FFE = 682.0±

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OVERFLOW EXHIBIT

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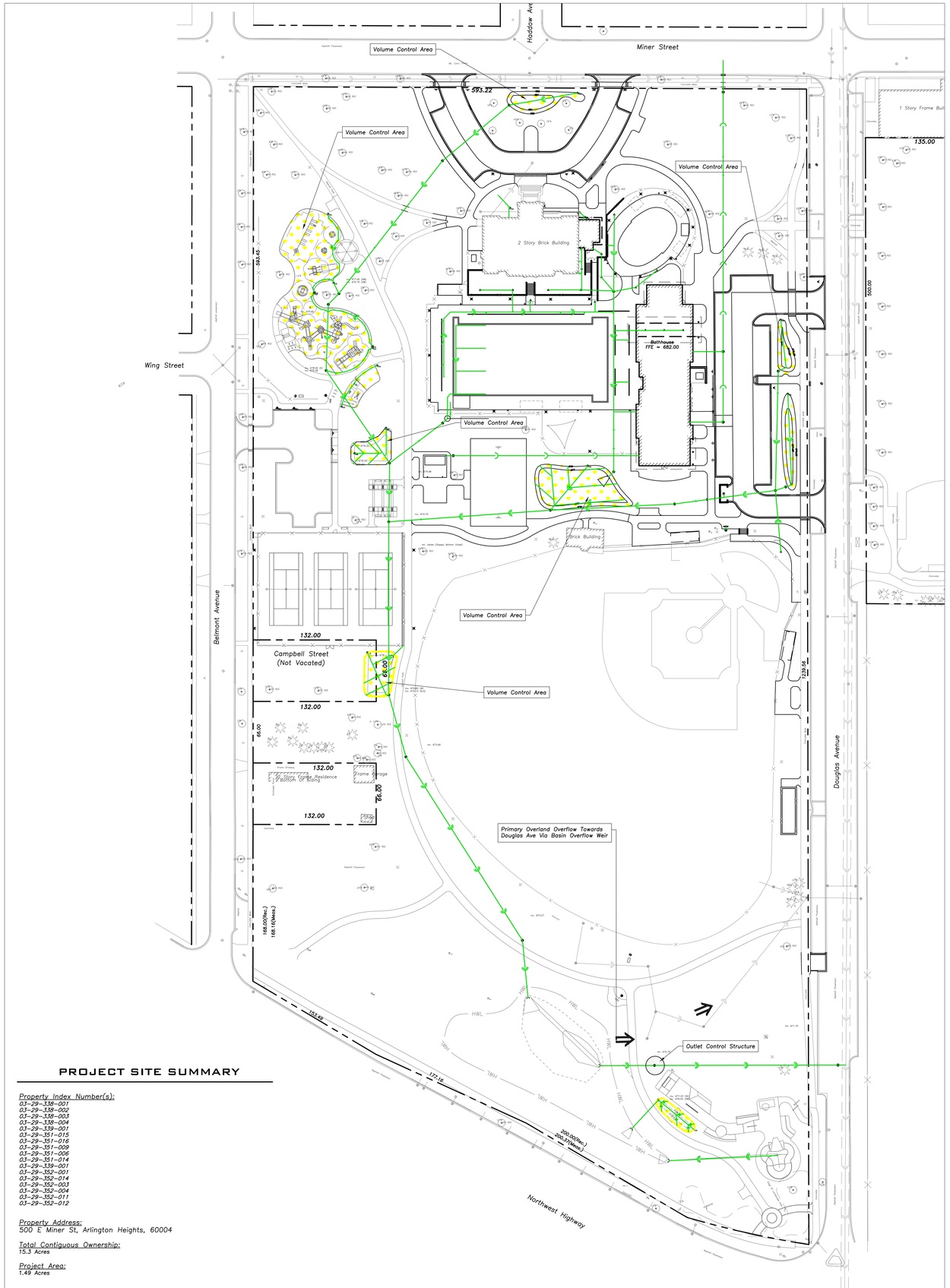

PROJECT SITE SUMMARY

Property Index Number(s):
03-29-338-001
03-29-338-002
03-29-338-003
03-29-338-004
03-29-339-001
03-29-351-015
03-29-351-016
03-29-351-009
03-29-351-006
03-29-351-014
03-29-339-001
03-29-352-001
03-29-352-014
03-29-352-003
03-29-352-004
03-29-352-011
03-29-352-012

Property Address:
500 E Miner St, Arlington Heights, 60004

Total Contiguous Ownership:
15.3 Acres

Project Area:
1.49 Acres

MWRD RECORDING & MAINTENANCE NOTES

The Owner Of This Development, With Facilities As Shown On This Exhibit (Exhibit R), Shall Assume Responsibility For The Following Perpetual Maintenance Activities:

1. General
   Regular Inspections And Routine Maintenance Of General Areas Shall Be Performed On A Monthly Or As-Needed Basis. Specific Items Of Concern Include:
   - Litter And Debris Shall Be Controlled
   - Landscaped Areas Shall Be Maintained With Regular Mowing And Restored With Appropriate Seeding / Vegetation As Necessary
   - Accumulated Sediment Shall Be Disposed Of Properly, Along With Any Wastes Generated During Maintenance Operations
   - Riprap Areas Shall Be Repaired With The Addition Of New Riprap, As Necessary, Of Similar Size And Shape
   - Roads Shall Be Swept, Vacuumed And/Or Washed On A Regular Basis

2. Stormwater Management Facilities
   All Components Of The Stormwater Management Facilities Shall Be Checked Monthly Between March And November And Maintained As Necessary To Ensure Proper Performance. It Is Critical That All Inflows And Outflows To The Detention Facility Are Clean And Performing As Designed. In Addition, The Design Volume Of The Detention Facility Shall Also Be Maintained. Inspections For The Following Specific Items Should Be Conducted Monthly Between March And November:

   Side Slopes/Embankment/Emergency Overflow Structure
   - Inspect Embankments For Settlement And Erosion
   - Remove Woody Growth From The Embankment
   - Any Breaks, Hire Registered Professional Engineer For Design Resolution
   - Seed And Sod Any Eroded Areas
   - Signs Of Piping (Leakage) Or Seepage, Repair
   - Stabilize Emergency Overflow Structure If Erosion Observed
   - Remove Obstructions Blocking Emergency Overflow Spillway

   Vegetated Areas
   - Regular Mowing To Control Vegetation, No Cutting Of Native Vegetation
   - Need For Planting, Reseeding, Or Sodding. Supplement Alternative Native Vegetation If A Significant Portion Has Not Been Established (50% Of The Surface Area). Reseed With Alternative Grass Species If Original Grass Cover Has Not Been Successfully Established.
   - Evidence Of Grazing, Motorbikes Or Other Vehicles, Repair
   - Check For Invasive Vegetation, Remove Where Possible
   - All Vegetation Must Be Maintained Per The Approved Planting Plan

   Outlet Control Structure
   - Inspect Restrictor And Remove Debris If Clogged Or Discharge Reduced
   - Remove Accumulated Sediment At Outlet
   - Scour And Erosion At Outlet, Repair And Reseed
   - Any Ice Damage To Outlet Of Pipe, Repair If Necessary
   - Condition Of Trash Racks, Remove Debris
   - Outlet Pipe Conditions Downstream

   Access For Maintenance Equipment
   - Remove Any Obstructions Placed In Maintenance Easements

   Safety Features
   - Access Controls To Hazardous Areas
   - Fences
   - Loose Or Damaged Posts
   - Loose Or Broken Wires
   - Condition Of Gates
   - Signs

   Detention Volume
   - Inspect All Stormwater Detention Facilities To Ensure That The Constructed Volume For Detention Is Maintained. No Sediment, Topsoil, Or Other Dumping Into The Facility Shall Be Allowed. Specific Locations In The Stormwater Management System, Design To Accumulate Sediment, Shall Be Dredged As Necessary To Prevent Sediment From Reaching The Invert Of Any Gravity Outlet Pipe.

3. Volume Control Facility
   Routing Inspections And Maintenance Of Volume Control Facilities Shall Be Performed By The Owner On A Yearly Or As-Needed Basis. Specific Items Of Concern Include:
   - Facility Shall Be Inspected Yearly Using The Monitoring Well To Verify The System Is Functioning Properly.
   - Surface Of Permeable Pavement Shall Be Cleaned With Low-Pressure Power Washer.
   - Accumulated Sediment From The Surface Shall Be Vacuumed Out And Disposed Of Properly.
   - Appropriate Signage Shall Be Repaired If Damaged Or Illegible.

4. Stormwater Collection System
   The Owner Shall Perform Monthly Inspections Of All Components Of The Stormwater Collection System. The Monthly Inspection Shall Occur Between March And November And Include The Following Specific Areas Of Concern:

   Storm Inlets/Manholes
   - Remove Accumulated Leaves And Other Debris From Grates
   - Reset Covers/Lids On As-Needed Basis
   - Remove Accumulated Sediment From Manhole Bottom When 50% Of Sump Is Filled

   Storm Sewers/Culverts
   - Visually Inspect Pipes By Removing Manhole Lids, Make Repairs As Necessary
   - Storm Sewers And Culverts Shall Be Checked For Siltation Deposits At Inlets, Outlets, And Within The Conduit; Clean Out As Necessary
   - Restore Riprap At Outfalls If Erosion Observed
   - Replant And Reseed Any Eroded Areas

   Overland Flow Routes (Ditches/Swales)
   - Annual Visual Inspections Shall Be Performed That Verify The Design Capacity Of The Overland Flow Routes Is Maintained. The Slope And Cross-Sectional Area Of The Ditch/Swale Shall Be Verified During This Inspection.
   - Remove Any Obstructions That Have Been Placed In The Drainage Path
   - Seed And Sod Any Eroded Areas
   - Restore Riprap As Necessary
   - Regrade To Provide Positive Drainage As Necessary
   - Regular Mowing To Control Vegetation

5. Vegetated Areas
   - Need For Planting, Seeding, Or Sodding. Supplement Alternative Native Vegetation If A Significant Portion Has Not Established (50% Of The Surface Area After Second Growing Season). Reseed With Alternative Native Grass Species If Original Grass Cover Has Not Successfully Established.
   - Evidence Of Grazing, Motorbikes, Or Other Vehicles, Repair.
   - Check For Invasive Vegetation, Remove When Possible.
   - Regular Mowing To Control Vegetation; It Is Recommended That Native Vegetation Remain Uncut.
   - Dead Or Damaged Non-Native Grass Areas, Repair With Seeding With Fertilization Or Seeding With Mulch.
   - Compensatory Storage Area Shall Be Reseeded With Appropriate Vegetation According To The Approved Planting Plan.

6. Qualified Sewer Construction
   - Perform Manhole Inspections Once Every Five Years, Make Repairs As Necessary.
   - Perform Sewer Inspections Once Every Five Years, Make Repairs As Necessary.
   - Perform Regular Cleaning So That Each Sewer Segment Is Cleaned Once Every 5 Years.
   - Remove Any Obstructions Placed In Maintenance Easements That May Impede Maintenance Equipment Access.

	REQUIRED	PROVIDED
STORMWATER MANAGEMENT SUMMARY	(ACRE-FT)	(ACRE-FT)
STORMWATER DETENTION	1.630	1.640
VOLUME CONTROL	0.252	0.267

2

LEGEND

- OUTLET CONTROL STRUCTURE
- VOLUME CONTROL AREA
- EMERGENCY OVERFLOW SPILLWAY
- QUALIFIED SEWER CONSTRUCTION

N

50 0 50 100 150

Scale: 1"=50'

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EXHIBIT R - MONITORING & MAINTENANCE

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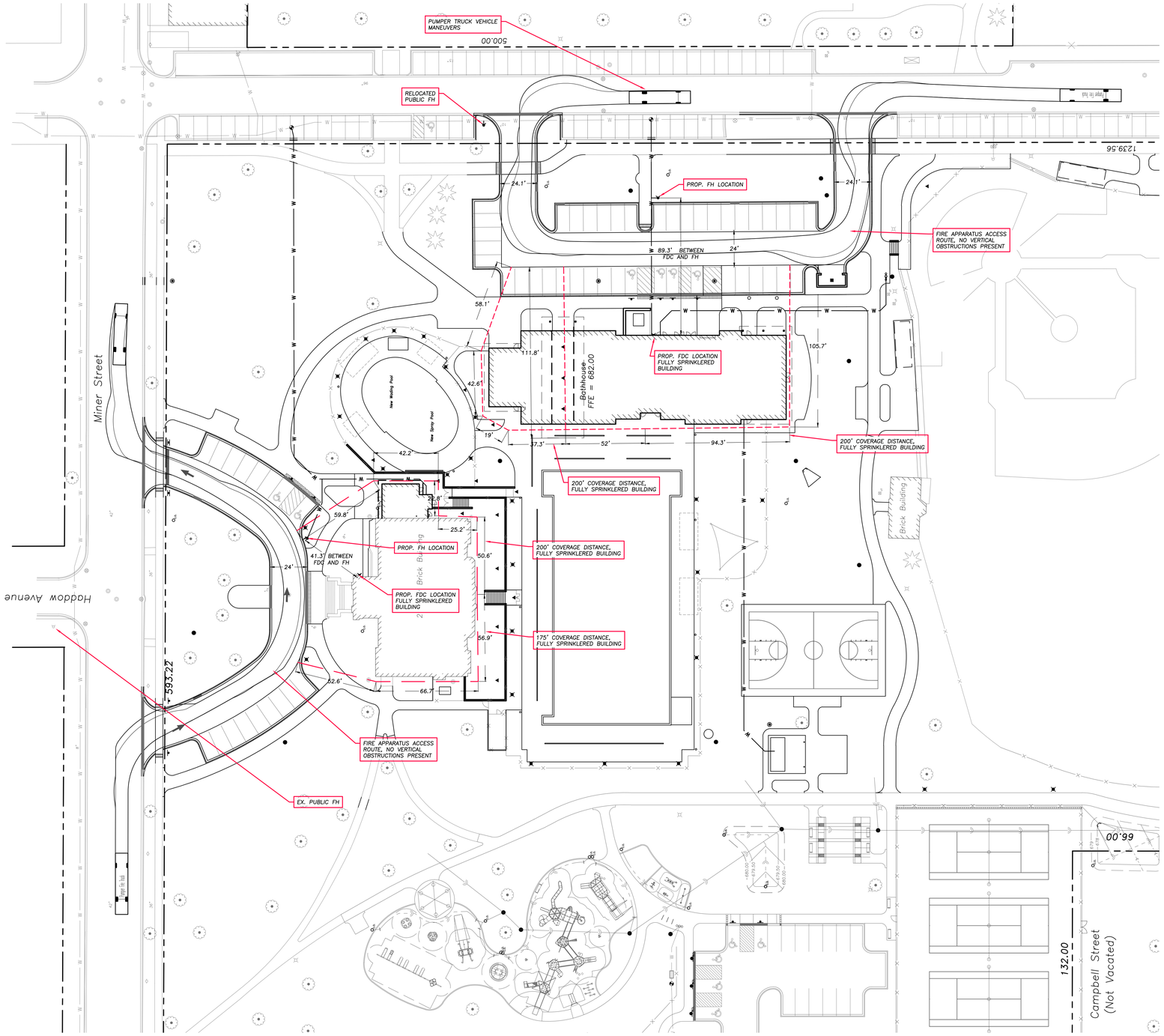

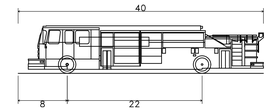

Pumper Fire Truck	
Overall Length	40.000ft
Overall Width	8.167ft
Overall Body Height	7.745ft
Min Body Ground Clearance	0.656ft
Track Width	8.167ft
Lock-to-lock time	5.00s
Max Wheel Angle	45.00°





Scale: 1"=30'

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1 FIRE DEPARTMENT EXHIBIT

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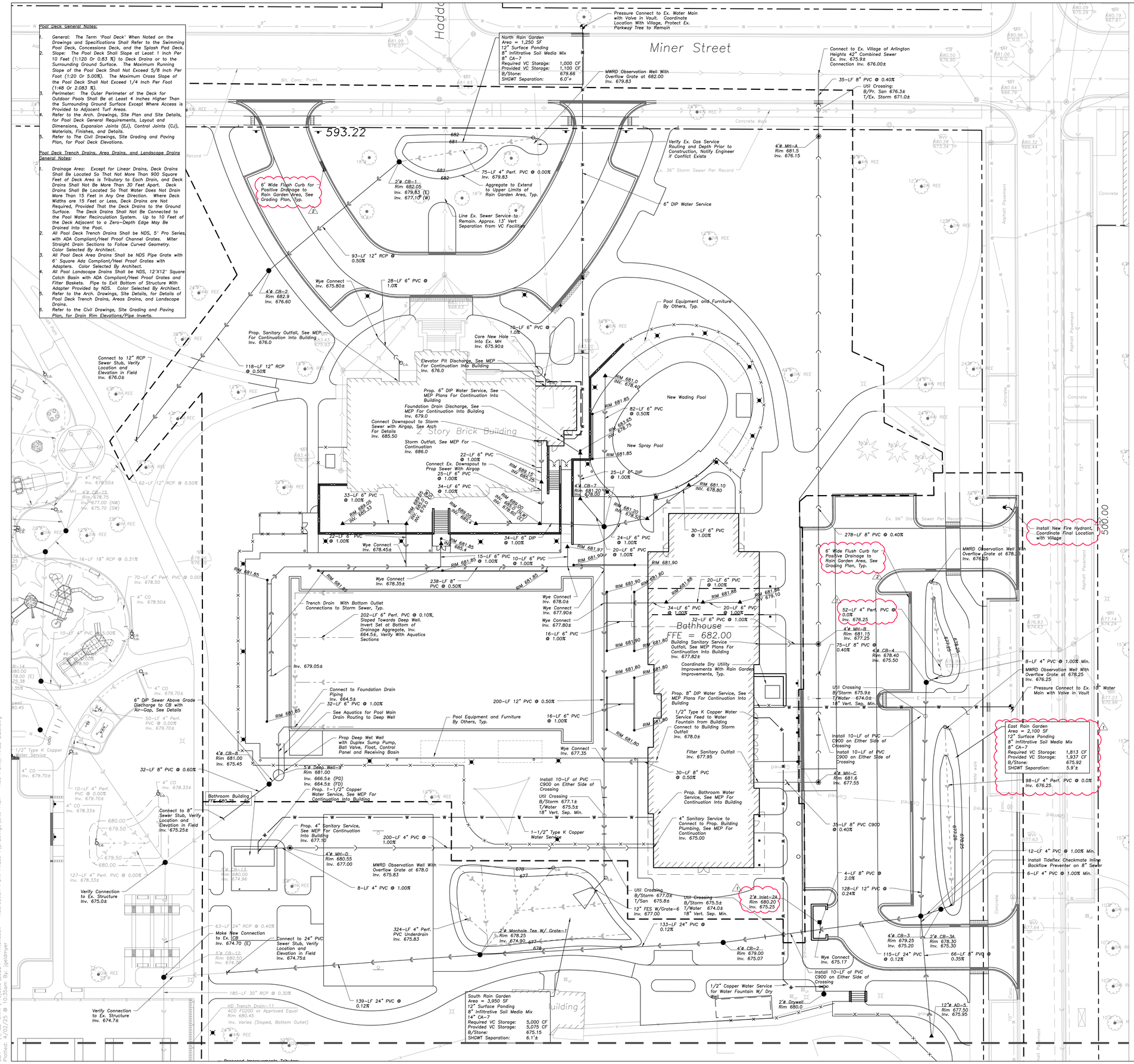
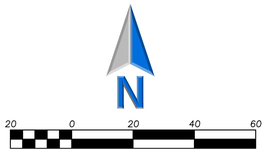
EXHIBIT H

UTILITY PLANS





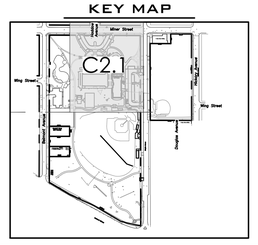
LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Clean Out	
	Storm Sewer	
	Sanitary Sewer	
	Combined Sewer	
	Water Main	
	Gas Line	
	Overhead Wires	
	Electrical Cable (Buried)	
	Telephone Line	
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
	Downspout	
	Bollard	
	Gas Valve	
	Gas Meter	
	Electric Meter	
	Electric Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
x C 782.50	Curb Elevation	C 782.50
x G 782.00	Gutter Elevation	G 782.00
x P 783.25	Pavement Elevation	P 783.25
x W 782.10	Sidewalk Elevation	W 782.10
x 784.0	Ground Elevation	x 784.0
781	Swale	
781	Contour Line	781
	Deciduous Tree	
	Coniferous Tree	

GENERAL NOTES

1. *The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and Is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.*
2. *Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.*
3. ***Contractor Shall Provide Private Utility Locating Services for the Project Area.***
4. *Notify The Owner, Engineer and The **Village of Arlington Heights** A Minimum of 48 Hours In Advance of Performing Any Work.*
5. *All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.*
6. *These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly. **Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.***
7. *No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.*
8. *The Engineer Is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.*
9. ***Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.***
10. *The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.*

KEY MAP



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NAPERVILLE, ILLINOIS 60540
630.717.5399

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847.352.4500

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12851 MANCHESTER ROAD, SUITE 120
ST. LOUIS, MISSOURI 63131
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JEFF S. GELDWER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

NO	DATE	ISSUANCE DESCRIPTION
	03/07/2025	PROGRESS PRINT
1	03/27/2025	PLAN COMMISSION REV. 1

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR IDPH

SITE UTILITY PLAN - NORTH

SHEET NO.
C2.1

JOB NO. 24-4036.01

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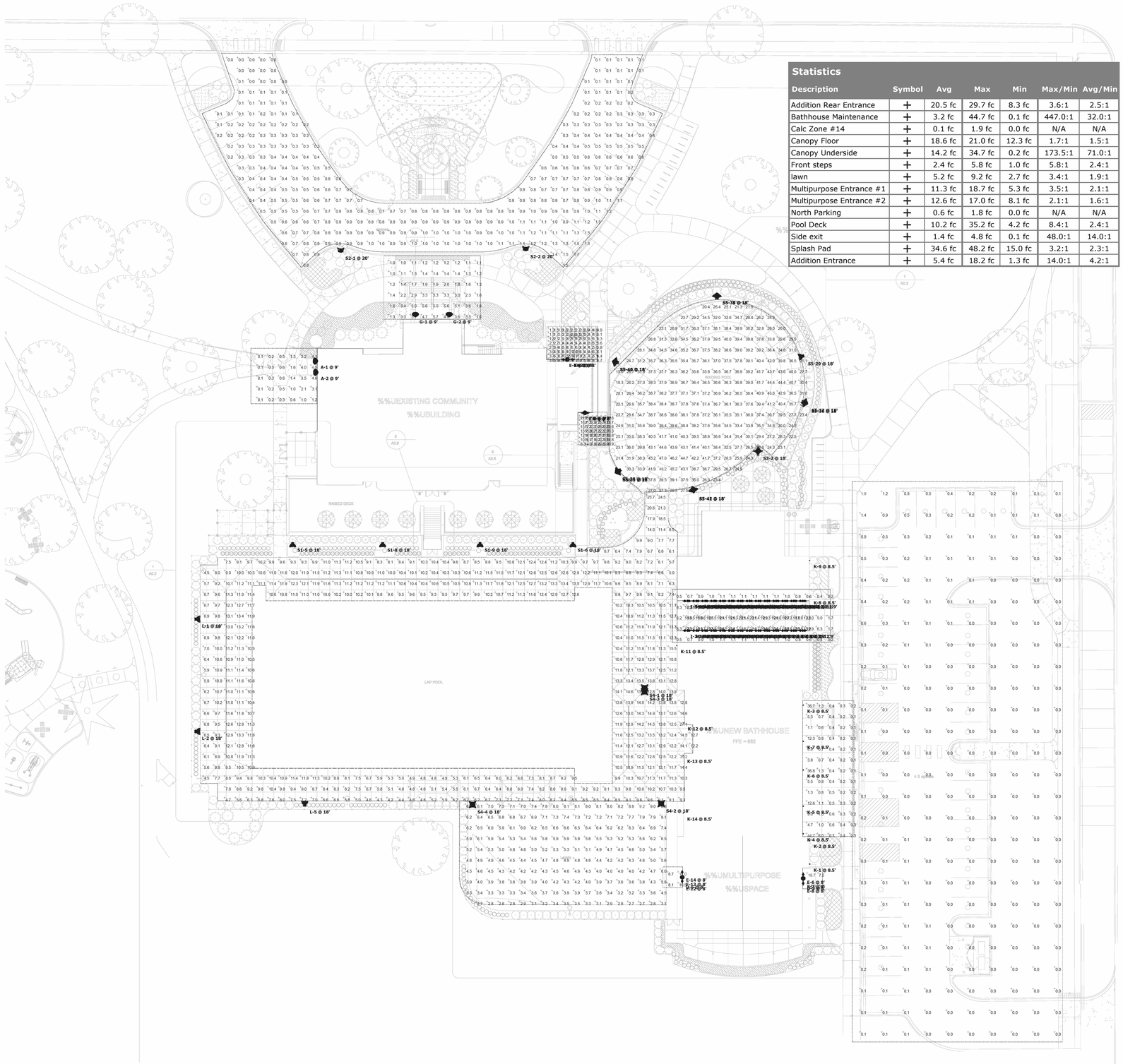
EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase 1\Drawings\Site Plan – Rec. Park_PHASE 2&3.dwg
Plotted: 3/02/25 @ 10:35am By: jgendmyer

EXHIBIT I

PHOTOMETRIC PLANS



Plan View
Scale - 1" = 20ft

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Addition Rear Entrance	+	20.5 fc	29.7 fc	8.3 fc	3.6:1	2.5:1
Bathhouse Maintenance	+	3.2 fc	44.7 fc	0.1 fc	447.0:1	32.0:1
Calc Zone #14	+	0.1 fc	1.9 fc	0.0 fc	N/A	N/A
Canopy Floor	+	18.6 fc	21.0 fc	12.3 fc	1.7:1	1.5:1
Canopy Underside	+	14.2 fc	34.7 fc	0.2 fc	173.5:1	71.0:1
Front steps	+	2.4 fc	5.8 fc	1.0 fc	5.8:1	2.4:1
lawn	+	5.2 fc	9.2 fc	2.7 fc	3.4:1	1.9:1
Multipurpose Entrance #1	+	11.3 fc	18.7 fc	5.3 fc	3.5:1	2.1:1
Multipurpose Entrance #2	+	12.6 fc	17.0 fc	8.1 fc	2.1:1	1.6:1
North Parking	+	0.6 fc	1.8 fc	0.0 fc	N/A	N/A
Pool Deck	+	10.2 fc	35.2 fc	4.2 fc	8.4:1	2.4:1
Side exit	+	1.4 fc	4.8 fc	0.1 fc	48.0:1	14.0:1
Splash Pad	+	34.6 fc	48.2 fc	15.0 fc	3.2:1	2.3:1
Addition Entrance	+	5.4 fc	18.2 fc	1.3 fc	14.0:1	4.2:1

fgma
FGMARCHITECTS

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ILLINOIS PROFESSIONAL DESIGN FIRM #184-000350

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ISSUANCE

NO	DATE	DESCRIPTION
	01/17/2025	ISSUE FOR IDPH

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE

ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR IDPH

ELECTRICAL SITE PHOTOMETRICS PLAN

SHEET NO.
EP1.1

berg engineering consultants, ltd.
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electrical 847-352-4500 Tel
plumbing 847-352-4815 Fax
fire protection www.berg-eng.com

JOB NO. 24-4036.01

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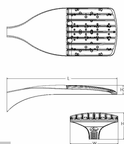
D-Series Size 1
LED Area Luminaire

d*series

Specifications

EPA:	0.69 ft² (0.06 m²)
Length:	32.71" (83.1 cm)
Width:	14.26" (36.2 cm)
Height H1:	7.88" (20.0 cm)
Height H2:	2.73" (6.9 cm)
Weight:	34 lbs (15.4 kg)



Design Select options indicated by this color background.

Catalog Number
Notes
Type

Hit the link key to remain over the page to see all construction materials.

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and excellent power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

Series	LEDs	Color temperature[1]	Color Rendering Index[1]	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** (this section 70CRI only)	30K 3000K	70CRI	AFR Automotive front row	MVOLT[2] (120V-277V)[3]	**Shipped included**
	P1 P6	40K 4000K	70CRI	T1S Type I short	HVOLT (347V-480V)[3,4]	SPA Square pole-mounting (#8 drilling)
	P2 P7	50K 5000K	70CRI	T2M Type II medium	120[5,6]	RPA Round pole-mounting (#8 drilling)
	P3 P8	(this section 80CRI only, extended lead times apply)	70CRI	T3M Type III medium	208[5,6]	SPAS Square pole-mounting #5 drilling[7]
	P4 P9			T3LG Type III low glare[1]	240[5,6]	RPAS Round pole-mounting #5 drilling[7]
	P5	**Rotated optics**	80CRI	T4M Type IV medium	277[5,6]	SPABN Square narrow pole mounting #8 drilling
	P10[8] P12[1]	27K 2700K	80CRI	T4LG Type IV low glare[1]	347[5,6,8]	WBA Wall bracket[9]
	P11[1] P13[1]	30K 3000K	80CRI	BTSM Forward throw medium	480[5,6,8]	MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)
		35K 3500K	80CRI			
		40K 4000K	80CRI			
		50K 5000K	80CRI			

Control options	Other options	Finish (required)
Shipped installed	**Shipped installed**	DDBXD Dark Bronze
NLTAIR2 PIRHN nLight AIR generation 2 enabled with bi-level motion / ambient sensor, 8–40' mounting height, ambient sensor enabled at 2fc.[10,11,12]	SPD20KV 20KV surge protection	DBLXD Black
	DS Houseside shield (black finish standard)[13]	DNAXD Natural Aluminum
PIR High/low, motion/ambient sensor, 8–40' mounting height, ambient sensor enabled at 2fc.[10,11,12]	L90 Left rotated optics[1]	DWHXD White
	R90 Right rotated optics[1]	DDBTXD Textured dark bronze
PER NEMA twist-lock receptacle only (controls ordered separately)[14]	CCE Coastal Construction[15]	DBLBXD Textured black
	WA 120°C ambient operation[16]	DNATXD Textured natural aluminum
PERS Five-pin receptacle only (controls ordered separately)[14,17]	BAA Buy America(n) Act and/or Build America Buy America Qualified	DWHGXD Textured white
	SF Single fuse (120, 277, 347V)[3]	
	DF Double fuse (208, 240, 480V)[3]	
PER7 Seven-pin receptacle only (controls ordered separately)[14,17]	**Shipped separately**	
FAO Field adjustable output[18,19]	EGSR External Glare Shield (reversible, field install required, matches housing finish)	
BL30 Bi-level switched dimming, 30%[18,19]	BSHR Bird Spikes (field install required)	
BL50 Bi-level switched dimming, 50%[18,19]		
DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)[18]		
DS Dual switching[18,19,20]		

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Ordering Information

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V)[21]
DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347V)[4]
DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V)[4]
DSHORT SBK Shorting cap[22]
DSX1HS/PUR House-side shield (one package number 1-13 is place of it)
DSXRPA (FINISH) Round pole adapter (#8 drilling, specify finish)
DSXSPA3 (FINISH) Square pole adapter #3 drilling (specify finish)
DSXRPA3 (FINISH) Round pole adapter #3 drilling (specify finish)
DSXTEGSR (FINISH) External glare shield (specify finish)
DSXTBSHR (FINISH) Bird spike deterrent bracket (specify finish)

NOTES
1. Rotated optics available with packages P1D, P11, P12 and P13. Must be combined with option L90 or R90.
2. 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
3. T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
4. HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
5. MVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
6. HVOLT not available with package P1 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
7. XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
8. XVOLT not available in packages P1 or P10. XVOLT not available with fusing (SF or DF).
9. Requires luminaire to be specified with T4M, T4LG, P8R, P8RS, P8T, P8TS, FAO, BL30, or BL50.
10. WBA cannot be combined with Type 3 distributions plus photocontrol (P3D).
11. NLTAIR2 and PIRHN must be ordered together. For more information on nLight AIR2 visit this link.
12. NLTAIR2 PIRHN not available with options DS and DSSW. Contact Technical Support for availability.
13. Option HS not available with performance packages P4, P5, P7, P8, P9 and P13.
14. Requires luminaire to be specified with P8R, P8RS or P8RT option. See Controls Table on page 4.
15. Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).
16. Requires luminaire to be specified with P8R, P8RS or P8RT option. See Controls Table on page 4.
17. DMG not available with NLTAIR2 PIRHN, PIR, PER, P8R, P8RS, P8RT, BL30, BL50, FAO and DS.
18. DS not available with NLTAIR2 PIRHN, PIR, PER, P8RS, P8RT, BL30, BL50, FAO and DMG.
19. DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P6, P9, P10, P11, P12 and P13.
20. Not available with P1, P2, P3 or P4. See table on page 4 to see functionality.
21. Reference Controls Options table on page 4.
22. HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
23. CCE option not available with options BS and SSSW. Contact Technical Support for availability.
24. Option HA not available with performance packages P4, P5, P7, P8, P9 and P13.

Shield Accessories



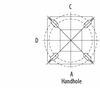
External Glare Shield (EGSR)



House Side Shield (HS)

Drilling

HANDHOLE ORIENTATION



Template #8



Tenon Mounting Slipfitter

Tenon O.D.	Mounting Code	1 @ 180	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
2-3/8"	RPA	AS3-5-190	AS3-5-280	AS3-5-290	AS3-5-390	AS3-5-320	AS3-5-490
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST25-320	AST25-490
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST35-320	AST35-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM40AS
		Minimum Acceptable Outside Pole Dimension					
SPA	#8	3.5"	3.5"	3.5"	3.5"		3.5"
RPA	#8	3"	3"	3"	3"	3"	3"
SPAS	#5	3"	3"	3"	3"	3"	3"
RPAS	#5	3"	3"	3"	3"	3"	3"
SPABN	#8	3"	3"	3"	3"		3"

DSX1 Area Luminaire - EPA

*Includes luminaire and integral mounting arm. Other terms, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX1 with SPA	0.69	1.38	1.23	1.54	—	1.58
DSX1 with SPAS, SPABN	0.70	1.40	1.30	1.66	—	1.68
DSX1 with RPA, RPA1	0.70	1.40	1.30	1.66	1.60	1.68
DSX1 with WA	0.83	1.66	1.50	2.09	2.09	2.09

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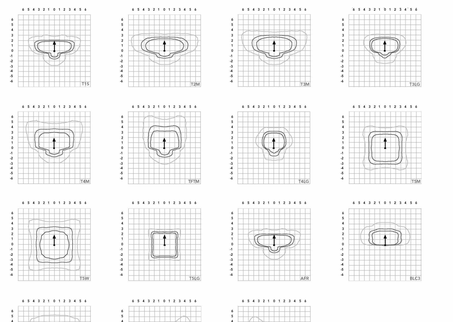
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's homepage.

Isofootcandle plots for the DSX1 LED P9 40K 70CRI. Distances are in units of mounting height (25').

LEGEND
0.1 fc
0.5 fc
1.0 fc



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Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C	32°F 1.04
5°C	41°F 1.04
10°C	50°F 1.03
15°C	50°F 1.02
20°C	68°F 1.01
25°C	**77°F 1.00**
30°C	86°F 0.99
35°C	95°F 0.98
40°C	104°F 0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C** ambient, based on 10,000 hours of LED testing (tested per ESNA LM-80-08 and projected per ESNA TM-21-11).

To calculate L, see the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	Lumen Maintenance Factor
0	1.00
25,000	0.95
50,000	0.90
100,000	0.81

FAO Dimming Settings

FAO Position	% Wattage	% Lumen Output
8	100%	100%
7	93%	95%
6	80%	85%
5	66%	71%
4	54%	61%
3	41%	48%
2	29%	36%
1	15%	20%

*Note: Calculated values are based on original performance package data. When calculating new values for given FAO position, use maximum published values by package listed on specification sheet (input watts and lumens by optic type).

Motion Sensor Default Settings

Option	Unoccupied Dimmed Level	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Dimming Fade Rate
PIR	30%	100%	Enabled @ 2fc	7.5 min	3 sec	5 min
NLTAIR2 PIRHN	30%	100%	Enabled @ 2fc	7.5 min	3 sec	5 min

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire, wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads.
DS (not available on DSSD)	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as RSMA.	Pins 4 & 5 in dimming leads are driven. Pins 6 & 7 are capped inside luminaire. Cannot be used with other controls options that need the 0-10V leads.
PIR	Motion sensor with integral photocell. Sensor suitable for 8 to 40' mounting height.	Luminaires dim when no occupancy is detected.	Acuity Controls rCBG	Cannot be used with other controls options that need the 0-10V leads.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor override when wirelessly connected to the nLight Ethernet.	nLight Air rCBG	nLight AIR sensors can be programmed and commissioned from the ground using the CLAIRITY Pro app. Cannot be used with other controls options that need the 0-10V leads.
BL30 or BL50	Integrated bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output	BLC device provides input to 0-10V dimming leads on all drivers providing either 100% or dimmed (30% or 50%) control by a secondary circuit	BLC DSXLT1	BLC device is powered off the 0-10V dimming leads, thus can be used with any input voltage from 120 to 480V

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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)				40K (4000K, 70 CRI)				50K (5000K, 70 CRI)			
					Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G
P1	51W	30	530	T1S	7,776	3	0	2	8,104	3	0	2	8,262	3	0	2
				T2M	7,203	3	0	3	7,507	3	0	3	7,653	3	0	3
				T3M	7,287	3	0	3	7,594	3	0	3	7,742	3	0	3
				T3LG	6,509	1	0	1	6,783	1	0	1	6,916	1	0	1
				T4M	7,395	3	0	3	7,707	3	0	3	7,857	3	0	3
				T4LG	6,726	1	0	1	7,010	1	0	1	7,146	1	0	1
				T5TM	7,446	3	0	3	7,760	3	0	3	7,912	3	0	3
				T5M	7,609	3	0	2	7,930	3	0	2	8,084	3	0	2
				T5W	7,732	3	0	3	8,058	4	0	2	8,215	4	0	2
				T5LG	7,631	3	0	3	7,955	3	0	3	8,108	3	0	3
				BLC3	5,300	0	0	2	5,524	0	0	2	5,631	0	0	2
				BLC4	5,474	0	0	3	5,705	0	0	3	5,816	0	0	3
				RCCO	5,348	0	0	2	5,573	0	0	2	5,682	0	0	2
				LCCO	5,348	0	0	2	5,573	0	0	2	5,682	0	0	2
				AFR	7,776	1	0	2	8,104	1	0	2	8,262	1	0	2
				T1S	9,997	1	0	2	10,418	1	0	2	10,621	1	0	2
				T2M	9,260	2	0	3	9,651	2	0	3	9,839	2	0	3
				T3M	9,368	2	0	3	9,763	2	0	3	9,953	2	0	3
				T3LG	8,368	1	0	2	8,721	1	0	2	8,891	1	0	2
				T4M	9,507	2	0	3	9,909	2	0	3	10,102	2	0	3
				T4LG	8,647	1	0	2	9,012	1	0	2	9,187	1	0	2
				T5TM	9,573	2	0	3	9,977	2	0	3	10,172	2	0	3
				T5M	9,782	4	0	2	10,195	4	0	2	10,393	4	0	2
				T5W	9,940	4	0	2	10,360	4	0	2	10,562	4	0	2
				T5LG	9,810	3	0	3	10,224	3	0	3	10,423	3	0	3
				BLC3	6,814	0	0	2	7,101	0	0	2	7,240	0	0	2
				BLC4	7,038	0	0	3	7,334	0	0	3	7,477	0	0	3
				RCCO	6,875	1	0	2	7,165	1	0	2	7,306	1	0	2
				LCCO	6,875	1	0	2	7,165	1	0	2	7,306	1	0	2
				AFR	9,997	1	0	2	10,418	1	0	2	10,621	1	0	2
P2	68W	30	700	T1S	14,095	2	0	2	14,688	2	0	2	14,973	2	0	2
				T2M	13,056	3	0	3	13,605	3	0	3	13,871	2	0	3
				T3M	13,206	2	0	4	13,763	2	0	4	14,031	2	0	4
				T3LG	11,797	2	0	3	12,294	2	0	3	12,534	2	0	3
				T4M	13,403	2	0	4	13,968	2	0	4	14,241	2	0	4
				T4LG	12,190	2	0	2	12,704	2	0	2	12,952	2	0	2
				T5TM	13,496	2	0	4	14,065	2	0	4	14,338	2	0	4
				T5M	13,790	4	0	2	14,375	4	0	2	14,653	4	0	2
				T5W	14,013	4	0	3	14,605	4	0	3	14,888	4	0	3
				T5LG	13,830	3	0	3	14,413	3	0	3	14,694	3	0	3
				BLC3	9,606	0	0	2	10,011	0	0	2	10,206	0	0	2
				BLC4	9,921	0	0	3	10,340	0	0	3	10,541	0	0	3
				RCCO	9,692	1	0	2	10,101	1	0	2	10,298	1	0	2
				LCCO	9,692	1	0	2	10,101	1	0	2	10,298	1	0	2
				AFR	14,095	2	0	2	14,688	2	0	2	14,973	2	0	2
P3	102W	30	1050	T1S	15,496	2	0	3	16,150	2	0	3	16,463	2	0	3
				T2M	14,356	3	0	4	14,959	3	0	4	15,249	3	0	4
				T3M	14,520	2	0	4	15,132	2	0	4	15,423	2	0	4
				T3LG	12,970	2	0	3	13,518	2	0	3	13,781	2	0	3
				T4M	14,737	2	0	4	15,358	2	0	4	15,655	2	0	4
				T4LG	13,402	2	0	2	13,968	2	0	2	14,241	2	0	2
				T5TM	14,844	3	0	4	15,470	3	0	4	15,769	3	0	4
				T5M	15,168	4	0	2	15,806	4	0	2	16,111	4	0	2
				T5W	15,409	4	0	3	16,061	4	0	3	16,373	4	0	3
				T5LG	15,208	3	0	3	15,854	3	0	3	16,162	3	0	3
				BLC3	10,566	0	0	2	11,012	0	0	2	11,227	0	0	2
				BLC4	10,913	0	0	3	11,374	0	0	3	11,594	0	0	3
				RCCO	10,661	1	0	2	11,111	1	0	2	11,328	1	0	2
				LCCO	10,661	1	0	2	11,111	1	0	2	11,328	1	0	2
				AFR	15,496	2	0	3	16,150	2	0	3	16,463	2	0	3
P4	124W	30	1250	T1S	18,476	2	0	3	19,257	2	0	3	19,630	2	0	3
				T2M	17,116	3	0	4	17,836	3	0	4	18,180	3	0	4
				T3M	17,312	2	0	4	18,041	2	0	4	18,390	2	0	4
				T3LG	15,466	2	0	3	16,117	2	0	3	16,428	2	0	3
				T4M	17,569	3	0	5	18,305	3	0	5	18,662	3	0	5
				T4LG	15,975	2	0	2	16,645	2	0	2	16,969	2	0	2
				T5TM	17,288	2	0	4	18,017	2	0	4	18,368	3	0	4
				T5M	17,664	5	0	3	18,408	5	0	3	18,770	5	0	3
				T5W	17,951	5	0	3	18,708	5	0	3	19,071	5	0	3
				T5LG	17,716	4	0	3	18,463	4	0	3	18,821	4	0	3
				BLC3	12,305	0	0	3	12,824	0	0	3	13,074	0	0	3
				BLC4	12,709	0	0	4	13,245	0	0	4	13,503	0	0	4
				RCCO	12,416	1	0	3	12,940	1	0	3	13,192	1	0	3
				LCCO	12,416	1	0	3	12,940	1	0	3	13,192	1	0	3
				AFR	18,652	2	0	3	19,441	2	0	3	19,824	2	0	3
P5	138W	30	1400	T1S	21,031	2	0	3	21,918	2	0	3	22,345	2	0	3
				T2M	19,482	3	0	4	20,303	3	0	4	20,699	3	0	4
				T3M	19,708	3	0	5	20,539	3	0	5	20,941	3	0	5
				T3LG	17,604	2	0	3	18,347	2	0	3	18,706	2	0	3
				T4M	20,001	3	0	5	20,845	3	0	5	21,253	3	0	5
				T4LG	18,191	2	0	2	18,959	2	0	2	19,328	2	0	2
				T5TM	20,140	3	0	5	20,989	3	0	5	21,398	3	0	5
				T5M	20,579	5	0	3	21,447	5	0	3	21,865	5	0	3
				T5W	20,912	5	0	3	21,795	5	0	3	22,219	5	0	3
				T5LG	20,638	4	0	3	21,509	4	0	3	21,928	4	0	3
				BLC3	14,335	0	0	3	14,940	0	0	3	15,231	0	0	3
				BLC4	14,805	0	0	4	15,430	0	0	4	15,731	0	0	4
				RCCO	14,464	1	0	3	15,074	1	0	3	15,368	1	0	3
				LCCO	14,464	1	0	3	15,074	1	0	3	15,368	1	0	3
				AFR	21,031	2	0	3	21,918	2	0	3	22,345	2	0	3
P6	165W	40	1250	T1S	22,741	2	0	3	23,700	2	0	3	24,162	2	0	3
				T2M	21,067	3	0	4	21,955	3	0	4	22,383	3	0	4
				T3M	21,311	3	0	5	22,210	3	0	5	22,642	3	0	5
				T3LG	19,036	2	0	3	19,839	2	0	3	20,226	2	0	3
				T4M	21,638	3	0	5	22,541	3	0	5	22,980	3	0	5
				T4LG	19,671	2	0	2	20,501	2	0	2	20,900	2	0	2
				T5TM	21,778	3	0	5	22,687	3	0	5	23,129	3	0	5
				T5M	22,252	5	0	3	23,181	5	0	3	23,632	5	0	3
				T5W	22,613	5	0	3	23,562	5	0	3	24,027	5	0	3
				T5LG	22,317	4	0	3	23,254	4	0	3	23,712	4	0	3
				BLC3	15,501	0	0	3	16,151	0	0	3	16,470	0	0	3
				BLC4	16,010	0	0	4	16,685	0	0	4	17,010	0	0	4
				RCCO	15,641	1	0	3	16,303	1	0	3	16,617	1	0	3
				LCCO	15,641	1	0	3	16,303	1	0	3	16,617	1	0	3
				AFR	22,741	2	0	3	23,700	2	0	3	24,162	2	0	3
P7	184W	40	1400	T1S	28,781	3	0	3	29,912	3	0	4	30,495	3	0	4
				T2M	26,587	3	0	5	27,709	3	0	5	28,249	3	0	5
				T3M	26,895	3	0	5	28,030	3	0	5	28,576	3	0	5
				T3LG	24,025	3	0	3	25,038	3	0	3	25,526	3	0	3
				T4M	27,296	3	0	5	28,448	3	0	5	29,002	3	0	5
				T4LG	24,826	3	0	3	25,873	3	0	3	26,378	3	0	3
				T5TM	27,485	3	0	5	28,645	3	0	5	29,203	3	0	5
				T5M	28,084	5	0	4	29,269	5	0	4	29,839	5	0	4
				T5W	28,539	5	0	4	29,743	5	0	4	30,321	5	0	4
				T5LG	28,165	4	0	3	29,354	4	0	3	29,926	4	0	3
				BLC3	19,563	0	0	4	20,388	0	0	4	20,786	0	0	4
				BLC4	20,205	0	0	5	21,057	0	0	5	21,466	0	0	5
				RCCO	19,740	1	0	4	20,572	1	0	4	20,973	1	0	4
				LCCO	19,740	1	0	4	20,572	1	0	4	20,973	1	0	4
				AFR	28,781	3	0	3	29,912	3	0	4	30,495	3	0	4
P8	216W	60	1100	T1S	34,819	3	0	4	36,288	3	0	4	36,996	3	0	4
				T2M	32,255	3	0	5	33,616	3	0	5	34,273	3	0	5
				T3M	32,629	3	0	5	34,006	3	0	5	34,668	3	0	5
				T3LG	29,146	3	0	3	30,376	3	0	4	30,968	3	0	4
				T4M	33,116	3	0	5	34,513	3	0	5



D-Series Size 2

LED Area Luminaire

d-series

Specifications

EPA: 1.06 ft² (0.10 m²)

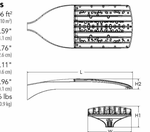
Length: 40.59" (103.1 cm)

Width: 16.76" (42.6 cm)

Height H1: 8.11" (20.6 cm)

Height H2: 3.94" (10.1 cm)

Weight: 46 lbs (20.9 kg)



Catalog Number

Notes

Type

Hit # to activate interactive elements

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of up to 80% vs. 1000W HID and expected service life of over 100,000 hours.

Design Select options indicated by this color background.

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details.

Ordering Information

EXAMPLE: DSX2 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX2 LED

Series	LEDs	Color temperature[1]	Color Rendering Index[1]
DSX2 LED	**Forward optics**	(thin section 70CRI only)	
	P1 P5	30K 3000K	70CRI
	P2 P6	40K 4000K	80CRI
	P3 P7	50K 5000K	90CRI
	P4 P8	(thin section 80CRI only, extended lead times apply)	
	Rotated optics		
	P10[1] P13[1]	27K 2700K	80CRI
	P11[1] P14[1]	30K 3000K	80CRI
	P12[1]	35K 3500K	80CRI
		40K 4000K	80CRI
		50K 5000K	80CRI

Distribution			
AFR	Automotive front row	T5M	Type V medium
T1S	Type I short	T5LG	Type V low glare
T2M	Type II medium	T5W	Type V wide
T3M	Type III medium	BLC3	Type III backlight control[2]
T3LG	Type III low glare[3]	BLC4	Type IV backlight control[2]
T4M	Type IV medium	LCCO	Left corner cutoff[2]
T4LG	Type IV low glare[3]	RCCO	Right corner cutoff[2]
TFTM	Forward throw medium		

Voltage	
MVOLT	(120V-277V)[4]
HVOLT	(347V-480V)[4]
XVOLT	(277V - 480V)[4]
120	[5,6]
208	[5,6]
240	[5,6]
277	[5,6]
347	[5,6]
480	[5,6]

Mounting	
Shipped included	
SPA	Square pole mounting (#8 drilling)
RPA	Round pole mounting (#8 drilling)
SPA5	Square pole mounting #5 drilling[7]
RPA5	Round pole mounting #5 drilling[7]
SPA98	Square narrow pole mounting #8 drilling
Shipped separately	
WBA	Wall bracket[8]
MA	Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

Control options	Other options	Finish (required)
Shipped installed	**Shipped installed**	**Shipped separately**
NLTAIR2 PIRHN nLight AIR generation 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc.[9,10,11,12]	SPD20KV 20KV surge protection	EGSR External Glare Shield (reversible, field install required, matches housing finish)
	HS Houseside shield (black finish standard)[13]	BSDB Bird Spikes (field install required)
PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc.[9,10,11]	L90 Left rotated optics[14]	
	R90 Right rotated optics[14]	
PER NEMA twist-lock receptacle only (controls ordered separately)[9,10]	CCE Coastal Construction[15]	
	WA White finish	
PERS Five-pin receptacle only (controls ordered separately)[9,10]	BAA Buy America(n) Act and/or Build America Buy America Qualified	
	SF Single fuse (120, 277, 347V)[16]	
	DF Double fuse (208, 240, 480V)[16]	
	3G Vibration rated for 3G[17]	

Finish (required)	
DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white

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Ordering Information

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V)[18]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V)[18]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V)[18]
DSHM7 SBK	Shorting cap[19]
DSXHS PIR	House side shield (same package number 1-15 in place of #)
DSXRPA (finish)	Round pole adapter (#8 drilling, specify finish)
DSXSPA5 (finish)	Square pole adapter #5 drilling (specify finish)
DSXRPA5 (finish)	Round pole adapter #5 drilling (specify finish)
DSX2EGSR (finish)	External glare shield (specify finish)
DSX2BSDB (finish)	Bird spike deterrent bracket (specify finish)

NOTES
1. Rotated optics available with packages P10, P11, P12, P13 and P14. Must be combined with option L90 or R90.
2. 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
3. T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
4. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
5. HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
6. 120, 208, 240 and 277 only available with NLTAIR2 PIRHN or NLTAIR2 PIRHN or option PIR.
7. XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
8. XVOLT not available in package P10. XVOLT not available with fusing (SF or DF).
9. SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
10. WBA cannot be combined with Type 5 distribution plus photocell (PER).
11. NLTAIR2 PIRHN must be ordered together with one more option in order to enable nLight AIR2 web this (us).
12. NLTAIR2 PIRHN must be ordered together with controls including PIR, PIR1, PIR1FC, PER7, PER, PER5, DMG and DS. NLTAIR2 PIRHN not available with P10 (requires HVOLT). NLTAIR2 PIRHN not available with P7 (requires XVOLT).
13. PIR not available with NLTAIR2 PIRHN, PER, PERS, PER7, PER5, BL30, BL50, DMG and DS. PIR not available with P10 using XVOLT.
14. 16 PER/PERS/PER7 not available with NLTAIR2 PIRHN, PIR, BL30, BL50, FAO, DMG and DS. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
15. PIR, PIR1FC, PIR1 not available with NLTAIR2 PIRHN, PIRH, PIRH1FC, PIRH1, PIR, PIER5, PIER7, BL30, BL50, DMG and DS.
16. BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PIRH, PIER5, PIER7, FAO, DMG and DS. BL30 or BL50 must specify 120 or 277V.
17. DMG not available with NLTAIR2 PIRHN, PIR, PIER, PIER5, PIER7, BL30, BL50, FAO and DS.
18. DS not available with NLTAIR2 PIRHN, PIR, PIER5, PIER7, BL30, BL50, FAO and DMG.
19. DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads on P1, P2, P3, P4, P5 (2 drivers). Note: Provides 60/40 operation using (2) different sets of leads on P6, P7, P8. P9, P10, P11, P12, P13, P14 (3 drivers).
20. Reference Motion Sensor Default Settings table on page 4 to see functionality.
21. Reference Controls Options table on page 4.
22. HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
23. CCE option not available with option BS and EGSR. Contact Technical Support for availability.
24. Option HA not available with performance packages P5, P6, P7, P8, P13 and P14.
25. Requires luminaire to be specified with PER, PERS or PER7 option. See Controls Table on page 4.
26. Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).
27. Option 3G for use with (MA) mast arm mount only when 3G vibration is required.

Shield Accessories



External Glare Shield (EGSR)



House Side Shield (HS)

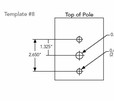
Drilling

HANDHOLE ORIENTATION



Handhole

Template #8



Tenon Mounting Slipfitter

Tenon O.D.	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
2-3/8"	89%	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS3-5 490
2-7/8"	89%	AS725-190	AS725-280	AS725-290	AS725-390	AS725-490
4"	89%	AS725-190	AS725-280	AS725-290	AS725-390	AS725-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DBX16G	DBX26G	DBX36G	DBX46G	DBX24G	DBX48G
		Maximum Acceptable Outside Pole Dimension					
SPA	#8	3.5"	3.5"	3.5"	3.5"		3.5"
RPA	#8	3"	3"	3"	3"	3"	3"
SPA5	#5	3"	3"	3"	3"		3"
RPA5	#5	3"	3"	3"	3"	3"	3"
SPA98	#8	3"	3"	3"	3"		3"

DSX2 Area Luminaire - EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Factory Supplied 3 G Vibration Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX2 with SPA	1.06	2.12	1.84	2.32	—	2.33
DSX2 with SPA5, SPA98	1.07	2.14	1.90	2.43	—	2.44
DSX2 with RPA, RPA5	1.07	2.14	1.90	2.43	2.31	2.44
DSX2 with MA	1.20	2.40	2.12	3.00	2.92	3.00

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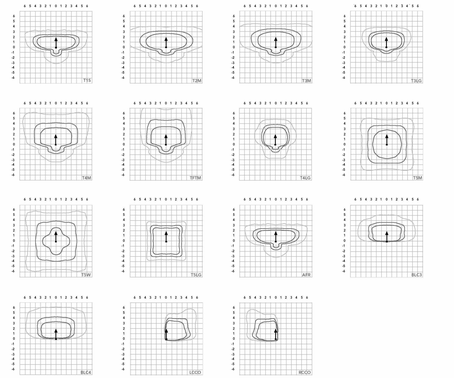
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's homepage.

Isofootcandle plots for the DSX2 LED P8 40K 70CRI. Distances are in units of mounting height (A0').

LEGEND
- 0.1 fc
- 0.5 fc
- 1.0 fc



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Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.03
10°C	50°F	1.03
15°C	50°F	1.02
20°C	68°F	1.01
25°C	**77°F**	**1.00**
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C** ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21).

To calculate L77, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	Lumen Maintenance Factor
0	1.00
25,000	0.95
50,000	0.90
100,000	0.82

FAO Dimming Settings

FAO Position	% Wattage	% Lumen Output
8	100%	100%
7	91%	95%
6	80%	85%
5	66%	73%
4	54%	61%
3	41%	49%
2	29%	36%
1	15%	20%

*Note: Calculated values are based on original performance package data. When calculating new values for given FAO position, use published values in each package based on input watts and lumens by optic type.

Electrical Load

	Performance Package	LED Count	Drive Current (mA)	Wattage	Current (A) 120V	208V	240V	277V	347V	480V
Forward Optics (Non-Rotated)	P1	80	530	135	1.12	0.65	0.56	0.49	0.39	0.28
	P2	80	700	181	1.49	0.86	0.75	0.65	0.52	0.37
	P3	80	850	222	1.83	1.05	0.91	0.79	0.63	0.46
	P4	80	1050	277	2.27	1.31	1.14	0.98	0.79	0.57
	P5	80	1250	333	2.72	1.57	1.36	1.18	0.94	0.68
	P6	100	1050	345	2.85	1.64	1.42	1.23	0.98	0.71
	P7	100	1250	414	3.41	1.97	1.70	1.48	1.18	0.85
	P8	100	1400	466	3.85	2.22	1.93	1.67	1.33	0.96
Rotated Optics (Requires L90 or R90)	P10	90	530	152	1.27	0.73	0.63	0.55	0.44	0.32
	P11	90	700	201	1.69	0.97	0.84	0.73	0.58	0.42
	P12	90	850	249	2.06	1.19	1.03	0.89	0.71	0.52
	P13	90	1200	358	2.95	1.70	1.47	1.28	1.02	0.74
	P14	90	1400	421	3.46	2.00	1.73	1.50	1.20	0.87

LED Color Temperature / Color Rendering Multipliers

	70CRI			80CRI		
	Lumen Multiplier	Availability	Lumen Multiplier	Availability	Lumen Multiplier	Availability
5000K	102%	Standard	92%	Extended lead-time	71%	(see note)
4000K	100%	Standard	92%	Extended lead-time	67%	(see note)
3500K	100%	(see note)	90%	Extended lead-time	63%	(see note)
3000K	96%	Standard	87%	Extended lead-time	61%	(see note)
2700K	94%	(see note)	85%	Extended lead-time	57%	(see note)

Note: Some LED types are available as per special request. Contact Technical Support for more information.

Motion Sensor Default Settings

Option	Unoccupied Dimmed Level	High Level (after occurred)	Photocell Operation	Dwell Time	Ramp-up Time	Dimming Fade Rate
PIR	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min
PIRHN	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads.
DS (not available on DSXD)	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PER5 or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for ON/OFF operation. Not recommended for advanced control nodes such as nLight. Must provide 0-10V dimming signal.	Twist-lock photocells such as DLL Elite or advanced control nodes such as nLight.	Pins 4-8 5 to dimming leads on driver, Pins 6 & 7 are for 0-10V dimming. Cannot be used with other control options that need the 0-10V leads.
PIR	Motion sensor with integral photocell. Sensor suitable for 8' to 40' mounting height.	Luminaires dim when no occupancy is detected.	Acuity Controls rCBG	Cannot be used with other controls options that need the 0-10V leads.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclypse.	nLight Air rCBG	Cannot be used with other controls options that need the 0-10V leads.
BL30 or BL50	Integrated bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output	BLC device provides input to 0-10V dimming leads on all drivers providing either 100% or dimmed (30% or 50%) control by a secondary circuit	BLC UV0321	BLC device is powered off the 0-10V dimming leads, thus can be used with any input voltage from 120 to 480V.

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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K 70CRI, 70 CRI				40K 70CRI, 70 CRI				50K 70CRI, 70 CRI			
					Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G
P1	135W	80	530	T1S	19,946	2	0	3	20,787	2	0	3	21,192	2	0	3
				T2M	18,477	3	0	4	19,256	3	0	4	19,632	3	0	4
				T3M	18,693	3	0	4	19,480	3	0	4	19,859	3	0	4
				T3LG	16,696	2	0	2	17,400	2	0	2	17,740	2	0	2
				T4M	18,970	3	0	5	19,770	3	0	5	20,155	3	0	5
				T4LG	17,253	2	0	2	17,981	2	0	2	18,331	2	0	2
				TFTM	19,161	3	0	5	19,967	3	0	5	20,355	3	0	5
				T5M	19,537	5	0	3	20,361	5	0	3	20,757	5	0	3
				T5W	19,014	5	0	3	19,810	5	0	3	20,201	5	0	3
				T5LG	19,574	4	0	2	20,400	4	0	2	20,797	4	0	2
				BLC3	13,395	0	0	3	14,169	0	0	3	14,169	0	0	3
				BLC4	14,042	0	0	4	14,634	0	0	4	14,919	0	0	4
				RCCO	13,718	1	0	3	14,297	1	0	3	14,576	1	0	3
				LCCO	13,718	1	0	3	14,297	1	0	3	14,576	1	0	3
				AFR	19,946	2	0	3	20,787	2	0	3	21,192	2	0	3
P2	179W	80	700	T1S	25,520	3	0	3	26,597	3	0	3	27,116	3	0	3
				T2M	23,641	3	0	5	24,638	3	0	5	25,118	3	0	5
				T3M	23,915	3	0	5	24,924	3	0	5	25,410	3	0	5
				T3LG	21,363	3	0	3	22,264	3	0	3	22,698	3	0	3
				T4M	24,272	3	0	5	25,296	3	0	5	25,789	3	0	5
				T4LG	22,075	3	0	3	23,006	3	0	3	23,455	3	0	3
				TFTM	24,440	3	0	5	25,471	3	0	5	25,967	3	0	5
				T5M	24,972	5	0	3	26,028	5	0	3	26,533	5	0	4
				T5W	25,177	5	0	4	26,448	5	0	4	26,963	5	0	4
				T5LG	25,045	4	0	2	26,102	4	0	2	26,610	4	0	2
				BLC3	17,395	0	0	4	18,129	0	0	4	18,482	0	0	4
				BLC4	17,966	0	0	4	18,724	0	0	5	19,088	0	0	5
				RCCO	17,552	1	0	4	18,295	1	0	4	18,649	1	0	4
				LCCO	17,552	1	0	4	18,295	1	0	4	18,649	1	0	4
				AFR	25,520	3	0	3	26,597	3	0	3	27,116	3	0	3
P3	219W	80	850	T1S	30,127	3	0	4	31,398	3	0	4	32,010	3	0	4
				T2M	27,908	3	0	5	29,085	3	0	5	29,652	3	0	5
				T3M	28,232	3	0	5	29,423	3	0	5	30,024	3	0	5
				T3LG	25,218	3	0	3	26,282	3	0	3	26,794	3	0	3
				T4M	28,652	3	0	5	29,861	3	0	5	30,443	3	0	5
				T4LG	26,059	3	0	3	27,159	3	0	3	27,688	3	0	3
				TFTM	28,851	3	0	5	30,068	3	0	5	30,654	3	0	5
				T5M	29,479	5	0	4	30,731	5	0	4	31,322	5	0	4
				T5W	29,957	5	0	4	31,221	5	0	4	31,830	5	0	4
				T5LG	29,565	4	0	2	30,812	5	0	2	31,413	5	0	2
				BLC3	20,535	0	0	4	21,401	0	0	4	21,818	0	0	4
				BLC4	21,209	0	0	5	22,104	0	0	5	22,531	0	0	5
				RCCO	20,720	1	0	4	21,594	1	0	4	22,015	1	0	4
				LCCO	20,720	1	0	4	21,594	1	0	4	22,015	1	0	4
				AFR	30,127	3	0	4	31,398	3	0	4	32,010	3	0	4
P4	273W	80	1050	T1S	35,879	3	0	4	37,392	3	0	4	38,121	3	0	4
				T2M	33,236	3	0	5	34,628	3	0	5	35,313	3	0	5
				T3M	33,622	3	0	5	35,040	3	0	5	35,733	3	0	5
				T3LG	30,033	3	0	4	31,300	3	0	4	31,910	3	0	4
				T4M	34,123	3	0	5	35,562	3	0	5	36,255	3	0	5
				T4LG	31,035	3	0	4	32,344	3	0	4	32,974	3	0	4
				TFTM	34,359	3	0	5	35,801	3	0	5	36,506	3	0	5
				T5M	35,108	5	0	4	36,589	5	0	4	37,302	5	0	4
				T5W	35,677	5	0	4	37,182	5	0	5	37,907	5	0	5
				T5LG	35,209	5	0	3	36,695	5	0	3	37,410	5	0	3
				BLC3	24,456	0	0	4	25,487	0	0	5	25,984	0	0	5
				BLC4	25,258	0	0	5	26,324	0	0	5	26,837	0	0	5
				RCCO	24,676	1	0	4	25,717	1	0	4	26,218	1	0	4
				LCCO	24,676	1	0	4	25,717	1	0	4	26,218	1	0	4
				AFR	35,879	3	0	4	37,392	3	0	4	38,121	3	0	4

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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K 70CRI, 70 CRI				40K 70CRI, 70 CRI				50K 70CRI, 70 CRI			
					Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G
P5	327W	80	1250	T1S	45,149	3	0	4	46,842	3	0	4	47,631	3	0	4
				T2M	38,118	4	0	5	39,537	4	0	5	40,201	4	0	5
				T3M	38,561	4	0	5	40,017	4	0	5	40,691	4	0	5
				T3LG	34,445	3	0	4	35,858	3	0	4	36,458	3	0	4
				T4M	39,135	3	0	5	40,786	3	0	5	41,481	3	0	5
				T4LG	35,594	3	0	4	37,095	3	0	4	37,718	3	0	4
				TFTM	39,406	3	0	5	41,049	3	0	5	41,743	3	0	5
				T5M	40,265	5	0	4	41,964	5	0	4	42,678	5	0	4
				T5W	41,318	5	0	4	43,048	5	0	5	43,778	5	0	5
				T5LG	40,382	5	0	3	42,044	5	0	3	42,755	5	0	3
				BLC3	28,081	2	0	5	29,495	2	0	5	30,070	2	0	5
				BLC4	28,969	0	0	5	30,191	0	0	5	30,779	0	0	5
				RCCO	28,301	2	0	5	29,495	2	0	5	30,070	2	0	5
				LCCO	28,301	2	0	5	29,495	2	0	5	30,070	2	0	5
				AFR	45,149	3	0	4	46,842	3	0	4	47,631	3	0	4
P6	342W	100	1050	T1S	45,968	3	0	4	47,907	3	0	5	48,841	3	0	5
				T2M	42,582	4	0	5	44,379	4	0	5	45,244	4	0	5
				T3M	43,076	4	0	5	44,894	4	0	5	45,769	4	0	5
				T3LG	38,479	3	0	4	40,102	3	0	4	40,884	3	0	4
				T4M	43,719	4	0	5	45,563	4	0	5	46,451	4	0	5
				T4LG	39,762	3	0	4	41,419	3	0	4	42,224	3	0	4
				TFTM	44,021	3	0	5	45,878	4	0	5	46,773	4	0	5
				T5M	44,980	5	0	5	46,878	5	0	5	47,792	5	0	5
				T5W	45,730	5	0	5	47,638	5	0	5	48,566	5	0	5
				T5LG	45,111	5	0	3	47,014	5	0	3	47,930	5	0	3
				BLC3	31,433	0	0	5	32,655	0	0	5	33,249	0	0	5
				BLC4	32,361	0	0	5	33,726	0	0	5	34,384	0	0	5
				RCCO	31,615	2	0	5	32,949	2	0	5	33,591	2	0	5
				LCCO	31,615	2	0	5	32,949	2	0	5	33,591	2	0	5
				AFR	45,968	3	0	4	47,907	3	0	5	48,841	3	0	5
P7	409W	100	1250	T1S	52,692	3	0	5	54,915	3	0	5	55,958	3	0	5
				T2M	48,811	4	0	5	50,871	4	0	5	51,862	4	0	5
				T3M	49,378	4	0	5	51,463	4	0	5	52,

SPECIFICATION GUIDE

ACL3ST

ACL3ST combines clean lines with high performance direct distribution, for a functional and aesthetically pleasing slim profile.

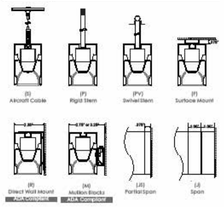


Performance

OUTPUT	DIRECT OPTICS	NOMINAL		
		LUMEN OUTPUT	INPUT WATTS	EFFICACY
LH (High)	HE Tech™	1263 lm/ft	13 W/ft	97 lm/W
	1° Drop Lens	1181 lm/ft	13 W/ft	91 lm/W
LS (Standard)	HE Tech™	823 lm/ft	8 W/ft	104 lm/W
	1° Drop Lens	488 lm/ft	8 W/ft	98 lm/W

Based on static white LED HE Tech lumen formula. For the complete photometric data of this fixture refer to page 4.

Mounting options



Dimensions



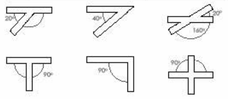
Downlight lens options



Other options



Multiple intersections and corners options



Project name | Type | Date | Qualities

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SPECIFICATION GUIDE



Need help?
Don't see what you need? We know that having so many options can be overwhelming. Please reach out to our factory for any specific request or questions you have.

Our Design Assist (designassist@delight.com) team is here to make the process more smoothly.

ACL3ST					
SERIES	LENGTH OR PATTERN TYPE	INTERSECTION TYPE	OUTPUT	LED CCT	CRI
ACL3ST	_ Nominal Length**	IT "I" Intersection*	LS Standard Output	27 2700k	80+ CRI
	AL_ Exact Length**	IX "X" Intersection*	LH High Output	30 3000k	CRI 90+ CRI*
	FL_ "L" Shape***	IY "Y" Intersection**	C_ Custom Output*	35 3500k	
	PE_ "U" Shape***			40 4000k	
	RE_ Rectangle/Square***			DW Dim-to-warm*	
	CU Custom Pattern*****			TW Tunable white*	

*Specify in feet to 1 foot increment (ex: 8'-0" = 8, 8'-6" = 8.5, 8'-3" = 8.25, 8'-9" = 8.75, etc.)
**Specify in inches to the nearest 1/8".
***Consult Design Assist.

*Not available in White Low. Available with Flat Blade Louvers only (FL) degree.
**Not available with Flat Blade Louvers, available with HE Tech and 1° Drop Lens (less than 180° optics only. Contact Design Assist.

*Available in Series 24ft in 12ft and 16ft High Outputs.

*Standard CCT range is 27-40K. Contact Design Assist for custom output.
**Dim-to-warm is available in High Output and Custom Output only. Requires a 0-10V dimming driver.
***Tunable white is available in High Output only.

VOLTAGE	DIRECT OPTICS	MOUNTING	FINISH	DIMMING
U 120V-277V	HE HE Tech	S Aircraft cable*	W White	D Standard 0-10V dimming*
8 347V*	DL 1° Drop Lens*	P_ Rigid stem**	B Black	D2 Phase dimming**
	LV Flat blade louvers**	PV_ Swivel stem**	T Titanium	D5 DALI DIM-to-dark
	WW Direct Wall Wash	R Direct wall mount	O_ Other*	D6 DALI dim-to-off (ddoLED)
	BW Direct Batwing White	M_ Mullion blocks***		NLG2 nLight Gen2 (dim-to-off)***
		F Surface Mount***		NLAIR nLight AIR (dim-to-off)***
		JS Partial span****		NLAIRW nLight AIRWired (dim-to-off)
		S Full span*****		

*Not available with HE Tech or DL.

*Not available in Wall Luminaire.
**Maximum Mounting Arm not available in Wall Luminaire.

Must dim if sensor (or nLight for AIR, 0-10 Vonly fixture) or drop. Contact Design Assist for control options.
Not available with Flat Blade Louvers (LV).
Wall Luminaire not available in Wall Luminaire.
Flat Blade Louvers (LV) not available in Wall Luminaire.
Mullion Blocks (M) not available in Wall Luminaire.
Surface Mount (F) not available in Wall Luminaire.
Partial Span (JS) not available in Wall Luminaire.
Full Span (S) not available in Wall Luminaire.

*Specify finish.

*IES Dimming Control Curve is the default curve (Sink).
**Phase (ø) TRIAC or ELV compatible dimmers.
***Requires nLight AIR Wired Gateway and nLight AIR Wired sensor. Refer to nLight AIR Wired section for more details.
****Requires nLight AIR Wireless Gateway and nLight AIR Wireless sensor. Refer to nLight AIR Wireless section for more details.

EMERGENCY	SENSORS	OPTICS
EC Circuited	OP Occupancy Sensor - Fixture	M Multi-Circuit*
E_ Battery	PF Photocell / Daylight Sensor - Fixture	R Right end cap feed
	OPF Occupancy / daylight Sensor - fixture	L Left end cap feed
		X Halotartum application*
		Q Wet location**
		MB Mirror***

Not available for ACL3ST-S.
Not available with Sensors.
Not available on Runs > 8' length.

*Must add additional emergency battery pack. Specify desired quantity of 1 of either.
**Not recommended in emergency battery pack. Specify desired quantity of 1 of either.

*Options will be provided in 3D drawing layer. Dimensions to be shop set to fit as shown.
**Mirror not available with sensors.

Project name | Type | Date | Qualities

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SPECIFICATION GUIDE

Light distribution

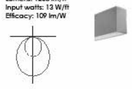
OUTPUT (OC)

LH: High output - 13 W/ft
LS: Standard output - 8 W/ft
C: Custom tuned output - Contact Design Assist

HE TECH™

LH- 4FT- 3500K

Lumens: 1263 lm/ft
Input watts: 13 W/ft
Efficacy: 109 lm/W



DIRECT FLAT BLADE LOUVERS

LH- 4FT- 3500K

Lumens: 804 lm/ft
Input watts: 13 W/ft
Efficacy: 62 lm/W



DIRECT 1° DROP-LENS

LH- 4FT- 3500K

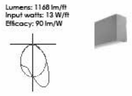
Lumens: 1181 lm/ft
Input watts: 13 W/ft
Efficacy: 91 lm/W



DIRECT WALL WASH

LH- 4FT- 3500K

Lumens: 1168 lm/ft
Input watts: 13 W/ft
Efficacy: 90 lm/W



DIRECT BATWING

LH- 4FT- 3500K

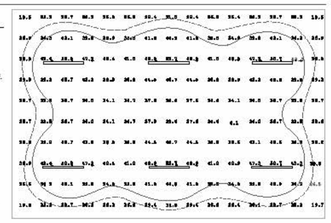
Lumens: 1288 lm/ft
Input watts: 13 W/ft
Efficacy: 99 lm/W



Sample installation - Workspace

LH DOWN - 3500K

Room dimensions: 30'L x 20'W x 12'H
Reflectance: 80% / 50% / 20%
Mounting height: 9 ft A.F.F.
Fixture length: 4 ft
Calculation grid: 2 ft x 2 ft
Calculation plane (horizontal): 2.5 ft A.F.F.
Average Illuminance: 36 fc
Fixture spacing: 10 ft x 10 ft
Uniformity: 1.9:1 (avg/min)



Project name | Type | Date | Qualities

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SPECIFICATION GUIDE

Light loss factors (LLF)

OUTPUT	CCT	LLF BASIC	DIRECT					
			HE TECH™	FLAT BLADE LOUVERS	1° DROP-LENS	WALL WASH	BATWING	
			CRI 80+	CRI 90+	CRI 80+	CRI 90+	CRI 80+	CRI 90+	CRI 80+	CRI 90+	CRI 80+	CRI 90+	CRI 80+	CRI 90+
LH (High)	4000k	127.1%	115.3%	1264 lm/ft	1164 lm/ft	818 lm/ft	741 lm/ft	1201 lm/ft	1088 lm/ft	1186 lm/ft	1076 lm/ft	1207 lm/ft	1184 lm/ft
	3500k	126.0%	112.8%	1263 lm/ft	1150 lm/ft	804 lm/ft	723 lm/ft	1181 lm/ft	1061 lm/ft	1168 lm/ft	1049 lm/ft	1268 lm/ft	1164 lm/ft
	3000k	131.2%	107.4%	1229 lm/ft	1005 lm/ft	780 lm/ft	691 lm/ft	1148 lm/ft	1010 lm/ft	1132 lm/ft	1004 lm/ft	1246 lm/ft	1104 lm/ft
	2700k	117.6%	103.1%	1168 lm/ft	1042 lm/ft	756 lm/ft	663 lm/ft	1111 lm/ft	974 lm/ft	1099 lm/ft	963 lm/ft	1209 lm/ft	1060 lm/ft
LS (Standard)	4000k	51.1%	46.1%	833 lm/ft	471 lm/ft	539 lm/ft	298 lm/ft	806 lm/ft	440 lm/ft	499 lm/ft	456 lm/ft	549 lm/ft	479 lm/ft
	3500k	50.0%	45.4%	822 lm/ft	465 lm/ft	532 lm/ft	288 lm/ft	480 lm/ft	435 lm/ft	492 lm/ft	450 lm/ft	541 lm/ft	465 lm/ft
	3000k	48.1%	41.3%	803 lm/ft	458 lm/ft	518 lm/ft	272 lm/ft	461 lm/ft	407 lm/ft	455 lm/ft	377 lm/ft	501 lm/ft	438 lm/ft
	2700k	46.8%	39.0%	482 lm/ft	409 lm/ft	308 lm/ft	259 lm/ft	439 lm/ft	381 lm/ft	438 lm/ft	377 lm/ft	476 lm/ft	416 lm/ft

Tunnable white - Light loss factors (LLF)

OUTPUT	CCT	%	CRI 80+		
			OPTICS		
			HE Tech™	Drop Lens	Flat Blade Louver
LH (High)	3000k	100%	890 lm/ft	727 lm/ft	547 lm/ft
	2700k	93.6%	833 lm/ft	667 lm/ft	774 lm/ft
LS (Standard)	3000k	100%	469 lm/ft	381 lm/ft	446 lm/ft
	2700k	93.6%	439 lm/ft	383 lm/ft	409 lm/ft

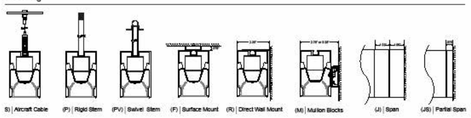
For standard output (LS) -50K. Values are applicable for Tunable White and Dim-to-warm only.

Project name | Type | Date | Qualities

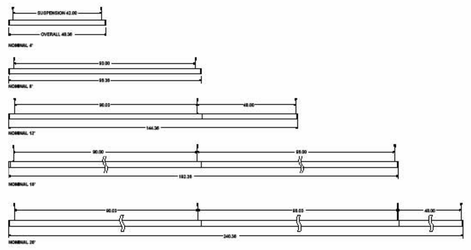
REV.1 02/22/25 4

SPECIFICATION GUIDE

Mounting



Mounting lengths



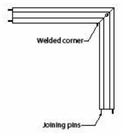
Standard dimensions shown for suspension points, all aircraft cable mounting lengths are adjustable on site.
*For nLight AIR applications: gripper needs to be at least 5.5" from the antenna. Refer to nLight dimensions section for more details.

Project name | Type | Date | Qualities

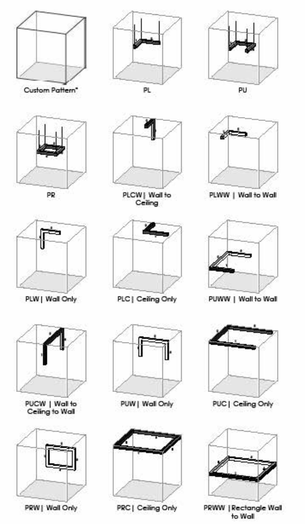
REV.1 02/22/25 5

SPECIFICATION GUIDE

Corner detail



Standard patterns



*Contact design assist for custom patterns.

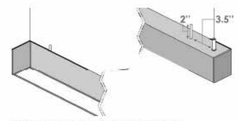
Project name | Type | Date | Qualities

REV.1 02/22/25 6

SPECIFICATION GUIDE

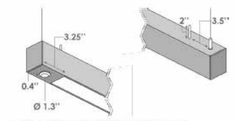
nLight dimensions

AIR : ri0



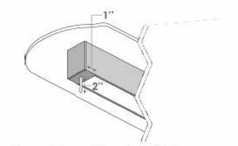
*Fixture mounted sensors and filler panel for nLight AIR only.

AIR : res7



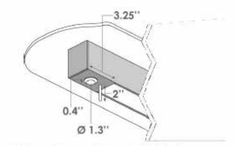
*Fixture mounted sensors and filler panel for nLight AIR only.

AIR : ri0 Surface



*Fixture mounted sensors and filler panel for nLightAIR only.

AIR : res7 Surface



*Fixture mounted sensors and filler panel for nLightAIR only.

Project name | Type | Date | Qualities

REV.1 02/22/25 7

Wall luminaire · Narrow beam downward

BEGA

Application
Designed to provide down lighting effects for interior and exterior locations featuring narrow beam light distribution.

Materials
Clear safety glass
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
High temperature silicone gasket
Mechanically captive stainless steel fasteners
Silicone applied robotically to casting, plasma treated for increased adhesion
Galvanized zinc-plated mounting bracket
Pure anodized aluminum reflector

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 64

Weight: 7.1 lbs.

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-30°C
LED module wattage	16.5 W
System wattage	20.0W
Controllability	0-10V dimming down to 1%
Color rendering index	Ra > 80
Luminaire lumens	1667 lm
LED service life (L70)	60000 hrs

LED color temperature
☐ 4000K (K4)
☐ 3500K (K35)
☐ 3000K (K3)
☐ 2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL and custom color finishes provided in either polyester powder or liquid paint.

Available colors
☐ Black (BLK) ☐ Bronze (BRZ)
☐ Silver (SLV) ☐ White (WHT)
☐ RAL: ☐ CUS:

Type:
BEGA Product:
Project:
Modified:

Available options
☐ CUS Custom finish
☐ DALI Digital addressable lighting interface
☐ FRO Frosted lens
☐ FSC Fusing
☐ MGU Marine grade undercoat
☐ RAL RAL finish
☐ SRG Surge protection





Wall luminaire · Narrow beam downward

	LED	▽	A	B	C
8246S2	16.5W	15°	6 1/4	10 5/8	6 1/8

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805)684-0533 info@bega-us.com

Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
Updated 02/07/25
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STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1869 HIGH GROVE LANE
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630.717.5399
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NO	DATE	DESCRIPTION
	01/17/2025	ISSUE FOR IDPH

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR IDPH

LIGHT FIXTURE CUTSHEETS

SHEET NO.
EP1.4

JOB NO. 24-4036.01

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3/21/2025 12:16:50 PM
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architectural area lighting

WMA59U/WMA59D

TRADITIONAL WALL MOUNT ARM

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

AAL ARMS



SPECIFICATIONS

CONSTRUCTION

- The arm shall be of one piece unitized aluminum construction, fully welded and assembled. The back plate shall be one piece cast aluminum. The arm shall be prewired with a quick connector for easy installation.
- The fixture shall be mounted with three stainless steel set screws through the top of the arm fitter into the fixture. The attachment point shall have a silicone pad for sealing the fixture to arm connection.
- Mounting hardware and J-box by others.

ORDERING GUIDE

Example: WMA59U-BLT

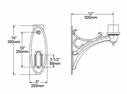
CATALOG #

HOUSING

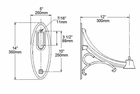
Arm		Color	
For Providence Small (PROS) Arms Only		**BLS**	Black Gloss Smooth
WMA59U	Wall mount up. Weight: 4.5 lbs.	**BLT**	Black Matte Textured
WMA59D	Wall mount down. Weight: 4.5 lbs.	**DBS**	Dark Bronze Gloss Smooth
		DBT	Dark Bronze Matte Textured
		GTT	Graphite Matte Textured
		LGS	Light Grey Gloss Smooth
		LGT	Light Grey Matte Textured
		PSS	Platinum Silver Gloss Smooth
		VGT	Verde Green Matte Textured
		WHS	White Gloss Smooth
		WHT	White Matte Textured
		Color Option	
		CC[1]	Custom Color

Notes:
1 Consult factory for custom color, marine and corrosive finish

DIMENSIONS



WMA59U



WMA59D

architectural area lighting

PROS

ARCHITECTURAL AREA/SITE

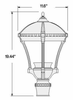
DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

PROVIDENCE®





	WEIGHT	EPA
PROS	9 lbs / 4 kg	0.46

FEATURES

- The Providence family is scaled in three sizes of luminaires and also includes a matching bollard
- Utilizes Strike Optics for precise distributions, maximum fixture spacing and minimal backlight.
- Type 2, 3, 4, and 5 distributions
- Post top, arm mount and wall mount configurations
- Lumen outputs ranging from 1100lm to 3200lm
- 2700K, 3000K, 3500K, 4000K, and 5000K
- 70, 80 and 90 CRI
- Decorative brass options
- SCP pole mounted occupancy sensor for integrated controls capabilities

3000K and warmer CCTs

SPECIFICATIONS

CONSTRUCTION

- All housing components aluminum 360 alloy, sealed with continuous silicone rubber gaskets
- All internal and external hardware is stainless steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- Optical bezel finish is match the luminaire housing

LED/OPTICS

- LEDs are mounted to a metal printed circuit board assembly (MCPCB) with a uniform conformal coating over the panel surface and electrical features
- Cartridge is easily disassembled to replace components. Optics are held in place without the use of adhesives
- Molded silicone gasket ensures a weather-proof seal around each individual LED
- Features revolutionary individual LED optical control based on high performance TIR optical designs
- House Side Shield is available on Standard and Clear Lens options except any Type 5 distribution. House Side Shield is not available for any distribution using a Diffused Lens

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Luminaires have integral surge protection, UL recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J
- Drivers are UL recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC
- 100%-1% dimming range. Fixture will be wired for low voltage 0-10V dimming control
- Driver and surge suppressor are mounted to a prewired tray with quick disconnects that may be removed from the gear compartment

CONTROLS

- Photocell adapter shall include an internal twist lock receptacle. Photocell by others.
- Egress adapter shall require an auxiliary 120 volt supply for operation of an integral MR16 lamp in the event of emergency. The lamp may be aimed and locked into position with an adjustment range of 15°-45°. Adapter shall have a socket that accepts miniature bi-pin MR16 lamps up to 50 watts, lamp by others

CERTIFICATIONS

- ETL listed under UL 1598 and CSA C22.2

architectural area lighting

PROS

ARCHITECTURAL AREA/SITE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE

CATALOG #

Example: PROS-Y3-3030-BLS-BPS-WMA59D

HOUSING

PROS

Housing		Distribution		Lumen Package		Finish		Options		Mounting	
PROS	Providence Small LED	Y2	Type II	2030	3000K CCT 25 watts	BLS	Black Gloss Smooth	SF	Single fuse (120, 277, 347)	Standard Mount	
		Y3	Type III	2040	4000K CCT 25 watts	BLT	Black Matte Textured	DF	Double fuse (208,240,480)	Slips over a 3"/75mm pole or may choose one	
		Y4	Type IV	2050	5000K CCT 25 watts	DBS	Dark Bronze Gloss Smooth	PFN	Brass Painted Finial	Wall Mount	
		Y5	Type V	3030	3000K CCT 43 watts	DBT	Dark Bronze Matte Textured	SPK	Brass Painted Spike	WMA59D Mount down	
				3040	4000K CCT 43 watts	GTT	Graphite Matte Textured	BPS	Brass Painted Struts	WMA59U Mount up	
				3050	5000K CCT 43 watts	LGS	Light Gray Gloss Smooth	LDL	Lightly diffused lens	Pole Mount/Slide Mounts	
						LGT	Light Gray Matte Textured	AD4	Adapter used only with standard AAL arms and post top mount fixtures to slip over a 4"/100mm O.D. pole	TRA59D Mount down	
						PSS	Platinum Silver Gloss Smooth			TRA59U Mount up	
						VGT	Verde Green Matte Textured				
						WHS	White Gloss Smooth				
						WHT	White Matte Textured				
						Color Options					
						CC	Custom Color[1]				

Notes:
1 Consult factory for custom color, marine and corrosive finish options

architectural area lighting

PROS

ARCHITECTURAL AREA/SITE

DATE: LOCATION:

TYPE: PROJECT:

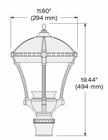
CATALOG #:

DELIVERED LUMENS

The table below shows the delivered lumens for the various lumen outputs and beam distributions. Use this chart in connection with the lumen factor (LF) capability to deliver any output required.

System Watts	Lumen Package	Lens	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI			
				Lumen	Bug Rating			Efficiency (Lm/W)	Lumen	Bug Rating			Efficiency (Lm/W)	Lumen	Bug Rating			Efficiency (Lm/W)
					B	U	G			B	U	G			B	U	G	
25	2000	Clear Lens (Standard)	Type 2	1792	1	0	1	72	1957	1	0	1	78	1951	1	0	1	78
			Type 3	1830	1	0	1	73	1970	1	0	1	79	1958	1	0	1	78
			Type 4	1793	0	0	1	72	1957	0	0	1	78	1960	0	0	1	78
			Type 5	1735	1	0	1	69	1894	1	0	1	76	1889	1	0	1	76
		Lightly Diffused Lens	Type 2	1216	1	1	1	49	1361	1	1	1	54	1387	1	1	1	55
			Type 3	1216	1	1	1	49	1361	1	1	1	54	1386	1	1	1	55
			Type 4	1298	1	1	1	52	1417	1	1	1	57	1419	1	1	1	57
			Type 5	1139	1	1	1	46	1275	1	1	1	51	1299	1	1	1	52
43	3000	Clear Lens (Standard)	Type 2	2975	1	0	1	69	3247	1	0	1	76	3238	1	0	1	75
			Type 3	3038	1	1	1	71	3270	1	0	1	76	3261	1	0	1	76
			Type 4	2988	1	0	1	69	3262	1	0	1	76	3253	1	0	1	76
			Type 5	2892	2	0	1	67	3157	2	0	1	73	3148	2	0	1	73
		Lightly Diffused Lens	Type 2	2092	1	1	1	49	2342	1	1	1	54	2386	1	1	1	55
			Type 3	2091	1	1	1	49	2341	1	1	1	54	2385	1	1	1	55
			Type 4	2164	1	1	1	50	2362	1	1	1	55	2356	1	1	1	55
			Type 5	1959	1	1	1	46	2193	1	1	1	51	2234	1	1	1	52

DIMENSIONS





architectural area lighting

PROS

ARCHITECTURAL AREA/SITE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

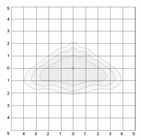
PHOTOMETRY

PROS-Y2-3040

LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3247
Watts	43.2
Efficacy	75.2
IES Type	TYPE II, MEDIUM
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

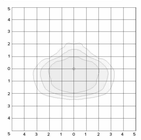
Zone	Lumens	% Luminaire
Downward Street Side	2229	68.6%
Downward House Side	1018	31.3%
Downward Total	3247	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3247	100%

PROS-Y3-3040

LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3270
Watts	43.2
Efficacy	75.7
IES Type	Type III
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

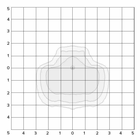
Zone	Lumens	% Luminaire
Downward Street Side	2376	72.6%
Downward House Side	894	27.3%
Downward Total	3270	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3270	100%

PROS-Y4W-3040

LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3262
Watts	43
Efficacy	75.9
IES Type	Type IV
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2670	81.8%
Downward House Side	592	18.2%
Downward Total	3262	100.1%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3262	100%

architectural area lighting

PROS

ARCHITECTURAL AREA/SITE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

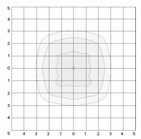
PHOTOMETRY

PROS-Y5-3040

LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3157
Watts	42.8
Efficacy	73.8
IES Type	Type V5
BUG Rating	B2-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ISOFOOT CANDLE PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	1594	50.5%
Downward House Side	1563	49.5%
Downward Total	3157	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3157	100%

architectural area lighting

PROS

ARCHITECTURAL AREA/SITE

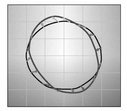
DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

TM-30 DATA

COLOR VECTOR GRAPHIC

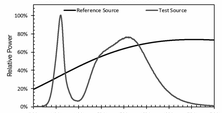


Reference Illuminant — Test Source

TEST SOURCE

R_f	68
R_g	99
CCT(K)	3947
D_{uv}	0.0004
x	0.3831
y	0.3793
CIE R_a	72

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

Configuration		LED Drive mA	System Watts	Electrical Characteristics									Dimming			
				Line Voltage		Amps AC				Min. POWER FACTOR	Max THD (%)	Dimming Range	Source Current Out		Absolute Voltage	
Ordering Code				VAC	Hz	120	208	220	240	277					Min	Max	Min	Max
2020	2000 series	255	25	120-277	50/60	0.35	0.15	0.35	0.15	0.15	≥.9	20	10% to 100%	0mA	1mA	0V	10V
2040																		
2050																		
3020	3000 series	400	42			0.21	0.09	0.21	0.09	0.09								
3040																		
3050																		

TM-21 LIFETIME CALCULATION - PROJECTED LUMEN MAINTENANCE (25°C / 77°F)						
HOURS	0	25,000	36,000	50,000	100,000	REPORTED L70
Projected Lumen Maintenance	100%	99.0%	99.5%	98.0%	95.0%	>60000

fgma
FGMARCHITECTS

FGM Architects Inc.
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Oak Brook, Illinois 60523

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ILLINOIS PROFESSIONAL DESIGN FIRM #184-000350

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ERIKSSON ENGINEERING ASSOCIATES, LTD
145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
414.249.6108
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NO. XXXXXXXXXX

LANDSCAPE
HITCHCOCK DESIGN GROUP
22 E. CHICAGO AVENUE, SUITE 200A
NAPERVILLE, ILLINOIS 60540
630.961.1787
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STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1887 HIGH GROVE LANE
NAPERVILLE, ILLINOIS 60540
630.717.5399
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M.E.P.
BERG ENGINEERING CONSULTANTS, LTD.
801 WEST WISE ROAD
SCHAUMBURG, ILLINOIS 60193
847.352.4500
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NO. XXXXXXXXXX

SPECIALTY
COUNSILMAN-HUNSAKER & ASSOCIATES, INC
10733 SUNSET OFFICE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63127
314.894.1245
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NO. XXXXXXXXXX

ISSUANCE		
NO	DATE	DESCRIPTION
	01/17/2025	ISSUE FOR IDPH

RECREATION PARK COMMUNITY BUILDING
RENOVATION AND NEW POOL & BATHHOUSE
ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR IDPH

LIGHT FIXTURE CUTSHEETS

SHEET NO.
EP1.5

berg engineering consultants, ltd.
mechanical 801 West Wise Road, Schaumburg, IL 60193
electrical 847-352-4500 Tel
plumbing 847-352-4815 Fax
fire protection www.berg-eng.com

JOB NO. 24-4036.01

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3/21/2025 12:16:54 PM
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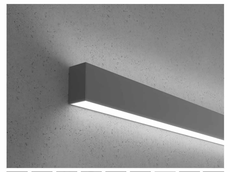
ACL2ST - ACCOLED | SPECIFICATION



ACL2ST

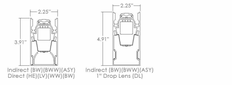
Direct/Indirect - Suspended - Surface - Wall

ACL2ST combines clean lines with high performance direct and indirect distribution, for a functional and aesthetically pleasing slim profile.

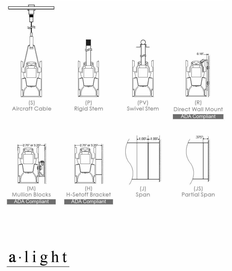
Replacement of ACCOLED - ACL2

- Unique patterns with fully lit corners and intersections possible with Design Assist.
- Individual units and continuous runs in exact lengths.
- Adjustable mounting options for ease of installation.
- Custom color options.
- Multiple lens and distibutions options.

DIMENSIONS



MOUNTING OPTIONS

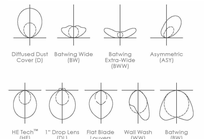


PERFORMANCE

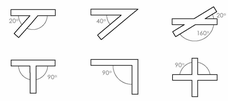
OUTPUT	DIRECT OPTICS	NOMINAL		
		LUMEN OUTPUT	INPUT WATTS	EFFICACY
LH (High)	HE Tech™	**1075 lm/ft**	**9.8 W/ft**	**109 lm/W**
	1° Drop Lens	**843 lm/ft**	**9.8 W/ft**	**86 lm/W**
LS (Standard)	HE Tech™	**572 lm/ft**	**4.8 W/ft**	**117 lm/W**
	1° Drop Lens	**443 lm/ft**	**4.8 W/ft**	**90 lm/W**

Values are listed, when applicable, with zero distribution. Refer to distribution page for more information.

DISTRIBUTION OPTIONS



MULTIPLE INTERSECTIONS AND CORNERS OPTIONS



a·light

ACL2ST | SPECIFICATION GUIDE

PROJECT INFORMATION

Project Info	Date
Type	Quantity

DIRECT PERFORMANCE AT 3500K

OUTPUT	DISTRIBUTION	DIRECT NOMINAL LUMEN OUTPUT	INPUT WATT	EFFICACY
LH HIGH	HE TECH™	1075 lm/ft	9.7 W / ft	109 lm /W
	FLAT BLADE LOUVERS	982 lm / ft	9.7 W / ft	100 lm /W
	1° DROP-LENS	843 lm / ft	9.7 W / ft	86 lm /W
	WALL WASH	771 lm / ft	9.7 W / ft	79.3 lm /W
	BATWING WIDE	665 lm / ft	9.7 W / ft	68.4 lm /W
LS STANDARD	HE TECH™	572 lm / ft	4.9 W / ft	117 lm /W
	FLAT BLADE LOUVERS	517 lm / ft	4.9 W / ft	106 lm/W
	1° DROP-LENS	443 lm / ft	4.9 W / ft	90 lm /W
	WALL WASH	385 lm / ft	4.9 W / ft	80.3 lm/W
	BATWING WIDE	332 lm / ft	4.9 W / ft	68 lm /W

INDIRECT PERFORMANCE AT 3500K

OUTPUT	DISTRIBUTION	INDIRECT NOMINAL LUMEN OUTPUT	INPUT WATT	EFFICACY
LH HIGH	LAMBERTIAN	1122 lm / ft	9.7 W / ft	115 lm/W
	BATWING WIDE	1084 lm / ft	9.7 W / ft	112 lm /W
	BATWING EXTRA-WIDE	1080 lm / ft	9.7 W / ft	112 lm /W
	ASYMMETRIC	1173 lm / ft	9.7 W / ft	121 lm /W
LS STANDARD	LAMBERTIAN	861 lm / ft	4.9 W / ft	176 lm/W
	BATWING WIDE	857 lm / ft	4.9 W / ft	175 lm /W
	BATWING EXTRA-WIDE	857 lm / ft	4.9 W / ft	175 lm /W
	ASYMMETRIC	887 lm / ft	4.9 W / ft	181 lm /W

Custom tuned output available from 20% to 125% of high output. Please consult factory for custom lumens output and wattage.

ACL2ST + + +

ACL2ST						
SERIES	LENGTH OR PATTERN TYPE	OUTPUT	LED CCT	CRI	VOLTAGE	DISTRIBUTION
ACL2ST	— Nominal Length*	ILS Indirect LED Standard	27 2700K	— 80+ CRI	U 120V-277V	D Indirect Lambertian Dust Cover*
	M_ Exact Length**	ILH Indirect LED High	30 3000K	CRI 90+ CRI*	3 347V*	BW Indirect Batwing Wide**
	FL_ "L" Shape***	IC_ Indirect LED Custom*	35 3500K			BWW Indirect Batwing Extra-Wide**
	FU_ "U" Shape***	+	40 4000K			AST Indirect Asymmetric
	FR_ Rectangle/Square***	DLS Direct LED Standard	DW Dim-to-warm*			+
	CP Custom Pattern****	DLH Direct LED High	TW Tunable white*			HE Direct HE Tech™**
		DC_Direct LED Custom*				LV Direct Flat Blade Louver****
						DL Direct 1" Drop-Lens***
						WW Direct Wall Wash
						BW Direct Batwing Wide

*Specify in feet to the nearest foot (i.e. 12) or specify in inches to the nearest 1/8 (i.e. 3/8").
**Specify in inches to the nearest 1/8.
***Contact Design Assist

* Available from 20% to 125% of LED High Output. Contact Design Assist for custom tuning a non-standard light outputs.

* Standard CCT ranges is 27-30K. Contact Design assist for custom CCT.
** Available with indirect fixtures only. Batwing wide, Batwing extra wide, Asymmetric, Direct Wall Wash or Batwing wide.

* Not available with Direct wall mount. Must be specified with Wet Location**.
** Not recommended for wall mount.
***Available only with Lambertian distribution.
****Maximum Standard. Not available in wet location.

MOUNTING	FINISH	CIRCUITING	DIMMING	EMERGENCY	SENSORS	OPTIONS
S Aircraft cable*	T Titanium	1 One circuit	D Standard 0-10V dimming*	EC Circuited	OF Occupancy Sensor - Fixture	R Right endcap feed
P_ Rigid stem**	W White	2 Multi circuit*	D2 Phase dimming**	E_ Battery*	PF Photocell / Daylight Sensor - Fixture	L Left endcap feed
PV_ Swivel stem**	B Black	M Other*	D3 DMX 0.1% dim-to-dark		OPF Occupancy / day-light Sensor - Fixture	K Natatorium application*
R Direct wall mount***	O_ Other*		D4 DALI dim-to-off			Q Wet location**
H_ H-Bracket mount****	CBD		NAIR nLight @AIR (dim-to-off)***			
M_ Mullion blocks*****	SPH		NWIR nLight @Wired (dim-to-off)			
JS Partial span******	SDW					
J Full span*******	LME					
*Standard 48" field adjustable cable, specify length in feet (i.e. 12) or specify in inches (i.e. 6"). Power cord provided for black and titanium finish, white cord provided for white and all other finishes, unless otherwise specified. **Standard 1/16" stainless steel cable, 120" minimum. 90° mailbox, Coupler and multiple stems will be provided to request longer than 90" Swivel stem will be provided to request longer than 5" Stem is exposed to white/natural pendant stems. ***Adjustable mounting unavailable with surface mounted applications (direct to sky) or non-locking white cable distribution. **** Maximum H-Bracket length is 12" for 1/2" depth. Not available with wet locations. ***** Mullion blocks available in 1", 1" for 1/2" depth. Must verify with Lumenwerx manufacturer for field installation. ****** Not available with drop lens.					

EXHIBIT J

BASEBALL FIELD PHOTOMETRIC PLANS

Recreation Park Baseball Relight

Arlington Heights,IL

Lighting System

Pole/Fixture Summary

Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
A1-A2	70'	70'	2	TLC-LED-1200	2.34 kW	A
		70'	2	TLC-LED-1500	2.82 kW	A
		16'	1	TLC-BT-575	0.57 kW	A
B1	70'	70'	1	TLC-LED-1200	1.17 kW	A
		70'	6	TLC-LED-1500	8.46 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
B2	70'	70'	1	TLC-LED-1200	1.17 kW	A
		70'	1	TLC-LED-550	0.54 kW	B
		70'	5	TLC-LED-1500	7.05 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
C1	60'	60'	1	TLC-LED-550	0.54 kW	B
		60'	3	TLC-LED-1500	4.23 kW	A
		16'	1	TLC-BT-575	0.57 kW	A
C2	60'	60'	3	TLC-LED-1500	4.23 kW	A
		16'	1	TLC-BT-575	0.57 kW	A
D1-D2	60'	60'	1	TLC-LED-1500	1.41 kW	A
		60'	1	TLC-LED-550	0.54 kW	B
		60'	2	TLC-LED-1200	2.34 kW	A
		16'	1	TLC-BT-575	0.57 kW	A
8			**47**		**52.04 kW**	

Circuit Summary

Circuit	Description	Load	Fixture Qty
A	Baseball	49.88 kW	43
B	Security	2.16 kW	4

Fixture Type Summary

Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	10
TLC-LED-1200	LED 5700K - 75 CRI	1170W	150,000	>120,000	>120,000	>120,000	10
TLC-LED-1500	LED 5700K - 75 CRI	1410W	181,000	>120,000	>120,000	>120,000	23
TLC-LED-550	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	4

Single Luminaire Amperage Draw Chart

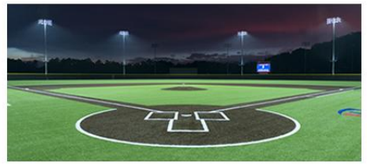
Driver Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-1500	8.4	7.9	7.3	6.3	5.0	4.6	3.6
TLC-LED-1200	6.9	6.5	6.0	5.2	4.2	3.8	3.0
TLC-BT-575	3.3	3.2	2.9	2.5	2.0	1.8	1.5
TLC-LED-550	3.2	3.0	2.8	2.4	1.9	1.8	1.4

Light Level Summary

Calculation Grid Summary

Grid Name	Calculation Metric	Illumination Ave					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
150' Spill @ 3ft.	Horizontal Illuminance	0.1447	0.01	1.20	123.471	14.840	A,B	47
150' Spill @ 5ft.	Max Candela Metric	52660.9023	1239.16	322079.28	259.918	42.497	A,B	47
150' Spill @ 5ft.	Max Vertical Illuminance Metric	0.4867	0.03	2.76	81.742	14.429	A,B	47
Baseball (Infield)	Horizontal Illuminance	50.79	32	61	1.90	1.58	A	43
Baseball (Outfield)	Horizontal Illuminance	32.48	21	48	2.32	1.58	A	43
SW Property Spill @ 3ft.	Horizontal Illuminance	1.3223	0.00	4.73	10070.805	2814.307	A,B	47
SW Property Spill @ 5ft.	Max Candela Metric	33128.6367	773.39	74178.74	95.913	42.835	A,B	47
SW Property Spill @ 5ft.	Max Vertical Illuminance Metric	2.2575	0.00	6.60	2383.945	815.356	A,B	47

From Hometown to Professional









musco Lighting

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Recreation Park Baseball Relight

Arlington Heights,IL

Equipment List For Areas Shown

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	ABOVE GRADE LEVEL	LUMINAIRE TYPE	QTY/POLE	THIS GRID	OTHER GRIDS
2	A1-A2	70'	-	70'	TLC-LED-1200	2	2	0
				70'	TLC-LED-1500	2	2	0
				15.5'	TLC-BT-575	1	1	0
1	B1	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-1500	6	6	0
				15.5'	TLC-BT-575	2	2	0
1	B2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-1500	5	5	0
				70'	TLC-LED-550	1*	0	1
				15.5'	TLC-BT-575	2	2	0
1	C1	60'	-	60'	TLC-LED-1500	3	3	0
				60'	TLC-LED-550	1*	0	1
				15.5'	TLC-BT-575	1	1	0
1	C2	60'	-	60'	TLC-LED-1500	3	3	0
				15.5'	TLC-BT-575	1	1	0
2	D1-D2	60'	-	60'	TLC-LED-1200	2	2	0
				60'	TLC-LED-1500	1	1	0
				60'	TLC-LED-550	1*	0	1
				15.5'	TLC-BT-575	1	1	0
8	Totals					47	43	4

*Above Grade level relative to the field
*This structure utilizes a back-to-back mounting configuration



Grid Summary

Name:	**Baseball**
Size:	Irregular 351'/382'/319'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

Illumination Summary

	MAINTAINED HORIZONTAL FOOTCANDLES	
	Infield	Outfield
Guaranteed Average:	**50**	**30**
Scan Average:	50.79	32.48
Maximum:	61	48
Minimum:	32	21
Avg/Min:	1.58	1.58
Guaranteed Max/Min:	**2**	**2.5**
Max/Min:	1.90	2.32
UG (adjacent pts):	1.41	1.64
CU:	0.72	
No. of Points:	25	116
LUMINAIRE INFORMATION		
Applied Circuits:	A	
No. of Luminaires:	**43**	
Total Load:	49.88 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

SCALE IN FEET 1 : 80

0' 80' 160'

ENGINEERED DESIGN By: Mitchell Thys • File #210405A • 27-Mar-25

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

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Recreation Park Baseball Relight

Arlington Heights,IL

Grid Summary

Name:	**150' Spill @ 3ft.**
Spacing:	30.0'
Height:	3.0' above grade

Illumination Summary

	INITIAL HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average:	**0.1447**
Maximum:	1.20
Minimum:	0.01
CU:	0.00
No. of Points:	74
LUMINAIRE INFORMATION	
Applied Circuits:	A,B
No. of Luminaires:	**47**
Total Load:	52.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.


C1
D1
D2
B1
C2
A1
A2
B2
0.0 0.0 0.0

Recreation Park Baseball Relight

Arlington Heights,IL

Grid Summary

Name:	**150' Spill @ 5ft.**
Spacing:	30.0'
Height:	5.0' above grade

Illumination Summary

	INITIAL CANDELA (PER FIXTURE)
	Entire Grid
Scan Average:	**52660.9023**
Maximum:	322079.28
Minimum:	1239.16
CU:	0.00
No. of Points:	74
LUMINAIRE INFORMATION	
Applied Circuits:	A,B
No. of Luminaires:	**47**
Total Load:	52.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



SCALE IN FEET 1 : 100

0' 100' 200'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

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Recreation Park Baseball Relight

Arlington Heights,IL

Grid Summary

Name:	**150' Spill @ 5ft.**
Spacing:	30.0'
Height:	5.0' above grade

Illumination Summary

	INITIAL MAX VERTICAL FOOTCANDLES
	Entire Grid
Scan Average:	**0.4867**
Maximum:	2.76
Minimum:	0.03
CU:	0.00
No. of Points:	74
LUMINAIRE INFORMATION	
Applied Circuits:	A,B
No. of Luminaires:	**47**
Total Load:	52.04 kW


0.0 0.0 0.1 0.1 0.1

Recreation Park Baseball Relight

Arlington Heights,IL

Grid Summary

Name:	**SW Property Spill @ 3ft.**
Spacing:	30.0'
Height:	3.0' above grade

Illumination Summary

	INITIAL HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average:	**1.3223**
Maximum:	4.73
Minimum:	0.00
CU:	0.00
No. of Points:	13
LUMINAIRE INFORMATION	
Applied Circuits:	A,B
No. of Luminaires:	**47**
Total Load:	52.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



SCALE IN FEET 1 : 100

0' 100' 200'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

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Recreation Park Baseball Relight

Arlington Heights,IL



Grid Summary

Name:	**SW Property Spill @ 5ft.**
Spacing:	30.0'
Height:	5.0' above grade

Illumination Summary

INITIAL CANDELA (PER FIXTURE)

	Entire Grid
Scan Average:	**33128.6367**
Maximum:	74178.74
Minimum:	773.39
CU:	0.00
No. of Points:	13
LUMINAIRE INFORMATION	
Applied Circuits:	A,B
No. of Luminaires:	**47**
Total Load:	52.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

SCALE IN FEET 1 : 100

0' 100' 200'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

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Recreation Park Baseball Relight

Arlington Heights,IL



Grid Summary

Name:	**SW Property Spill @ 5ft.**
Spacing:	30.0'
Height:	5.0' above grade

Illumination Summary

	INITIAL MAX VERTICAL FOOTCANDLES
	Entire Grid
Scan Average:	**2.2575**
Maximum:	6.60
Minimum:	0.00
CU:	0.00
No. of Points:	13
LUMINAIRE INFORMATION	
Applied Circuits:	A,B
No. of Luminaires:	**47**
Total Load:	52.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

SCALE IN FEET 1 : 100

0' 100' 200'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

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SCALE IN FEET 1 : 100

0' 100' 200'

ENGINEERED DESIGN By: Mitchell Thys • File #210405A • 27-Mar-25

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

Recreation Park Baseball Relight

Arlington Heights,IL

Equipment Layout

INCLUDES:
· Baseball

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

Equipment List For Areas Shown

Pole				Luminaires		
QTY	LOCATION	SIZE	GRADE ELEVATION	ABOVE GRADE LEVEL	LUMINAIRE TYPE	QTY/POLE
2	A1-A2	70'	-	70'	TLC-LED-1200	2
				70'	TLC-LED-1500	2
				15.5'	TLC-BT-575	1
1	B1	70'	-	70'	TLC-LED-1200	1
				70'	TLC-LED-1500	6
				15.5'	TLC-BT-575	2
1	B2	70'	-	70'	TLC-LED-1200	1
				70'	TLC-LED-1500	5
				70'	TLC-LED-550	1*
				15.5'	TLC-BT-575	2
1	C1	60'	-	60'	TLC-LED-1500	3
				60'	TLC-LED-550	1*
				15.5'	TLC-BT-575	1
1	C2	60'	-	60'	TLC-LED-1500	3
				15.5'	TLC-BT-575	1
2	D1-D2	60'	-	60'	TLC-LED-1200	2
				60'	TLC-LED-1500	1
				60'	TLC-LED-550	1*
				15.5'	TLC-BT-575	1
8	Totals					47

*This structure utilizes a back-to-back mounting configuration

Single Luminaire Amperage Draw Chart

Driver Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-1500	8.4	7.9	7.3	6.3	5.0	4.6	3.6
TLC-LED-1200	6.9	6.5	6.0	5.2	4.2	3.8	3.0
TLC-BT-575	3.3	3.2	2.9	2.5	2.0	1.8	1.5
TLC-LED-550	3.2	3.0	2.8	2.4	1.9	1.8	1.4

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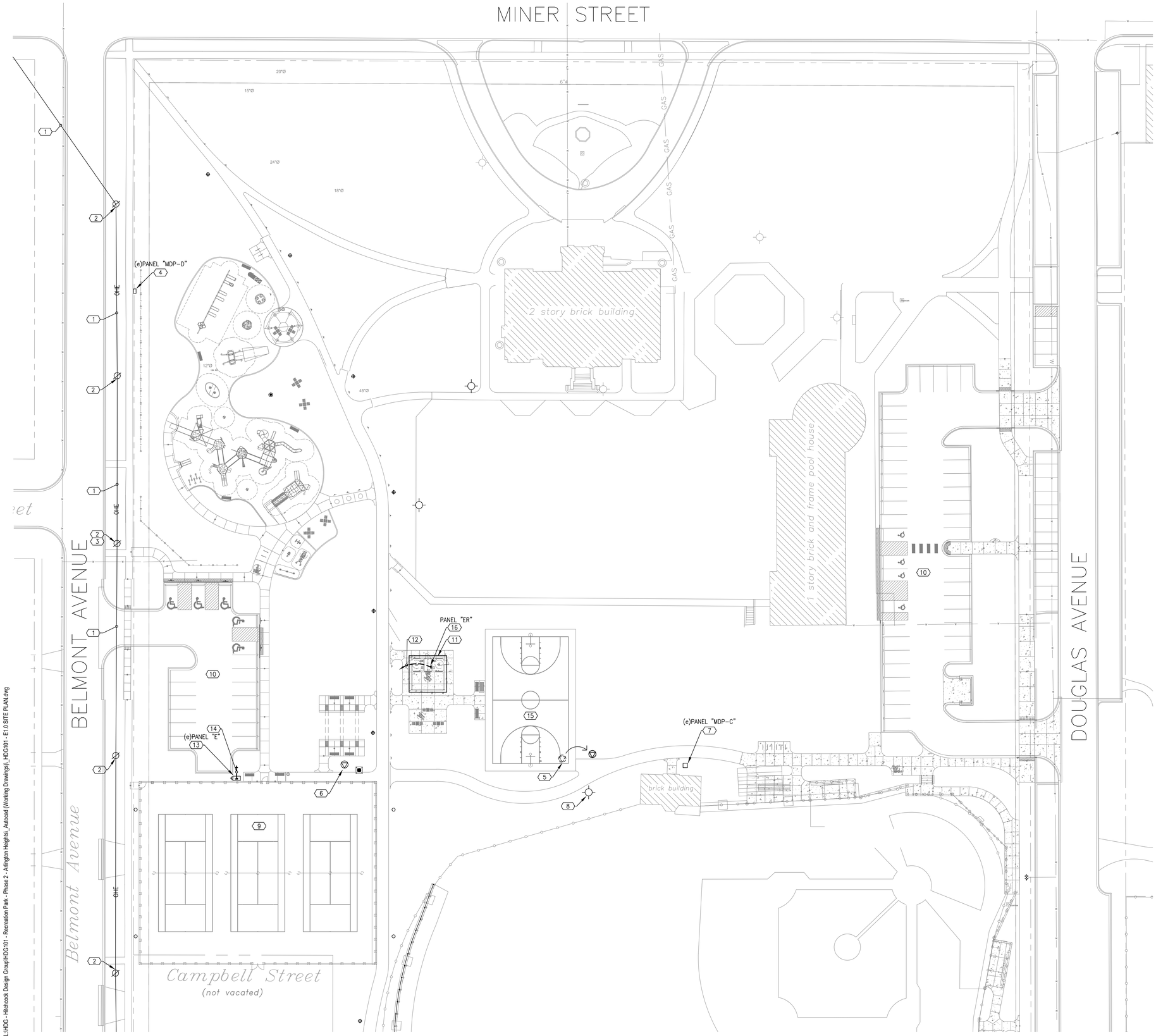
EXHIBIT K

ELECTRICAL PLANS



SHEET NOTES (X)

1. EXISTING UTILITY OVERHEAD ELECTRIC TO REMAIN.
2. EXISTING UTILITY POLE TO REMAIN.
3. EXISTING UTILITY POLE MOUNTED TRANSFORMER TO REMAIN.
4. EXISTING SERVICE PANEL MDP-D TO REMAIN. 200A 120/240V 1P, 3W. USED FOR FESTIVAL.
5. EXISTING POWER PEDESTAL RECEPTACLE #1 TO BE REMOVED AND RELOCATED TO NEW LOCATION. 100A 120/208V 3P, 4W. FED FROM MDP-C. USED FOR FESTIVAL. REMOVE EXSITING WIRING BACK TO MDP-C. VERIFY EXACT NEW LOCATION WITH LANDSCAPE ARCHITECT/ PARK DISTRICT PRIOR TO INSTALLATION. INSTALLATION AT NEW LOCATION TO MATCH EXISTING. EXTEND 2" RIGID CONDUIT TO NEW LOCATION AND PROVIDE NEW WIRE 4#2+1#2GRD TO MDP-C COMPLETE AS REQUIRED. PAINT OUTLET COLOR AS DIRECTED BY LANDSCAPE ARCHITECT/ PARK DISTRICT.
6. EXISTING POWER PEDESTAL RECEPTACLE #2 TO REMAIN. 100A 120/208V 3P, 4W. FED FROM MDP-C. USED FOR FESTIVAL.
7. EXISTING SERVICE PANEL MDP-C TO REMAIN. 225A 120/208V 3P, 4W. FEEDS RECEPTACLE PEDESTALS #1 & #2. USED FOR FESTIVAL.
8. EXISTING BALL FIELD LIGHTING POLE TO REMAIN.
9. EXISTING TENNIS COURTS.
10. EXISTING PARKING LOT.
11. PROPOSED RESTROOM BUILDING. SEE RESTROOM BUILDING DRAWINGS ETC. FOR ADDITIONAL WORK REQUIRED BY THE ELECTRICAL CONTRACTOR FOR THE RESTROOM BUILDING. VERIFY MANUFACTURER, MODEL NUMBER, STYLE, COLOR, ACCESSORIES, OPTIONS, ETC. WITH ARCHITECT & G.C. PRIOR TO ORDERING, ROUGH-IN, OR INSTALLATION. COORDINATE LOCATION AND INSTALLATION WITH RESTROOM BUILDING SUPPLIER.
12. FEEDER CONDUIT AND WIRE. SEE SHEET E2.0.
13. EXISTING PANEL "E" TO REMAIN. FURNISH AND INSTALL 100A/2P CIRCUIT BREAKER FOR NEW PANEL "ER" AT PROPOSED RESTROOM BUILDING COMPLETE AS REQUIRED. SEE SHEET E2.0.
14. EXISTING PANEL E CONDUIT STUBS – FOUR 1", TWO 1 1/4" AND TWO 1 1/2" CONDUIT STUBS FROM PANEL TO LANDSCAPED AREA FOR FUTURE TO REMAIN. UTILIZE EXISTING 1 1/4" CONDUIT STUB FOR NEW FEEDER TO PANEL "ER" AT PROPOSED RESTROOM BUILDING.
15. PROPOSED BASKETBALL COURT.
16. FURNISH AND INSTALL PANEL ER.

GENERAL NOTES

A. THIS DRAWING DOES NOT PURPORT TO SHOW ALL EXISTING LIGHT FIXTURES, RECEPTACLES, JUNCTION BOXES, SWITCHES, SPEAKERS, TELECOM, ETC. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR ALL REQUIRED ELECTRICAL DEMOLITION WORK. CONTRACTOR SHALL ALSO FIELD VERIFY ALL CONDUITS, CABLES, ETC. THAT ARE PASSING THROUGH THIS AREA AND SERVE ADJACENT AREAS THAT ARE REQUIRED TO REMAIN.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL NEW WORK WITH EXISTING CONDITIONS.

C. CONDUIT ROUTING IS DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND ADJUST AS REQUIRED.

D. CONTRACTOR SHALL BE AWARE OF POSSIBLE CONFLICTS BETWEEN NEW AND EXISTING UTILITIES AND COORDINATE AS REQUIRED. PROTECT ALL EXISTING UTILITIES AS REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES BEFORE BEGINNING WORK. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED BY CONTRACTOR TO OWNERS SATISFACTION.

E. ALL DAMAGED CONCRETE SIDEWALKS, ASPHALT, STAIRS, PAVERS, ETC., DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR.

F. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL PERMIT AND COORDINATING SITE INSPECTIONS THROUGH THE VILLAGE OF ARLINGTON HEIGHTS.

G. ELECTRICAL SERVICE INSTALLATION SHALL MEET THE VILLAGE OF ARLINGTON HEIGHTS CODE OF ORDINANCES REQUIREMENTS.

H. VERIFY ALL LOCATIONS OF LIGHT FIXTURES, POLES WITH LANDSCAPE ARCHITECT/ OWNER PRIOR TO ROUGH-IN.

I. ALL ELECTRICAL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL AMENDMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.

J. LIGHTING AND POLE BASE INSTALLATION SHALL MEET THE VILLAGE OF ARLINGTON HEIGHTS CODE OF ORDINANCES REQUIREMENTS.

LEGEND

(X) DENOTES SHEET NOTE TAG

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Arlington Heights, Illinois 60004

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Issue for Bid
February 26, 2025

REVISIONS

No	Date	Issue
01	2025.03.21	Plan Commission Rev

CHECKED BY MZ
DRAWN BY RB

SHEET TITLE
Electrical Partial Site Plan

SCALE IN FEET
1" = 30'
0' 15' 30' 90'

NORTH

SHEET NUMBER
E1.0

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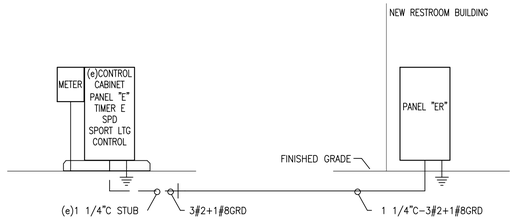
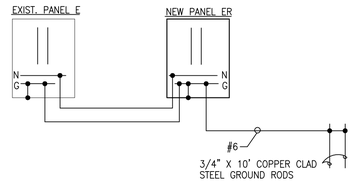


1 | RISER DIAGRAM - PANEL "ER"

120/240V, 1ø



2 | GROUNDING DIAGRAM - PANEL "ER"

SCALE: NONE 120/240V, 1ø

EXISTING PANELBOARD E
VOLTAGE: 240/120, 1 PHASE, 3 WIRE
MAIN:200A MCB
MOUNTING: SURFACE

CKT NO.	LOAD DESCRIPTION EXISTING USE	LOAD DESCRIPTION NEW USE	C/B	LOAD VA L1	LOAD VA L2
1	LIGHT FIXTURE CABINET		20A/1P	-	
3	CABINET RECEPTACLE		20A/1P		-
5	CABINET HEATER		20A/1P	-	
7	SPARE		20A/1P		-
9	SPARE		50A/2P	-	
11					-
13	EVENT RECEPTACLE		20A/1P	-	
15	EVENT RECEPTACLE		20A/1P		-
17	EVENT RECEPTACLE		20A/1P	-	
19	EVENT RECEPTACLE		20A/1P		-
21	EVENT RECEPTACLE		20A/1P	-	
23	EVENT RECEPTACLE		20A/2P		-
25				-	
27	LOAD POWER LIGHTING POLE T1		30A/2P		-
29				-	
31	LOAD POWER LIGHTING POLE T2		30A/2P		-
33				-	
35	LOAD POWER LIGHTING POLE T3		30A/2P		-
37				-	
39	LOAD POWER LIGHTING POLE T4		30A/2P		-
41	SPARE				
2	TIMER		20A/1P	-	
4	PEDESTRIAN LIGHTS		20A/2P		-
6				-	
8	SHELTER LIGHT		20A/1P		-
10	SPARE		20A/1P	-	
12	SHELTER RECEPTACLE		20A/1P		-
14	SHELTER RECEPTACLE		20A/1P	-	
16	SPARE		20A/1P		-
18	SPARE		20A/1P	-	
20	LINE POWER TO CONTACTORS		20A/1P		-
22	POWER LINE COMMUNICATION CON.		20A/1P	-	
24	SPARE		20A/1P		-
26	SPARE		20A/1P	-	
28	SPACE				-
30	SPACE			-	
32	SPACE				-
34	SPACE			-	
36	SPACE	**PANEL ER**	*** 100A/2P**		-
38	SPACE			-	
40	SPD		30A/2P		-
42				-	

* DENOTES PROVIDE CIRCUIT BREAKER AS INDICATED

PANELBOARD ER
VOLTAGE: 240/120V, 1 PHASE, 3 WIRE
MAIN: 100A MCB
22KAIC SERIES RATED
MOUNTING: SURFACE

CKT NO.	LOAD DESCRIPTION	C/B	LOAD VA L1	LOAD VA L2
1	RESTROOM LIGHTING	20A/1P	-	
3	SHELTER LIGHTING	20A/1P		-
5	RESTROOM RECEPTACLES	20A/1P	-	
7	RESTROOM RECEPTACLES	20A/1P		-
9	SPARE	20A/1P	-	
11	SPARE	20A/1P		-
13	SPACE		-	
15	SPACE			-
17	SPACE		-	
19	SPACE			-
21	SPACE		-	
23	SPACE			-
25	SPACE		-	
27	SPACE			-
29	SPACE		-	
2	WATER HEATER	40A/2P	-	
4				-
6	HAND DRYER	20A/1P	-	
8	HAND DRYER	20A/1P		-
10	SPARE	20A/1P	-	
12	SPARE	20A/1P		-
14	SPACE		-	
16	SPACE			-
18	SPACE		-	
20	SPACE			-
22	SPACE		-	
24	SPACE			-
26	SPACE		-	
28	SPACE			-
30	SPACE		-	
TOTALS PER PHASE			0	0
TOTAL KVA			0	
MAX AMPS			0	

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Issue for Bid
February 26, 2025

REVISIONS

No	Date	Issue
01	2025.03.21	Plan Commission Rev

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SHEET TITLE
Electrical Details

SCALE IN FEET

NORTH

SHEET NUMBER
E2.0

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SITE ELECTRICAL SPECIFICATIONS

GENERAL

1. THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS NECESSARY TO PROVIDE A COMPLETE INSTALLATION OF THE SYSTEMS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS.
2. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER AND COMPLY WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES AND ORDINANCES AND THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY. ALL EQUIPMENT SHALL BE U.L. (OR OTHER NATIONALLY RECOGNIZED TESTING COMPANY) LISTED.
3. ALL DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL INSTALL SYSTEMS TO MEET FIELD CONDITIONS. CONTRACTOR SHALL COORDINATE ALL WORK WITH RESPECTIVE TRADES, AND VERIFY LOCATIONS FROM THE ARCHITECTURAL DRAWINGS, SUPPLIER DRAWINGS, AND FIELD DIMENSIONS.
4. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE FULL EXTENT OF THE WORK AND THE WORKING CONDITIONS.
5. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN DEVELOPED FOR ONE (1) PRIME CONTRACTOR. THEY ARE NOT INTENDED TO DIVIDE THE WORK BETWEEN CONTRACTORS. COORDINATE INTERFACES WITH GENERAL CONTRACTOR.
6. ARRANGE AND PAY FOR ALL COST CHARGEABLE TO THE OWNER BY UTILITY COMPANIES FOR ELECTRICAL SERVICES FOR THE PROJECT INCLUDING TELEPHONE AND ELECTRICAL SERVICE.
7. CONTRACTOR SHALL VERIFY ALL ELECTRICAL REQUIREMENTS FOR THE FOLLOWING EQUIPMENT WITH THE ASSOCIATED VENDOR AND/OR CONTRACTOR AND THE AUTHORITY HAVING JURISIDICTION (AHJ) PRIOR TO ORDERING EQUIPMENT AND ROUGH-IN:
   A. RESTROOM BUILDING

PERMITS

OBTAIN AND PAY FOR ALL LICENSES, PERMITS AND INSPECTIONS FOR ALL WORK COVERED BY THIS CONTRACT. ALL CERTIFICATES OF INSPECTION SHALL BE DELIVERED TO THE OWNER.

CONSTRUCTION POWER

PROVIDE TEMPORARY POWER AND LIGHTING FOR THE JOB SITE DURING CONSTRUCTION.

ELECTRICAL TIE-INS

COORDINATE WITH THE BUILDING OWNER FOR THE FURNISHING OF ELECTRICAL POWER FOR THE PROJECT

OPENINGS

1. PROVIDE ALL REQUIRED OPENINGS THROUGH WALLS, CEILINGS AND FLOORS. ALL DISTURBED SURFACES OR FINISHES MUST BE REPLACED OR REPAIRED TO THE ARCHITECT'S SATISFACTION.
2. FIRE SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS.

CONDUIT

1. ALL ELECTRICAL WORK SHALL BE INSTALLED IN A METAL CONDUIT SYSTEM, INCLUDING LOW VOLTAGE WIRING.
2. SERVICE ENTRANCE CONDUIT, EXTERIOR CONDUIT AND CONDUIT EXPOSED TO WEATHER AND SHALL BE RIGID GALVANIZED STEEL.
3. CONDUIT IN WET LOCATIONS SHALL BE RIGID GALVANIZED STEEL
4. UNDERGROUND FEEDER AND UNDERGROUND BRANCH CONDUITS SHALL BE RIGID GALVANIZED STEEL OR SCHEDULE 40 PVC AS PERMITTED BY CODE. RIGID GALVANIZED STEEL CONDUIT SHALL BE USED FOR MAKING FINAL TURNS OUT OF EQUIPMENT PADS AND FINISHED FLOOR. EXTERIOR UNDERGROUND CONDUITS SHALL BE INSTALLED 36" BELOW GRADE. CONDUIT BELOW CONCRETE FLOOR SLAB SHALL BE A MINIMUM OF 6" BELOW BOTTOM OF SLAB.
5. ALL CONDUIT IN DRY LOCATIONS SHALL BE EMT.
6. MINIMUM SIZE CONDUIT ABOVE GRADE SHALL BE 1/2". MINIMUM SIZE CONDUIT BELOW GRADE SHALL BE 3/4".

WIRE (120V AND ABOVE):

1. ALL WIRE SHALL BE COPPER WITH 600V INSULATION. CONDUCTORS SHALL BE STRANDED FOR SIZES NO. 8 AWG AND LARGER, SOLID FOR SIZES NO. 10 AWG AND SMALLER.
2. TYPE THWN SHALL BE USED INDOORS NOT INCLUDING SERVICES.
3. TYPE XHHW SHALL BE USED BELOW SLABS, SERVICE ENTRANCES AND EXTERIOR UNDERGROUND WORK, INCLUDING SITE LIGHTING.
4. MINIMUM SIZE SHALL BE #12. RUNS OVER 75' SHALL BE MINIMUM #10 UNLESS NOTED OTHERWISE.

BRANCH WIRING:

1. CONDUITS AND BOXES SHALL BE CONCEALED WHEREVER POSSIBLE.
2. CONNECT EQUIPMENT AND DEVICES TO THE CIRCUITS AND SWITCH LEGS SHOWN.
3. ARCS SHOWN ON DRAWINGS REPRESENT SWITCH ARRANGEMENT ONLY, AND ARE NOT INTENDED TO SHOW CONDUIT ROUTINGS.
4. EACH CIRCUIT SHALL HAVE AN INDEPENDENT NEUTRAL.
5. AMPACITIES OF CONDUCTORS WHEN MORE THAN THREE (3) CURRENT -CARRYING CONDUCTORS ARE PLACED IN A RACEWAY SHALL BE DERATED PER CODE.
6. WHERE WIRE SIZES MUST BE INCREASED TO LIMIT VOLTAGE DROP, CONTRACTOR SHALL COORDINATE TERMINAL SIZES AT TERMINATIONS.

PANELBOARDS:

1. ALL BUSSES SHALL BE COPPER.
2. BRANCH BREAKERS SHALL BE PLUG-IN TYPE, OR BOLT-ON IF REQUIRED BY LOCAL CODES.
3. PANELBOARDS SHALL BE SERVICE ENTRANCE RATED WHERE REQUIRED.
4. PROVIDE NAMEPLATE FOR PANEL AND TYPEWRITTEN DIRECTORY FOR EACH PANELBOARD.
5. PANELBOARDS SHALL BE MANUFACTURED BY, EATON, SIEMENS, OR SQUARE D. LOAD CENTERS ARE NOT ACCEPTABLE.

GROUNDING:

1. GROUNDING SHALL COMPLY WITH THE REQUIREMENTS OF THE LOCAL INSPECTION AUTHORITY, WITH CONNECTIONS TO BUILDING STEEL, METAL PIPING SYSTEMS AND GROUND ROD.
2. INTERIOR METAL WATER PIPING MORE THAN 5 FEET FROM POINT OF BUILDING ENTRANCE SHALL NOT BE USED AS PART OF THE GROUNDING ELECTRODE SYSTEM OR AS A CONDUCTOR TO INTERCONNECT ELECTRODES THAT ARE PART OF GROUNDING SYSTEM.
3. PROVIDE A SEPARATE, INSULATED GROUNDING CONDUCTOR IN EACH FEEDER AND BRANCH CONDUIT, BONDED AT EACH TERMINATION.
4. GROUNDING FOR REMOTE BUILDING AND STRUCTURES SHALL COMPLY WITH ARTICLE 250.32.

RESTROOM/ SHELTER BUILDING:

1. THE RESTROOM BUILDING IS PROVIDED BY OTHERS. CONTRACTOR SHALL INSTALL ALL LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY SENSORS, POWER PACKS, WIRING DEVICES, HAND DRYERS, ETC., THAT IS PROVIDED BY THE RESTROOM BUILDING SUPPLIER. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL WIRING, CONDUIT, BOXES, FITTINGS, ETC. AS REQUIRED TO CONNECT ALL EQUIPMENT FURNISHED BY THE RESTROOM BUILDING SUPPLIER.
2. SEE RESTROOM BUILDING DRAWINGS FOR ADDITIONAL ELECTRICAL REQUIREMENTS AND WORK REQUIRED BY THE CONTRACTOR.

IDENTIFICATION

1 THE CONTRACTOR SHALL LABEL EQUIPMENT WITH ¼" DYMO TAPE.
2. ALL MAJOR ELECTRICAL EQUIPMENT SHALL BE IDENTIFIED WHICH SHALL INCLUDE MDP, PANELBOARDS, MOTOR STARTERS, DISCONNECT SWITCHES, SWITCHES, ETC.
3. PROTECTIVE DEVICES IN MDP'S SHALL BE LABELLED WITH THE LOAD SERVED.
4. PROVIDE PANEL AND CIRCUIT NUMBER IDENTIFICATION ON ALL JUNCTION AND PULL BOXES.
5. APPLY THE FACTORY SUPPLIED ARC FLASH WARNING LABELS TO ALL SWITCHBOARDS AND PANELS AS REQUIRED PER NEC 110.16.
6. SERVICE EQUIPMENT SHALL BE LABELED LISTING AVAILABLE FAULT CURRENT.
7. PROVIDE CIRCUIT IDENTIFICATION ON COVER PLATES.
8. PROVIDE NEW TYPEWRITTEN SCHEDULES FOR PANELBOARDS.

AS-BUILT DRAWINGS:

1. PROVIDE AS-BUILT DRAWINGS

TESTS:

1. UPON COMPLETION OF WORK, TEST EACH SYSTEM TO BE FREE OF GROUNDS AND/OR FAULTS. TEST FOR PROPER OPERATION. IF ANY DEFECTS ARE FOUND, TAKE IMMEDIATE ACTION TO REMEDY.
2. CHECK ALL FIXTURES FOR BURNT OUT OR DAMAGED LAMPS AND REPLACE.

GUARANTEE:

CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT AND WIRING TO BE FREE FROM MECHANICAL AND ELECTRICAL DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE.

SHOP DRAWINGS

SUBMIT SHOP DRAWINGS FOR THE FOLLOWING EQUIPMENT FOR APPROVAL BY THE ENGINEER:

1. PANELBOARDS

ELECTRICAL SYMBOL LIST

SYMBOL	DESCRIPTION
	NEW PANELBOARD
	EXISTING PANELBOARD
	GROUNDING ELECTRODE CONDUCTOR TO BLDG STEEL, WATER SERVICE, AND GROUND ROD
(e)	EXISTING

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REVISIONS

No	Date	Issue
01	2025.03.21	Plan Commission Rev

CHECKED BY MZ

DRAWN BY RB

SHEET TITLE

Electrical Schedules

SCALE IN FEET

NORTH

SHEET NUMBER

E3.0

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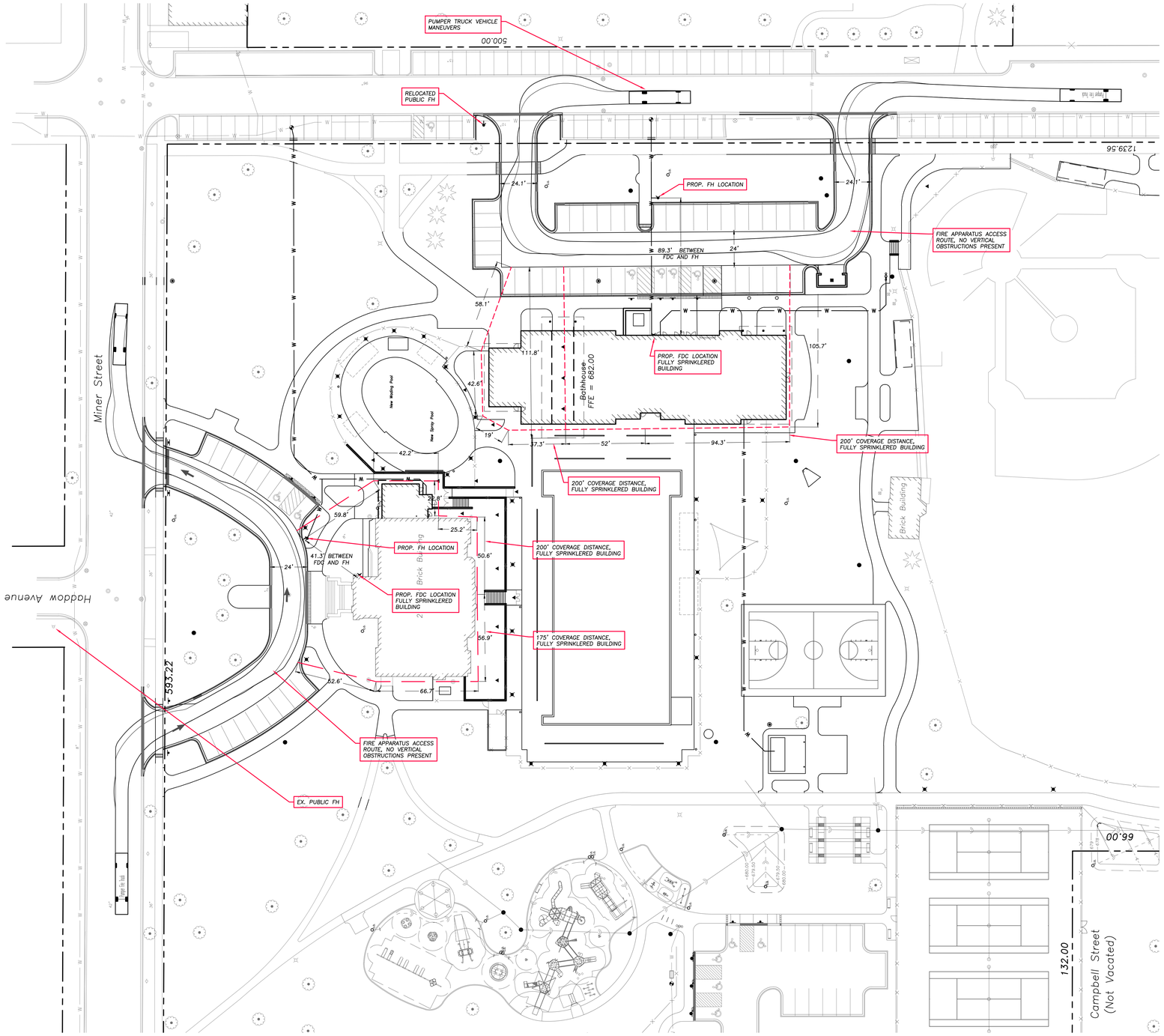
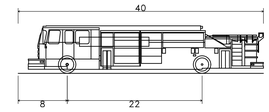
EXHIBIT L

FIRE PROTECTION EXHIBIT





Pumper Fire Truck	
Overall Length	40.000ft
Overall Width	8.167ft
Overall Body Height	7.745ft
Min Body Ground Clearance	0.656ft
Track Width	8.167ft
Lock-to-lock time	5.00s
Max Wheel Angle	45.00°





Scale: 1"=30'

FGM Architects
1 Westbrook Corporate Center
Suite 1000
Westchester, Illinois 60154

630.574.8300 OFFICE

ILLINOIS PROFESSIONAL DESIGN
FIRM #184-000350

CIVIL
ERIKSSON ENGINEERING ASSOCIATES, LTD
145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
414.249.6108

LANDSCAPE
HITCHCOCK DESIGN GROUP
22 E. CHICAGO AVENUE, SUITE 200A
NAPERVILLE, ILLINOIS 60540
630.961.1787

STRUCTURAL
MCCLUSKEY ENGINEERING CORPORATION
1887 HIGH GROVE LANE
NAPERVILLE, ILLINOIS 60540
630.717.5399

M.E.P.
BERG ENGINEERING CONSULTANTS, LTD.
801 WEST WISE ROAD
SCHAUMBURG, ILLINOIS 60193
847.352.4500

AQUATIC
COUNSILMAN-HUNSAKER & ASSOCIATES, INC
12851 MANCHESTER ROAD, SUITE 120
ST. LOUIS, MISSOURI 63131
314.894.1245

FOOD SERVICE
EDGE ASSOCIATES, INC.
100 W. WILSON STREET, SUITE 331
BATAVIA, ILLINOIS 60510
855.962.4422

LICENSED PROFESSIONAL ENGINEER
JEFF S. GELDMYER
062-072792
OF ILLINOIS

EXPIRATION DATE: 11/30/2025

ISSUANCE		
NO	DATE	DESCRIPTION
	04/16/2025	ISSUE FOR BID & PERMIT

RECREATION PARK COMMUNITY BUILDING RENOVATION AND NEW POOL & BATHHOUSE

ARLINGTON HEIGHTS PARK DISTRICT
500 & 501 E. Miner Street, Arlington Heights, Illinois 60004

ISSUE FOR BID & PERMIT

1 FIRE DEPARTMENT EXHIBIT

SHEET NO.
CX.FP

JOB NO. 24-4036.01

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EEA – \\FILE-GRAY\Projects\23224 – Hitchcock – Recreation Park Phase I\Drawings\Site Plan – Rec Park_PHASE 2&3.dwg
Plotted: 4/15/25 @ 1:33pm By: jgeldmyer

EXHIBIT M

UNCONDITIONAL AGREEMENT AND CONSENT

TO: The Village of Arlington Heights, Illinois (*"Village"*):

WHEREAS, the Arlington Heights Park District ("*Owner"*) is the owner of record of that certain parcel of real property, commonly known as 500 E. Miner Street, Arlington Heights, Illinois, located in the Public Lands District (*"P-L District"*), and legally described in Exhibit A attached to and, by this reference, made a part of this Ordinance (*"Property"*); and

WHEREAS, on _____, 2025, the Village President and Board of Trustees adopted Ordinance No. 2025-_____, amending a planned unit development and approving a special use permit and variations for development on the Property (*"Ordinance"*); and

WHEREAS, Section 10 of the Ordinance provides, among other things, that the Ordinance will be of no force or effect unless and until the Owner files, within 30 days following the passage of the Ordinance, its unconditional agreement and consent to accept and abide by each and all of the terms, conditions, and limitations set forth in the Ordinance;

NOW, THEREFORE, the Owner hereby agrees and covenants as follows:

1. The Owner hereby unconditionally agrees to, accepts, consents to, and will abide by, each and all of the terms, conditions, limitations, restrictions, and provisions of the Ordinance.

2. The Owner acknowledges that public notices and hearings have been properly given and held with respect to the adoption of the Ordinance, has considered the possibility of the revocation provided for in the Ordinance, and agrees not to challenge any such revocation on the grounds of any procedural infirmity or a denial of any procedural right.

3. The Owner acknowledges and agrees that the Village is not and will not be, in any way, liable for any damages or injuries that may be sustained as a result of the Village's granting of the planned unit development, special use permit, and the variations for the Property or its adoption of the Ordinance, and that the Village's approvals do not, and will not, in any way, be deemed to insure the Owner against damage or injury of any kind and at any time.

4. The Owner agrees to hold harmless and indemnify the Village, the Village's corporate authorities, and all Village elected and appointed officials, officers, employees, agents, representatives, and attorneys, from any and all claims that may, at any time, be asserted against any of such parties in connection with the Village's adoption of the Ordinance granting the planned unit development, the special use permit, and the variations for the Property.

Dated: _____, 2025

ATTEST: Arlington Heights Park District

By: _____ By: _____

Its: _____ Its: _____