



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

November 20, 2017

8:00 PM

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

- A. Presentation of the Colors by Girl Scout Troop #40531 from Olive-Mary Stitt School

III. ROLL CALL OF MEMBERS

IV. APPROVAL OF MINUTES

- A. Village Board 11/06/2017

V. APPROVAL OF ACCOUNTS PAYABLE

- A. Warrant Register 11/15/2017

VI. RECOGNITIONS AND PRESENTATIONS

VII. PUBLIC HEARINGS

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. OLD BUSINESS

- A. Report of the Committee-of-the-Whole Meeting of November 13, 2017

Arlington Heights Memorial Library Budget Review

Trustee Scaletta moved, seconded by Trustee LaBedz, that the Committee-of-the-Whole recommend to the Board of Trustees

that the Board authorize staff to transfer \$2 million from the General Fund and to request a transfer of \$300,000 from the Arlington Heights Memorial Library to the Health Insurance Fund during 2017, to stabilize that self-insurance fund's reserves. The motion passed unanimously.

- B. Report of the Committee-of-the-Whole Meeting of November 15, 2017

Final Recommendation of Committee-of-the-Whole to Board of Trustees for the 2017 Property Tax Levy payable in 2018

Trustee Scaletta moved, seconded by Trustee Sidor that the Committee-of-the-Whole recommend to the Village Board to authorize staff to prepare the Village's and the Arlington Heights Memorial Library's 2017 Tax Levy Ordinance reflecting an estimated total tax levy of \$49,465,192 or a 2.61% increase over the 2016 extended tax levy for the Village and Library portion of the levy. The motion passed unanimously.

- C. Report of the Committee-of-the-Whole Meeting of November 15, 2017

Final Recommendation of Committee-of-the-Whole to Board of Trustees for the 2018 Budget

Trustee LaBedz moved, seconded by Trustee Blackwood that the Committee-of-the-Whole recommend to the Board of Trustees that the Board approve the proposed 2018 Budget as amended through the review process. The motion passed unanimously.

- D. Report of the Committee-of-the-Whole Meeting of November 20, 2017

Interview of Kristyn Ramsey for Appointment to the Senior Citizens Commission - Term Ending: 4/30/20

- E. Report of the Committee-of-the-Whole Meeting of November 20, 2017

Interview of Nancy O'Donnell for Appointment to the Special Events Commission - Term Ending: 4/30/20

- F. Report of the Committee-of-the-Whole Meeting of November 20, 2017

Interview of Diane Jamieson for Appointment to the Special Events Commission - Term Ending: 4/30/19

X. 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 ask to remove any item on this Consent Agenda.
4. One roll call vote will be taken and will cover all remaining Consent Agenda items.

CONSENT LEGAL

- A. An Ordinance Amending Chapters 7 and 30 of the Arlington Heights Municipal Code
(Electronic Message Signs)
- B. An Ordinance Amending Chapter 13 of the Arlington Heights Municipal Code
(Section 13-502, Fees and Number of Licenses, making available a Class "E" liquor license)

XI. APPROVAL OF BIDS

XII. NEW BUSINESS

- A. St. Edna Church - 2525 N. Arlington Heights Rd. - PC#17-010
PUD Amendment

XIII. LEGAL

XIV. REPORT OF THE VILLAGE MANAGER

XV. APPOINTMENTS

XVI. PETITIONS AND COMMUNICATIONS

- A. Request for Closed Session per 5 ILCS 120/2(c)(21): Discussion of minutes lawfully closed, whether for purposes of approval of the minutes or the semi-annual review of the minutes

- and -

5 ILCS 120/2(c)(1): Appointment, employment, compensation, discipline, performance or dismissal of specific employees of the public body or legal counsel

XVII. ADJOURNMENT

Persons with disabilities requiring auxiliary aids or services, such as an American Sign Language interpreter or written materials in accessible formats, should contact David Robb, Disability Services Coordinator, at 33

S. Arlington Heights Road, Arlington Heights, Illinois 60005, (847)368-5793 (Voice), (847)368-5980 (Fax) or drobb@vah.com.



Item: Presentation of the Colors

Department: Village Manager's Office

Presentation of the Colors by Girl Scout Troop #40531 from Olive-Mary Stitt School

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:



Item: VB 11 06 17

Department: Village Clerk

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:

ATTACHMENTS:

Description

minutes 11 6 17

Type

Minutes



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

November 6, 2017

8:00 PM

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

President Hayes and the following Trustees responded to roll: Baldino, Tinaglia, Blackwood, Rosenberg, LaBedz, Sidor, Scaletta, Glasgow.

Also present were: Randy Recklaus, Mark Burkland, Scott Shirley, Robin Ward, Diana Mikula, Charles Perkins, Tom Kuehne, Steve Hautzinger and Becky Hume.

III. ROLL CALL OF MEMBERS

IV. APPROVAL OF MINUTES

A. Committee of the Whole 10/02/2017 Approved

Trustee Carol Blackwood moved to approve. Trustee Robin LaBedz

Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

B. Committee of the Whole 10/16//2017 Approved

Trustee Robin LaBedz moved to approve. Trustee Bert Rosenberg Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

C. Village Board 10/16/2017

Approved

Trustee Carol Blackwood moved to approve. Trustee Bert Rosenberg Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

V. APPROVAL OF ACCOUNTS PAYABLE

A. Warrant Register 10/30/2017

Approved

Trustee Bert Rosenberg moved to approve the Warrant Register dated 10/30/2017 for \$3,884,563.61. Trustee Thomas Glasgow Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

VI. RECOGNITIONS AND PRESENTATIONS

President Hayes said he attended a very special Veteran's Day event at St. Viator's High School where retired Army Sgt. Sammy L. Davis spoke.

President Hayes said he was inspirational and prompted him to remember to thank any veteran who has served. Sgt. Davis said every person can and should serve in some way.

A. Presentation of the 2017 Arlington Heights Cultural Arts Award to Ellen Sharpe by the Arts Commission

The 2017 Cultural Arts award was presented to Ellen Sharpe, owner of Monart Drawing Studio, by Arts Commission Chair Janet Souter. Ms. Sharpe's studio has had an immense impact on children and their families. President Hayes acknowledged the gift that Ms. Sharpe has given to the Village.

B. Presentation by Patrick Irwin, Ph.D, Entomologist of the Northwest Mosquito

Abatement District

Mr. Irwin of the Northwest Mosquito Abatement District gave an overview of the agency's operations and scope. They manage the mosquito population so the outdoors can be enjoyed and to limit disease transmission. Standing water in back yards is a major breeding ground for mosquitos. Currently they are trying to contain and eliminate the mosquitos that carry West Nile virus. Send questions to nwmadil.com.

President Hayes said nuisance mosquitos are not so bad anymore. Mr. Irwin said it can be bad near rivers and forest preserves, not so much in neighborhoods.

Mr. Irwin said spray trucks are effective and there are measurable reductions after a spraying. The agency is limited by weather as to when they can spray at night. They are looking for new tools. The West Nile virus is still endemic here. They are trying to figure out why Chicago is more affected than other Midwest cities. There were 65 cases reported in Illinois in 2017.

Mr. Irwin said they know 12 hours in advance where they are spraying at night and it is noted on their website. If residents would like to be notified in advance of spraying in their neighborhood, they may receive a text if they register with NMAD. Municipalities are contacted as well. Mr. Recklaus said he will investigate putting that information on the website in the future.

VII. PUBLIC HEARINGS

VIII. CITIZENS TO BE HEARD

Eva Hutyra said Lampignano & Sons did road work on their street. She asked for them to replace her driveway. The concrete was poured and 10-12 hours later it poured rain. There were 65 plus paw prints in the concrete. Lampignano offered, and she agreed, to have them patch the prints. Now she has 3" patches across 5-6 panels. She asked to have the panels replaced. She was refused and told if she did not settle her bill there would be a lien on her property. She paid in full so she would not have to go through that process. She asked the village to intervene on her behalf. Mr. Recklaus said he would work with her to help resolve the problem.

Melissa Cayer asked if the Village's tax includes money for the Cook County Treasurer. Mr. Kuehne said no.

Jerry Fedyski said his water bill from October was high and it confused him. Mr. Recklaus said he could be help to explain his bill. Each bill is unique, so it will be looked into.

IX. OLD BUSINESS

- A. Report of the Committee-of-the-Whole Meeting Approved
of November 6, 2017

Consideration of recommending to the Liquor
Commissioner the issuance of a Class "E" Liquor
License to D&J Seoul, dba San Korean Cuisine
located at 234 E. Golf Road

Trustee Thomas Glasgow moved to recommend to the Liquor
Commissioner the issuance of a Class "E" Liquor License to D&J Seoul.
Trustee Mike Sidor Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta,
Sidor, Tinaglia

- B. Report of the Committee-of-the-Whole Meeting Approved
of November 6, 2017

Interview of Luis Ramirez-Alonso for
Appointment to the Fire & Police Commission -
Term Ending: 4/30/20

President Hayes administered the Oath of Office to Mr. Ramirez-Alonso.

Trustee Thomas Glasgow moved to concur with the Mayor's appointment.
Trustee Jim Tinaglia Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta,
Sidor, Tinaglia

X. CONSENT AGENDA

CONSENT OLD BUSINESS

CONSENT APPROVAL OF BIDS

- A. Liquid Deicer 2017 Approved

Trustee John Scaletta moved to approve. Trustee Robin LaBedz Seconded
the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta,
Sidor, Tinaglia

CONSENT LEGAL

- A. An Ordinance Amending Chapter 7 of the Arlington Heights Municipal Code (Section 7-1105 - Ambulance Fees) Approved

Trustee John Scaletta moved to approve. Trustee Robin LaBedz Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

CONSENT REPORT OF THE VILLAGE MANAGER

- A. Settlement - Workers' Compensation Claim - Glanz Approved

Trustee John Scaletta moved to approve settlement of \$25,000. Trustee Robin LaBedz Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

- B. Settlement - Workers' Compensation Claim - Turano Approved

Trustee John Scaletta moved to approve settlement of \$31,620.91. Trustee Robin LaBedz Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

- C. Request for a waiver from the requirement of Section 13-501c to permit Elm Liquor Store to relocate to 906 W. Northwest Highway to a space that is less than 2,500 square feet Approved

Trustee John Scaletta moved to approve. Trustee Robin LaBedz Seconded

the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

CONSENT PETITIONS AND COMMUNICATIONS

A. Bond Waiver - Arlington Heights Park District Approved

Trustee John Scaletta moved to approve. Trustee Robin LaBedz Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

B. Bond Waiver - St. James Parish Approved

Trustee John Scaletta moved to approve. Trustee Robin LaBedz Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

XI. APPROVAL OF BIDS

A. Ambulance Billing Services Approved

Trustee Glasgow removed this item from the Consent Agenda.

Trustee Glasgow said Andres will collect an additional \$1,000,000 from this contract due to the change in fee structure. He said he wished that this had been disclosed by the vendor when the vendor appeared before the Board regarding the Ambulance Fee discussion as they had a vested interest. Trustee Glasgow asked if any other vendors were approached to speak to the Board. Mr. Recklaus said other vendors were not approached to present to the Board, but the RFP responses were independent of this process and all bidders were given the opportunity to adjust their proposal after the fact.

Trustee Scaletta asked if the same proposal would have come forward regardless of the company involved in the presentation. Mr. Recklaus said yes, Andres was the Village's collection agency, so the best company to provide the Village with the data for the discussion.

Trustee Glasgow said he would have been more comfortable with this out in the open. He said he was not accusing staff of wrong doing.

Trustee John Scaletta moved to approve. Trustee Bert Rosenberg Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

XII. NEW BUSINESS

- | | | |
|----|--|----------|
| A. | Sign Code Modifications - Village-Wide
Electronic Signs - DC#09-025 | Approved |
|----|--|----------|

Mr. Perkins gave an overview of the Design Commission's study of Electronic Signage. The Design Commission does not support electronic signage. At the request of the Village Board, the Design Commission created a draft ordinance for electronic signs with conditions. The draft ordinance allows electronic signs on major arterial roads only with the exception of Golf Road/Arlington Heights Road area as it is being studied for potential new zoning. The revisions include a conditional review process, conditional review criteria and standards for electronic message signs.

Currently manual change message board signs are allowed. The Code was changed to allow replacement panels in certain kinds of signs. Gas stations are allowed to use an LED price, but that is the only part of the sign that is electronic. Most churches are in residential neighborhoods, so would not be allowed to have an LED sign. If a church was on Dundee, they could seek a variation to have an electronic sign.

Controlling the light levels and uses of messaging will be difficult to police. The proposal requires that the petitioners submit written compliance to the outlined standards. Steve Hautzinger said LED signs are on all the time and adjust based on the light conditions. The technology has improved and there is dimming technology. Before a permit is issued, the sign would have to have that functionality. Enforcement would be on a complaint basis and the Village would have to get a light meter and measure it.

Trustee Tinaglia said content and light levels affect many people. The Village would need to have light meters. In the permitting process, the

language of needs to make sure no one goes crazy with frequently changing messages. There need to be consequences. He suggested the cost of monitoring these signs be included in the permitting fees.

Trustee Rosenberg asked if employing an outside vendor to monitor the signs would be appropriate. This will be considered.

Trustee LaBedz questioned the Code language that states the sign shall be in the 'best interest of the Village'. Mr. Hautzinger said it challenges the petitioners to make a good case for a valid need for their sign. It is a way to control and undesirable use. The language gives the Commission some leeway. Ms. Ward said there are other situations where the 'interests of the Village' are considered in the Code.

Trustee Scaletta said he thinks the Sign Code is too conservative and restrictive. He asked if there was a way to control light emitting signs. Mr. Perkins said yes, with timers and dimmers but the signs can only be dimmed so much. Trustee Scaletta said If everything works well, brightness shouldn't be an issue if the signs are controlled. Mr. Hautzinger said the signs will be considered under a conditional review process. The cost of \$5,000 for the review is because it is more intensive.

Trustee Scaletta expressed his frustration that the Village was not willing to accept digital signs and that the proposed amendment did not go far enough. Mr. Recklaus said technology will evolve. Arlington Heights is a very aesthetically minded community, so may be slower to adopt these kinds of things. This amendment opens the door for some signs in the high demand corridors. If there is a good experience, the boundaries can be expanded. It is easier to open the door wider later, rather than trying to pull it back. These areas have the least impact on the residential areas. This is a big step forward.

Corridors were chosen for implementation versus zoning areas for legal reasons. Trustee Scaletta asked what happens with Metropolis. Mr. Recklaus said they could apply for a variation to the general Sign Code because they would need a wall sign. Mr. Perkins said the Racetrack would need something larger than what this would allow because it is a unique property, and would be part of their variation request. There will be unique situations where businesses will seek variations. Trustee Scaletta said it should not cost more for a review of an electronic sign than for any other kind of sign.

Mr. Hautzinger explained that electronic signs emit more light, can have animation and are not static so can change frequently. There is greater brightness than a traditional sign even with the controls. Enforcement is a big concern. The technology does not exist for low light signs of this kind.

Mr. Perkins said industry standards were looked at and incorporated in the draft with criteria that would allow LED signs. Staff would love to see the

light levels lower, but then the technology is not there yet. Electronic ink signs are still developing and not widely used yet.

Trustee Scaletta said the landscaping detail requirements were over reaching. Mr. Hautzinger said ground signs need to be thoughtful and this is part of making sure that occurs.

Trustee Blackwood agreed that the Sign Code is extremely conservative. This is a conservative way to step into this and is long overdue.

Trustee Sidor said he wanted written notifications to go further out than 250 ft. because the lots are very large in these corridors. He also said the Village struggles to enforce current sign codes, so how will it enforce this? Mr. Recklaus said staff is working on ways to increase enforcement. The demand is that the sign be light sensitive so can be checked on a setting basis. In terms of animations, they cannot hide. It is harder to track temporary sign people down. This is easier to confront. Trustee Sidor said if the notification area can be increased then he would be in favor. He said he would like the business owners to be notified in addition to the property owners.

Trustee Baldino said that some of the discussion indicated that the signs would be on all the time, but the ordinance states the signs can only be on during the hours of operation. He suggested that all signs be on timers. Mr. Perkins said he would contact a sign manufacturer to see if this is possible.

President Hayes said he was okay with the notification distance as drafted; he would be more inclined to change it if residential areas were being affected.

There was discussion regarding notification distances and process. Mr. Recklaus said he would examine the process and confirm it with the Board.

Trustee Carol Blackwood moved to approve an Amendment to Chapter 30 to add Article VII Electronic Message Signs with the recommendations of the Design Commission of August 22, 2017. Trustee Jim Tinaglia Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Glasgow, Hayes, LaBedz, Rosenberg, Scaletta, Tinaglia

Nays: Sidor

B. Ivy Hotel - 519 W. Algonquin Rd. - PC#16-012 Disapproved
Land Use Variation for Hotel

Trustee Glasgow recused himself because of a business conflict. He left the room at this time.

Mr. Recklaus said the proposal is for a Land Use Variation to allow a 126 room hotel. Staff is supportive of the hotel, but recommending denial. The Plan Commission also recommended denial mainly due to concerns over parking. The project came before the Board in Early Review in 2016 and 2017. The Design Commission approved the project. It has 172 parking spaces and a proposal for valet parking with 45 spaces. Staff has concern about the valet parking because some vehicles need to be double parked. Valet parking is appropriate for this kind of use. The parking deficit is 138 spaces.

Staff checked to see if Code is in line with other Village's standards and it is. Staff supports reinvestment in the property, but is not convinced they have enough parking on site. If they reduced the size of the facility or secured alternate long term parking options, or had more detail in justifying the parking variation there might have been a different recommendation.

Mr. Cazares said TR Mandigo provided them with a study that disagreed with the Village's parking numbers. He said the spa, rooftop and lounge are internal to the hotel and not for outsiders, so additional parking is not needed for those amenities. They want to build a boutique hotel with the said amenities and do not want to see it reduced. They tried to purchase land from the neighbors but were denied. They were also denied leasing long-term overflow parking from Brite-O-Matic.

Trustee Rosenberg discussed the various reports' parking numbers. Mr. Cazares said many people now use ride share and they will be providing a shuttle from the airport for many guests. Trustee Rosenberg asked if there was way to take some of the profit and apply it to below ground parking. Mr. Cazares, yes once they are open and making money. He cannot do until there is a track record. Mr. Cazares said the rooftop is used like a pool or lobby and is for guests only. Employee parking is assumed to be on site. Trustee Rosenberg said it is hard to accept something that is under-parked without any contingencies.

Trustee Sidor said it would be reasonable to see guests inviting people up to the rooftop and adding parking stresses.

Trustee Scaletta said even if they had access to Brite-o-Matic's parking they would still need a variation of 40%. He asked about the other parking opportunities in the area like Pace. Mr. Cazares said the Village wanted a long-term lease and the other properties were only able to offer short-term agreements. They tried to purchase other properties, but were unsuccessful.

Trustee Scaletta said the variation is 50%, the property is landlocked and next to a four lane road. He said he believed in Mr. Cazares and his mother, but the size of the variation is too great with no way to solve their own problem. Mr. Cazares said he would build a parking garage if it is

successful. Mr. Cazares said they did have a one-year lease, but the village did not accept that. Trustee Scaletta said he would like to see this happen, but cannot support it knowing it might create a problem.

Mr. Perkins said the variation is very large. If the gap was narrower, as in 85-90% of the time there was enough parking, shorter term backups would be considered.

Trustee Tinaglia said parking is the only thing holding this back. He said two years ago the Board asked for a detailed analysis and prove that it would work. He asked why the traffic consultant was not present. Mr. Cazares said he brought all the experts to the Plan Commission and the project was voted down. He said he had given up.

President Hayes said it is a great project, there just was not enough land.

Trustee Jim Tinaglia moved to deny. Trustee John Scaletta Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

Absent: Glasgow

XIII. LEGAL

XIV. REPORT OF THE VILLAGE MANAGER

XV. APPOINTMENTS

XVI. PETITIONS AND COMMUNICATIONS

XVII. ADJOURNMENT

Trustee Jim Tinaglia moved to adjourn at 10:15. Trustee Robin LaBedz Seconded the Motion.

The Motion: Passed

Ayes: Baldino, Blackwood, Hayes, LaBedz, Rosenberg, Scaletta, Sidor, Tinaglia

Absent: Glasgow



Item: Warrant Register 11/15/2017

Department: Village Clerk

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:

ATTACHMENTS:

Description

warrant register 11 15 17

Type

Warrant Register



**VILLAGE OF ARLINGTON
HEIGHTS**
WARRANT REGISTER FOR
CHECK DATE: 11-15-2017

Fund	Fund Description	Total Transaction Amount
101	General Fund	\$689,444.73
211	Motor Fuel Tax Fund	\$22,815.00
227	Foreign Fire Ins Tax Fund	\$1,729.60
231	Criminal Investigation Fd	\$219,402.46
235	Municipal Parkg Opr Fund	\$20,518.31
401	Capital Projects Fund	\$72,011.66
426	Storm Water Control Fund	\$78,801.47
431	Public Building Fund	\$27,698.13
435	EAB Fund	\$3,330.77
505	Water and Sewer Fund	\$678,899.48
515	Arts,Entert & Events Fund	\$28,186.44
605	Health Insurance Fund	\$307,460.44
611	General Liability Ins Fnd	\$5,936.05
615	Workers Compensation Ins	\$26,875.17
621	Fleet Operations Fund	\$31,875.76
625	Technology Fund	\$36,558.59
711	Fire Pension Fund	\$83.72
715	Guaranty Deposits Fund	\$4,450.00
721	Escrow Deposits Fund	\$998.00
TOTAL ALL FUNDS		\$2,257,075.78

WARRANT REGISTER - GM0002**Department: 0****Division: 0**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
2128	101-0000-421.20-00	PAN & PAN LLC	REFUND LIQUOR LICENSE	\$1,987.44	\$1,987.44
209250	715-0000-220.93-00	ACE CONSTRUCTION SERV 154103	BOND REFUND	\$50.00	\$50.00
209263	505-0000-140.10-00	AMERICAN PRINTING TECHNOLOGIES	POSTAGE REIMBURSEMENT	\$2,044.74	\$2,044.74
209267	715-0000-220.93-00	ARGIE KARAFOTIAS 17 536	BOND REFUND	\$150.00	\$150.00
209297	231-0000-250.20-00	VONETTA BENNETT	RETURN OF SEIZED FUNDS	\$8,000.00	\$8,000.00
209317	715-0000-220.93-00	CHRISTINE WITHEROW 17 2983	BOND REFUND	\$200.00	\$200.00
209345	101-0000-421.99-00	COURTYARD CHICAGO ARLINGTON HE	OL REFUNDS	\$54.50	\$54.50
209346	715-0000-220.93-00	CRAIG J NEWMAN 17 1935	BOND REFUND	\$200.00	\$200.00
209347	231-0000-250.20-00	CRAIG KALLISH & BARRY SHEPPARD	RELEASE SEIZED FUNDS	\$2,115.00	\$2,115.00
209352	715-0000-220.93-00	DAVID WEEKLY HOMES	BOND REFUND	\$200.00	\$200.00
209355	715-0000-220.93-00	DES PLAINES AUTOMATIC SPRINKLE	BOND REFUND	\$200.00	\$200.00
209364	715-0000-220.93-00	FERNANDO ROGUE/ SIERR 161440	BOND REFUND	\$200.00	\$200.00
209365	235-0000-435.65-02	JORDYN FISHMAN	REFUND PARKING PERMIT	\$50.00	\$50.00
209381	101-0000-433.26-00	SONIA GRANDFIELD	REFUND TOWING FEE	\$500.00	\$500.00
209412	231-0000-250.20-00	IL STATE POLICE ASSIST SEIZURE UNIT	RELEASE SEIZED FUNDS	\$2,115.00	\$5,959.00
			RELEASE SEIZED FUNDS	\$3,844.00	
209414	101-0000-140.05-00	IMAGING SYSTEMS INC	ANNUAL SOFTWARE RENEWAL	\$3,357.90	\$12,174.70
			ANNUAL SOFTWARE RENEWAL	\$8,816.80	
209419	715-0000-220.93-00	J & J PAVEMENT REPAIRS INC	BOND REFUND	\$200.00	\$200.00
209420	715-0000-220.93-00	JAKE DELFIN 15 4329	BOND REFUND	\$200.00	\$200.00
209423	715-0000-220.93-00	JRC DESIGN BUILD	BOND REFUND	\$800.00	\$800.00

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209425	101-0000-489.90-00	LESLIE/THOMAS KARR	BENCHMARK EXPENSE	\$50.00	\$172.00
			RECORDING EXPENSE	\$122.00	
	401-0000-489.90-00	LESLIE/THOMAS KARR	FEE IN LIEU OF DETENTION	\$5,040.00	\$5,040.00
	721-0000-221.10-75	LESLIE/THOMAS KARR	MAINTENANCE DEPOSIT	\$998.00	\$998.00
209426	715-0000-220.93-00	KENTGEN, GEORGE 173594	BOND REFUND	\$200.00	\$200.00
209427	101-0000-140.52-00	KONICA MINOLTA BUSINESS USA	COPY SERVICE	\$417.44	\$417.44
209428	715-0000-220.93-00	KOZIAL EYECARE 16 1751	BOND REFUND	\$200.00	\$200.00
209431	231-0000-250.20-00	PETER LABUDA AND DONNA MAKOWSKI	REISSUE CHECK 209083	\$200,563.34	\$200,563.34
209443	715-0000-220.93-00	MATTHEW BUSHMAN 15 1924	BOND REFUND	\$200.00	\$200.00
209447	715-0000-220.93-00	MEIERS OUTDOOR WORLD 15 3309	BOND REFUND	\$100.00	\$100.00
209461	715-0000-220.93-00	NICK KAUTZ	BOND REFUND	\$200.00	\$200.00
209475	715-0000-220.93-00	PAPS LAWN SPRINKLERS 16 1096	BOND REFUND	\$200.00	\$200.00
209490	715-0000-220.93-00	RILEY, JAY W 173353	BOND REFUND	\$150.00	\$150.00
209497	715-0000-220.93-00	SAELEN, GRETA 172823	BOND REFUND	\$200.00	\$200.00
209498	101-0000-421.05-00	SALVATION ARMY	REFUND VEHICLE STICKER	\$30.00	\$30.00
209505	715-0000-220.93-00	SERRA PLULMBING SEWER 16 1440	BOND REFUND	\$200.00	\$200.00
209536	715-0000-220.93-00	TURF INDUSTRIES	BOND REFUND	\$200.00	\$200.00
209540	235-0000-435.65-02	VENKATA VARDHINEEDI	RETURNED PARKING PERMITS	\$100.00	\$100.00
209554	101-0000-421.05-00	KENNETH WIESER	REFUND VEHICLE STICKER	\$55.00	\$55.00
209555	715-0000-220.93-00	WILLIAM BLESAR	BOND REFUND	\$200.00	\$200.00
901287	101-0000-210.91-00	EMPLOYEE BENEFITS CORP	FSA CLAIMS 10/23/17	\$3,962.96	\$3,962.96
901288	101-0000-210.91-00	EMPLOYEE BENEFITS CORP	FSA CLAIMS 10/30/17	\$3,437.66	\$3,437.66
				Division 0 Total	\$252,111.78

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
Department 0 Total					\$252,111.78

WARRANT REGISTER - GM0002

Department: 1 Board of Trustees

Division: 1

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209309	101-0101-501.21-65	CAPTION FIRST INC	CLOSED CAPTIONING	\$900.00	\$900.00
901289	101-0101-501.22-05	CITIBANK	POSTAGE	\$9.30	\$9.30
				Division 1 Total	\$909.30
				Department 1 Total	\$909.30

WARRANT REGISTER - GM0002**Department: 2 Integrated Services****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209386	101-0201-502.22-03	HARRIS TRUST & SAVINGS BANK	AMERICAN	\$25.00	\$2,200.01
			AMERICAN TAXI DISPATCH	\$36.00	
			AMERICAN TAXI DISPATCH	\$37.20	
			HUDSONNEWS ST866	\$11.66	
			LA TAPENADE TA SAT	\$10.92	
			MARRIOTT S ANTONIO RVR	\$749.55	
			MARRIOTT SN ANTONIO RW	\$1,073.90	
			RIVER EDGE	\$29.09	
			SG *SG *LA PANADERIA	\$18.95	
			SG *SG *TAXI SERVICE G	\$31.08	
			UBER TIP 5GPX2	\$3.00	
			UBER TIP GYYEL	\$3.00	
			UBER TIP PLG5R	\$1.00	
			UBER TIP RFAB2	\$3.00	
			UBER TIP YMF3U	\$1.00	
			UBER US OCT22 5GPX2	\$16.08	
			UBER US OCT22 R5VII	\$9.72	
			UBER US OCT22 RFAB2	\$15.35	
			UBER US OCT24 PLG5R	\$6.41	
			UBER US OCT25 GYYEL	\$30.98	
			UBER US OCT25 YMF3U	\$12.12	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209386	101-0201-502.30-05	HARRIS TRUST & SAVINGS BANK	BEST BUY MHT 00006478	\$64.49	\$64.49
209404	101-0201-502.22-10	I PROMOTE YOU	SERVICE PRINTING	\$1,280.00	\$1,280.00
209452	101-0201-502.22-03	DIANA MIKULA	ICMA CONFERENCE	\$544.40	\$544.40
209488	101-0201-502.22-03	RANDY RECKLAUS	ICMA CONFERENCE	\$20.53	\$20.53
209515	101-0201-502.21-65	SPRINT	ACCT 456761884	\$100.00	\$100.00
209549	101-0201-502.21-65	VERIZON WIRELESS	ACCT 88534852600001	\$127.28	\$127.28
209557	101-0201-502.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$85.00	\$85.00
901289	101-0201-502.22-05	CITIBANK	POSTAGE	\$3.26	\$3.26
				Division 1 Total	\$4,424.97
				Department 2 Total	\$4,424.97

WARRANT REGISTER - GM0002**Department: 3 Human Resources****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209372	615-0301-552.42-75	GALLAGHER BASSETT SERVICES INC	CLAIMS - MEDICAL LOSS	\$15,760.79	\$15,760.79
	615-0301-552.42-80	GALLAGHER BASSETT SERVICES INC	CLAIMS - W/C	\$10,909.38	\$10,909.38
209386	101-0301-503.22-01	HARRIS TRUST & SAVINGS BANK	WORKPLACE DIVERSITY LL	\$200.00	\$200.00
	101-0301-503.22-02	HARRIS TRUST & SAVINGS BANK	NATIONAL PELRA	\$205.00	\$205.00
	615-0301-552.22-02	HARRIS TRUST & SAVINGS BANK	NATIONAL PELRA	\$205.00	\$205.00
209481	101-0301-503.22-02	PETTY CASH	NOTARY FEE	\$10.00	\$10.00
	101-0301-503.30-05	PETTY CASH	OFFICE SUPPLIES	\$9.99	\$9.99
209544	101-0301-503.21-65	VERIZON WIRELESS	ACCT 28544404900001	\$126.11	\$126.11
209557	101-0301-503.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$85.00	\$85.00
901289	101-0301-503.22-05	CITIBANK	POSTAGE	\$19.32	\$19.32
	605-0301-552.22-05	CITIBANK	POSTAGE	\$507.15	\$507.15
901290	605-0301-552.20-65	PRUDENTIAL INSURANCE CO OF AMERICA	REG LIFE INSURE PREMIUM	\$5,626.47	\$5,626.47
	605-0301-552.20-66	PRUDENTIAL INSURANCE CO OF AMERICA	OPT LIFE INSURE PREMIUM	\$2,688.49	\$2,688.49
901291	605-0301-552.20-60	HMO ILLINOIS	ACCT 072749	\$298,638.33	\$298,638.33
				Division 1 Total	\$334,991.03
				Department 3 Total	\$334,991.03

WARRANT REGISTER - GM0002**Department: 4 Legal Department****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
2129	101-0401-503.21-65	LAW OFFICES OF BURTON A BROWN	SCAVENGER SALE PURCHASE	\$1,070.00	\$1,070.00
209363	101-0401-503.20-15	ERNEST R BLOMQUIST PC	RETAINER	\$4,170.00	\$4,170.00
209386	101-0401-503.22-02	HARRIS TRUST & SAVINGS BANK	ARDC	\$393.47	\$991.94
			NATIONAL PELRA	\$205.00	
209413	101-0401-503.33-05	ILLINOIS MUNICIPAL LEAGUE	IL MUNICIPAL HANDBOOK	\$50.00	\$50.00
209469	101-0401-503.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$82.20	\$82.20
209493	101-0401-503.21-65	ROSE MARY JURINEK	COURT REPORTER	\$655.00	\$655.00
209542	101-0401-503.21-65	VERIZON WIRELESS	ACCT 68500580500002	\$91.27	\$91.27
209557	101-0401-503.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$140.90	\$140.90
901289	101-0401-503.22-05	CITIBANK	POSTAGE	\$3.70	\$3.70
				Division 1 Total	\$7,255.01
				Department 4 Total	\$7,255.01

WARRANT REGISTER - GM0002**Department: 5 Finance****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209249	101-0501-503.30-05	A & E RUBBER STAMP CORP	RUBBER STAMPS	\$34.00	\$34.00
209263	505-0501-503.22-10	AMERICAN PRINTING TECHNOLOGIES	SERVICE MISCELLANEOUS	\$1,020.35	\$1,020.35
209372	611-0501-552.42-60	GALLAGHER BASSETT SERVICES INC	CLAIMS - LIABILITY LOSS	\$5,936.05	\$5,936.05
209460	101-0501-503.21-02	NEOPOST USA INC	RENEWAL ACCT# 2897772	\$1,936.20	\$1,936.20
209469	101-0501-503.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$242.62	\$903.24
			OFFICE SUPPLIES	\$10.59	
			OFFICE SUPPLIES	\$489.04	
			OFFICE SUPPLIES	\$160.99	
209481	101-0501-503.33-05	PETTY CASH	SUPPLIES	\$16.35	\$16.35
209523	101-0501-503.22-10	SUMMIT PRINT SOLUTIONS	BUDGET TABS	\$172.00	\$172.00
209526	101-0501-503.33-05	SYLVIA'S FLOWERS INC	ARRANGEMENT	\$52.90	\$52.90
209557	101-0501-503.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$85.00	\$111.00
			OFFICE MACHINES & ACCESS	\$26.00	
901289	101-0501-503.22-05	CITIBANK	POSTAGE	\$3,724.36	\$3,724.36
	505-0501-503.22-05	CITIBANK	POSTAGE	\$1,969.74	\$1,969.74
Division 1 Total					\$15,876.19
Department 5 Total					\$15,876.19

WARRANT REGISTER - GM0002**Department: 6 Information Technology****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209266	625-0601-553.21-02	ARC DOCUMENT SOLUTIONS LLC	MAINTENANCE RENEWAL	\$1,420.00	\$1,420.00
209386	625-0601-553.30-05	HARRIS TRUST & SAVINGS BANK	AMAZON MKTPLACE PMTS	\$11.99	\$11.99
209456	625-0601-553.20-05	MUNICIPAL GIS PARTNERS INC	GIS SERVICES	\$16,200.50	\$16,200.50
209469	625-0601-553.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$8.59	\$22.26
			OFFICE SUPPLIES	\$13.67	
	625-0601-572.50-10	OFFICE DEPOT	OFFICE SUPPLIES	\$72.04	\$72.04
209484	625-0601-572.50-10	PROVANTAGE LLC	SOFTWARE MAINTENANCE	\$357.00	\$357.00
209504	401-0601-572.50-15	SEAMLESS DOCS	SUBSCRIPTION RENEWAL	\$8,500.00	\$8,500.00
209524	625-0601-553.20-39	SUPERION LLC	SERVICE MISCELLANEOUS	\$16,019.18	\$16,019.18
209546	625-0601-553.21-65	VERIZON WIRELESS	ACCT 68500580500001	\$1,368.44	\$1,368.44
209547	625-0601-553.21-65	VERIZON WIRELESS	ACCT 98726153700001	\$508.38	\$508.38
801676	625-0601-553.21-65	AT & T	ACCT 8310002604723	\$578.80	\$578.80
Division 1 Total					\$45,058.59
Department 6 Total					\$45,058.59

WARRANT REGISTER - GM0002**Department: 10 Boards & Commissions****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209269	101-1001-502.40-05	ARLINGTON HTS COMM CONCERT BAND	REIMBURSEMENT 2017	\$7,100.00	\$7,100.00
				Division 1 Total	\$7,100.00

Division: 8

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209341	101-1008-502.20-75	CONRAD POLYGRAPH INC	INDIVIDUAL EXAM	\$160.00	\$160.00
				Division 8 Total	\$160.00

Division: 21

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209481	101-1021-502.40-40	PETTY CASH	ECON DEV QTRLY MTNG	\$29.48	\$29.48
				Division 21 Total	\$29.48

Division: 22

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209292	515-1022-525.40-55	JANICE BARNETT	SERVICE MISCELLANEOUS	\$2,000.00	\$2,000.00
				Division 22 Total	\$2,000.00
				Department 10 Total	\$9,289.48

WARRANT REGISTER - GM0002**Department: 20 Special Events****Division: 5**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209380	515-2005-525.50-55	GRAND STAGE LIGHTING	PHOTOGRAPHIC SUPPLY/EQUIP	\$13,915.00	\$13,915.00
209439	515-2005-525.50-55	LISTON, ADAM	ELECTRICAL EQUIP & SUPPLY	\$2,100.00	\$5,295.00
			EQUIPMENT, NON OFFICE	\$800.00	
			SERVICE BLDG MAINT	\$250.00	
			SERVICE CONSULTING	\$450.00	
			SERVICE ENGINEERING	\$1,200.00	
			SERVICE VEHICLE PARTS	\$120.00	
			SHIPPING/DELIVERY SERVICE	\$225.00	
			TRAINING	\$150.00	
Division 5 Total				\$19,210.00	
Department 20 Total				\$19,210.00	

WARRANT REGISTER - GM0002**Department: 30 Police Department****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209249	101-3001-511.30-05	A & E RUBBER STAMP CORP	OFFICE SUPPLIES	\$33.00	\$33.00
209253	101-3001-511.30-35	JEFFREY C AIELLO	REIMBURSEMENT	\$221.00	\$221.00
209296	101-3001-511.30-35	DANIEL BELL	REIMBURSEMENT	\$137.18	\$137.18
209300	101-3001-511.30-35	BLAND WESLEY	REIMBURSEMENT	\$181.09	\$181.09
209301	101-3001-511.21-65	BMO HARRIS BANK	PROCESSING FEE	\$20.52	\$20.52
209304	101-3001-511.22-03	BRIAN BROSNAN	TRAINING	\$15.00	\$15.00
209307	101-3001-511.30-35	BUTLER MICHAEL	REIMBURSEMENT	\$562.30	\$562.30
209316	101-3001-511.30-35	PATRICK CHOJNOWSKI	REIMBURSEMENT	\$173.18	\$173.18
209323	101-3001-511.22-03	COLLEGE OF DUPAGE	REGISTRATION	\$400.00	\$400.00
	101-3001-511.33-25	COLLEGE OF DUPAGE	SUPPLIES	\$175.00	\$175.00
209348	101-3001-511.21-65	CRASH DATA GROUP INC	SOFTWARE UPGRADE	\$1,050.00	\$1,050.00
	101-3001-511.33-25	CRASH DATA GROUP INC	OFFICE MACHINES & ACCESS	\$800.00	\$800.00
209361	101-3001-511.30-35	SEAN EDMONDSON	REIMBURSEMENT	\$139.99	\$139.99
209371	101-3001-511.30-35	PIOTR GACEK	REIMBURSEMENT	\$99.99	\$149.94
			REIMBURSEMENT	\$49.95	
209374	101-3001-511.30-35	ANDREW GATZ	REIMBURSEMENT	\$189.98	\$189.98
209376	101-3001-511.21-65	GOLF ROSE PET LODGE	SERVICE MISCELLANEOUS	\$2,707.00	\$2,707.00
209382	101-3001-511.30-35	GROSS WILLIAM	REIMBURSEMENT	\$40.96	\$40.96
209383	101-3001-511.30-35	GYORKE SHAWN	REIMBURSEMENT	\$39.99	\$39.99
209384	101-3001-511.22-03	HAJEK DOUGLAS	POLICING CONFERENCE	\$315.90	\$806.80
			POLICING CONFERENCE	\$490.90	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209386	101-3001-511.22-03	HARRIS TRUST & SAVINGS BANK	IL TOLLWAY-DOWNERS GRO	\$6.77	\$6.77
	101-3001-511.33-25	HARRIS TRUST & SAVINGS BANK	AMAZON MKTPLACE PMTS	\$79.80	\$214.65
			AMAZON MKTPLACE PMTS	\$134.85	
209401	101-3001-511.30-35	JACOB HOWARD	REIMBURSEMENT	\$519.55	\$519.55
209403	101-3001-511.30-35	HUDGENS STEVEN	REIMBURSEMENT	\$185.38	\$350.37
			REIMBURSEMENT	\$164.99	
209416	101-3001-511.22-02	INTL ASSOC OF FINANCIAL CRIMES	DUES	\$80.00	\$80.00
209418	101-3001-511.33-25	INTOXIMETERS INC	SUPPLIES	\$238.00	\$238.00
209422	101-3001-511.30-35	JG UNIFORMS	CLOTHING	\$6.50	\$6.50
209433	101-3001-511.30-35	DAVID LAVIN	REIMBURSEMENT	\$169.98	\$169.98
209434	101-3001-511.22-02	LAW ENFORCEMENT RECORDS MNGRS OF IL	DUES	\$25.00	\$25.00
209444	101-3001-511.30-35	MAY SCOTT	REIMBURSEMENT	\$522.00	\$522.00
209445	101-3001-511.30-35	MC GRATH JAMES	REIMBURSEMENT	\$139.99	\$139.99
209448	101-3001-511.21-65	METRO-WESTERN COOK CREDIT	SERVICE MISCELLANEOUS	\$36.00	\$36.00
209454	101-3001-511.30-35	MORGAN MICHELE	REIMBURSEMENT	\$82.54	\$82.54
209457	101-3001-511.30-35	JOSEPH MURPHY	REIMBURSEMENT	\$45.00	\$45.00
209459	101-3001-511.22-03	NE MULTI REGIONAL TRAINING INC	REGISTRATION	\$300.00	\$425.00
			REGISTRATION	\$125.00	
209463	101-3001-511.21-65	NORTHERN IL FUNERAL SERVICES INC	SERVICE MISCELLANEOUS	\$905.00	\$1,330.00
			SERVICE MISCELLANEOUS	\$425.00	
209464	101-3001-511.21-65	NORTHERN IL POLICE ALARM SYSTEM	SERVICE PROFESSIONAL	\$99.20	\$99.20
209466	101-3001-511.20-37	NORTHWEST CENTRAL DISPATCH SYS	MEMBER ASSESSMENT	\$69,129.18	\$69,129.18
209469	101-3001-511.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$33.22	\$275.00

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209469	101-3001-511.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$66.44	\$275.00
			OFFICE SUPPLIES	\$213.33	
			OFFICE SUPPLIES	(\$37.99)	
209486	101-3001-511.30-35	RADEK TODD	REIMBURSEMENT	\$39.99	\$39.99
209487	101-3001-511.30-35	RAY O'HERRON	CLOTHING	\$74.99	\$2,727.10
			CLOTHING	\$167.98	
			CLOTHING	\$33.99	
			CLOTHING	\$204.49	
			CLOTHING	\$123.95	
			CLOTHING	\$71.97	
			CLOTHING	\$21.35	
			CLOTHING	\$276.00	
			CLOTHING	\$177.00	
			CLOTHING	\$74.99	
			CLOTHING	\$55.99	
			CLOTHING	\$292.95	
			CLOTHING	\$18.00	
			CLOTHING	\$12.99	
			CLOTHING	\$135.99	
			CLOTHING	\$124.00	
			CLOTHING	\$34.00	
			CLOTHING	\$425.67	
			CLOTHING	\$151.00	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209487	101-3001-511.30-35	RAY O'HERRON	CLOTHING	\$249.80	\$2,727.10
209492	101-3001-511.30-35	BRANDI ROMAG	REIMBURSEMENT	\$274.07	\$274.07
209541	101-3001-511.22-03	VEENSTRA RICK	ANNUAL CONFERENCE	\$175.00	\$175.00
	101-3001-511.30-35	VEENSTRA RICK	REIMBURSEMENT	\$120.00	\$120.00
209551	101-3001-511.21-65	VERIZON WIRELESS	ACCT 68682493000001	\$2,568.87	\$2,568.87
209559	101-3001-511.30-35	OLEH YUSYPYUK	REIMBURSEMENT	\$230.28	\$230.28
901289	101-3001-511.22-05	CITIBANK	POSTAGE	\$706.48	\$706.48
				Division 1 Total	\$88,379.45

Division: 3

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209386	231-3003-511.40-11	HARRIS TRUST & SAVINGS BANK	SG *SG *PHL AIRPORT SE	\$48.00	\$83.04
			TAXI SVC LONG ISLAND C	\$35.04	
209479	231-3003-511.40-11	PECORA JR, NICHOLAS	ANNUAL CONFERENCE	\$967.64	\$967.64
209503	231-3003-511.40-01	SCIENTIFIC ANIMAL FEEDS AND NEEDS	CANINE UNIT PROGRAM	\$62.99	\$62.99
209535	231-3003-511.40-01	MICHAEL TURANO	NARCOTICS DETECTOR DOG	\$1,651.45	\$1,651.45
				Division 3 Total	\$2,765.12
				Department 30 Total	\$91,144.57

WARRANT REGISTER - GM0002**Department: 35 Fire****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209254	101-3501-512.31-65	AIR ONE EQUIPMENT	SAFETY & FIRST AID EQUIP	\$25.00	\$25.00
209302	101-3501-512.31-85	BOUND TREE MEDICAL LLC	SAFETY & FIRST AID EQUIP	\$448.50	\$448.50
209313	101-3501-512.32-80	CHANNING BETE COMPANY INC	SAFETY & FIRST AID EQUIP	\$201.49	\$201.49
209362	101-3501-512.33-05	ELMHURST AMLINGS FLOWERLAND	FUNERAL FLOWERS	\$72.95	\$72.95
209368	401-3501-572.50-15	FOSTER COACH SALES INC	POWER COT INSTALLATION	\$1,500.00	\$1,500.00
209386	101-3501-512.22-03	HARRIS TRUST & SAVINGS BANK	MARRIOTT NORMAL	\$8.00	\$8.00
	101-3501-512.30-35	HARRIS TRUST & SAVINGS BANK	AMAZON MKTPLACE PMTS	\$11.98	\$116.56
			AMAZON MKTPLACE PMTS	\$16.68	
			AMAZON MKTPLACE PMTS	\$87.90	
	101-3501-512.31-65	HARRIS TRUST & SAVINGS BANK	BEST BUY 00003038	\$99.99	\$465.56
			BEST BUY 00003038	\$319.97	
			MILTON INDUSTRIES	\$45.60	
	101-3501-512.31-85	HARRIS TRUST & SAVINGS BANK	OCEAN TECHNOLOGY SYSTE	\$94.30	\$94.30
	209422	101-3501-512.30-35	JG UNIFORMS	CLOTHING	\$37.50
CLOTHING				\$35.95	
CLOTHING				\$225.00	
CLOTHING				\$240.00	
CLOTHING				\$192.00	
BADGES & OTHER ID EQUIP				\$42.00	
CLOTHING				\$1,596.00	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209422	101-3501-512.30-35	JG UNIFORMS	CLOTHING	\$144.50	\$2,512.95
209466	101-3501-512.20-37	NORTHWEST CENTRAL DISPATCH SYS	MEMBER ASSESSMENT	\$23,043.07	\$23,043.07
	101-3501-512.21-65	NORTHWEST CENTRAL DISPATCH SYS	PHONE RADIO APP	\$90.00	\$90.00
209469	101-3501-512.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$53.96	\$192.34
			OFFICE SUPPLIES	\$138.38	
209485	101-3501-512.31-60	R H MEDICAL	SAFETY & FIRST AID EQUIP	\$228.00	\$228.00
209521	101-3501-512.21-07	SUBURBAN ACCENTS INC	VEH MAINTENANCE SUPPLY	\$79.00	\$79.00
209548	101-3501-512.31-65	VERIZON WIRELESS	ACCT 44205897800001	\$3,241.93	\$3,241.93
209557	101-3501-512.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$85.00	\$163.00
			OFFICE MACHINES & ACCESS	\$26.00	
			OFFICE MACHINES & ACCESS	\$26.00	
			OFFICE MACHINES & ACCESS	\$26.00	
	101-3501-512.30-35	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$26.00	\$26.00
901289	101-3501-512.22-05	CITIBANK	POSTAGE	\$16.80	\$16.80
Division 1 Total					\$32,525.45
Department 35 Total					\$32,525.45

WARRANT REGISTER - GM0002**Department: 37 Foreign Fire Insurance****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209440	227-3701-512.22-03	RYAN LOFTUS	TUITION REIMBURSEMENT	\$229.60	\$229.60
209491	227-3701-512.22-03	DAVID ROBERTS	TUITION REIMBURSEMENT	\$1,500.00	\$1,500.00
				Division 1 Total	\$1,729.60
				Department 37 Total	\$1,729.60

WARRANT REGISTER - GM0002**Department: 40 Planning****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209315	101-4001-521.40-41	TRONC	ADVERTISING	\$5,000.18	\$5,000.18
209349	101-4001-521.40-40	CREEKSIDE PRINTING	PRINTING	\$955.00	\$955.00
209359	101-4001-521.40-40	DUE NORTH CONSULTING INC	ADVERTISING	\$1,300.00	\$1,300.00
209377	101-4001-521.20-05	GOVTEMPSUSA LLC	SERVICE PROFESSIONAL	\$1,792.00	\$1,792.00
209386	101-4001-521.40-40	HARRIS TRUST & SAVINGS BANK	METROPOLIS BALLROOM	\$35.00	\$35.00
209437	101-4001-521.21-65	LEGRAND REPORTING & VIDEO SERVICES	TRANSCRIPTS	\$265.95	\$557.40
			TRANSCRIPTS	\$291.45	
209474	101-4001-521.22-01	PADDOCK PUBLICATIONS INC	ADVERTISING	\$112.05	\$291.60
			ADVERTISING	\$102.60	
			ADVERTISING	\$76.95	
	101-4001-521.40-41	PADDOCK PUBLICATIONS INC	ADVERTISING	\$3,333.00	\$3,333.00
209513	101-4001-521.33-05	SOUTHERN COMPUTER WAREHOUSE	SUPPLIES	\$1,442.34	\$1,442.34
209522	101-4001-521.40-41	SUBURBAN FAMILY MAGAZINE	ADVERTISING	\$615.00	\$615.00
209552	101-4001-521.21-65	VERIZON WIRELESS	ACCT 38042002700001	\$145.70	\$145.70
209557	101-4001-521.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$37.96	\$37.96
901289	101-4001-521.22-05	CITIBANK	POSTAGE	\$79.58	\$79.58
Division 1 Total					\$15,584.76
Department 40 Total					\$15,584.76

WARRANT REGISTER - GM0002**Department: 45 Building****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209258	101-4501-523.30-35	ALLEN BRIAN	CLOTHING	\$124.99	\$124.99
209264	101-4501-523.33-05	AMPERAGE ELECTRICAL SUPPLY INC	HARDWARE SUPPLIES	\$38.61	\$38.61
209351	101-4501-523.20-35	RICK DANDAN	PLAN REVIEW	\$1,000.00	\$1,000.00
209432	101-4501-523.22-03	LOU LARSON	TRAINING	\$100.00	\$100.00
209469	101-4501-523.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$388.02	\$388.02
209481	101-4501-523.22-03	PETTY CASH	TRAINING	\$20.00	\$20.00
209489	101-4501-523.30-35	RED WING SHOE STORE	CLOTHING	\$188.99	\$188.99
209495	101-4501-523.22-10	RYDIN SIGN & DECAL	PRINTING SERVICE	\$436.50	\$436.50
209510	101-4501-523.22-03	LOUIS SOEST JR	SYMPOSIUM	\$328.04	\$328.04
209523	101-4501-523.22-10	SUMMIT PRINT SOLUTIONS	PRINTING SERVICE	\$541.20	\$541.20
209529	101-4501-523.21-65	THOMPSON ELEVATOR INSPECTION	SERVICE BLDG MAINT	\$342.00	\$608.00
			SERVICE BLDG MAINT	\$266.00	
209531	101-4501-523.20-05	TPI	TEMP PLUMBING	\$160.00	\$160.00
209543	101-4501-523.21-65	VERIZON WIRELESS	ACCT 54209747800002	\$144.04	\$144.04
209545	101-4501-523.21-65	VERIZON WIRELESS	ACCT 54209747800001	\$544.26	\$544.26
209557	101-4501-523.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$85.00	\$138.28
			OFFICE MACHINES & ACCESS	\$26.00	
			OFFICE MACHINES & ACCESS	\$27.28	
901289	101-4501-523.22-05	CITIBANK	POSTAGE	\$133.45	\$133.45
Division 1 Total					\$4,894.38

Division: 2

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209299	101-4502-523.22-03	TERESE BISKNER	IEHA ANNUAL CONFERENCE	\$353.28	\$353.28
209343	101-4502-523.21-10	CORELOGIC SOLUTIONS LLC	PROPERTY SEARCH	\$220.00	\$220.00
209366	101-4502-523.21-10	FLECKS LANDSCAPING	LANDSCAPING SERVICE	\$70.00	\$70.00
209370	101-4502-523.22-03	FRERES SEAN	IEHA ANNUAL CONFERENCE	\$353.28	\$353.28
209386	101-4502-523.21-65	HARRIS TRUST & SAVINGS BANK	J2 *MYFAX SERVICES	\$10.00	\$10.00
	101-4502-523.33-05	HARRIS TRUST & SAVINGS BANK	RECREATION SUPPLY COMP	\$317.52	\$317.52
	101-4502-523.33-10	HARRIS TRUST & SAVINGS BANK	SANOFI PASTEUR INC	\$71.61	\$71.61
209429	101-4502-523.33-10	PATTI KOZLOWSKI	BLOOD DRIVE SUPPLIES	\$19.80	\$96.62
			IMMUNIZATION CLINIC SUPPLY	\$76.82	
209469	101-4502-523.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$246.38	\$246.38
209481	101-4502-523.22-03	PETTY CASH	TRAINING	\$19.26	\$52.43
			TRAINING	\$33.17	
209534	101-4502-523.33-05	TUNDRA SPECIALTIES	SUPPLIES	\$98.45	\$98.45
209557	101-4502-523.22-15	XEROX CORPORATION	OFFICE MACHINES & ACCESS	\$85.00	\$85.00
901289	101-4502-523.22-05	CITIBANK	POSTAGE	\$50.98	\$50.98
Division 2 Total					\$2,025.55

Division: 3

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209261	101-4503-523.22-40	AMERICAN CHARGE SERVICE	TAXI PROGRAM	\$21.00	\$21.00
209324	101-4503-523.21-65	EDWARD COLLINS	PROGRAM FEE	\$175.00	\$175.00
209356	101-4503-523.21-65	DES PLAINES HARMONAIRES	PROGRAM FEE	\$150.00	\$150.00
209385	101-4503-523.21-65	HARPER COLLEGE	PROGRAM FEE	\$68.00	\$68.00

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209386	101-4503-523.30-05	HARRIS TRUST & SAVINGS BANK	AMAZON MKTPLACE PMTS	\$58.38	\$380.26
			AMAZON MKTPLACE PMTS	\$139.90	
			AMAZON MKTPLACE PMTS	\$181.98	
	101-4503-523.31-65	HARRIS TRUST & SAVINGS BANK	DUNKIN #352446 Q35	\$75.96	\$153.84
			OTC BRANDS, INC.	\$77.88	
209442	101-4503-523.21-65	MARQUEE MOVIE PRESENTATIONS LLC	PROGRAM FEE	\$200.00	\$200.00
209530	101-4503-523.22-40	THREE O THREE TAXI	TAXI PROGRAM	\$6.00	\$6.00
901289	101-4503-523.22-05	CITIBANK	POSTAGE	\$29.19	\$29.19
				Division 3 Total	\$1,183.29
				Department 45 Total	\$8,103.22

WARRANT REGISTER - GM0002**Department: 50 Engineering****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209273	401-5001-571.50-30	ARROW ROAD CONSTRUCTION CO	SERVICE CONSTRUCTION	\$21,836.52	\$21,836.52
209353	401-5001-571.50-30	JOHN DAVIS	SIDEWALK REIMBURSEMENT	\$520.50	\$520.50
209357	426-5001-571.50-25	DIMEO BROTHERS INC	SERVICE CONSULTING	\$21,644.35	\$72,784.25
			SERVICE CONSULTING	\$51,139.90	
209373	401-5001-571.50-30	WENDY GATEWOOD	SIDEWALK REIMBURSEMENT	\$287.50	\$287.50
209386	101-5001-524.22-03	HARRIS TRUST & SAVINGS BANK	METRA ARLINGTON HEIGHT	\$58.50	\$58.50
209415	101-5001-524.22-10	INNERWORKINGS LLC	PRINTING SERVICE	\$109.41	\$109.41
209430	101-5001-524.22-10	KWIK BUSINESS PRINTING	PRINTING SERVICE	\$208.16	\$208.16
209469	101-5001-524.30-05	OFFICE DEPOT	OFFICE SUPPLIES	\$243.01	\$243.01
209470	401-5001-571.50-30	SARAH OLEF	SIDEWALK REIMBURSEMENT	\$425.00	\$425.00
209482	101-5001-524.22-03	PONSOT THOMAS	TRAFFIC CONFERENCE	\$317.30	\$317.30
209507	401-5001-571.50-30	BRIAN SHERIDAN	SIDEWALK REIMBURSEMENT	\$431.25	\$431.25
209513	401-5001-572.50-15	SOUTHERN COMPUTER WAREHOUSE	OFFICE MACHINES & ACCESS	\$569.56	\$569.56
209520	401-5001-571.50-30	ROBERT STOBBE	SIDEWALK REIMBURSEMENT	\$500.00	\$500.00
209525	401-5001-571.50-30	CAROLE SUTTER	SIDEWALK REIMBURSEMENT	\$706.25	\$706.25
209557	101-5001-524.22-15	XEROX CORPORATION	RENTAL/LEASE EQUIPMENT	\$85.00	\$85.00
901289	101-5001-524.22-05	CITIBANK	POSTAGE	\$5.94	\$5.94
Division 1 Total					\$99,088.15
Department 50 Total					\$99,088.15

WARRANT REGISTER - GM0002**Department: 71 Public Works****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209251	101-7101-531.31-75	ACTIVE ELECTRICAL SUPPLY CO	LIGHTING SUPPLIES	\$1,670.60	\$1,670.60
209252	101-7101-531.33-05	ADDISON BUILDING MATERIAL CO	SUPPLIES	\$178.86	\$178.86
209257	101-7101-531.21-11	ALL WINDOW CLEANING SERV INC	WINDOW CLEANING	\$750.00	\$1,470.00
			WINDOW CLEANING	\$720.00	
209259	101-7101-531.21-11	ALPHA BUILDING MAINTENANCE SRVS	SERVICE BLDG MAINT	\$3,562.50	\$3,562.50
209260	101-7101-531.31-65	AMAZON.COM	OFFICE SUPPLIES	\$115.38	\$142.72
			OFFICE SUPPLIES	\$11.72	
			OFFICE SUPPLIES	\$15.62	
209262	101-7101-531.21-02	AMERICAN DOOR & DOCK	SERVICE BLDG MAINT	\$2,328.00	\$2,328.00
	101-7101-531.21-11	AMERICAN DOOR & DOCK	SERVICE BLDG MAINT	\$4,360.00	\$4,360.00
	401-7101-571.50-20	AMERICAN DOOR & DOCK	SERVICE BLDG MAINT	\$1,041.99	\$3,431.99
			SERVICE BLDG MAINT	\$2,390.00	
209265	101-7101-531.21-11	AMPEST EXTERMINATING & WILDLIFE	PEST CONTROL	\$625.00	\$625.00
209271	435-7101-531.31-85	ARLINGTON POWER EQUIPMENT	FORESTRY SUPPLIES	\$992.37	\$992.37
209272	101-7101-531.21-36	ARLINGTON RENTAL INC	SUPPLIES	\$122.20	\$122.20
209275	101-7101-531.22-70	AT & T	S667106106-17264	\$3,422.94	\$3,422.94
209276	101-7101-531.22-70	AT & T	ACCT 847Z9727849771	\$650.23	\$650.23
209277	101-7101-531.22-70	AT & T	ACCT 84725961248940	\$42.17	\$42.17
209278	101-7101-531.22-70	AT & T	ACCT 84757757951551	\$249.49	\$249.49
209279	101-7101-531.22-70	AT & T	ACCT 84757754538603	\$71.16	\$71.16

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Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209282	101-7101-531.22-70	AT & T	ACCT 84779713213488	\$42.20	\$42.20
209283	101-7101-531.22-70	AT & T	ACCT 84739271083278	\$42.20	\$42.20
209284	101-7101-531.22-70	AT & T	ACCT 84739208661733	\$44.51	\$44.51
209286	101-7101-531.22-70	AT & T	ACCT 84759060006156	\$883.08	\$883.08
209288	101-7101-531.22-70	AT & T	ACCT 84743978686650	\$84.31	\$84.31
209289	101-7101-531.22-70	AT & T LONG DISTANCE	CORP ID 2147713	\$514.41	\$514.41
209298	101-7101-531.31-55	BERKHEIMER CO INC	SERVICE BLDG MAINT	\$1,243.34	\$1,464.33
			SERVICE BLDG MAINT	\$87.30	
			SERVICE BLDG MAINT	\$133.69	
	101-7101-531.31-85	BERKHEIMER CO INC	SUPPLIES	\$175.58	\$175.58
209305	101-7101-531.31-55	BTU COMPANY INC	HARDWARE SUPPLIES	\$3,477.95	\$3,477.95
209308	101-7101-531.21-36	C C CARTAGE INC	RENTAL/LEASE EQUIPMENT	\$20,130.40	\$23,149.96
			RENTAL/LEASE EQUIPMENT	\$3,019.56	
	101-7101-531.21-62	C C CARTAGE INC	SERVICE DISPOSAL	\$9,171.90	\$9,171.90
209312	101-7101-531.21-02	CERTIFIED FLEET SERVICES INC	MAINTENANCE	\$400.00	\$400.00
209318	101-7101-531.21-11	CINTAS CORP	FLOOR MATS	\$102.87	\$223.14
			FLOOR MATS	\$27.59	
			FLOOR MATS	\$27.59	
			FLOOR MATS	\$65.09	
	101-7101-531.30-35	CINTAS CORP	CLOTHING	\$60.07	\$120.14
			CLOTHING	\$60.07	
209319	101-7101-531.21-55	CITY ESCAPE GARDEN CENTER & DESIGN	SERVICE MISCELLANEOUS	\$172.93	\$13,008.45
			SERVICE MISCELLANEOUS	\$317.21	

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Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209319	101-7101-531.21-55	CITY ESCAPE GARDEN CENTER & DESIGN	SERVICE MISCELLANEOUS	\$2,855.17	\$13,008.45
			SERVICE MISCELLANEOUS	\$2,855.17	
			SERVICE MISCELLANEOUS	\$2,855.17	
			SERVICE MISCELLANEOUS	\$2,470.50	
			SERVICE MISCELLANEOUS	\$1,482.30	
209321	101-7101-531.31-90	CLESEN ARTHUR INC	SUPPLIES	\$1,837.50	\$1,837.50
209325	101-7101-531.31-40	COLORBLEND	OFFICE SUPPLIES	\$862.40	\$862.40
209333	101-7101-531.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0211092232	\$120.00	\$120.00
209337	101-7101-531.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0297144471	\$32.48	\$32.48
209338	101-7101-531.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0297144471	\$2,766.12	\$2,766.12
209339	101-7101-531.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0297144471	\$486.64	\$486.64
209354	101-7101-531.30-35	DEPENDABLE FIRE EQUIPMENT	OFFICE SUPPLIES	\$497.81	\$497.81
209366	101-7101-531.21-55	FLECKS LANDSCAPING	LANDSCAPING SERVICE	\$2,555.00	\$2,555.00
	435-7101-571.50-55	FLECKS LANDSCAPING	LANDSCAPING SERVICE	\$2,338.40	\$2,338.40
209369	101-7101-531.21-02	FOUNTAIN TECHNOLOGIES LTD	MAINTENANCE	\$255.00	\$595.00
			MAINTENANCE	\$340.00	
209387	101-7101-531.21-02	HAYES MECHANICAL	SERVICE BLDG MAINTENANCE	\$335.00	\$10,536.21
			SERVICE BLDG MAINTENANCE	\$1,862.00	
			SERVICE BLDG MAINTENANCE	\$609.21	
			SERVICE BLDG MAINTENANCE	\$3,447.00	
			SERVICE BLDG MAINTENANCE	\$1,435.00	
			SERVICE BLDG MAINTENANCE	\$842.00	
			SERVICE BLDG MAINTENANCE	\$505.00	

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Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209387	101-7101-531.21-02	HAYES MECHANICAL	SERVICE BLDG MAINTENANCE	\$793.00	\$10,536.21
			SERVICE BLDG MAINTENANCE	\$273.00	
			SERVICE BLDG MAINTENANCE	\$435.00	
	101-7101-531.31-55	HAYES MECHANICAL	SERVICE BLDG MAINTENANCE	\$901.47	\$2,661.78
			SERVICE BLDG MAINTENANCE	\$1,760.31	
	401-7101-571.50-20	HAYES MECHANICAL	SERVICE BLDG MAINTENANCE	\$10,711.00	\$10,711.00
209389	101-7101-531.31-90	HELLER LUMBER CO	HARDWARE SUPPLIES	\$45.52	\$45.52
209391	101-7101-531.21-55	HENDRICKSEN ROBERT W COMPANY	SERVICE TREES	\$16,953.00	\$19,941.00
			LANDSCAPING SERVICE	\$2,988.00	
209392	101-7101-531.31-55	HOH CHEMICALS INC	LANDSCAPING SERVICE	\$643.41	\$643.41
209393	101-7101-531.31-45	HOME DEPOT CREDIT SERVICES	HARDWARE SUPPLIES	\$182.61	\$182.61
	101-7101-531.31-55	HOME DEPOT CREDIT SERVICES	HARDWARE SUPPLIES	\$15.31	(\$83.23)
			HARDWARE SUPPLIES	\$59.12	
			HARDWARE SUPPLIES	(\$157.66)	
	101-7101-531.31-65	HOME DEPOT CREDIT SERVICES	HARDWARE SUPPLIES	\$31.94	\$31.94
	101-7101-531.31-85	HOME DEPOT CREDIT SERVICES	HARDWARE SUPPLIES	\$616.16	\$672.07
			HARDWARE SUPPLIES	\$55.91	
209402	101-7101-531.31-45	HP PRODUCTS CORP	OFFICE SUPPLIES	\$2,040.81	\$2,040.81
209417	101-7101-531.21-11	INTL EXTERMINATORS INC	PEST CONTROL	\$60.00	\$413.00
			PEST CONTROL	\$60.00	
			PEST CONTROL	\$87.00	
			PEST CONTROL	\$147.00	
			PEST CONTROL	\$59.00	

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Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209424	101-7101-531.31-65	ASHLEY KARR	REIMBURSEMENT	\$195.86	\$195.86
209438	101-7101-531.21-02	LIONHEART CRITICAL POWER	SERVICE BLDG MAINTENANCE	\$953.00	\$953.00
209451	101-7101-531.21-02	MID AMERICAN ELEVATOR CO INC	SERVICE BLDG MAINTENANCE	\$1,298.00	\$1,298.00
209453	101-7101-531.21-55	MILIEU DESIGN LLC	SERVICE MISCELLANEOUS	\$2,254.89	\$4,509.78
			SERVICE MISCELLANEOUS	\$2,254.89	
209467	101-7101-531.31-75	NORTHWEST ELECTRICAL SUPPLY CO	LIGHTING SUPPLY	\$417.38	\$508.38
			LIGHTING SUPPLY	\$91.00	
209471	101-7101-531.31-90	ORANGE CRUSH LLC	SUPPLIES	\$730.78	\$730.78
209473	101-7101-531.22-70	PACIFIC TELEMAGEMENT SERVICES	TELECOMMUNICATIONS	\$85.80	\$85.80
209480	426-7101-571.50-25	PERFORMANCE CONSTRUCTION & ENG LLC	SERVICE CONSTRUCTION	\$6,017.22	\$6,017.22
209481	101-7101-531.30-35	PETTY CASH	UNIFORM PANTS	\$16.99	\$16.99
	101-7101-531.31-65	PETTY CASH	EVENT SUPPLIES	\$47.50	\$47.50
209483	101-7101-531.22-70	PRECISE MRM LLC	DATA PLAN / MONTHLY FEE	\$340.50	\$340.50
	401-7101-572.50-15	PRECISE MRM LLC	VEH MAINTENANCE SUPPLY	\$17,552.09	\$17,552.09
209489	101-7101-531.30-35	RED WING SHOE STORE	CLOTHING	\$456.43	\$991.37
			CLOTHING	\$161.49	
			CLOTHING	\$373.45	
209500	101-7101-531.21-55	SANDY'S LAWN AND TREE CARE	LANDSCAPING SUPPLIES	\$1,600.00	\$1,600.00
209501	101-7101-531.21-15	SCHROEDER AND SCHROEDER	SERVICE CONSTRUCTION	\$66,369.43	\$66,369.43
209502	101-7101-531.21-15	SCHROEDER ASPHALT	SERVICE CONSTRUCTION	\$154,357.56	\$154,357.56
209508	101-7101-531.31-55	SHERWIN ACE HARDWARE	HARDWARE SUPPLIES	\$12.99	\$27.77
			HARDWARE SUPPLIES	\$14.78	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209508	101-7101-531.31-75	SHERWIN ACE HARDWARE	HARDWARE SUPPLIES	\$29.97	\$29.97
	101-7101-531.31-80	SHERWIN ACE HARDWARE	HARDWARE SUPPLIES	\$19.98	\$19.98
	101-7101-531.31-90	SHERWIN ACE HARDWARE	HARDWARE SUPPLIES	\$4.99	\$4.99
209509	101-7101-531.31-40	SITEONE LANDSCAPE SUPPLY LLC	LANDSCAPING SUPPLIES	\$212.65	\$212.65
209512	101-7101-531.22-70	SOUND INCORPORATED	TELECOMMUNICATIONS	\$72.73	\$72.73
209514	101-7101-531.30-39	SPEEDWAY LLC	FUEL	\$92.73	\$92.73
209516	101-7101-531.31-55	STANDARD PIPE & SUPPLY INC	SERVICE BLDG MAINTENANCE	\$198.58	\$198.58
209517	101-7101-531.31-45	STATE CHEMICAL SOLUTIONS	HARDWARE SUPPLIES	\$1,068.93	\$1,068.93
209518	211-7101-571.50-40	STATE OF IL TREASURER	SERVICE PROFESSIONAL	\$22,815.00	\$22,815.00
209532	101-7101-531.31-80	TRAFFIC CONTROL & PROTECTION	SUPPLIES	\$1,590.00	\$1,590.00
209533	101-7101-531.31-75	TRAFFIC CONTROL CORP	LIGHTING SUPPLIES	\$9,234.00	\$9,234.00
209539	101-7101-531.21-02	VALLEY FIRE PROTECTION	SMOKE DETECT TEST VH	\$275.00	\$275.00
209550	101-7101-531.22-70	VERIZON WIRELESS	ACCT 64202486400001	\$252.88	\$252.88
209553	101-7101-531.21-55	WEST CENTRAL MUNICIPAL CONF	AGRICULTURAL SUPPLIES	\$52,448.00	\$123,739.00
			AGRICULTURAL SUPPLIES	\$71,291.00	
	101-7101-531.22-02	WEST CENTRAL MUNICIPAL CONF	MEMBER DUES	\$575.00	\$575.00
209556	101-7101-531.20-05	WILSON CONSULTING	INVOICE AUDIT	\$375.00	\$375.00
801674	101-7101-531.21-50	NICOR	ACCT 06802945268	\$25.11	\$5,097.21
			ACCT 15839647334	\$169.70	
			ACCT 1942640000	\$89.39	
			ACCT 25422686599	\$1,431.33	
			ACCT 28178600004	\$250.23	
			ACCT 38096400007	\$181.91	

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Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
801674	101-7101-531.21-50	NICOR	ACCT 38178600003	\$45.03	\$5,097.21
			ACCT 40178600009	\$27.24	
			ACCT 43278600000	\$117.97	
			ACCT 53278600001	\$113.50	
			ACCT 5561672610	\$1,300.31	
			ACCT 58401600000	\$160.76	
			ACCT 72489260108	\$172.42	
			ACCT 95407400000	\$518.54	
			ACCT 97034457784	\$493.77	
801675	101-7101-531.21-50	COMMONWEALTH EDISON COMPANY	ACCT 2985063029	\$89.74	\$1,146.59
			ACCT 4103039009	\$240.76	
			ACCT 4643388009	\$522.24	
			ACCT 5492508009	\$133.95	
			ACCT 8572043011	\$159.90	
901289	101-7101-531.22-05	CITIBANK	POSTAGE	\$494.54	
				Division 1 Total	\$558,906.67
				Department 71 Total	\$558,906.67

WARRANT REGISTER - GM0002**Department: 72 Water and Sewer****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209255	505-7201-561.31-60	ALEXANDER CHEMICAL CORP	CHLORINE GAS	\$1,285.00	\$2,620.00
			CHLORINE GAS	\$1,335.00	
209260	505-7201-561.30-01	AMAZON.COM	WHITEBOARD	\$60.53	\$60.53
	505-7201-561.31-65	AMAZON.COM	FLOOD BARRIER	\$111.20	\$631.17
			SHELF CLIPS	\$22.02	
			JACK	\$258.95	
			SAND BAGS	\$239.00	
	505-7201-561.31-85	AMAZON.COM	FLASHLIGHT & CHARGER	\$139.99	\$139.99
209280	505-7201-561.22-70	AT & T	ACCT 84743746858567	\$42.19	\$42.19
209281	505-7201-561.22-70	AT & T	ACCT 84743746842777	\$42.18	\$42.18
209285	505-7201-561.22-70	AT & T	ACCT 84759080850047	\$176.20	\$176.20
209287	505-7201-561.22-70	AT & T	ACCT 84759021056118	\$943.16	\$943.16
209294	505-7201-561.31-65	BATTERIES PLUS LLC	STA 16 GENERATOR BATTS	\$1,108.60	\$1,108.60
209295	505-7201-561.20-05	BAXTER & WOODMAN	MWRD GRANT	\$665.00	\$665.00
209306	505-7201-561.31-65	BUSHNELL INC	ANALYZER FITTING	\$4.17	\$4.17
209308	505-7201-561.21-62	C C CARTAGE INC	SERVICE DISPOSAL	\$5,200.00	\$5,200.00
209312	505-7201-561.21-02	CERTIFIED FLEET SERVICES INC	GENIE LIFT INSPECTION	\$400.00	\$400.00
209319	505-7201-561.21-30	CITY ESCAPE GARDEN CENTER & DESIGN	SERVICE MISCELLANEOUS	\$37.07	\$952.26
			SERVICE MISCELLANEOUS	\$67.99	
			SERVICE MISCELLANEOUS	\$529.50	
			SERVICE MISCELLANEOUS	\$317.70	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209326	505-7201-561.22-70	COMCAST CABLE	INTERNET	\$2.10	\$2.10
209327	505-7201-561.22-70	COMCAST PROCESSING CENTER	ACCT 8771100720983384	\$658.05	\$658.05
209330	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0789016039	\$658.57	\$658.57
209331	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0159027139	\$2,332.37	\$2,332.37
209332	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0405097038	\$3,528.50	\$3,528.50
209334	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0705092066	\$40.74	\$40.74
209335	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0522082015	\$793.11	\$793.11
209336	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0300013030	\$5,011.75	\$5,011.75
209342	505-7201-561.31-01	CORE & MAIN LP	WATER DIST SUPPLIES	\$394.00	\$4,700.00
			WATER DIST SUPPLIES	\$2,272.00	
			WATER DIST COPPER TUBING	\$2,034.00	
209344	505-7201-561.50-15	COURTESY ELECTRIC INC	SERVICE EQUIPMENT	\$106,830.00	\$106,830.00
209350	505-7201-561.21-25	DAHME MECHANICAL INDUSTRIES	SEWER RODDING/TV	\$705.50	\$705.50
209354	505-7201-561.30-35	DEPENDABLE FIRE EQUIPMENT	EAR PLUGS ETC	\$497.82	\$497.82
209379	505-7201-561.31-65	GRAINGER W W INC	HARDWARE SUPPLIES	\$293.59	\$293.59
209388	505-7201-561.21-35	HBK WATER METER SERVICE INC	SERVICE METER	\$3,585.62	\$3,585.62
	505-7201-561.31-02	HBK WATER METER SERVICE INC	WATER SEWER SYSTEM SUPPLY	\$17,200.00	\$30,562.72
			WATER SEWER SYSTEM SUPPLY	\$13,362.72	
209389	505-7201-561.31-07	HELLER LUMBER CO	SEWER SUPPLIES	\$101.36	\$101.36
	505-7201-561.31-55	HELLER LUMBER CO	WELL SHED 16 REPAIR	\$16.38	\$16.38
209394	505-7201-561.21-50	HOMEFIELD ENERGY	ACCT 0522082015	\$735.61	\$735.61
209396	505-7201-561.21-50	HOMEFIELD ENERGY	ACCT 0405097038	\$2,721.90	\$2,721.90

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209398	505-7201-561.21-50	HOMEFIELD ENERGY	ACCT 0300013030	\$3,719.16	\$3,719.16
209399	505-7201-561.21-50	HOMEFIELD ENERGY	ACCT 0789016039	\$641.60	\$641.60
209400	505-7201-561.21-50	HOMEFIELD ENERGY	ACCT 0159027139	\$168.14	\$168.14
209436	505-7201-561.30-50	LEAHY WOLF CO	DEEPWELL OIL	\$1,067.00	\$1,067.00
209450	505-7201-561.31-05	METROPOLITAN INDUSTRIES	PUMP PARTS	\$1,035.71	\$1,035.71
209462	505-7201-561.22-02	NORDIN DAVID	CDL REIMBURSEMENT	\$50.00	\$50.00
209467	505-7201-561.31-55	NORTHWEST ELECTRICAL SUPPLY CO	HAPP FARM LED SECURITY	\$169.99	\$169.99
209472	505-7201-561.31-90	OZINGA READY MIX CONCRETE INC	CONCRETE - SEWER REPAIR	\$1,116.50	\$1,928.00
			CONCRETE - SEWER REPAIR	\$811.50	
209478	505-7201-561.20-05	PDC LABORATORIES INC	WATER SAMPLES	\$450.00	\$450.00
209483	505-7201-561.22-70	PRECISE MRM LLC	DATE PLAN / MONTHLY FEE	\$340.51	\$340.51
209489	505-7201-561.30-35	RED WING SHOE STORE	CLOTHING & APPAREL	\$538.39	\$718.34
			CLOTHING & APPAREL	\$179.95	
209501	505-7201-561.21-30	SCHROEDER AND SCHROEDER	SERVICE CONSTRUCTION	\$20,436.47	\$20,436.47
209502	505-7201-561.21-30	SCHROEDER ASPHALT	SERVICE CONSTRUCTION	\$76,135.23	\$76,135.23
209506	505-7201-561.31-65	SEWER BOSS	EQUIPMENT, NON OFFICE	\$8,100.43	\$8,100.43
209508	505-7201-561.31-02	SHERWIN ACE HARDWARE	PLUMBING EQUIP FIXT,SUPP	\$49.00	\$64.75
			PLUMBING EQUIP FIXT,SUPP	\$13.96	
			PLUMBING EQUIP FIXT,SUPP	\$1.79	
	505-7201-561.31-07	SHERWIN ACE HARDWARE	HAND TOOLS-POWER/NON POW	\$5.99	\$5.99
	505-7201-561.31-55	SHERWIN ACE HARDWARE	PAINT & EQUIPMENT	\$14.97	\$14.97
	505-7201-561.31-85	SHERWIN ACE HARDWARE	HAND TOOLS-POWER/NON POW	\$9.99	\$9.99

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209516	505-7201-561.31-02	STANDARD PIPE & SUPPLY INC	METER REPAIR	\$83.79	\$617.15
			TRAIN STA METER REPAIR	\$125.25	
			WATER PROD. VALVE	\$408.11	
209527	505-7201-561.21-35	TAYLOR PLUMBING	SERVICE METER	\$9,457.00	\$9,457.00
209528	505-7201-561.31-02	TEST GAUGE & BACKFLOW SUPPLY	METER DEPT SUPPLIES	\$732.10	\$878.90
			BACKFLOW PARTS	\$146.80	
209538	505-7201-561.31-02	USA BLUEBOOK	GASKETS	\$32.86	\$57.35
			GASKETS NEW CONSTRUCT	\$24.49	
209560	505-7201-561.31-01	ZIEBELL WATER SERVICE PRODUCTS	WATER DIST SUPP	\$264.00	\$264.00
209561	505-7201-561.31-65	ZORO TOOLS INC	SENSING RELAY	\$70.00	\$70.00
801674	505-7201-561.21-50	NICOR	ACCT 04055600003	\$105.01	\$407.87
			ACCT 19278600002	\$161.61	
			ACCT 42567835683	\$27.49	
			ACCT 58544400003	\$26.92	
			ACCT 90920700003	\$86.84	
801675	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0087155164	\$96.89	\$1,404.28
			ACCT 0117046072	\$55.60	
			ACCT 0368380009	\$30.86	
			ACCT 0645171017	\$71.12	
			ACCT 0831076049	\$142.56	
			ACCT 1104021044	\$76.22	
			ACCT 1257044037	\$758.16	
			ACCT 1284169036	\$66.60	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
801675	505-7201-561.21-50	COMMONWEALTH EDISON COMPANY	ACCT 3973144001	\$106.27	\$1,404.28
				Division 1 Total	\$304,973.97
				Department 72 Total	\$304,973.97

WARRANT REGISTER - GM0002**Department: 73 Parking****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209360	235-7301-532.21-11	ECO CLEAN MAINTENANCE INC	SERVICE BLDG MAINT	\$453.84	\$1,346.52
			SERVICE BLDG MAINT	\$438.84	
			SERVICE BLDG MAINT	\$453.84	
Division 1 Total					\$1,346.52

Division: 2

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209257	235-7302-532.21-11	ALL WINDOW CLEANING SERV INC	VAIL GARAGE WINDOWS	\$1,160.00	\$1,160.00
209329	235-7302-532.21-50	COMMONWEALTH EDISON COMPANY	ACCT 4874331007	\$991.50	\$991.50
209360	235-7302-532.21-11	ECO CLEAN MAINTENANCE INC	SERVICE BLDG MAINT	\$1,437.16	\$4,263.98
			SERVICE BLDG MAINT	\$1,389.66	
			SERVICE BLDG MAINT	\$1,437.16	
209397	235-7302-532.21-50	HOMEFIELD ENERGY	ACCT 4874331007	\$2,843.08	\$2,843.08
209451	235-7302-532.21-02	MID AMERICAN ELEVATOR CO INC	VAIL GARAGE ELEVATOR	\$264.00	\$264.00
				Division 2 Total	\$9,522.56

Division: 3

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209257	235-7303-532.21-11	ALL WINDOW CLEANING SERV INC	EASTMAN GARAGE WINDOWS	\$960.00	\$960.00
209274	235-7303-532.21-50	AT & T	ACCT 84763200281737	\$1,226.51	\$1,226.51
209340	235-7303-532.21-50	COMMONWEALTH EDISON COMPANY	ACCT 4643395004	\$614.83	\$614.83
209360	235-7303-532.21-11	ECO CLEAN MAINTENANCE INC	SERVICE BLDG MAINT	\$1,437.16	\$4,263.98

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209360	235-7303-532.21-11	ECO CLEAN MAINTENANCE INC	SERVICE BLDG MAINT	\$1,389.66	\$4,263.98
			SERVICE BLDG MAINT	\$1,437.16	
801674	235-7303-532.21-50	NICOR	ACCT 12690400002	\$25.61	\$25.61
Division 3 Total					\$7,090.93

Division: 4

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209328	235-7304-532.21-50	COMMONWEALTH EDISON COMPANY	ACCT 0983023007	\$276.21	\$276.21
209360	235-7304-532.21-11	ECO CLEAN MAINTENANCE INC	SERVICE BLDG MAINT	\$453.84	\$1,346.52
			SERVICE BLDG MAINT	\$438.84	
			SERVICE BLDG MAINT	\$453.84	
209395	235-7304-532.21-50	HOMEFIELD ENERGY	ACCT 0983023007	\$698.76	\$698.76
801674	235-7304-532.21-50	NICOR	ACCT 92296400002	\$86.81	\$86.81
Division 4 Total					\$2,408.30
Department 73 Total					\$20,368.31

WARRANT REGISTER - GM0002**Department: 75 Municipal Fleet Services****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209256	621-7501-551.31-51	ALEXANDER EQUIPMENT CO INC	HARDWARE SUPPLIES	\$39.95	\$39.95
209260	621-7501-551.30-05	AMAZON.COM	OFFICE SUPPLIES	\$96.43	\$96.43
	621-7501-551.31-51	AMAZON.COM	HARDWARE SUPPLIES	\$79.90	\$274.81
			HARDWARE SUPPLIES	\$51.54	
			VEH MAINTENANCE SUPPLY	\$63.92	
			VEH MAINTENANCE SUPPLY	\$79.45	
			VEH MAINTENANCE SUPPLY	\$219.99	
	621-7501-551.33-05	AMAZON.COM	VEH MAINTENANCE SUPPLY	\$219.99	\$219.99
209268	621-7501-551.21-07	ARLINGTON CAR WASH & DETAIL	VEH MAINTENANCE SUPPLY	\$29.90	\$29.90
209270	621-7501-551.31-51	ARLINGTON HTS FORD	VEH MAINTENANCE SUPPLY	\$89.00	\$89.00
209271	621-7501-551.31-51	ARLINGTON POWER EQUIPMENT	VEH MAINTENANCE SUPPLY	\$70.40	\$131.18
			VEH MAINTENANCE SUPPLY	\$60.78	
209290	621-7501-551.31-51	ATLAS BOBCAT LLC	VEH MAINTENANCE SUPPLY	\$104.77	\$104.77
209291	621-7501-551.31-51	AUTO TECH CENTERS INC	VEH MAINTENANCE SUPPLY	\$1,070.70	\$2,083.68
			VEH MAINTENANCE SUPPLY	\$1,012.98	
209293	621-7501-551.31-51	BATTERIES PLUS LLC	VEH MAINTENANCE SUPPLY	\$322.60	\$707.73
			VEH MAINTENANCE SUPPLY	\$79.99	
			VEH MAINTENANCE SUPPLY	\$305.14	
209303	621-7501-551.21-02	BRISTOL HOSE & FITTING INC	VEH MAINTENANCE SUPPLY	\$272.17	\$272.17
	621-7501-551.31-51	BRISTOL HOSE & FITTING INC	VEH MAINTENANCE SUPPLY	\$17.65	\$87.23
			VEH MAINTENANCE SUPPLY	\$20.65	
			VEH MAINTENANCE SUPPLY	\$48.93	

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Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209310	621-7501-551.31-51	CAR QUEST	VEH MAINTENANCE SUPPLY	(\$28.63)	\$59.87
			VEH MAINTENANCE SUPPLY	\$4.87	
			VEH MAINTENANCE SUPPLY	(\$84.15)	
			VEH MAINTENANCE SUPPLY	(\$4.87)	
			VEH MAINTENANCE SUPPLY	(\$12.75)	
			VEH MAINTENANCE SUPPLY	(\$17.28)	
			VEH MAINTENANCE SUPPLY	\$102.39	
			VEH MAINTENANCE SUPPLY	\$91.11	
			VEH MAINTENANCE SUPPLY	\$9.18	
209311	621-7501-551.31-51	CATCHING FLUID POWER INC	HARDWARE SUPPLIES	\$84.97	\$260.38
			VEH MAINTENANCE SUPPLY	\$175.41	
209312	621-7501-551.21-07	CERTIFIED FLEET SERVICES INC	LIFE INSPECTION	\$400.00	\$16,779.22
			LIFT INSPECTION	\$735.00	
			LIFT INSPECTION	\$735.00	
			CRANE INSPECTION	\$435.00	
			LIFT INSPECTION	\$735.00	
			CRANE INSPECTION	\$435.00	
			VEH MAINTENANCE SUPPLY	\$435.00	
			SERVICE VEHICLE PARTS	\$11,927.05	
			VEH MAINTENANCE SUPPLY	\$942.17	
209314	621-7501-551.31-51	CHICAGO PARTS AND SOUND LLC	VEH MAINTENANCE SUPPLY	(\$35.00)	\$1,104.51
			VEH MAINTENANCE SUPPLY	(\$218.64)	
			VEH MAINTENANCE SUPPLY	\$144.86	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209314	621-7501-551.31-51	CHICAGO PARTS AND SOUND LLC	VEH MAINTENANCE SUPPLY	\$212.81	\$1,104.51
			VEH MAINTENANCE SUPPLY	\$218.64	
			VEH MAINTENANCE SUPPLY	\$134.40	
			VEH MAINTENANCE SUPPLY	\$218.64	
			VEH MAINTENANCE SUPPLY	\$106.51	
			VEH MAINTENANCE SUPPLY	\$33.49	
			VEH MAINTENANCE SUPPLY	\$26.15	
			VEH MAINTENANCE SUPPLY	\$35.18	
			VEH MAINTENANCE SUPPLY	\$33.59	
			VEH MAINTENANCE SUPPLY	\$39.98	
			VEH MAINTENANCE SUPPLY	\$153.90	
209318	621-7501-551.30-35	CINTAS CORP	CLOTHING	\$60.08	\$120.16
			CLOTHING	\$60.08	
209320	621-7501-551.21-02	CITY WELDING SALES & SERVICE	CYLINDER RENTAL	\$146.82	\$146.82
	621-7501-551.21-36	CITY WELDING SALES & SERVICE	CYLINDER RENTAL	\$121.86	\$121.86
209322	621-7501-551.21-02	CLEVELAND TRAMRAIL CHICAGO CO	VEH MAINTENANCE SUPPLY	\$542.00	\$542.00
209358	621-7501-551.31-51	DOUGLAS TRUCK PARTS INC	VEH MAINTENANCE SUPPLY	\$54.69	\$54.69
209367	621-7501-551.31-51	FORCE AMERICA	VEH MAINTENANCE SUPPLY	\$65.14	\$65.14
209375	621-7501-551.31-51	GLOBAL EMERGENCY PRODUCTS	VEH MAINTENANCE SUPPLY	\$305.81	\$305.81
209378	621-7501-551.21-02	GPM SYSTEMS	SERVICE BLDG MAINTENANCE	\$629.00	\$629.00
209390	621-7501-551.21-07	HENDERSON PRODUCTS INC	VEH MAINTENANCE SUPPLY	\$1,365.00	\$1,365.00
209405	621-7501-551.21-02	IL RECOVERY GROUP INC	VEH MAINTENANCE SUPPLY	\$73.73	\$73.73
	621-7501-551.31-51	IL RECOVERY GROUP INC	VEH MAINTENANCE SUPPLY	\$73.72	\$73.72

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209406	621-7501-551.21-07	IL SECRETARY OF STATE	VEHICLE REGISTRATION	\$101.00	\$101.00
209407	621-7501-551.21-07	IL SECRETARY OF STATE	TITLE FOR SEIZED VEHICLE	\$95.00	\$95.00
209408	621-7501-551.21-07	IL SECRETARY OF STATE	TITLE FOR SEIZED VEHICLE	\$196.00	\$196.00
209409	621-7501-551.21-07	IL SECRETARY OF STATE	TITLE FOR SEIZED VEHICLE	\$95.00	\$95.00
209410	621-7501-551.21-07	IL SECRETARY OF STATE	TITLE FOR SEIZED VEHICLE	\$95.00	\$95.00
209411	621-7501-551.21-07	IL SECRETARY OF STATE	TITLE FOR SEIZED VEHICLE	\$95.00	\$95.00
209435	621-7501-551.31-51	LEACH ENTERPRISES INC	VEH MAINTENANCE SUPPLY	\$364.53	\$364.53
209441	621-7501-551.21-08	MAACO COLLISION REPAIR & PAINTING	VEH MAINTENANCE SUPPLY	\$805.00	\$805.00
209446	621-7501-551.31-51	MC MASTER CARR SUPPLY CO	VEH MAINTENANCE SUPPLY	\$238.66	\$390.28
			VEH MAINTENANCE SUPPLY	\$151.62	
209455	621-7501-551.31-51	MPC COMMUNICATIONS & LIGHTING INC	VEH MAINTENANCE SUPPLY	\$75.00	\$75.00
209458	621-7501-551.31-51	NAPA HEIGHTS AUTOMOTIVE	VEH MAINTENANCE SUPPLY	\$7.38	\$7.38
209465	621-7501-551.21-07	NORTHWEST AUTO WASH	VEH MAINTENANCE SUPPLY	\$638.45	\$638.45
209468	621-7501-551.31-51	NORTHWEST TRUCKS INC	VEH MAINTENANCE SUPPLY	\$5.22	\$5.22
209476	621-7501-551.21-08	PARKSIDE AUTO BODY INC	VEH MAINTENANCE SUPPLY	\$599.00	\$599.00
209477	621-7501-551.31-51	PATLIN INC	VEH MAINTENANCE SUPPLY	\$59.94	\$59.94
209494	621-7501-551.31-51	INTERSTATE BILLING SERVICE INC	VEH MAINTENANCE SUPPLY	\$37.04	\$37.04
209496	621-7501-551.21-08	S & J AUTOMOTIVE LTD	VEH MAINTENANCE SUPPLY	\$390.90	\$390.90
209499	621-7501-551.21-02	SANDERS HARDWARE SUPPLY	VEH MAINTENANCE SUPPLY	\$88.00	\$88.00
209508	621-7501-551.31-51	SHERWIN ACE HARDWARE	HARDWARE SUPPLIES	\$9.99	\$9.99
209519	621-7501-551.31-51	IOWA MOLD TOOLING CO INC	VEH MAINTENANCE SUPPLY	\$119.28	\$119.28
209521	621-7501-551.21-07	SUBURBAN ACCENTS INC	VEH MAINTENANCE SUPPLY	\$170.00	\$170.00
	621-7501-551.21-08	SUBURBAN ACCENTS INC	VEH MAINTENANCE SUPPLY	\$75.00	

WARRANT REGISTER - GM0002

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209521	621-7501-551.21-08	SUBURBAN ACCENTS INC	VEH MAINTENANCE SUPPLY	\$450.00	\$525.00
209537	621-7501-551.21-07	UNIVERSAL HYDRAULIC SERVICES	FORKLIFT REPAIR	\$1,075.00	\$1,075.00
				Division 1 Total	\$31,875.76
				Department 75 Total	\$31,875.76

WARRANT REGISTER - GM0002**Department: 80 Pensions****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
901289	711-8001-631.22-05	CITIBANK	POSTAGE	\$83.72	\$83.72
				Division 1 Total	\$83.72
				Department 80 Total	\$83.72

WARRANT REGISTER - GM0002**Department: 90 Capital****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209421	505-9001-571.50-25	JETCO LTD	SERVICE CONSTRUCTION	\$227,064.60	\$227,064.60
209480	505-9001-571.50-25	PERFORMANCE CONSTRUCTION & ENG LLC	SERVICE CONSTRUCTION	\$141,826.08	\$141,826.08
				Division 1 Total	\$368,890.68

Division: 13

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209511	431-9013-571.50-25	SOIL & MATERIAL CONSULTANTS	SOIL TESTING	\$5,801.25	\$5,801.25
209558	431-9013-571.50-25	YPI ARLINGTON LLC	RENTAL/LEASE EQUIPMENT	\$21,896.88	\$21,896.88
				Division 13 Total	\$27,698.13
				Department 90 Total	\$396,588.81

WARRANT REGISTER - GM0002**Department: 99 Non Operating****Division: 1**

Check #	Account Number	Payee	Description 1	Transaction Amount	Total Trans Amount
209449	515-9901-525.40-83	METROPOLIS COMMERCIAL CONDO ASSN	CAM CHARGE	\$5,776.54	\$5,776.54
	515-9901-525.40-92	METROPOLIS COMMERCIAL CONDO ASSN	BUILDING RESERVE CHARGE	\$1,199.90	\$1,199.90
Division 1 Total					\$6,976.44
Department 99 Total					\$6,976.44
TOTAL ALL FUNDS:					\$2,257,075.78



Item: Report of the Committee-of-the-Whole Meeting of November 13, 2017

Department: Village Manager's Office

Report of the Committee-of-the-Whole Meeting of November 13, 2017

Arlington Heights Memorial Library Budget Review

Trustee Scaletta moved, seconded by Trustee LaBedz, that the Committee-of-the-Whole recommend to the Board of Trustees that the Board authorize staff to transfer \$2 million from the General Fund and to request a transfer of \$300,000 from the Arlington Heights Memorial Library to the Health Insurance Fund during 2017, to stabilize that self-insurance fund's reserves. The motion passed unanimously.

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:



Item: Report of the Committee-of-the-Whole Meeting of November 15, 2017-Tax Levy

Department: Village Manager's Office

Report of the Committee-of-the-Whole Meeting of November 15, 2017

Final Recommendation of Committee-of-the-Whole to Board of Trustees for the 2017 Property Tax Levy payable in 2018

Trustee Scaletta moved, seconded by Trustee Sidor that the Committee-of-the-Whole recommend to the Village Board to authorize staff to prepare the Village's and the Arlington Heights Memorial Library's 2017 Tax Levy Ordinance reflecting an estimated total tax levy of \$49,465,192 or a 2.61% increase over the 2016 extended tax levy for the Village and Library portion of the levy. The motion passed unanimously.

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:



Item: Report of the Committee-of-the-Whole Meeting of November 15, 2017-2018 Budget

Department: Village Manager's Office

Report of the Committee-of-the-Whole Meeting of November 15, 2017

Final Recommendation of Committee-of-the-Whole to Board of Trustees for the 2018 Budget

Trustee LaBedz moved, seconded by Trustee Blackwood that the Committee-of-the-Whole recommend to the Board of Trustees that the Board approve the proposed 2018 Budget as amended through the review process. The motion passed unanimously.

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:



Item: Report of the Committee-of-the-Whole Meeting of November 20, 2017-Interview of KRamsey

Department: Village Manager's Office

Report of the Committee-of-the-Whole Meeting of November 20, 2017

Interview of Kristyn Ramsey for Appointment to the Senior Citizens Commission
- Term Ending: 4/30/20

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:



Item: Report of the Committee-of-the-Whole Meeting of November 20, 2017-Interview of Nancy O'Donnell

Department: Village Manager's Office

Report of the Committee-of-the-Whole Meeting of November 20, 2017

Interview of Nancy O'Donnell for Appointment to the Special Events Commission
- Term Ending: 4/30/20

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:



Item: Report of the Committee-of-the-Whole Meeting of November 20, 2017-Interview of Diane Jamieson

Department:

Report of the Committee-of-the-Whole Meeting of November 20, 2017

Interview of Diane Jamieson for Appointment to the Special Events Commission
- Term Ending: 4/30/19

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:



Item: Ordinance - Code Amendment - Chapters 7 and 30 - Electronic Message Signs

Department: Planning/Legal

An Ordinance Amending Chapters 7 and 30 of the Arlington Heights Municipal Code
(Electronic Message Signs)

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:

ATTACHMENTS:

Description	Type
Electronic Message Signs	Ordinance

**AN ORDINANCE AMENDING CHAPTERS 7 AND 30
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 Chapter 7, Other Village Government Provisions, of the Arlington Heights Municipal Code, is hereby amended by adding the following fee at the end of Section 7-1111, Design Commission Fees:

Conditional Review of Electronic Message Signs \$500.00

SECTION TWO: That Chapter 30, Sign Regulations, of the Arlington Heights Municipal Code, is hereby amended as follows

a. That Section 30-101, Definitions, is hereby amended by adding the following definition:

14.5 Electronic Message Sign. A portion of a monument style ground sign on which the message, copy, graphics, or display can be changed by remote or automatic means, used to advertise a business, goods, and/or services that are available on the property on which the sign is placed.

b. That Articles VII, VIII and IX are hereby renumbered as Articles VIII, IX and X, respectively,

c. That the following Article VII is hereby added:

Article VII Electronic Message Signs

Section 30-701 Electronic Message Signs. Electronic Message Signs may be permitted but only in designated major arterial commercial corridors as identified in the maps attached at the end of this Article and in accordance with the regulations set forth in this Article.

Section 30-702 Conditional Review Process and Criteria. All applications for an Electronic Message Sign shall be submitted to the Design Commission for review. The Design Commission shall hold public meetings to evaluate whether the proposed Electronic Message Sign meets the criteria set forth below. The Design Commission shall make a recommendation which will be forwarded to the Village Board of Trustees, where the request may be granted, denied or modified.

- a. The Electronic Message Sign will not create a traffic hazard or demonstrable negative impact on nearby properties or be detrimental to the safety of persons residing or working in the vicinity; and
- b. The Electronic Message Sign will serve the best interests of the Village,

and will be desirable for the public convenience; and

- c. The design of the Electronic Message Sign is compatible with the essential character of the locality, such as the sign enclosure, materials and scale; and
- d. The business demonstrates a valid need for an Electronic Message Sign. The business must explain how the sign will be used, and why their business needs an Electronic Message Sign.

Section 30-703 Applications.

- a. All applications for Electronic Message Signs shall be submitted to and reviewed by the Design Commission.
- b. With the application, the Petitioner must submit one copy of the following information to the Department of Planning and Community Development along with electronic pdf files:
 - 1. A letter requesting the Electronic Message Sign stating the criteria for which an Electronic Message Sign must comply and how the proposal meets those;
 - 2. Plat of Survey;
 - 3. A detailed site plan including building locations, driveways, yards, setbacks, the proposed sign location and any existing signage with dimensions;
 - 4. Color photographs of subject property and surrounding properties including existing ground signs;
 - 5. Detailed drawings of the proposed sign, fully dimensioned and drawn to scale, including fully dimensioned scaled drawings and photographs of all existing signage;
 - 6. Manufacturer's product data and specifications for the Electronic Message Sign, including written certification verifying auto-dimming function set to .3 footcandles maximum above ambient lighting conditions;
 - 7. Written list of all sign materials;
 - 8. Samples of major sign materials including colors, textures and finishes being proposed;

9. At least three full color representative images illustrating the types of advertisements to be displayed on the sign;
10. Landscape Plan indicating the proposed landscaping located a minimum of two feet out from the sign base. The plan must be drawn to scale and list the species, quantity, and size of the proposed plant materials;

A copy of the recommendation of the Design Commission will be forwarded to the Village Board.

Section 30-704 Notification Requirements.

- a. An applicant for an Electronic Message Sign shall serve written notice, either in person, by certified mail, or by similar delivery service which provides proof of service, on the last known taxpayers and/or property owners of record as reflected in the county records, of all property within 250 feet in each direction of the property lines of the subject property for which approval of an Electronic Message Sign is being requested; provided the number of feet occupied by all public roads, alleys and other public ways shall be excluded in computing the 250 feet. Such notice must be served not less than seven days and not more than 30 days prior to the date set for the meeting of the Design Commission to review the request for an Electronic Message Sign. If any part of a condominium property is located within this distance, written notification shall be made to the condominium association. If no such association exists, the applicant must notify each individual taxpayer of record in the condominium property. If, after a bona fide effort to determine such by the applicant, the owner of the property on which the notice is to be served cannot be found, the notice requirements of this Section shall be deemed satisfied.

The required notices shall contain the address of the location for which the Electronic Message Sign is requested, a brief statement of the nature of the request, the name and address of the legal and beneficial owner of the property, and time and date on which the meeting shall be held. Not less than one day prior to the meeting date, the applicant shall furnish a written statement certifying that he or she has complied with the requirements of this subsection. Attached to the written statement shall be a list of all property owners notified in accordance with the above, the receipts of the certified mail or the signatures of the property owners acknowledging the personal visit of the applicant, the returned notices which were undeliverable by the post office, along with a copy of the notice sent to each of the individuals therein specified.

- b. Not less than 15 days prior to the date of the Design Commission meeting

at which the request for an Electronic Message Sign is to be discussed, the Applicant shall post a readable sign on the site where the Electronic Message Sign is intended to go. The Notice sign must be posted on private property adjacent to the roadway. This sign must be removed no later than ten days after completion of the final meeting. The required sign shall contain the current action requested, the date, time, and place where the meeting shall be held, a statement that further information can be obtained from the applicant and the Planning Department of the Village of Arlington Heights. The words "NOTICE OF PUBLIC MEETING" must appear at the top of the sign in letters no smaller than 1.5 inches. All costs associated with the sign are to be borne by the Petitioner. See the following exhibit for an example of a notice sign.

NOTICE OF PUBLIC MEETING

**MEETING FOR: CONDITIONAL REVIEW FOR AN
 ELECTRONIC MESSAGE SIGN**

**MEETING LOCATION: ARLINGTON HEIGHTS
 MUNICIPAL BUILDING
 33 South Arlington Heights Road**

DATE: (Fill in meeting date) **TIME:** (Fill in meeting time)

PUBLIC ATTENDANCE AND COMMENTS INVITED

FOR DETAILS CALL:

Fill in Petitioner's	or	Village of Arlington Heights
name and phone number		Department of Planning & Community
		Development
		847-368-5200

Section 30-705 Standards for Electronic Message Signs. The following standards apply to all Electronic Message Signs:

- a. Ground Signs Only. Electronic Message Signs are only permitted on monument style, ground signs and the ground sign cannot be taller than ten feet. All other requirements for ground signs as set forth in this Chapter shall apply, unless a more specific requirement is listed in this Article, in which case the requirement in this Article applies.
- b. Display. Only high resolution, full color electronic displays are allowed, and must be maintained in "like new" operating condition, or cease operation of the sign.
- c. Size. Electronic Message Signs must be incorporated as part of a conventional monument style ground sign which displays the business

name or use. The electronic portion of the sign must be the lower portion of the sign. The maximum size of an Electronic Message Sign shall be no more than 33% of the allowable ground sign size as set forth in the table below. The maximum allowable area of a ground sign is determined on the basis of the width and posted speed limit of the public right-of-way abutting the property on which the sign is located as set forth in the table below:

POSTED SPEED LIMIT

WIDTH OF PUBLIC RIGHT-OF-WAY	35 MILES PER HOUR OR LESS	OVER 35 MILES PER HOUR
UP TO 66 FEET	40 SQ. FT. TOTAL SIGN AREA PER FACE	60 SQ. FT. TOTAL SIGN AREA PER FACE
OVER 66 FEET	66 SQ. FT. TOTAL SIGN AREA PER FACE	80 SQ. FT. TOTAL SIGN AREA PER FACE

- d. Quantity. Only one electronic message sign per property is permitted.
- e. Spacing. There must be a minimum 300 feet spacing between Electronic Message Signs on the same side of any street.
- f. Separation from Residential. Electronic Message Signs are not permitted within 300 feet of any property being used for a residential use.
- g. Orientation. All Electronic Message Signs must be oriented perpendicular to the roadway to minimize the impact on properties directly across the street from the location of the sign.
- h. Operational Standards. The following operational standards apply to all Electronic Message Signs:
 - 1. The sign shall have static display only. No scrolling, fading, flashing, animation, or video is permitted, nor is any sound permitted.
 - 2. Messages must be displayed for a minimum of 10 seconds.
 - 3. The sign must use auto-dimming photocell technology so that the display brightness automatically adjusts based on ambient lighting conditions. Brightness shall be limited to .3 footcandles maximum above ambient lighting conditions at the established measurement distance based on the size of the sign, using the following formula:

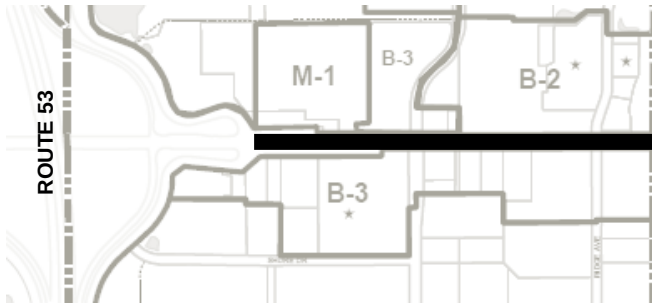
$$\text{Measurement Distance} = \sqrt{\text{Area of Sign Sq. Ft.} \times 100}$$

For example, for a ground sign that measures a total of 40 square feet, of which 13.2 square feet is an Electronic Message Sign, the lighting conditions will be measured at 36 feet from the sign.

Written certification from the manufacturer must be provided with the application which verifies the auto-dimming function in accordance with the requirements in this paragraph. Verification of compliance with the brightness standard will be accomplished using a footcandle illuminance meter based on procedures as established by the International Sign Association.

4. Off-premises advertising is not allowed.
5. All Electronic Message Signs are only permitted to be illuminated the same hours that the business the sign represents is open.

Designated Commercial Corridors for Electronic Message Signs



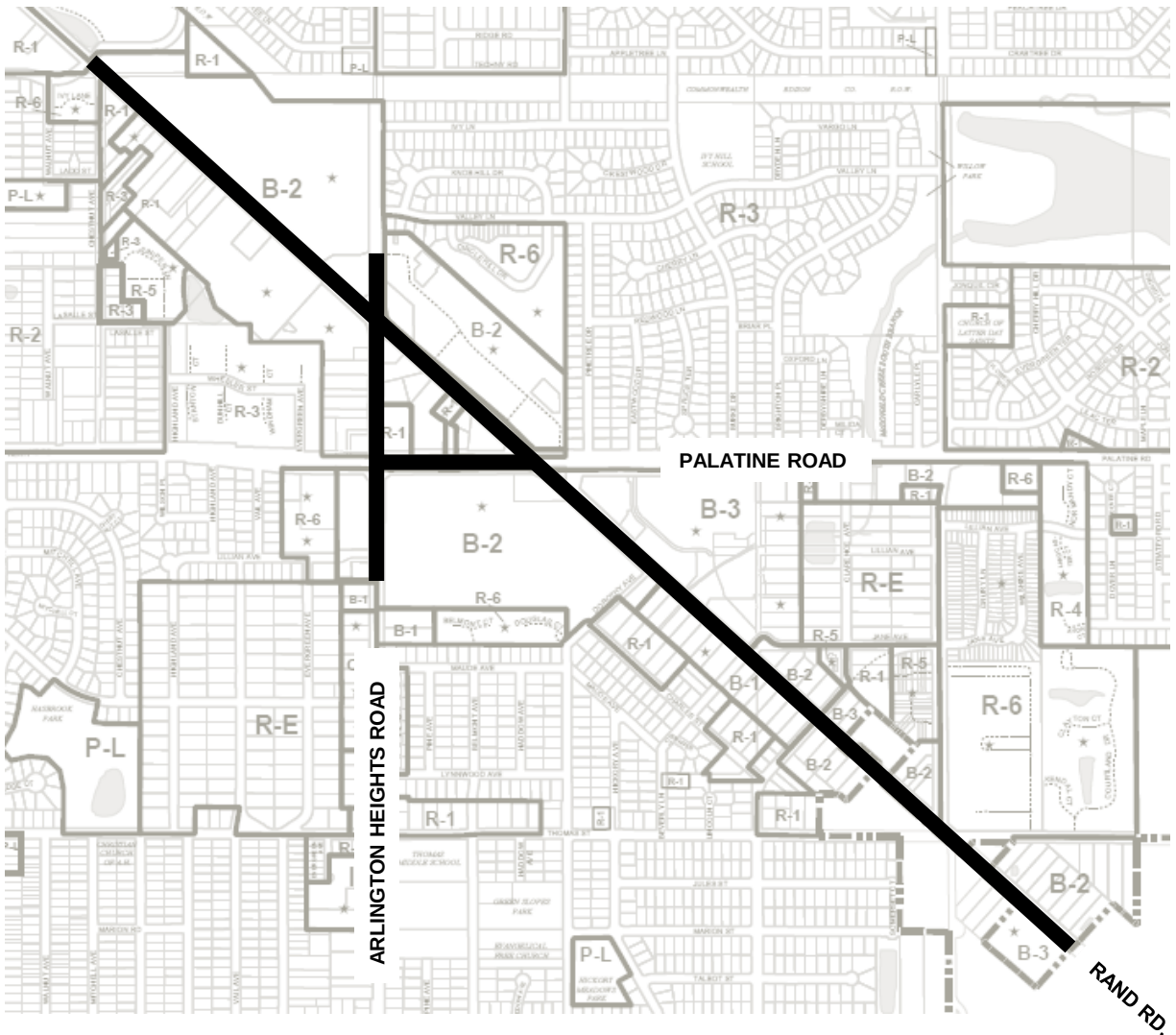
DUNDEE ROAD

MAP LEGEND



INDICATES PERMITTED
LOCATIONS FOR
ELECTRONIC MESSAGE SIGNS

Map 1: Dundee Road Corridor



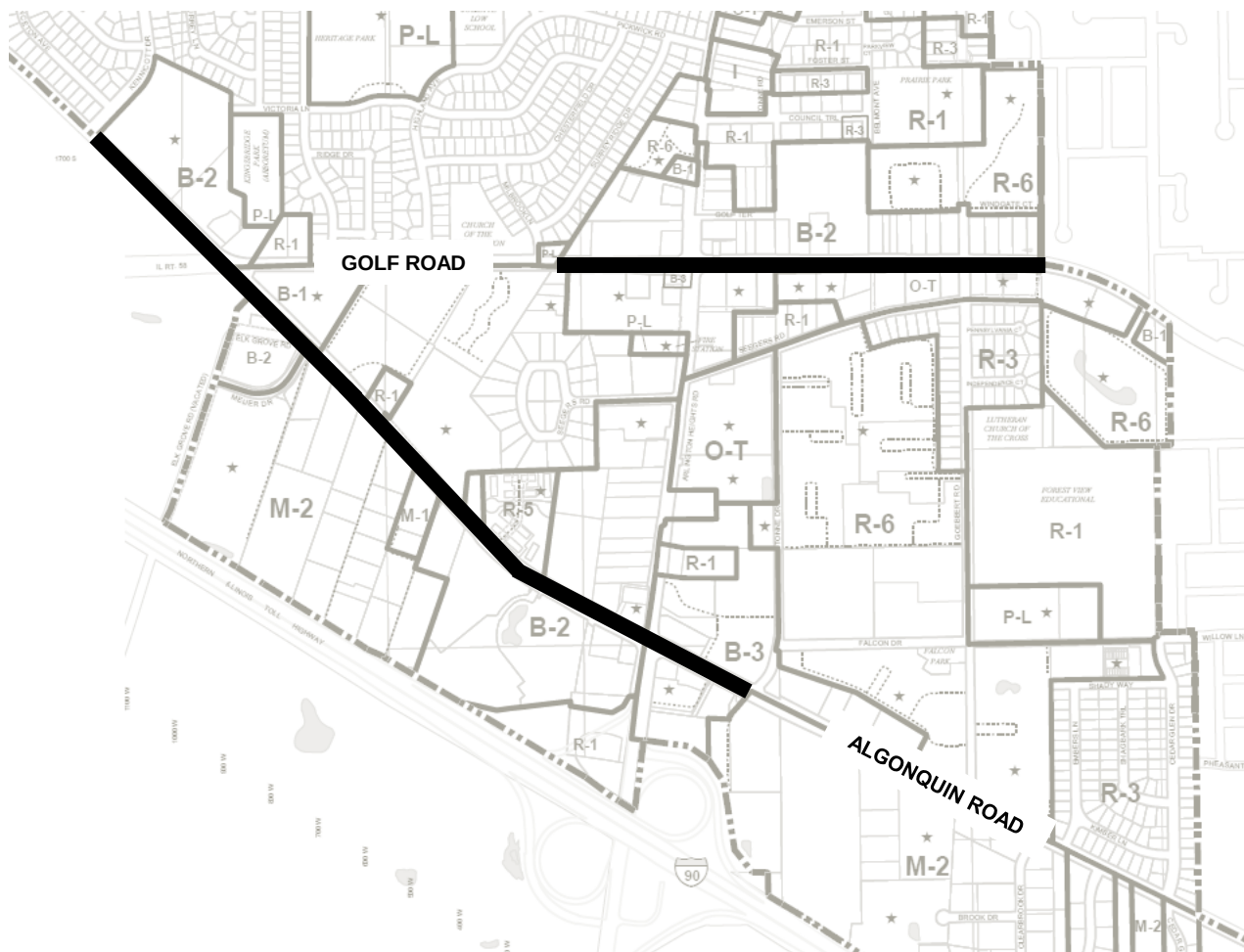
PALATINE ROAD

ARLINGTON HEIGHTS ROAD

RAND RD.

Map 2: Rand Road, Palatine Road, and Arlington Heights Road Corridors

Designated Commercial Corridors for Electronic Message Signs



Map 3: Algonquin Road, Golf Road, and Arlington Heights Road Corridors

MAP LEGEND

**INDICATES PERMITTED
LOCATIONS FOR
ELECTRONIC MESSAGE SIGNS**

SECTION THREE: The various provisions of this Ordinance are to be considered severable, and if any part of this Ordinance is held invalid by any court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Ordinance.

SECTION FOUR: This Ordinance repeals all ordinances or parts of ordinances in conflict with the provisions hereof, and shall be in full force and effect after its passage, approval and publication in pamphlet form, in the manner provided by law.

AYES:

NAYS:

PASSED AND APPROVED this 20th day of November, 2017.

ATTEST:

Village President

Village Clerk



Item: Ordinance - Code Amendment - Class "E" liquor license

Department: Manager/Legal

An Ordinance Amending Chapter 13 of the Arlington Heights Municipal Code (Section 13-502, Fees and Number of Licenses, making available a Class "E" liquor license)

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:

ATTACHMENTS:

Description	Type
Class "E" liquor license	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 Municipal Code of Arlington Heights, pertaining to the number of liquor licenses, is hereby amended to increase the number of Class "E" liquor licenses authorized, with the amended entry for Class "E" licenses to read as follows:

CLASS OF LICENSE	ANNUAL LICENSE FEE	NUMBER OF LICENSES AUTHORIZED
E	\$2,700.00	17

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 20th day of November, 2017.

Village President

ATTEST:

Village Clerk



Item: St. Edna Church - 2525 N. Arlington Heights Rd. - PC#17-010

Department: Planning & Community Development

Requested Action

Amendment to PUD Ordinance #02-005.

Variations Required

Chapter 28, Section 11.4, Schedule of Required Parking, to allow 377 parking spaces where code requires 627 parking spaces.

Recommendation

A public hearing was held by the Plan Commission on October 25, 2017 where Commissioner Dawson moved and Commissioner Jensen seconded:

A motion to recommend approval to the Village Board of Trustees of PC#17-010, an amendment to PUD Ordinance #02-005, and the following variation:

1. Chapter 28, Section 11.4, Schedule of Required Parking, to allow 377 parking spaces where code requires 627 parking spaces.

This approval shall be subject to the following conditions:

1. Compliance with all Design Commission requirements as identified during the September 26, 2017, Design Commission meeting.

2. Provide additional landscaping adjacent to the proposed parking lot on the east side, including 3 or 4 additional upright junipers at the end of the drive aisle between the Hick Yews.

3. Prior to consideration by the Village Board, the petitioner shall provide the Engineering Department with the detention calculations for the property, for the review and approval by the Engineering Department.

4. If parking beyond what is provided for the church and its ancillary functions is insufficient as determined by the Village, then the Petitioner shall work with the Village to develop and implement a parking mitigation plan that may include, but

shall not be limited to, operational restrictions, and/or the installation of additional parking or other parking accommodations located elsewhere on site.

5. The applicant shall comply with all applicable Federal, State, and Village Codes, Regulations, and Policies.

Roll Call Vote: Commissioners Cherwin, Dawson, Jensen, Sigalos and Acting Chair Lorenzini voted in favor. Motion carried.

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount:

ATTACHMENTS:

Description	Type
PC Staff Report	Board or Commission Report
PC Minutes 10/25/17	Minutes
Aerial	Exhibits
Plat & Sub Minutes 11/18/15	Minutes
Design Commission Minutes 9/26/17	Minutes
Design Commission Staff Report	Board or Commission Report
Project Narrative & Justification	Correspondence
Plans	Exhibits
Traffic & Parking Study	Exhibits
Parking Study Addendum	Correspondence
Neighborhood Meeting Summary	Correspondence
Department Comments - Round 1	Correspondence
Petitioner Response to Department Comments - Round 1	Correspondence
Department Comments - Round 2	Correspondence
PC Timeline Tracker	Exhibits



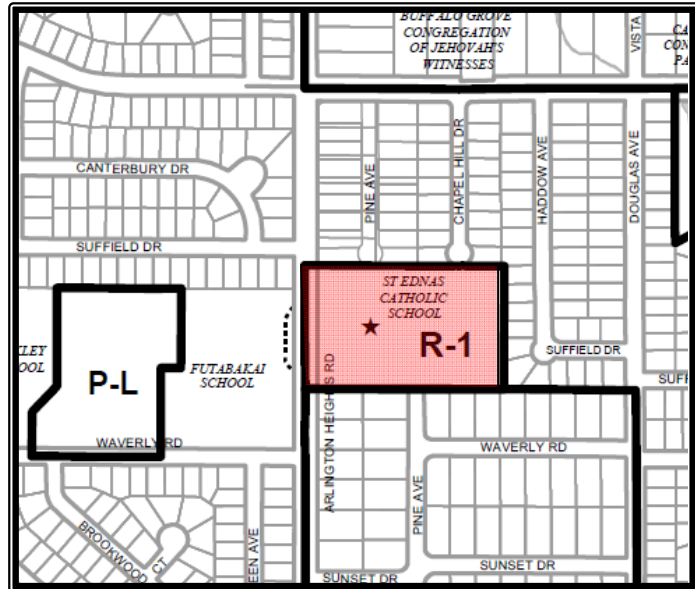
VILLAGE OF ARLINGTON HEIGHTS **STAFF DEVELOPMENT** **COMMITTEE REPORT**

File Number: PC# 17-010
Project Title: St. Edna's Catholic Church
Address: 2525 N. Arlington Heights Rd.
PIN: 03-17-101-019

To: Plan Commission
Prepared By: Sam Hubbard,
 Development Planner
Meeting Date: October 25, 2017
Date prepared: October 20, 2017

Petitioner: Susan Maish
Address: 350 S. Northwest Highway
 Suite 106
 Park Ridge, IL 60068

Existing Zoning: R-1, One-Family Dwelling
 District



SURROUNDING LAND USES

Direction	Existing Zoning	Existing Use	Comprehensive Plan
North	R-3, One Family Dwelling	Single Family Homes	Single Family Detached
South	R-E, One Family Dwelling	Single Family Homes	Single Family Detached Estate
East	R-3, One Family Dwelling	Single Family Homes	Single Family Detached
West	R-3, One Family Dwelling	Existing School	Schools

Requested Action:

1. Amendment to PUD Ordinance #02-005.

Variations Required:

1. Chapter 28, Section 11.4, Schedule of Required Parking, to allow 377 parking spaces where code requires 627 parking spaces.

Project Background:

The subject site is 8.03 acres (349,787 square feet) and includes the 995 seat sanctuary, and the Doherty Center and Hurley Center totaling 41,700 square feet of building area. In 2001, the project appeared before the Plan Commission for a Planned Unit Development, which included the construction of the narthex of the church as well as a parking lot expansion. The existing parking lot has 339 parking stalls in the main area, and 17 additional spots which were built after the rectory was demolished in 2013, for a total of 356 stalls.

In 2013 the PUD was amended to allow for a new 10,800 square foot Parish Center and remodeling of the Hurley and the Doherty Centers, a revised northeast detention area and new southwest detention area, and 23 new parking spaces to replace 17 existing spaces (for a total of 362 stalls). A variation of 228 spaces for parking to permit 362 spaces where 590 is required was approved. Since 2013, the former rectory building has been demolished to prepare for the new Parish Center, however the project did not move forward at that time due to funding. Because construction did not begin, the 2013 PUD Amendment has lapsed and is no longer valid.

The Petitioner now has funding in place for the proposed improvements, and has made some modifications to the plans since the 2013 approvals. The key changes are outlined in the table below:

	2013 Approval	Current Proposal
Parish Center Size	10,800 sq. ft.	13,700 sq. ft.
Total number of parking spaces	362	377
Front Yard Setback (west)	190	190'
Rear Yard Setback (east)	157'	139'
Side Yard Setback (north)	229'	213'
Side Yard Setback (south)	34'*	34'
Building Height	28'-2"	29'-10"
Congregation Size	3,077 families	2,928 families
Average Weekend Attendance	2,550	1,900

*34' side yard setback was granted a Variation in 2001

Although the project has had some modifications from the approval as granted in 2013, the programing for use of the space remains as proposed in 2013. The size of the Parish Center addition has increased by roughly 26% and will include 13,700 square feet, compared to the originally approved size of 10,800 square feet.

The petitioner has provided a project narrative which has been included in the Plan Commission packet that explains the history of the site and the proposal. Operationally, St. Edna's has a congregation size of 2,928 families (8,994 persons) and an employment base of 17 (15 employees + 2 priests) full and part-time people. Although the facility does not have a private school, religious education for adults and children is held throughout the week. In addition, St. Edna's has several leadership programs (i.e. Ministries, Separation/Divorce, bereavement, family life, etc) that are held once or twice a month during the weekday evenings. Religious services are held Monday through Friday at 6:45 AM and 8:00 AM, Saturday at 9:00 AM and 5:00 PM, and Sunday at 7:30 AM, 9:30 AM, 11:30 AM, and 5:30 PM with a combined Saturday and Sunday average total attendance of 1,900 people.

The proposed action, if approved, would allow St. Edna's to construct a new 13,700 square foot parish center, modify the existing parking lot from 356 spaces to 377 spaces, and reconfigure the existing detention basin

at the northeast corner of the site and add new capacity at the southwest corner of the site. The new Parish Center will be used for large social functions such as an appreciation dinners, lunches, and breakfasts; musicals; theater presentation; youth ministries; and athletic functions to name a few, that are currently occurring within the existing multi-purpose space in the Church building. This new facility consists of a 6,540 square foot multi-purpose room, a 1,475 square foot performing arts platform and a full kitchen. The remaining spaces are devoted to corridor, mechanical, storage, and washroom space. The Parish Center will also be connected to the existing church building via a fully enclosed vestibule. It should be noted that the master plan floor plan identifies interior modifications that the Church hopes to complete when funding is available. These modifications include rearranging the multi-purpose rooms in the Doherty Center and the construction of a youth room in the basement of the existing facility. This will need to be submitted for a building permit when the work is proposed. However, the parking requirements for the facility have taken these modifications into consideration. To address potential neighborhood concerns, the Parish has indicated in writing that it is not their intention to rent out the new facility for use by entities that are not affiliated with the St. Edna's. Furthermore, the Church has indicated that the new facility will not result in an increase to the number of employees or a change to the current Parish programming.

Zoning and Comprehensive Plan

The subject property is located within the R-1 One-Family Dwelling residential zoning district, which allows churches and religious uses by right. In addition, the existing land use is consistent with the Village's Comprehensive Plan, which designates the subject site as "Institutional". However, due to the expiration of the previous PUD amendment that was approved in 2013, and given the proposed changes to the floor plans, an amendment to the underlying PUD is required as the changes constitute a modification to the prior approval.

The proposed building complies with all bulk, height, setback, and lot coverage restrictions. One variation is needed, which relates to parking and will be discussed in the Traffic and Parking section of this report.

Plat and Subdivision Meeting

On November 18, 2015, the applicant appeared before the Plat and Subdivision Committee to present their proposed PUD Amendment. In general, the three Commissioners in attendance were generally supportive of the proposed project. At that meeting, the petitioner outlined that they were intending to construct a new rectory on the subject property. However, the proposed rectory has been eliminated from the scope of the project and the Church believes that the existing rectory, which is located off-site, is sufficient for their needs at this time. A copy of the meeting minutes has been attached.

Neighborhood Meeting

On October 17, 2017, St. Edna's hosted a neighborhood meeting for nearby residents to inform them of the proposed development and to obtain their preliminary feedback. A copy of the meeting discussion, as prepared by the petitioner, is within the packet provided to the Plan Commission.

Design Commission

The Design Commission met on September 26, 2017, to discuss the proposed church addition. The Design Commission voted to approve the project, subject to one requirement, that the kitchen vent on the northwest corner of the building be screened from view. The minutes from this meeting have been attached. A condition of approval to comply with the Design Commission motion has been included within Staff's recommendation.

Site Plan / Storm Water Management

The storm water detention that services the site, which was modified in 2001, will be modified to accommodate the proposed changes to the site and new MWRD requirements. The petitioner is proposing to increase the size of the existing detention area located in the northeast corner of the lot, and will construct a small detention area in the southwest corner of the lot. The petitioner has yet to provide final detention calculations to the Village. While the project has remained generally similar in size to the approved plans from 2013, given that there is an increase in the amount of impervious surfaces, the Engineering Department wants to verify that all detention regulations can be met. Therefore, staff is recommending that these calculations be provided for staff review and approval prior to Village Board consideration of the project.

Traffic and Parking

As required, the Petitioner provided a Traffic and Parking study prepared by Eriksson Engineering. The document is a copy of the 2013 Traffic and Parking study that was done for the project when it received its original approval at that time. Eriksson Engineering has provided a cover letter explaining that the findings in the study are still applicable as the project remains essentially the same relative to the use; although the size of the building has increased slightly, there is a negligible impact on peak traffic generation and parking demand as the use of the Parish Center and Church building will never be concurrent. Additionally, Eriksson Engineering prepared a parking survey of the existing parking lot and the lot across Arlington Heights Road (Futabakai School) which is used by the Church on a Sunday from 9 AM – Noon and a Tuesday from 4 PM – 6 PM. It should be noted that the hours of the Sunday counts included the two heaviest attended services, historically. The Peak Parking Demand was at 10:15 AM on Sunday, with a total of 309 parking stalls occupied, 11 of which were at the Futabakai School across Arlington Heights Road. The Study also noted that the Church currently hires the Police Department to direct traffic at all Sunday morning services.

According to Village Code, the total parking demand is based on the collective parking requirement for each of the different uses within the facility (Chapter 28, Section 11.2-6, Collective Provision). This parking methodology has been consistently applied to other similar projects. Please refer to the following table, which outlines the parking requirements for the building, including the new addition.

Table I – Parking Calculations

Building	Uses	# of Seats/Square Footage	Parking Ratio	Parking Required
Church	Nave	995	1 space/5 seats	199
	Choir	35	1 space/5 seats	7
	Narthex	130	1 space/5 seats	26
	Community Room	990	30% of occupancy	20
Doherty	Multi-purpose Rooms	5,835	30% of occupancy	117
Hurley	Offices	4,485	1 space/300 sq. ft.	15
	Multi-purpose Rooms	4,158	30% of occupancy	83
Parish Center	Multi-purpose Rooms	8,014	30% of occupancy	160
TOTAL REQUIRED				627
TOTAL PROVIDED				377
SURPLUS/(DEFICIT)				(250)

Since the proposal includes 377 parking spaces where 627 are required, the following variation is required:

- **A variation from Chapter 28, Section 11.4, Schedule of Required Parking, to allow a reduction to the minimum number of required parking stalls from 627 to 377 spaces.**

The Staff Development Committee has reviewed the proposed variation and the Petitioner's response to the hardship criteria (as provided in the Plan Commission packet) and is supportive of the variation for the following reasons:

- i. The petitioner has provided a traffic and parking study that indicates a peak demand of 309 parking stalls needed on site. This count was taken in the fall which, according to the Church, is the heaviest attended season.
- ii. The Church has provided information on mass attendance numbers relative to 2013 and 2017 and found that the average attendance has been shrinking. In addition, the size of the congregation has gotten smaller since the original approval in 2013.
- iii. The Church has been utilizing the District 25 parking lot across Arlington Heights Road for parking, if needed, however there is no formal agreement at this time. It should be noted that a condition of the PUD from 2001 was that "The petitioner shall continue to pursue a perpetual shared parking agreement with the property owner of the facility located directly across from the petitioner on the west side of Arlington Heights Road." This condition is still applicable; however, based on actual parking demand data, off-site parking is not necessary at this time.
- iv. The way in which parking has been calculated is based on full use of the facility at the same time. However, the Church has indicated that they will not run two large-scale programs at the same time (e.g. a church service and a parish breakfast). The Petitioner has indicated that these functions are for the parishioners and would not program events so the parishioner would need to choose between two events. However, the following condition is recommended, in the event the Church attendance does grow or parking becomes an issue in the area: "If parking beyond what is provided for the church and its ancillary functions is insufficient as determined by the Village, then the Petitioner shall work with the Village to develop and implement a parking mitigation plan that may include, but shall not be limited to, operational restrictions, and/or the installation of additional parking or other parking accommodations located elsewhere on site." This condition is consistent with conditions placed on other similar uses.
- v. The current service times on Sunday have been modified since the last renovation in 2002. The Church has since changed their schedule to allow two hours between each mass start time, eliminating overlap in the parking lot.
- vi. A minimal parking lot expansion has also results in the preservation of additional mature trees on site.

It should be noted that the petitioner is proposing parking lot lighting in the new parking lot. The petitioner has indicated that the proposed photometrics will meet the Village's standards. A photometric plan has been provided which indicated a level 0 spillover onto the adjacent properties from the new lights, which is compliant with Village regulations.

Building Review

The proposed Parish Center has been reviewed positively by the Design Commission. The Parish Center will incorporate the same architectural style and building elements that are used on the existing structure, though it will be constructed of pre-cast panels with a thin brick veneer at the base. An accent band is proposed on the west elevation that ties the architecture in nicely with the St. Edna's logo. The height of the

structure from the average finished elevation is 29'10" as measured to the top of the roof structure, and the southern end of the building tapers down in height to 23'-4". The maximum allowable height for churches within any residential zoning district is 45', per Section 5.3-2 of the Zoning Code.

Landscape & Tree Preservation Related Issues

The site is currently developed with a parking lot that contains all of the required trees in the landscape island. The petitioner has provided an existing tree survey that identifies at least 55 trees on site, not including the trees located within the existing landscape islands. Of those trees, 7 are proposed to be removed, all as a result of grading in the detention areas or construction occurring around the proposed Parish Center. Two of the trees are Ash trees. The remaining trees require a replacement value of 24 trees. The proposed landscape plan provides the incorporation of 46 new trees (shade, evergreen and ornamental). The majority of the proposed trees are scattered throughout the northeast corner of the site, surrounding the proposed Parish Center, parking lot and detention basin. Foundation landscaping is also proposed around the north and west elevations of the building. Native plantings are proposed for the detention areas. Additional plantings in the detention areas may be required to comply with MWRD regulations.

Three HVAC units are proposed in conjunction with the proposed addition. One will be located along the north elevation and recessed from the surrounding grade to meet the finished floor level. The other two are proposed at the northeast and southeast corners of the building. They will be buffered by a 8' tall wood fence structure, which will completely screen the units. The fence will be buffered with additional landscape plantings, which will help with noise mitigation. The petitioner has provided a written analysis of the expected noise from the units and determined that their impact will be minimal for the following reasons: 1) the units are setback over 150' from the closest home, 2) the fence and landscaping will help to mitigate the noise, and 3) the expected decibels output from the units would be less than the ambient sound made by a refrigerator as measured at the boundary of the closest residential property.

Finally, the proposed parking lot will be screened on the north and east by a densely planted row of 36" Yews, and other ornamental shrubs such as forsythia and knockout roses and 6-8' tall evergreen trees. In addition, there are trees that are proposed along the north property line and toward the east side of the proposed parking lot. Staff has recommended additional plantings at the edge of one of the drive aisle to further buffer potential headlight glare to the east.

RECOMMENDATION

The Staff Development Committee recommends approval of the proposed PUD amendment and parking variation and recommends approval of the project, subject to the following conditions:

1. Compliance with all Design Commission requirements as identified during the September 26, 2017, Design Commission meeting.
2. Provide additional landscaping adjacent to the proposed parking lot on the east side, including 3 or 4 additional upright junipers at the end of the drive aisle between the Hick Yews.
3. Prior to consideration by the Village Board, the petitioner shall provide the Engineering Department with the detention calculations for the property, for the review and approval by the Engineering Department.
4. If parking beyond what is provided for the church and its ancillary functions is insufficient as determined by the Village, then the Petitioner shall work with the Village to develop and implement a parking mitigation plan that may include, but shall not be limited to, operational restrictions, and/or the installation of additional parking or other parking accommodations located elsewhere on site.

5. The applicant shall comply with all applicable Federal, State, and Village Codes, Regulations, and Policies.

October 20, 2017

Bill Enright, Deputy Director of Planning and Community Development

Cc: Randy Recklaus, Village Manager
All Department Heads

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PLAN

REPORT OF THE PROCEEDINGS OF A PUBLIC HEARING
BEFORE THE VILLAGE OF ARLINGTON HEIGHTS
PLAN COMMISSION

COMMISSION

RE: ST. EDNA CHURCH - 2525 NORTH ARLINGTON HEIGHTS ROAD - PC#17-010
PUD AMENDMENT

REPORT OF PROCEEDINGS had before the Village of
Arlington Heights Plan Commission Meeting taken at the Arlington Heights Village
Hall, 33 South Arlington Heights Road, 3rd Floor Board Room, Arlington Heights,
Illinois on the 25th day of October, 2017 at the hour of 7:39 p.m.

MEMBERS PRESENT:

JOE LORENZINI, Acting Chairman
LYNN JENSEN
SUSAN DAWSON
JOHN SIGALOS
JAY CHERWIN

ALSO PRESENT:

SAM HUBBARD, Development Planner

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ACTING CHAIRMAN LORENZINI: I would like to call this meeting of the Plan Commission to order. Will you please rise and say the pledge of allegiance with us?

(Pledge of allegiance recited.)

ACTING CHAIRMAN LORENZINI: Thank you. Sam, roll call please.

MR. HUBBARD: Commissioner Cherwin.

COMMISSIONER CHERWIN: Here.

MR. HUBBARD: Commissioner Dawson.

COMMISSIONER DAWSON: Here.

MR. HUBBARD: Commissioner Drost.

(No response.)

MR. HUBBARD: Commissioner Green.

(No response.)

MR. HUBBARD: Commissioner Jensen.

COMMISSIONER JENSEN: Here.

MR. HUBBARD: Commissioner Sigalos.

COMMISSIONER SIGALOS: Here.

MR. HUBBARD: Commissioner Warskow.

(No response.)

MR. HUBBARD: Commissioner Ennes.

(No response.)

MR. HUBBARD: Acting Chair Lorenzini.

ACTING CHAIRMAN LORENZINI: Here. Okay, the next item on the agenda is approval of the minutes. The first one is CA Ventures/Sigwalt Apartments held on September 27th, 2017, and the second is the Ivy Hotel held on October 11th, 2017. Any comments or motions to approve?

COMMISSIONER JENSEN: I wasn't here for the CA Ventures.

COMMISSIONER SIGALOS: I'll make a motion to approve the minutes.

COMMISSIONER DAWSON: Second.

ACTING CHAIRMAN LORENZINI: All in favor aye.

(Chorus of ayes.)

ACTING CHAIRMAN LORENZINI: Opposed?

(No response.)

ACTING CHAIRMAN LORENZINI: Your comments, Lynn?

COMMISSIONER JENSEN: No, I just, I wasn't here for the one with CA Ventures.

ACTING CHAIRMAN LORENZINI: All right. Okay, the next item on the agenda is the public hearing. There is one tonight, St. Edna Church, PC#17-010. It's a PUD Amendment. Have all the proper notices been given, Sam?

MR. HUBBARD: They have, yes.

ACTING CHAIRMAN LORENZINI: Petitioner? Is the Petitioner here? Okay, please stand. Anybody who is going to present, would you all come forward and we'll just swear you all in at once? Would you raise your right hand?

(Witnesses sworn.)

ACTING CHAIRMAN LORENZINI: Thank you. Who is going to speak first? Could you please state your name, spell it for the court reporter, and give us a brief presentation

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on what you're presenting tonight.

MS. MAISH: My name is Susan Maish, M-a-i-s-h. I am the architect from Jaeger Nickola Kuhlman & Associates. As you indicated, we are here today to have an amendment to the PUD, but also to ask for a variance for the parking requirement. The requirement is for 627 spaces, and we are looking to have 377 spaces included on the lot.

ACTING CHAIRMAN LORENZINI: Okay, can I, I'm sorry, let me interrupt you for a second.

MS. MAISH: Sure.

ACTING CHAIRMAN LORENZINI: Sam, have all the public notices been given?

MR. HUBBARD: They have, yes.

ACTING CHAIRMAN LORENZINI: Sorry. Please proceed.

MS. MAISH: I also have the civil engineer, landscape architect and the traffic engineer here also for questions, but I'll be giving the presentation.

I did want to make a couple of clarifications on the report that Sam put out. On page two, there was an indication about the 17 parking spaces that exist. It indicated that we put them in after the rectory was demolished. It's actually probably been there since the rectory was constructed, because I know in 2001 when we did the original PUD it was already there.

The other correction was for the height of the building. I noticed that in 2013, it said the building was 28 feet two inches, and the new building was 29-foot 10 inches. They're both accurate but they were measured in different ways. So, the newest height at 29-foot 10 is the way your ordinance reads the average to the top of the flat roof. So, if I would go back and translate that to the 2013 building, the height would be 24 feet 11. So, we are raising the overall building by five feet.

Then lastly, on page five under the hardship criteria, it does indicate that we won't run two large-scale programs at the same time. That is accurate, but there are two instances one of which I had indicated on the variance request inadvertently. The pancake breakfast and the craft fairs, they do run both of those while mass is going on. So, you'll go to mass and then you'll go to the pancake breakfast or the craft fair afterwards. So, there is some overlap from the next service coming in two hours later. So, we just wanted to clarify that that does occasionally happen, but they wouldn't schedule a mass with a performance or a presentation or something like that.

So, those were the clarifications we just wanted to make.

ACTING CHAIRMAN LORENZINI: Can I just one more question?

MS. MAISH: Yes.

ACTING CHAIRMAN LORENZINI: Do you agree with the five conditions that are in the Staff report?

MS. MAISH: I just want to --

ACTING CHAIRMAN LORENZINI: Compliance with Design Commission, landscaping, such as that?

MS. MAISH: So, let me just look at them so I know what five you're referring to. I see, oh, yes, yes, okay. Yes, we will comply with the Design Commission requirements. There was some additional landscaping which we have already added on to the site plan you will see today. We have also submitted the detention calculations, so we are on board with that for the Village Board. I talked to Sam for clarification on number four, and I understand that that

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means that as things transpire throughout time, that if there is any issue, that he will bring it up and discuss and make modifications as required to the parking. Then we will comply with all codes, yes.

ACTING CHAIRMAN LORENZINI: Thank you. You may proceed.

MS. MAISH: So, just a quick history that was in the report. We were here in 2001 and came and got the original PUD. The reason we needed it was, if you can see the current slide, there were two buildings on one zoning lot. So, we got the PUD. In 2013, we came back again with this project for the Parish Center and the parking lot addition. The funding was not there, so the building was not built. So, in that time between 2013 and now, the rectory was taken down. We did some additional work on the plan, so the building is now larger and the parking lot is a little bit larger. We do have the funding in place now and then we're here today to present the current plan to you.

So, with that, this is the current existing plan, site plan. So, to orient you, Arlington Heights Road is to the left, north is at the top. The rectory has been taken down. The existing building is at the south side of the building. There is currently 356 parking spaces including the 17 spaces. Then up at the top which is hard to see on here is the detention area that currently exists.

This is the new plan so you can -- oops, sorry. In the blue, we have the new building. It is 13,490 square feet. It has two entry canopies to lead you to the main entrance as well as the entrance into the new Parish Life Center. The orange on the existing building indicates some remodeling that will happen when the funds are available after the Parish Center is built.

Then we have our new parking area. So, the new parking area is 44 spaces. It also has a turnaround which the existing parking does not. Then also we have the enlarged detention area, and then we have a new detention area in the southwest corner of the property. So, that did not exist previously. So, that's the two areas, how we're taking care of the stormwater management, and we were complying with all the current codes and MWRD changes that have happened since the last time we were here.

Here is just an enlarged site plan. So, you can see that we have all new walks here. In addition to the Parish Life Center, our mechanical units are ground mounted. So, we have one 10-ton unit that is servicing the front portion, the west portion of the building. It is screened the precast wall that is an extension of the new building. Then we also have some fencing on the east. We also have two 25-ton units on the east side of the building that are screened by board-on-board fencing as well as landscaping to comply with your requirements.

In addition to that, I think on this plan what is significant is all the landscaping that we are adding as a part of this plan. We did meet with the neighbors and they had some requests for some landscaping on the east side of the stage access. They actually had just said can we just move so that we wouldn't have to add more, but I know that we need the screening on the west side of the unit. So, we added some additional landscaping to the stage access drive.

Since the round one comments of the Plan Commission, we have added three additional evergreen trees, three additional juniper trees, just to add some additional screening along the east side. When we met with the neighbors, they did request that we remove the 15 north spaces on the north row of the parking area. We did meet, the church and I met as a group yesterday to discuss that as well as the other landscaping, so we added additional landscaping. We do feel that the additional 15 spaces would be a benefit to the church. They

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would utilize it on all their high-use activities, like this weekend with the craft fair going on, there's also Easter, Christmas. We also believe it is a benefit from the Parish Life Center because it is close spaces to the Parish Life Center.

I also had a discussion with the landscape architect. Part of the reason that they would like the northern spaces to remain would be there is an existing tree, two existing trees, one that is 40 inches in diameter. So, in order for me to save that tree, I really need 40 feet in radius. So, I can't guarantee even if I take off those north parking spaces that I'm going to save that tree. So, we are presenting the plan as we had submitted it to the Plan Commission.

We're also adding some lighting which complies with your requirements of having zero foot candles at the lot line. We have two poles within the islands.

Just showing you an existing plan. The current main space is both for multipurpose and large-scale activities. All those large-scale activities will be moved to the new building. This just shows some of those activities, dinner events, craft fairs, sports, theater, special events, vacation bible school, puppet ministry. So, we're really not adding ministries, just relocating them.

Then here is an enlarged version of the new Parish Life Center. So, it's a link to the existing building, a 6,500 square-foot Parish Life Center. It has a stage for their theater productions. Currently, that happened once a year for two weekends. It has its own restroom facilities, storage, and a kitchen facility that go along with it.

Then this just shows how the Doherty Center would be remodeled, creating an office, a meeting space with a corridor, so the large-scale activities would no longer occur in there. Then also, we'd be creating a youth room in the lower level. Those two items are both future activities that would occur after the Parish Life Center was built.

These are just some interior views. From an exterior standpoint, we went through the Design Commission and we're approved. We are basically blending with the existing church, continuing the black brick and the large white fascia at the lower portion. Then we are also blending with the 1996 addition that's in the back, and the large parish space kind of mimics that construction.

Some views, different views from the west. Again, it is a precast building incorporating thin brick on the lower base portion. This is a view from the northwest. Then as we move towards the neighbors, we take the larger volume of the Parish Center and then step it down at the stage in order to be able to kind of lower the volume where the neighbors are.

Then this is the east elevation. Again, you can see the stage volume, and then some trees, then the landscaping that we added. I'm hoping that you guys can see better than we can see back over here because it's very dim.

From an elevation standpoint, the top of our parapet is 31 feet. However, the grade is a help to us here and the building actually looks like it's only 27 feet. So, that is kind of consistent in the back part of the building, that whatever the dimension is, if it's 23-foot-four, it actually looks like it's 21-foot-four. The 18-foot volume looks like it's 16 feet. So, the grade is working for us in order to soften the height of that building.

We basically, we feel that this building is very consistent with what we showed in 2013. So, as far as it maintains the same architecture, it's a little bit larger and a little bit taller than it was before, but it's still within the setbacks. It's still within the lot coverage and the height requirements. We do feel that the parking lot that we're showing is a benefit to the church as I indicated, on those high-use activity days, and it's a benefit to the church for the Parish Center, providing them with closer spaces. We also feel that the number of spaces we show is

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kind of a great compromise between what the Village is requiring at 627 and what the neighbors would like and what the church deems is necessary. We also feel like we have amply landscaped it to soften some of the trees that we've taken down. I think he noted in his report that we're required to put 24 and then we're nearly doubling that as far as how much we're adding back from what we're taking down.

Then lastly, obviously we don't really want to incorporate, putting in 627 spaces which I know is not what you really want me to do, we couldn't feasibly do that and I don't think that that would be desirable for the community if we did. That's it.

ACTING CHAIRMAN LORENZINI: Thank you. Staff report, Sam?

MR. HUBBARD: Sure. Good evening again to the Plan Commission. So, the request before you is for a parish center addition to the existing church, St. Edna's Church at 2525 North Arlington Heights Road. The property is zoned R-1 which is a single-family residential zoning district. In the R-1 District, religious institutions are allowed as a permitted use. So, there is no special approval needed for a church use. However, they did receive a PUD approval in 2002, the Ordinance 02-005, and they are proposing changes to the site from that prior approval which requires an amendment to Ordinance 02-005.

In addition, they are requesting a parking variation. 627 spaces are required by code and 377 spaces are provided on site. This is not atypical for churches. Just for reference, the Orchard Free Church is required to provide 671 spaces, they have 303 spaces on that site. Our Savior's Church is required to provide 214 spaces, they have, you know, 179 spaces. St. James Parish has a parking deficit in the hundreds of spaces similar to St. Edna's Church, so this isn't necessarily a unique situation. On paper it looks bad, but it's pretty common throughout the Village.

There have been several actions that the church has gone through to date to get them to this point. As you've heard, originally they were planning for this addition back in 2012 and 2013. They actually did receive approval for a very similar site plan albeit this one has changed. Things have gone a little bigger this time, but they were approved, essentially approved for this project back in 2013.

That approval expired because they didn't start work within the code required 12-month period. So, they do have to come back through the process again which is why you're seeing them before you this evening. After the approval had expired, in 2015 they came back to the Village with an amended plan that went to the Conceptual Plan Review Committee called the Plat and Subdivision Committee at that time. That plan included a rectory that was going to be built in the northeast corner of the site. That is no longer in the plans today. That northeast corner of the site is to remain vacant. Overall, I think they got a generally favorable review at the Plat and Sub meeting in 2015. I think there were some concerns over the traffic study being up to date and some of the detention requirements. But overall, I think it was a favorable review.

On October 17th of this year, they conducted their neighborhood meeting. A summary of that meeting was included in the packet to the Plan Commission. Then on September 26th, they appeared before the Design Commission. They did have a favorable vote for approval subject to one condition which is screening a mechanical unit on the northwest corner of the building addition. They are agreeable to conforming to that condition of approval.

So, what I'm showing here is what was approved in 2013. You can see there, this is where the addition is going to take place and there is a parking lot addition up here. As I transition the slide, you can see exactly the change to today. So, let me kind of go

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back, here is the original approval from 2013 and then here is what they are proposing to change. So, not really too big of a difference. The building has gotten a little bit bigger. It's pushed back a tiny bit farther. They've added this additional area of parking to the north. But overall, it's essentially the same project, and the programming and use of the space would remain the same as originally approved in 2013.

Some of the main differences compared to 2013, it was a 10,800 square-foot addition. Today, it's 13,700, so that's about a 26 percent increase. They increased the parking from 362 spaces to 377. The setbacks to the west remain the same as those approved in 2013. As I mentioned before, there is a slight reduction in the east setback of about 18 feet, and a slight reduction to the north setback. Again, nothing around the south of the site is proposed to be changed.

As you heard, there are two height differentials. Yes, I believe the Petitioner is correct, that this 28 feet two-inch was measured to the peak of the roof. If we were to use the standards that we determined the 29-foot height measurement from today and apply that to 2013, we would come up with roughly around 24-25 feet. So, the height has increased a little bit.

Overall, we've seen that the size of the congregation has decreased slightly since 2013, and the average weekly attendance has gone down a little bit.

So, here is the site as it currently exists today. This is the main church building in the narthex. This is the Doherty Center here, and to the east is the Hurley Center. The addition of course will go right here.

So, when I transition the slide, if you want to pay attention, this is how it sits on the property relative to the adjacent single-family homes. When Staff analyzed this request, again we looked at the setback to the east which decreased slightly but still provided 139 feet to the property line. Then if you measure it to the closest structure, it's about 160 feet away from the closest structure, and we felt that that was a suitable separation and setback for a building of this size. The rear of the building is buffered with some landscaping as you can see here. Then the parking lot to the east and to the north is also buffered with some landscaping.

The detention pond that exists on the northeast of the site will be expanded slightly, and then they will be adding the new detention to the southwestern corner of the site as well. We did incorporate a condition of approval that final detention calculations be provided to the Village Engineer prior to final Village Board consideration of this project. They designed the site in 2013 and then everything was approved. They did make some slight changes to the impervious surface, so we did ask for those updated calculations. I did hear from the Village Engineer today that they did provide some additional information and he was comfortable moving forward relative to stormwater detention. He was confident that it would be able to meet the requirements of the Village and MWRD.

Then again I want to point out, too, that the rear of the building essentially matches what the existing setback of the Hurley Center is. But we did kind of zero in on the back of the building, there was an increase in height, a slight increase in height there. So, we just wanted to make sure that, you know, it was compatible with what was originally approved.

So, here you'll see up top here is the original approval. This is the southern elevation. So, on this side would be, is towards the east and that's where the neighbors are located. On this side would be Arlington Heights Road. Of course this is the building addition that was proposed in 2013. You can see they do feature the stepback of the building, it steps down in height as it extends out towards the east, towards the closest residential properties. Here

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you can see the present proposal, the building pushed out a little bit farther when you compare it to the 2013 approval. But again, that distance is buffered by landscaping, both proposed and existing, and is over 160 feet away from the nearest residential structure.

Relative to the landscaping, I believe there might have been an error in the Staff report. I counted a total of 14 trees to be removed, I think the Staff report mentioned seven. Out of these 14 trees that are going to be removed, five are ash trees, and they are adding an additional 46 new trees. By replacement values, they would only be required to add 24, but they are adding 46 replacement trees. A lot of it on there is dense landscaping to buffer the RTU units and the HVAC units that are ground mounted. Staff did request additional landscaping be added in this area just to further screen headlight glare from neighboring properties to the east. The Petitioner has provided an updated landscape plan today that shows these plantings. I think they were placed up in the corner here, and I think Staff was looking for them more down in this area. So, we'll work with the Petitioner when they come in for permit on that, assuming that everything is approved.

Relative to parking, they did provide a traffic and parking study. They provided an update memo just stating that the findings back from 2013 are still applicable today. Staff is supportive of the parking variation for several reason, one of them being that they estimated peak parking demand on a typical day to be 309 parking stalls. They have 377 on site, so they are projecting that they'll be able to meet demand. We have seen also that the size of their congregation and attendance has been decreasing over the years, so we don't anticipate that things are going to change drastically and with great increase and create a parking problem.

Additionally, they have an informal agreement with the school district to park in the Futabakai School across the street. It's an informal agreement but they do utilize some of that parking. There is a traffic signal on Arlington Heights Road that does provide for safe pedestrian access back and forth between the two sites. But we are hoping that by increasing the capacity on their church site, that they hopefully would no longer really need the parking at the Futabakai School. We're guessing that people probably park there maybe just to avoid lines when leaving on mass times. It's not necessarily much closer to the church but, you know, people still do park there.

But the main reason why the parking variation is required is due to the Village requirement for, the collective provision for parking which requires every space in the site be accounted for in the parking requirement. Practically speaking, they are not going to be using the Parish Center at the same time that they're going to be using the church building except for limited instances as you've heard this evening. So, the parking by the Village code is really meant to accommodate a situation where all spaces were used to their maximum capacity. Practically speaking, they're not going to be using the Parish Center at the same time as the church, so in that sense we believe that the variation on parking is justified. Again, having them add 627 parking spaces on site would decrease the green area, require a lot more stormwater detention, and we don't believe that that's the preferable situation.

So, Staff is recommending approval of the application subject to five conditions as highlighted in the Staff report, and I'd be happy to answer any of your questions this evening.

ACTING CHAIRMAN LORENZINI: Thank you, Sam. Do we have a motion to include the Staff report into the public record?

COMMISSIONER JENSEN: So moved.

ACTING CHAIRMAN LORENZINI: Is there a second?

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COMMISSIONER DAWSON: Second.

ACTING CHAIRMAN LORENZINI: All in favor?

(Chorus of ayes.)

ACTING CHAIRMAN LORENZINI: Opposed?

(No response.)

ACTING CHAIRMAN LORENZINI: Okay, that concludes the Staff report portion. Next, we'll go to the questions from the Plan Commission and then go to the public for questions. So, Lynn, would you like to start?

COMMISSIONER JENSEN: Sure. Actually I've been in a number of meetings where this has gone before us and I'm generally supportive of what you're here to do. Just a couple of verifying questions. With your weekly attendance going down to 25 percent, what's the impetus for, you know, expanding the facilities as much as you are?

MS. MAISH: As far as the building itself?

COMMISSIONER JENSEN: Yes.

MS. MAISH: It was basically for the same reason as 2013. Right now, all the large-scale functions and their other meeting activities occur in that Doherty Center. So, they have 40-year-old movable walls and they would like to be able to have an additional meeting space and then a large-scale function space. So, it's really just to no longer have that combined function within that space. The Doherty Center is basically more architecturally suited for meeting space given that it doesn't have very tall ceilings and it doesn't provide, you know --

COMMISSIONER JENSEN: So, basically you're modernizing it to make it more useful and more flexible?

MS. MAISH: Yes.

COMMISSIONER JENSEN: Okay, I'm not sure I followed the whole, it's not specifically important what you're asking us to make a decision on, but you mentioned the 40-inch tree. You said even if you got rid of the 15 spaces, you didn't think you'd be able to accommodate it, I'm not sure --

MS. MAISH: Okay, so unfortunately I didn't put the slide in my presentation. So, I did, can I come up there and show you?

MR. HUBBARD: Sure.

COMMISSIONER JENSEN: So, I guess my question is do you want to take 15 spaces out or not or how do you --

MS. MAISH: We do not want to take the 15 spaces out. So, one of the reasons was to try and save this tree because it's a very large tree. So, if this is the edge of the parking lot, in discussions with the landscape architect, I would need 40 feet in order to save this tree. So, that actually goes beyond taking this out. So, once I get this circle, I really can't guarantee that I'm going to save the tree.

COMMISSIONER JENSEN: So, the spaces are not in jeopardy, it's the tree that's the issue.

MS. MAISH: Yes, right, right. Well, they would like the, and they'll come up and speak for themselves, but they would like this removed from the green space, we'd like to have -- being able to save those trees.

COMMISSIONER JENSEN: And give up the spaces.

MS. MAISH: And give up the spaces. We would prefer to keep what we have --

COMMISSIONER JENSEN: So, there should be spaces that it could be

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reduced, I mean they may be asking you to take those 15 spaces out to make this thing --

MS. MAISH: Right, that was what, the problem was --

COMMISSIONER JENSEN: So, the issue is whether you use the space for the trees or use it for parking.

MS. MAISH: Right.

COMMISSIONER JENSEN: The only last question I have is that route that is on the east side of the church that exits out, that's only, that's an emergency route, right?

MS. MAISH: That's a fire lane, yes.

COMMISSIONER JENSEN: Okay, so that's not used by the parishioners.

MS. MAISH: No. It's chained.

COMMISSIONER JENSEN: I really don't have anything further. I think it's a good project.

ACTING CHAIRMAN LORENZINI: Susan?

COMMISSIONER DAWSON: I don't have any questions at this time. I'll wait to hear from the audience.

ACTING CHAIRMAN LORENZINI: John?

COMMISSIONER SIGALOS: My only couple of questions. What's changed from the 2013 plan, other than the footprint size of the height, what's causing it now to be higher? If it's basically the same function?

MS. MAISH: Well, for two reasons. Proportion and also just to provide a little more space for the athletic portion of the activities. So, we were at 20 feet to the bottom of the structure, and now we're at 24-ish to the bottom of the structure, maybe a little bit more. Then also we made the building bigger, so we made it a little taller at the same time. So, for those two reasons.

COMMISSIONER SIGALOS: I understand you're making a larger square footage, but I'm just curious about the height. I mean, if you were contemplating the same usage in 2013 as you have now --

MS. MAISH: Again, it was, so there has been a lot of evolution in the whole project since we started in 2010. So, it started at a certain size, then it got smaller and smaller and smaller. So, then as we came since many years have passed and more fund raising has taken place, we kind of went back to more of the ideal building that they would like to build to suit really all their functions the best I guess. So, providing a little more height helps the athletics, but also helps just the proportion of the space as you make it bigger, to make it a little bit taller as well. I hope that --

COMMISSIONER SIGALOS: My last questions are really just related to the parking. Again, I was at the Plat and Sub meeting back in 2015. I know you have additional parking with no formal agreement with the Futabakai School. How many parking spaces do they have there that are available to you?

MS. MAISH: Do you know?

MR. HUBBARD: I think it's like 50 I want to say.

COMMISSIONER SIGALOS: About 50?

MS. MAISH: I do not know, I'm sorry. I know that Steve is looking if it's --

MR. MALONI: I don't know off the top of my head.

ACTING CHAIRMAN LORENZINI: If you're going to speak to all, please come forward.

COMMISSIONER SIGALOS: That's okay. I mean, if you don't have that, I

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live nearby this so I'm very familiar with the church and the activities that go on.

My last question would be as far as functions in the new Parish Life Center at the same time that you're going to have church services, you said that that won't happen except for craft fair and one other event.

MS. MAISH: The pancake breakfast.

COMMISSIONER SIGALOS: Let me ask you, for instance, you have Saturday evening church services.

MS. MAISH: Right.

COMMISSIONER SIGALOS: Could that, this additional Parish Life Center be utilized in a safe way in a wedding reception so that you conceivably have 300 or 350 people in that building while there's church services?

MS. MAISH: I mean it's my understanding that that will not happen.

COMMISSIONER SIGALOS: But what would happen if it does happen? I can't understand why it would not happen, I mean, that's one of the functions that the Parish Life Center would be able to accommodate would be say a wedding reception.

MR. MALONI: When --

ACTING CHAIRMAN LORENZINI: Could you please give your name and spell it?

MR. MALONI: Sure. Mike Maloni, M-a-l-o-n-i. When we stood before you and Father Jerry was our pastor, he had stated back then and it still exists today that we would not rent out this facility. So, it's not intended to be a place for a wedding reception. It would be separate from the church. So, it could be just like a receiving area, but it would follow a function that took place in the church and then moved to there.

COMMISSIONER SIGALOS: I'm a little surprised by that. I mean, it seems like an ideal place or setting as the wedding service in the afternoon and then they go to the Parish Life Center for the reception afterwards. It seems logical, but you're saying that's not going to happen?

MR. MALONI: Right. That's not the intended purpose, yes.

COMMISSIONER SIGALOS: Because that would be my only concern with that additional volume of people and the parking, where would they go?

MR. MALONI: Right.

COMMISSIONER SIGALOS: I don't have any other questions.

ACTING CHAIRMAN LORENZINI: Jay?

COMMISSIONER CHERWIN: Could I just clarify? I think what you're saying is that in maybe minimal circumstances you would have a group at the church, that same group might go over to the Parish Center --

MR. MALONI: Correct.

COMMISSIONER CHERWIN: -- you wouldn't necessarily be bringing in a new group that would --

MR. MALONI: That is correct.

COMMISSIONER CHERWIN: Okay. No, thank you. I really don't, I saw this at the Plat and Sub, so I'm familiar with the project. I don't have any additional questions. I do apologize for being a little bit late to get the meeting started. So, I would like to apologize for that. Otherwise, that's it.

ACTING CHAIRMAN LORENZINI: Sam, so right now, by calculation they're 250 spots short. What were we, how many spots short were they in 2013 when they came before

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us?

MR. HUBBARD: Let's see. It was around the same. I think they were going to provide 362 spaces and I think they were required to provide around a little over 600 spaces. So, it's very similar.

ACTING CHAIRMAN LORENZINI: So, it sounds like the additional 15 spots they have in this current plan seems to make up for the additional space of the Parish Center being enlarged --

MR. HUBBARD: Right, yes. As they enlarged the Parish Center, they enlarged the parking over as well.

ACTING CHAIRMAN LORENZINI: All right. Susan, so there's also, besides the two detention ponds, there is underground storage tanks, too, I think I saw it on the plan? The underground detention?

MS. MAISH: No, that's just for volume control. I'll let George speak to the storm sewer.

ACTING CHAIRMAN LORENZINI: Would you please state your name and spell it please?

MR. DREGER: My name is George Dreger, D-r-e-g-e-r. I'm with Eriksson Engineering. In 2015, the MWRD ratified a new ordinance, and within that ordinance there's a new component that's called volume control. There's a number of different ways that that can be provided. A very common one is what we're proposing here which is a structure underneath the parking lot. It's for the impervious area.

ACTING CHAIRMAN LORENZINI: What's another method?

MR. DREGER: What's another method?

ACTING CHAIRMAN LORENZINI: Yes.

MR. DREGER: Well, in this particular case, that would be difficult because it's basically, the sewers are rather shallow in the existing condition. The only way we could provide for water to get out of there is to drain it through a sewer ultimately. That's why the volume control is perched up higher underneath the parking lot as opposed to down at the bottom of the detention basin.

The other option that I was referring to is basically gouging out the bottom of the basin and allowing that to drain. But you still need some kind of drainage, otherwise you end up with a wetland or swamp and it just won't drain at all which isn't really, it doesn't, it defeats the purpose.

ACTING CHAIRMAN LORENZINI: All right, thank you. All right, that concludes the Commissioners' questions. So, we'll go to the public now for any questions. Why don't we start on this side of the room? Yes, sir, come forward, state your name, spell it for the court reporter.

QUESTIONS FROM AUDIENCE

MR. GROSSICH: My name is Keith Grossich, G-r-o-s-s-i-c-h. I'm a neighbor of St. Edna's.

First, I have three items that I wanted to discuss, but before I do that, I would like to publicly acknowledge Susan Maish. She's really been professional throughout all of this. She's been through this for like three or four years I guess, maybe longer than that, and she's really I think tried her best to kind of manage all the different constituencies involved with

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this. I just wanted to take a moment to say that.

But the first, and some of these are interconnected, the first is the stormwater management concern. You've talked about increasing the size a little bit. The building is 26 percent larger than proposed earlier with more parking spots, which really translates to an increase in the amount of impervious surfaces. We have had significant flooding issues over the last several months in that area. In fact, I brought some pictures with me of the area that would be the northeast portion where the current retention pond is.

So, I do have some significant concerns about how the new retention will be engineered in order to handle that. Would the group like to take a look at a couple of these?

ACTING CHAIRMAN LORENZINI: Sure, you can pass them on.

MR. GROSSICH: Sure. The water is flowing actually up into the, almost into the residents' backyards. In the same picture, there's all different --

So, the request I would have associated with the stormwater management concern is sort of tied into the additional parking spots also. The more green space that we have there, hopefully the better that will make that situation. Also, I see on your recommendation that it sounds like your Engineering Department will be passing their recommendation along to the Village Board along with this. I would suggest, because of, I believe, just look around you, storms are just getting more and more severe, I would suggest that maybe you guys take another look at the Engineering Department, what they come back with in the details very closely before you pass this back on to the Village Board and make sure you're all comfortable with the, you know, what's being recommended.

I'm a computer engineer, I'm not a civil engineer. So, I'm sure a number of you have a much better background than I do. But I just, a lot of times you throw it to the next level and I just really feel uncomfortable with what's occurring there, that you folks don't take another closer look at that from the standpoint of what the Engineering Department says. So, that was the first item.

The second item was associated with the loss of the green space and the mature trees. We did ask, and Susan mentioned, that that last row of parking not be included, and obviously it has been. A number of the mature trees will be cut down. I guess the question is really, is that really necessary? Why can't these trees be saved? You're going to put new vegetation in, but again it's not at the maturity level of what's there.

Again, if I could approach you all, I've got a couple of pictures of some of these trees that are coming down and the green space. So, in the scheme of things associated with how many parking spots there are, you know, the building is larger but the functions are going to be relatively the same. You know, it doesn't seem to, you know, I've been looking at that tree for the last 30 years and, those trees, and it just doesn't, you know, pave paradise to put up a parking lot. This doesn't make a whole lot of sense, especially with the issues we have with the flooding.

Then the last item that I have is really a concern about the outside sound spillover from the building events. They have, and I truly believe that this will be a multipurpose facility. I am very skeptical that I think, you mentioned about the fact that there won't be a wedding and an accompanying reception. There is some skepticism I have, too, in that the last plan you saw, you know, there was a big rectory sitting there, now it's no longer there. So, I think it's hard for anybody to say what it's going to be used for, but you can't, I think, rule out, you know, that this is not going to be used for something like that.

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Also, from an athletic standpoint, you know, actually the Staff/Design Commission report refers to the multipurpose building as a large gymnasium building. Actually the building and gym and the banquet space is 39 percent larger than an NBA basketball court. I expect that there will be a significant amount of athletic events there, basketball tournaments, volleyball tournaments, and there is a real concern that the neighbors have with regard to, you know, participants loitering after these athletic events out in the parking lot which has just been built up there. I know it will happen because when I was that age I did it. So, there is a concern about what is the church going to do with regard to that versus after the fact and, you know, when people start calling the police with regard to something like that. So, I don't know if they expect to have monitors there or, again cutting down on that size of that parking lot can help prevent a little bit of that.

Then the second issue around the sound spillover has to do with the space between the proposed Parish Life Center and the existing Hurley Center. We were told in the neighborhood meeting that that outside space south of the building might be used as a courtyard. Further investigation in the project narrative, it states that a future exterior patio was planned. A patio use to me is significantly different than courtyard use as far as sound emission is concerned. Going back to, you know, the functions of that multipurpose, if there's a banquet in there, you can see there's two exit doors coming out of that proposed Parish Life Center right into that exterior patio.

I'm not really, I don't think the neighbors would be really pleased with, you know, if somebody sets up the, you know, the drinks and cocktails out there, puts the mariachi band out there, I don't see any noise abatement associated with that on this particular diagram. The reason that didn't come up at the neighborhood meeting is it wasn't raised and, again until we dug into some of these documents a little bit more and saw that, we didn't raise it at that particular point in time. So, the question there is what's going to be done about abating the noise from that particular area when it becomes a patio and an extension of that, an outside extension of the proposed Parish Life Center?

So, thank you. Those are the concerns and questions that we have from some of the neighbors.

ACTING CHAIRMAN LORENZINI: Thank you. Anybody else on this side of the room? Anybody on the other side of the room who would like to speak? Okay, seeing there's nobody else, we'll close the public portion of the meeting and go back to the Commissioners for final questions, deliberations, and possible recommendation. Lynn?

COMMISSIONER JENSEN: Yes. Thank you, Mr. Grossich, that was very helpful with some of these issues. So, I would ask on some of these issues, like stormwater management, I'd ask Staff, what is the situation in that part of that town in reference to the sewer system, storm sewer versus regular sewer? Do we have any idea whether the water, the flooding problems that have been referred to are the result of runoff from this piece of property or runoff elsewhere? So, what can you shed as light in that sense?

MR. HUBBARD: Yes, I think there has been some historical flooding in this area. You know, the design of the detention areas, and the project engineer can fill in on the gaps where my expertise doesn't cover, but I believe this detention area has an outlet that's going to drain down below the parking lot and out to Arlington Heights Road into a storm sewer there. I believe in this detention area, there's the same thing. So, it would drain outward towards the storm sewer in Arlington Heights Road.

So, you know, as I'm sure the Plan Commission is familiar, you know,

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the Village has strict stormwater control regulations, MWRD also has their regulations, that do not allow to adversely, you know, affect your neighbor with regards to stormwater runoff. You know, they are not allowed to build this Parish Center and the corresponding parking lot and not accommodate for that additional stormwater that those are going to create on their site. They can't just shove it off onto neighboring property owners.

COMMISSIONER JENSEN: Right. Well, I'm confident, given the number of cases we've had before, we will make sure they manage the water on their property, but I guess my question goes to is the general flooding that he's had pictures of, is that due to something else outside of their property that is not going to get fixed?

MR. HUBBARD: I don't know the specifics of the neighborhood flooding here and what the underlying cause is.

COMMISSIONER JENSEN: So, we can be fairly confident, and I guess I'd ask the engineers if they need to make statements that they will manage the water runoff from their property as our ordinances have been set up to do that.

MR. HUBBARD: Correct.

COMMISSIONER JENSEN: My second question, this is for Staff, in that choice that was proposed between the 15 parking spaces and more green space, where does the Village come down on this? Their parking level as you indicated, the peak time is what, 309, 303, somewhere around there? So, they're losing 15, but that will still leave them a little bit above what we've seen at the peak. So, if the Village had to make a choice between parking and green space, where does the Village come down?

MR. HUBBARD: I think we're amenable to both approaches. I don't know as if we have a strong opinion one way or the other. I mean I think it's a tradeoff either way. I think it's great that they could have more parking on site to accommodate for those peak events such as Christmas and Easter and when, you know, they have their bake sale and so forth corresponding with the church activities, and they could capture that and provide that parking onsite, but of course it is a tradeoff, so you know, we're supportive of this proposal.

We were supportive of the proposal from 2013 that showed a slightly smaller parking area. You know, yes, the 40-inch diameter tree would be removed under this scenario, but again we believe that they have provided a lot of replacement trees. They met the requirements even though preservation of that tree is not specifically required because it's within the buildable footprint. They've provided the replacement values, replacement trees as would be required if that tree was to be preserved and removed. So, they're going above and beyond what the code would require., you know, I think Staff is supportive of both. I don't know as if we have a strong opinion one way or the other.

COMMISSIONER JENSEN: Good. Then maybe we can hear from the consultants, landscaping as well as the architect and so forth and give us the sense of the tradeoff and is there a preference in terms of either the church or the consultants in terms of whether they want to use that for parking spaces or green space relative to the water issue?

MS. MAISH: I'm not sure I understand as far as when you say relative to the water. I mean, I should make it clear that it is, the church would desire to keep those 15 spaces. So, when I'm showing the image of the tree and that, you know --

COMMISSIONER JENSEN: The church would like the spaces?

MS. MAISH: The church would like to keep those spaces, I mean, for the peak times as you indicated, and also providing additional spaces for the Parish Life Center that are closer than parking all the way over to the, you know, near Arlington Heights --

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COMMISSIONER JENSEN: Let me pose a question that may be for the landscape architect or whoever needs to speak to this. Is preserving that tree and not putting those 15 spaces in going to materially improve the situation relative to water runoff? Is it going to make a difference, I guess? So, if it does make a difference, I'm glad you put in the parking spaces?

MR. DREGER: That's kind of a two-part question. Removing the spaces, irregardless of whether there's a tree there, would reduce the amount of detention that's provided. So, would that cause less drainage out into the grass where the detention is? Yes. Would the detention, therefore, also become smaller? Yes. So, you know, it's kind of a tradeoff as well. Do you see what I mean?

MR. HUBBARD: It's going to have the same effect on drainage essentially.

MS. MAISH: Right.

MR. DREGER: Right, and then that --

COMMISSIONER JENSEN: So, the position is, from what Ms. Maish said is the church would prefer to keep the 15 spaces, and as far as we are concerned, probably keeping those spaces doesn't materially adversely affect the runoff, right?

MS. MAISH: Right, because what he was saying is basically it's just, it affects the size of the detention, it's not going to affect adversely the neighbors one way or the other because we'll just change the size of the detention to accommodate those 15 spaces because it's now pervious.

COMMISSIONER JENSEN: Who is going to address the sound spillover issue? I mean, is there any abatement plan at all for that?

MS. MAISH: I mean as far as the courtyard? So, I am the one who wrote the word patio. I guess, in my mind I wasn't thinking one way or another that patio or courtyard meant one thing or another. I would agree with the assessment that should there be a courtyard there in the future, that it would be used as a part of the Parish Life Center as spillover. We have not really looked into the design of the courtyard at this time and how landscaping or screening would, you know, how the sound would be taken care of for that issue. Oh, Mike Maloni also wanted to say something.

MR. MALONI: So, as she has stated, you know, we've been through many iterations and that includes a few different pastors, too. That's why some of this has had, where the building got smaller, then it got bigger. So, the intent of that area, and this goes to a Father Rich issue which now Father Rich is no longer our pastor, was his thought in that regard would be that would be a nice place for people to be able to put a stone that says in memory of grandma. It was not a high populated area. It's more of like a memorial type, you know, put a stone out there and then people would be willing to make a donation that would help.

COMMISSIONER JENSEN: So, you didn't see using it as a meeting place?

MR. MALONI: Right.

COMMISSIONER JENSEN: It wouldn't be designed as a meeting place area?

MR. MALONI: Right.

COMMISSIONER JENSEN: Thank you.

ACTING CHAIRMAN LORENZINI: Susan?

COMMISSIONER DAWSON: So, the tree issue, I understand, just to clarify, so the church wants the parking spaces and not keeping the tree. When you were saying the detention, you were saying that you wouldn't make this large of a detention space if you didn't

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have those 15 spaces, is that what you're saying? So, because I was thinking, well, let's go land-banking, right? See if they need it, but then the detention would already be too small and so that won't work. Okay, I just wanted to say that thought process out loud.

It breaks my heart to lose such a beautiful tree. It's gorgeous, but I understand what you're saying and, you know, okay. So, I'll move on from that. I won't discuss that further.

Could we address one issue that hasn't been addressed which was a concern of the neighbors regarding this, and also you had the concern about perhaps a disbelief that the Parish Center won't be used as a rented out space? I know that's the intention, but intentions can always change in the future, and they don't require you to come back to us, correct? If they decided to suddenly start renting out the space for weddings, we would have no control over that, correct?

MR. HUBBARD: Right. Essentially, that's an auxiliary function of the church.

COMMISSIONER DAWSON: Are they required to get any type of liquor service license? Probably not if you have a caterer with a license, correct?

MR. HUBBARD: Probably not, yes. I don't know the specifics of that.

COMMISSIONER DAWSON: All right. So, I recognize the concern which is that you can't control what's going to happen in the future. We can't obviously predict for anyone or anything what's going to happen in the future. But I wanted to point out and give Sam an opportunity to talk about condition number four which is added in to the motion which does talk about a mitigation plan should parking become an issue. So, could you speak to that a little bit?

MR. HUBBARD: Yes. So, I guess to continue your thought process, if for some reason that the Parish Center was rented out for larger athletic facilities, we do have a recommended condition of approval that would address a situation like that. If it was and if it created a parking problem, then the church is agreeing to look at restrictions on use or programming or timing of things in order to ameliorate any parking issue created by that.

COMMISSIONER DAWSON: Right. So, the motion itself has anticipated that there could be changes in use that might require additional parking, and the Petitioner has agreed to obligate themselves to work with the Village regarding a mitigation plan. So, I don't think the concern is that people might start renting out the hall for weddings. The concern was that the parking would then require an overflow, and if neighbors are seeing that, neighbors need to call the Village and complain, and the Village will then reach out to the church, pull up this requirement and say we need to sit down and discuss. So, in my mind, that addresses that issue.

The one other issue that was brought up was the concern over youths hanging out in the parking lot which is quite frankly something that happens all over Arlington Heights. So, this isn't a new, we're not necessarily maybe creating a new problem that doesn't exist. So, to that end, I don't mean that it shouldn't be a concern of yours. I'm not trying to dismiss your concern. My point to that is that the Village handles this type of situation. So, what I wanted to speak to you was, again could you speak to that? If neighbors are seeing a congregation of youths, if things are not happening, you would call, you'd report it, the Police would start patrolling. I mean could you speak to how that would be addressed?

MR. HUBBARD: Yes. The Police could respond to any complaints and we have community service outreach officers that can work with the church, you know, just to get the message out. I think that the point is also the church is saying they're not going to rent this out to organizations outside of the church. If there are athletic events, it's going to be for the, you know, the church. So, you know, you're not talking about like a sports center that's going to have sports

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fans or, you know, hockey practices for anyone. This is the landlord essentially providing services for their tenants.

COMMISSIONER DAWSON: Would the use change if they did start renting it out consistently significantly?

MR. HUBBARD: I mean it's kind of a gray line. Yes, if it became more of like a rental sports facility or a magnet facility, I mean at a certain point, the Village could step in and say hey, this is no longer the use as a church, this is bordering on a church/banquet hall which requires a different level of approval.

COMMISSIONER DAWSON: So, I guess I'm just trying to lay all that out information hopefully so that the neighbors can hear that there are some checks and balances in place. It's not going to be perfect and that change is happening and that is going to cause change in the community to some degree, but I think the church, in my understanding, has been a good neighbor. There have never been complaints, at least that's what I heard previously. The Village will stay on this if necessary. They have agreed to conditions that will allow for adjustments in use if it's needed to be. So, I just wanted to walk through that process so that everyone felt that maybe their concerns were being addressed. I have no specific questions. Thank you.

ACTING CHAIRMAN LORENZINI: John?

COMMISSIONER SIGALOS: The only question I have, did I understand the trees that were going to be removed, a number of those are ash trees?

MR. HUBBARD: Five of the 14 are ash trees.

COMMISSIONER SIGALOS: That's in this area of these 15 parking spaces?

MR. HUBBARD: They are scattered throughout the site. Some of them are located here, some of them, yes, are up here and then the detention area as well.

COMMISSIONER SIGALOS: But not necessarily where those 15 spaces are?

MR. HUBBARD: Right. I don't know specifically.

COMMISSIONER SIGALOS: The reason I'm saying that is that ash trees, I mean, they may be gone in the very near future anyhow. Again, I'm not fond of cutting down mature trees and there are some beautiful trees in those pictures, but it's kind of a tradeoff with these parking spaces.

In relationship to that detention area, I understand if you have less impervious surface, you can have less detention area. Why would you not keep it larger even though you, let's say if you were to eliminate those 15 spaces, why wouldn't you keep that detention area at the larger size that it is now to help alleviate some of the other flooding that's occurring in that area as the photos are now showing? Why would you have to reduce the size of it? I mean, I understand the code and MWRD doesn't require you to, but the space is there, why wouldn't you leave that larger detention?

MR. DREGER: Well, the design is based upon what's proposed. You know, obviously it would cost more money. You know, you'd be spending money on something that wouldn't be required.

COMMISSIONER SIGALOS: Right, but you have less parking area so you're saving money there.

MR. DREGER: True, but I mean it's just not a requirement. It's not a requirement.

COMMISSIONER SIGALOS: No, I understand. So, you only design per the

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requirement and not maybe to help alleviate some of this flooding that's occurring there regardless of how many parking spaces you have?

MR. DREGER: I didn't see the pictures. Where was that flooding, can I ask?

COMMISSIONER SIGALOS: It looked like it was in that east area between the homes. Between the parking area and the homes if I was looking at those photos correctly.

COMMISSIONER DAWSON: Do you want to look at the pictures?

MR. DREGER: Sure.

COMMISSIONER DAWSON: I think one of them shows parking spaces in the photos so it gives you a better perspective.

ACTING CHAIRMAN LORENZINI: Take it back to the podium please.

MR. DREGER: This looks like --

ACTING CHAIRMAN LORENZINI: Just while he's looking at the pictures, the public portion, the comments on the part of the public can continue.

MS. MAISH: Is that from the detention, is that looking at the detention?

MR. DREGER: Is this the detention basin itself?

MR. GROSSICH: Yes, the basin, looking right towards the, looking east towards the homes.

MR. DREGER: Right.

MR. GROSSICH: One is --

ACTING CHAIRMAN LORENZINI: Why don't you come back up as far as answering the questions? You'll have to speak on the mic so the court reporter can get all this.

MR. DREGER: To me the detention basin is doing what it's supposed to do basically.

MR. GROSSICH: The water is outside the detention area. I mean, this is not the detention, this is somebody's backyard, the water standing.

MR. DREGER: No, I understand, but that's a low area in that person's backyard. I'm not trying to be facetious but it is.

MR. GROSSICH: Can I just make a couple of comments on the parking?

ACTING CHAIRMAN LORENZINI: As long as you're up there, sure.

MR. GROSSICH: Okay, thank you so much. First of all, while the church has been a good neighbor, I think the neighbors have been good neighbors to the church. When this thing was first proposed, there was an issue about putting fencing up, and we said no, we don't need fencing. We can live without that. The issue of the parking, so everybody is clear, is at peak times, Christmas, Easter, some of these other big events, these spaces aren't going to accommodate that. The neighborhood is willing to leave with the fact that there's going to be people maybe parking on the street a couple of times a year. We get it.

But why should we, for five or six events out of the year, you know, have the additional parking, have less green space, lose some mature trees, and also not provide ourselves as you mentioned maybe an additional buffer from flooding where, yes, I would not reduce the size of the retention pond. I would leave it the same size and take advantage of the fact that you have less impervious space up there. So, that's why I say some of this is tied together. These extra 15 spots aren't going to really make a difference in the day-to-day use of the facility. They're not going to make a difference at peak times either.

ACTING CHAIRMAN LORENZINI: Okay, thank you for that. Anything else, John?

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COMMISSIONER SIGALOS: No. My only other concern again is I understand what you're saying today that you're not going to rent out this Parish Life Center to other evening activities. I'm looking at specifically say Saturday night which would conflict with your church services. It's easy to say that today, but I don't see how you can ignore that in the future if that's going to be a revenue producing item. That space would be vacant, and why not bring in the revenue that a wedding reception, I'm using that as an example, would bring you? I mean, it doesn't make sense to me.

MR. MALONI: I hear what you're saying, but our primary function is a church of worship and we're not going to do something that interferes with that. So, mass is of critical importance to us. Our parking, our use of our facilities is centered around mass. That's number one and always will be. So, that's why we wouldn't schedule something that would create an issue for ourselves within, you know, the Parish Center.

COMMISSIONER SIGALOS: I mean, you're building this for other uses, not for mass. You're building it for sports events, for craft fairs, for other functions, you know, which your parishioners would partake in, I understand that.

MR. MALONI: Right.

COMMISSIONER SIGALOS: I'm just having a hard time with the fact that you're going to ignore that in the next five, 10, 15, 20 years where that could be bringing in some additional revenue to the church and use those for other, that money for other items that the parishioners may need.

MR. MALONI: We've never charged to let somebody use the Doherty Center within the parish for whatever, pancake breakfast or a bake sale or, you know, those are all church functions that we don't charge anybody for. So, the idea is not for this to be a revenue center. I wanted to kind of address that. It's been stated a couple of times here as if, well, the activities we have now and, you're right, our numbers are decreasing. But the idea, you know, it's like if your sales are going down, do you not advertise to try to bring your sales back up? This is something that we see as a lifeblood to our parish to bring those numbers back up. We want to attract the youth. We want to be able to have something on a Saturday morning that the kids want to come to.

Right now, we have no gym facility whatsoever for them. We have no place, you know, for them to, our teen center is, sorry, pitiful, you know. We have a very active minister that's trying to increase the teens that want to come. But it's hard to compete against like the, you know, the Willow Creeks and that, because they have all these great facilities. So, this is something we see as benefiting the kids, as benefiting the seniors, as benefiting the whole parish that would want to bring those numbers back up, you know. So, we don't see it just for today, we see it for the growth of our parish.

COMMISSIONER SIGALOS: I understand. I guess my last conflict is with those parking spaces. If you were to eliminate those 15 spaces and preserved those trees with more greenery and less impervious surface, I know by code and by MWRD requirements you could reduce the size of the detention pond, why would you do that? Why won't you just leave it the way it is? Because right now it's in your budget to build it to that size plus pay for those 15 additional spaces. So, again that would be, if that would help the neighbors and their flooding that I'm seeing in these photos, I don't see why you wouldn't do that.

MR. MALONI: One thing about those --

COMMISSIONER SIGALOS: I know the code doesn't require you to do that, I understand that.

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MR. MALONI: The thing with that particular tree, what Susan was trying to say is if you eliminate those 15 spaces, you're still within the area of the tree that might make it, it's going to die anyway because that's --

COMMISSIONER SIGALOS: That it will die because of the root system of that tree.

MR. MALONI: Yes. Yes, that's the concern is that we're still within, just eliminating those. In terms of that other thing about building the basin, I mean we are, you know, we're adding detention to the southwest as it is as part of this to help alleviate the issue. So, we're trying to address both the neighborhood issues, but we also, it's not like we have a bunch of extra money for this. I mean right now, you know, we're struggling to pay for basketball poles or, you know, any of the other functions, tables, chairs, just, you know, we're riding the edge of how much our parish can raise. So, we're trying to both, you know, do the best with the money we have.

COMMISSIONER SIGALOS: I understand that you don't want to spend the money that you don't have to, I guess. I'm saying that will go to the overall benefit. I mean, I don't want to belabor us all. That's all I have.

ACTING CHAIRMAN LORENZINI: Jay?

COMMISSIONER CHERWIN: What is the size of the congregation now, approximately? I saw it, but --

MR. MALONI: 2928.

COMMISSIONER CHERWIN: So I mean, obviously the church has been here for a while and the houses around it. I mean the houses are about 20-25 years old around it.

MR. HUBBARD: Yes.

COMMISSIONER CHERWIN: So, I mean if you think, you know, the size of the congregation in the last, you know, if it's gone down from over 3,000 families to what it is now, 150 families, I would imagine that what we had in this property 30 years ago in terms of congregation and how busy the church was and everything was probably pretty substantial, and even more substantial, significantly more substantial than it is now. You know, I was just thinking that. But you know, I think if you look at how the property is burdened with parking, it's probably less burdened now just given the size of the congregation has gone down significantly. So, I think that matters, but other than that, I don't have any other questions.

ACTING CHAIRMAN LORENZINI: Thank you.

COMMISSIONER JENSEN: Yes, just a couple of points. I think maybe after hearing all the discussion around here, they may have made a false tradeoff. You've already said, Sam, that they're going to put in 46 new trees and they're going to give up 14, five of which were added. So, they're already adding some green, a lot of green to this area which should help with the problem of water runoff. The code requires them to take care of their own water, period. There may be a problem that's larger than that that the Village has to deal with that doesn't relate to this property, but we really can't ask them to take care of the Village's water problem if they take care of their own. So, I don't see that there's really a tradeoff here between the parking and green space because you're actually adding a lot of green.

If the plan is successful and, as Mr. Maloni said, and you actually increase the attendance, you probably might want those parking spaces. I did find it somewhat compelling that you might kill that tree anyway. That tree might die anyway no matter what you do. So, trying to save that one tree probably shouldn't be the focus of this activity here.

So, on the other issue, just to, I don't know how other churches do this, but a lot of churches obviously require people to be members of the church or they can't use

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the facility for weddings and things like that. If they are members of the church, I think you would have people moving from, you know, the church ceremony to the reception. So, I'm not sure that that is really add, and they clearly don't want to rent it out which a lot of churches don't. I'm not sure I would be too concerned about it.

COMMISSIONER SIGALOS: I was only referring to Saturday evenings when you would have a different group of parishioners in the church as opposed to people who attend a wedding service in the afternoon and now congregating into this activity center.

COMMISSIONER JENSEN: Well, I think Susan has shown us there is a clause here. One of the conditions would allow the Village to go back and say, hey, you're creating a bunch of issues for the neighborhood, parking being one of them, and so we need a remediation plan. That would have to be one of the provisions that would be included in that -- to pass and go forward. I don't have anything else.

ACTING CHAIRMAN LORENZINI: Question. Is the project funded for the Parish Center?

MS. MAISH: Yes.

ACTING CHAIRMAN LORENZINI: I'm seeing a bunch of nods, I guess it's a yes. Is there a teen basketball program right now?

MR. MALONI: No, because we don't have a gym. We don't have a basketball court.

ACTING CHAIRMAN LORENZINI: No program because of no gym, all right. Okay, that's all I have. Any other questions, comments, recommendations?

COMMISSIONER DAWSON: I would like to make a motion.

MR. GROSSICH: Could I make one other comment please? Just one other comment.

COMMISSIONER DAWSON: Sorry.

ACTING CHAIRMAN LORENZINI: The public, sorry, it's closed.

COMMISSIONER DAWSON: I'd like to make a motion.

A motion to recommend to the Village Board of Trustees approval of PC#17-010, Amendment to PUD Ordinance #02-005, and the following variation:

- 1. Chapter 28, Section 11.4, Schedule of Required Parking, to allow 377 parking spaces where code requires 627 parking spaces.**

This approval shall be subject to the following conditions:

- 1. Compliance with all Design Commission requirements as identified during the September 26, 2017 Design Commission meeting.**
- 2. Provide additional landscaping adjacent to the proposed parking lot on the east side, including three or four additional upright junipers at the end of the drive aisle between the hick yews.**
- 3. Prior to consideration by the Village Board, the Petitioner shall provide the Engineering Department with the detention calculations for the property, for the review and approval by the Engineering Department.**
- 4. If parking beyond what is provided for the church and its ancillary functions is insufficient as determined by the Village, then the Petitioner shall work with the**

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- Village to develop and implement a parking mitigation plan that may include, but shall not be limited to, operational restrictions and/or the installation of additional parking or other parking accommodations located elsewhere on site.**
5. **The Applicant shall comply with all applicable federal, state, and Village codes, regulations and policies.**

ACTING CHAIRMAN LORENZINI: Is there a second?

COMMISSIONER JENSEN: Second.

ACTING CHAIRMAN LORENZINI: Roll call vote please.

MR. HUBBARD: Commissioner Cherwin.

COMMISSIONER CHERWIN: Yes.

MR. HUBBARD: Commissioner Dawson.

COMMISSIONER DAWSON: Yes.

MR. HUBBARD: Commissioner Jensen.

COMMISSIONER JENSEN: Yes.

MR. HUBBARD: Commissioner Sigalos.

COMMISSIONER SIGALOS: Yes.

MR. HUBBARD: Chairman Lorenzini.

ACTING CHAIRMAN LORENZINI: Yes. Okay, you received a unanimous approval from the board up here, but this is only a recommendation to the Board of Trustees. They have the final say-so on this. Is there a date this is going to go to the Trustees, Sam?

MR. HUBBARD: We have a tentative date for November 20th, but that's subject to availability, so we'll stay in communication as we provide the update this week.

ACTING CHAIRMAN LORENZINI: Okay, thank you. All right, we'll close this business. Any other business, Sam? Anything else?

MR. HUBBARD: Next month, or next meeting, we have Hanome which went to Conceptual Plan Review. It's a music venue restaurant in downtown. Then as the Plan Commission may know, we switched our second meeting in November from the day before Thanksgiving to the following week, and we have one project for that meeting as well.

COMMISSIONER JENSEN: Is that the Plan Commission that you're looking at for the new date or is that all the whole thing?

MR. HUBBARD: I believe we'll Conceptual Plan on the 29th of November as well.

COMMISSIONER JENSEN: As well, okay.

ACTING CHAIRMAN LORENZINI: Anything else?

MR. HUBBARD: That's it.

ACTING CHAIRMAN LORENZINI: Motion to adjourn?

COMMISSIONER DAWSON: Motion to adjourn.

ACTING CHAIRMAN LORENZINI: Second?

COMMISSIONER SIGALOS: Second.

ACTING CHAIRMAN LORENZINI: Who seconded? John?

COMMISSIONER SIGALOS: I seconded.

ACTING CHAIRMAN LORENZINI: All in favor?

(Chorus of ayes.)

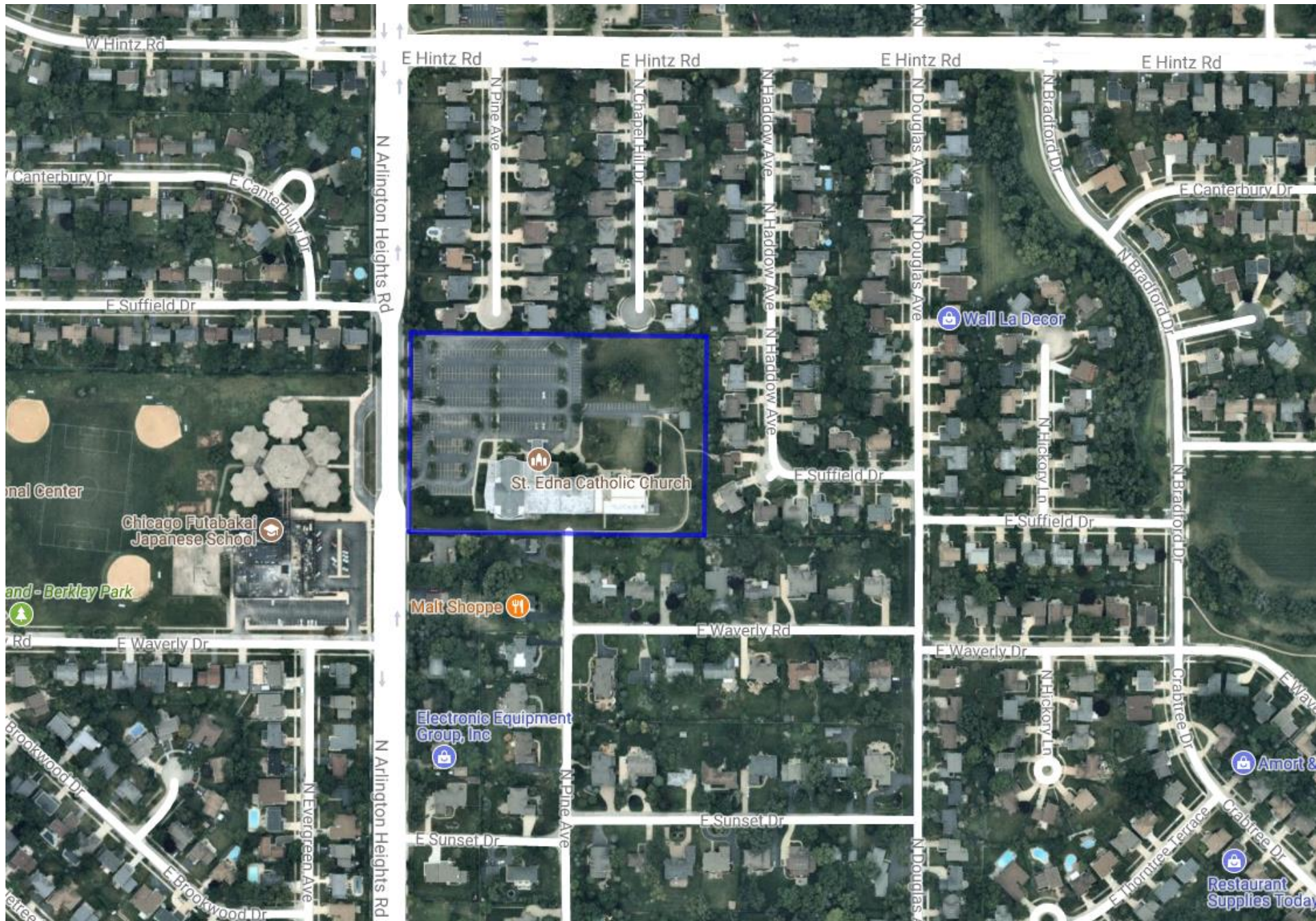
ACTING CHAIRMAN LORENZINI: Opposed?

(No response.)

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for attending. ACTING CHAIRMAN LORENZINI: The meeting is adjourned. Thank you

(Whereupon, the above-mentioned petition was adjourned
at 8:59 p.m.)



REPORT OF THE PROCEEDINGS OF
THE PLAT & SUBDIVISION COMMITTEE
OF THE VILLAGE OF ARLINGTON HEIGHTS PLAN COMMISSION
HELD AT VILLAGE HALL ON:

November 18, 2015

Project Title: St. Edna's Catholic Church
Address: 2525 N. Arlington Heights Road.
Petitioner: Susan Maish
Jaeger, Nickola and Associates
350 South Northwest Highway, Suite 106
Park Ridge, Illinois 60068

Requested Action:

- Amendment to PUD Ordinance 02-005 and Ordinance 13-072 to allow the construction of a parish center, rectory, chapel and other interior and site improvements.

Variations Required:

- A variation from Chapter 28, Section 11.4, Schedule of Required Parking, to allow a reduction to the minimum number of required parking stalls from 642 to 376 spaces.

Attendees: Susan Maish – Petitioner, Jaeger, Nickola and Associates
Michael F., Parishioner of St. Edna
Jay Cherwin, Plan Commissioner
John Sigalos, Plan Commissioner
Lynn Jensen, Plan Commissioner
Bill Enright, Deputy Director of Planning & Community Development

Project Summary:

The subject site is 8.03 acres (349,787 square feet) and includes the 995-seat sanctuary, and the Doherty Center and Hurley Center totaling 50,209 square feet of building area. In 2013, the PUD was amended to allow for a new 10,800 sf Parish Center and remodeling of the Hurley and the Doherty Centers, a revised northeast detention area and new southwest detention area, and 25 new parking spaces to replace 17 existing spaces (net gain of 8). A variation of 228 spaces for parking to permit 362 spaces where 590 is required was approved. Since 2013, the former rectory building has been demolished to prepare for the new Parish Center, however the project did not move forward at that time due to funding.

St. Edna's is looking to move forward with modifications to the 2013 approvals, including a larger Parish Life Center, which would was approved for 10,800sf in 2013 with the new proposal at 12,795sf in the same location just north of the Hurley Center. The plans also call for a new 2,240sf, 104-seat chapel at the west end of the church, and a new 4,540 rectory at the northeast portion of the site. Modifications to the northeast detention will be required and the addition of a new southwest detention area. Additional parking for 46 cars is proposed to the north of the new Parish Life Center. Total required parking will be 642 spaces with 376 provided a variation of 266.

The petitioner has provided a narrative of existing conditions, the 2013 approval and the new proposal, which is attached as part of the packet.

Operationally, St. Edna's has a congregation size of 2,928 families (8,994 persons) and an employment base of 17 employees (full and part time) and 2 priests. Although the facility does not have a private school, religious education for adults and children are held throughout the week. In addition, St. Edna's has several leadership programs (i.e. Ministries, Separation/Divorce, bereavement, family life, etc.) that are held once or twice a month during the weekday evenings. Religious services are held Monday through Friday at 6:45 AM and 8:00 AM, Saturday at 5:00 PM, and Sunday at 7:30 AM, 9:30 AM, 11:30 AM, and 5:30 PM with a combined Saturday and Sunday average total attendance of 2,400 people.

Meeting Discussion:

Ms. Maish introduced herself and began by explaining the existing site plan and neighborhood surrounding St. Edna's. The existing site has 363 parking spaces, a single building housing the church, a multi-purpose space, administrative space, and other ancillary meeting spaces. She noted that a rectory had previously been on the site as well, but was taken down as part of a previous PUD amendment, which included the addition of a parish center, reconfigured parking with 8 additional spaces, and the addition of one and modification of an existing detention area. Due to funding, only the removal of the rectory was completed. The reason for requesting another PUD amendment is to have updated plans approved with pieces that can be completed as funds become available. The parish life center would remain in its original position, with an updated larger size of 12,795 square feet, and would host large-scale events such as plays or dinners. The parking area would also be expanded under the new proposal, and a chapel would be added as well for small weddings or funerals. Lastly, the updated plan would re-incorporate a rectory on the site. The only requested variation would be for parking, all heights, setbacks, and other regulations would be observed by the proposal. Additional actions under the new proposal would include remodeling of existing spaces, increasing the height of the proposed structure from 25' 8" to 30' 8". The petitioner then explained the overall building design and grading of the site, showing renderings to the committee.

Mr. Enright stated that in general Staff is supportive of the request, stating that the primary issues with the proposal would be: 1) Inclusion of water detention facilities, stating that this would be accomplished through enlarging the existing detention basin in the northeast portion of the site, and adding a second detention basin in the south portion of the site, and therefore the petitioner should submit detailed plans of these basins at the time of application. 2) The parking variation. He noted that while the variation in this proposal is larger, it is due to the larger overall square footage rather than an increase in the capacity of the congregation spaces. Additionally, the size of the congregation has dropped from the size it was at the time of previous approval. It is typical for churches and park district facilities to have large variations for parking. Due to changes in the proposal; however, the petitioner would have to submit an update memo from a parking consultant, the one they had used for the previous PUD amendment or another, that would address any impacts resulting from the change in plans. He explained that this project would also require a Design Commission application, and recommended that a community meeting be held.

Commissioner Jensen asked why there was an upscaling of facilities being proposed when the congregation was shrinking in size.

Ms. Maish stated that the proposed additions would be to better accommodate the church's current functions. Before the prior PUD amendment, the church was hoping to have a larger facility, however had to scale down plans due to limited funds. Instead of aiming to implement a scaled down building, the church is now looking to do a full-sized but phased addition.

Commissioner Jensen asked if the rectory was smaller in the previous PUD proposal.

Ms. Maish stated that there was no rectory in the previous proposal.

Commissioner Jensen asked how the proposed additions would be phased.

Ms. Maish stated that the goal was to begin construction of the rectory in spring or summer of 2016, though funding has not yet been secured. The parish center would be the next phase to take place, followed by the remodeling portion of the project.

Commissioner Jensen asked if there was a time limitation for the petitioner to implement their projects after PUD approval.

Mr. Enright stated that there was only a time limitation pertaining to the beginning of construction, which is 12 months. As long as they begin any part of the project within that 12-month period, they can take as long as they need to accomplish each phase.

Commissioner Jensen asked if the detention basin to the east was being moved.

Ms. Maish stated that the outlet for the basin would not move that only the grading and shape of the basin would change.

Commissioner Cherwin asked how detention capacity would be increased, whether that is through deepening the existing basin or through expanding it.

Ms. Maish stated that going deeper was not an option, as they were limited by the location of the restrictor. Any addition to capacity would be done through expanding the size of the basin and flattening it out.

Commissioner Cherwin asked if the layout as proposed would be able to accommodate the necessary increase in capacity.

Ms. Maish stated that she was unsure, that calculations would need to be done by their civil engineer in order to determine the requirements under new MWRD regulations.

Commissioner Cherwin asked if there had been significant drainage issues on the property previously.

Michael F. No, there had not been any drainage issues previously.

Commissioner Cherwin asked Mr. Enright if there were any issues with landscaping that might be raised at a public hearing.

Mr. Enright stated that the petitioner would be required to add substantial landscaping to the parking area in front of the rectory, which was part of the prior PUD approval and the petitioner was planning to do. He noted that residents in prior meetings had asked that perimeter landscaping be used instead of fencing along the edges of the property.

Commissioner Cherwin asked if the added parking in the northeast portion of the property was to accommodate individuals visiting the rectory.

Ms. Maish stated that it would be for those visiting the rectory or parish center.

Commissioner Cherwin reinforced the importance of receiving an update on the parking study, and that the petitioner should comply with the Village requires. He stated that he was supportive of it.

Commissioner Sigalos stated that his only two concerns were with the storm water management, that the proposal cuts significantly into the storm water management they have currently and that they are planning to add a large amount of impervious surface coverage. He also asked if the parking addition proposed was larger than the previously approved plan.

Ms. Maish confirmed that the lot in the current proposal is larger than the lot approved in the previous PUD amendment, and that this increase in size allows for better access.

Commissioner Sigalos agreed that the new parking lot design allows for better flow, and reiterated his concern over adequate water detention.

Ms. Maish stated that it was her intention to bring engineers with to the next meeting to discuss requirements and options for water detention.

Commissioner Sigalos stated that he recalled water detention and parking being concerns in the past with the church, and asked if the petitioner had a parking agreement with the high school across the street.

Ms. Maish stated that they did not have a written agreement, but had gotten permission to use the lot in question.

Michael F. stated that the reason they did not have a formal agreement is because School District 25 would not enter a written agreement with a private Catholic church, which is why using the school's lot has always been a handshake agreement

Commissioner Jensen asked how many spaces the church has access to via the informal agreement.

Michael F. stated that they have access to around 50 spots

Ms. Maish stated that the number should be mentioned in the parking study, and that the study found only a few spaces were being utilized in the school lot. Those using the school lot most likely used that lot for convenience, because the church parking lots were not full.

Commissioner Jensen asked if those school parking spaces were included in the provided parking counts, or if the spaces were counted in any way.

Mr. Enright stated that they were not factored into the provided parking counts, but could be used as possible justification for a variation. However, in this case the major justification for the variation is how Village code requires parking to be calculated. Code requires parking be provided for all areas of the building at capacity, which does not happen with churches. He also noted that the parking study from the previous PUD found that the existing parking lots were not fully utilized. The biggest issue with the proposed parking area was that it might have to be reduced in size to allow the detention area to be expanded.

Commissioner Jensen asked if residents abutting the property in question ever reported flooding

Mr. Enright stated that historically there were residents that did.

Ms. Maish stated that there was one resident that had reported flooding, but that they were not on the northeast side where the existing detention basin is located.

Mr. Enright added that the petitioner would be adding a second detention basin to the south of the site as well.

Commissioner Sigalos asked if the parish life center would be used at the same time as church services.

Michael F. stated that the two areas would not be used at the same time. Parishioners would migrate from the church to the parish center for post mass functions

Commissioner Sigalos asked if, since the proposed parish center would have a basketball court, there would be a situation where a tournament was taking place at the same time as a mass.

Michael F. stated that that would not happen.

Commissioner Sigalos asked if the parish center would be rented out for wedding receptions at the same time a mass was occurring.

Michael F. stated that the center was not intended to be rented out, that it would be for parishioners only. If there were parishioners using the parish center, it would be because they are drawn from other places within the building.

Commissioner Jensen asked if the rectory accommodated three priests and how many priests the church currently had.

Ms. Maish stated that the rectory would house three priests, and that currently the church had two. The rectory had room to grow, as well as house one visiting priest, for a total of four.

Commissioner Sigalos asked if the first phase would be to construct the rectory.

Ms. Maish stated that the rectory would be build first, which would allow the church to sell an adjacent home that they had

T. EDNA'S CATHOLIC CHURCH; 2525 N. ARLINGTON HEIGHTS ROAD; T1517

been using as an interim rectory. Funds from this sale could then be used to replenish funds.

Michael F. mentioned that then the house would go back on the tax rolls once the rectory was reconstructed on the Church property.

RECOMMENDATION.

The Plat & Subdivision Committee was supportive of the proposal and advised that the petitioner should move forward.

John Sigalos, Chair
PLAT & SUBDIVISION COMMITTEE
Jake Schmidt, Recorder

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MINUTES OF
THE VILLAGE OF ARLINGTON HEIGHTS
DESIGN COMMISSION MEETING
HELD AT THE ARLINGTON HEIGHTS MUNICIPAL BUILDING
33 S. ARLINGTON HEIGHTS RD.
SEPTEMBER 26, 2017

Chair Fitzgerald called the meeting to order at 6:30 p.m.

Members Present: John Fitzgerald, Chair
Ted Eckhardt
Aaron Coon
Kirsten Kingsley
Jonathan Kubow

Members Absent: None

Also Present: Tom Meyer, Lexington Homes for *Lexington Heritage*
Michael Bova, Top to Bottom Construction for *1805 N. Walnut Ave.*
Robert Kolososki, Prairie Tech Ltd. for *1805 N. Walnut Ave.*
Robert Flubacker, Robert Flubacker Architects for *619 N. Arlington Heights Rd.*
Mr. & Mrs. Vincent, Owners of *619 N. Arlington Heights Rd.*
Matt Peota for *Passero*
Alex Perry, Right Way Signs for *Passero*
Dr. John Kotis for *Kotis Surgical Center*
Douglas Hammen, Douglas Design & Associates for *Kotis Surgical Center*
Susan Maish, JNKA Architects for *St. Edna Church*
Mike Maloni, Building Rep for *St. Edna Church*
Chris Stair for *Aldi*
Tom Strehmann for *Aldi*
David McCallum, McCallum Associates for *Aldi*
T.J. Doyle, Doyle Signs for *Aldi*
Steve Hautzinger, Staff Liaison

REVIEW OF MEETING MINUTES FROM SEPTEMBER 12, 2017

A MOTION WAS MADE BY COMMISSIONER ECKHARDT, SECONDED BY COMMISSIONER KUBOW, TO APPROVE THE MEETING MINUTES OF SEPTEMBER 12, 2017. ALL WERE IN FAVOR. MOTION CARRIED.

ITEM 6. CHURCH REVIEWDC#17-110 – St. Edna Church – 2525 N. Arlington Heights Rd.

Susan Maish, representing *JNKA Architects*, and Mike Maloni, *St. Edna Building Rep*, were present on behalf of the project.

Mr. Hautzinger presented Staff comments. The petitioner is proposing a new Multi-Purpose Parish Center addition to the existing St. Edna Church building. The new building will consist of a multi-purpose assembly/gymnasium room with a raised stage, kitchen, and toilet rooms. A two-story rectory residence has been demolished to make way for the construction of the new addition. The new building will be connected to the existing building with a new corridor structure, but otherwise, the existing building will remain as is. The scope of the project includes site and landscape work around the new addition as well as a new 45 space parking area. This project requires Plan Commission review and Village Board approval for an amendment to an existing PUD.

This project was previously reviewed and approved by the Design Commission in 2013. At that time, the proposed Parish Center addition was 2,625 sf smaller and 5'-4" shorter than this current proposal:

- 13,425 sf currently proposed (10,800 sf previously approved)
- 31'-0" to the top of the wall currently proposed (25'-8" to the top of the wall previously approved)
- 36'-0" to the peak of the gable currently proposed (30'-8" to the peak of the gable previously approved)

The increased building height still complies with the zoning requirements. In 2013, numerous color schemes and massing options were studied for the proposed addition, and the current proposal retains the same basic color scheme and massing as the approved 2013 design.

Three new mechanical units are proposed to be mounted on grade adjacent to the new addition. The mechanical units will be fully screened by wood fences and landscaping. The new rooftop kitchen exhaust fan on the lower roof area is required to be screened from view. Overall, the proposed landscaping work is generally nicely done. The Petitioner will be required to comply with all landscape and parking requirements as part of the Plan Commission approval process.

Staff recommends approval of the proposed design for the church addition, with the comment to incorporate a screen around the rooftop kitchen exhaust.

Chair Fitzgerald asked if there was any public comment on the project and there was no response from the audience.

Ms. Maish said that in response to the Plan Commission comments they received from Staff, additional landscaping has been added on the east side of the parking lot. They are also removing the kalwall on the existing lobby due to deterioration and replacing it with a hip roof. With regards to screening around the rooftop kitchen exhaust, she asked if they could work with Staff to determine the best way to do this; they are trying to blend it in with the existing gable shape. She presented some preliminary concepts showing new gables along the edge of the wall to block the view of the exhaust fan.

With regards to the screening of the kitchen exhaust, Commissioner Eckhardt said that he was okay with the three gables shown in the concept, or adding a cementitious fence around the exhaust, or just putting a simple box around it that matches the tan color of the wall. He had no issues with the design and no further comments.

Commissioner Coon felt the new gable on the left side was not warranted; he was in favor of a roof screen around the kitchen exhaust that matches the higher portion of the wall. Commissioner Kubow agreed with Commissioner Coon.

Commissioner Kingsley stated that she was not on the commission when the project was previously reviewed and approved. She felt that a third gable was unnecessary to screen the kitchen exhaust; she liked that the first-floor of the building tied in with the rest of the building; she questioned whether the gable end on the second-floor addition was necessary; and suggested something else be brought up there to give it more 'detail', rather than mimic the rest of the building. Her suggestions included not to finish it in white, or have a brown cross just in the middle instead of the brown accent going all the way across, or keep it less ornate so the rest of it can pop. She liked what was done with the kalwall area by introducing a new hip roof. Commissioner Kingsley reiterated that she was not on the commission when the color schemes were being reviewed and approved. Ms. Maish replied that many color combinations were considered, and she felt the white band at the top of the building helped the building appear less massive; she was concerned about removing it.

Chair Fitzgerald was okay with the size and scale of the new building addition, which he felt was not much different than the previous approval. He felt that something definitely needed to be done with the screening of the rooftop kitchen exhaust, and he was not in favor of adding another gable to screen it. He would make it a requirement to add a tree off to the side of this elevation, left of the walkway, consistent with the tree shown on the other side of this elevation, as well as add a tree on the side, if one will fit there. He would suggest this be reviewed and approved by Staff.

Commissioner Kingsley suggested changing the white finish at the top of the building to the dark color. Commissioner Eckhardt remembered that he felt strongly about the white color at the top of the building, instead of brown, because white helped tie it together with all of the buildings on campus. Chair Fitzgerald agreed and remembered the commissioners considering both brown and white at the top of the building; the white color was one of the elements that tied everything together for him.

A MOTION WAS MADE BY COMMISSIONER ECKHARDT, SECONDED BY COMMISSIONER COON, TO APPROVE THE PROPOSED ARCHITECTURAL DESIGN FOR THE ADDITION TO *ST. EDNA CHURCH* LOCATED AT 2525 N. ARLINGTON HEIGHTS ROAD, AS SUBMITTED. THIS APPROVAL IS BASED ON THE PLANS DATED 8/18/17, RECEIVED ON 8/29/17, DESIGN COMMISSION RECOMMENDATIONS, COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND VILLAGE CODES, REGULATIONS, AND POLICIES, THE ISSUANCE OF ALL REQUIRED PERMITS, AND THE FOLLOWING:

1. A REQUIREMENT THAT A TREE BE ADDED AT THE NORTHWEST CORNER TO HELP SOFTEN THE FUTURE SCREENING OF THE ROOFTOP KITCHEN EXHAUST FAN FROM THE KITCHEN.
2. THIS REVIEW DEALS WITH ARCHITECTURAL DESIGN ONLY AND SHOULD NOT BE CONSTRUED TO BE AN APPROVAL OF, OR TO HAVE ANY OTHER IMPACT ON, NOR REPRESENT ANY TACIT APPROVAL OR SUPPORT FOR THE PROPOSED LAND USE OR ANY OTHER ZONING AND/OR LAND USE ISSUES OR DECISIONS THAT STEM FROM ZONING, BUILDING, SIGNAGE OR ANY OTHER REVIEWS. IN ADDITION TO THE NORMAL TECHNICAL REVIEW, PERMIT DRAWINGS WILL BE REVIEWED FOR CONSISTENCY WITH THE DESIGN COMMISSION AND ANY OTHER COMMISSION OR BOARD APPROVAL CONDITIONS. IT IS THE PETITIONER'S RESPONSIBILITY TO INCORPORATE ALL REQUIREMENTS LISTED ON THE CERTIFICATE OF APPROPRIATENESS INTO THE PERMIT DRAWINGS, AND TO ENSURE THAT BUILDING PERMIT PLANS AND SIGN PERMIT PLANS COMPLY WITH ALL ZONING CODE, BUILDING CODE AND SIGN CODE REQUIREMENTS.
3. THE PETITIONER IS REQUIRED TO MEET ALL LANDSCAPING AND PARKING REQUIREMENTS, PER CHAPTER 28.
4. ALL SIGNAGE MUST MEET CODE, PER CHAPTER 30.

Chair Fitzgerald wanted to add that the screening of the rooftop exhaust fan can be approved by Staff. Commissioner Kingsley said the commissioners previously talked about having the screening match the color/material of the building located behind it. Commissioner Eckhardt was okay with adding this to the motion.

A MOTION WAS MADE BY COMMISSIONER ECKHARDT, SECONDED BY COMMISSIONER COON, TO AMEND THE MOTION AS FOLLOWS:

5. A REQUIREMENT THAT THE SCREENING OF THE ROOFTOP KITCHEN EXHAUST MATCH THE COLOR/MATERIAL OF THE BUILDING BEHIND IT, TO BE REVIEWED BY STAFF.

KUBOW, AYE; COON, AYE; KINGSLEY, AYE; ECKHARDT, AYE; FITZGERALD, AYE.
ALL WERE IN FAVOR. MOTION CARRIED.

STAFF DESIGN COMMISSION REPORT

PROJECT INFORMATION:

Project Name: St. Edna Catholic Church
Project Address: 2525 N. Arlington Heights Rd.
Prepared By: Steve Hautzinger

Date Prepared: September 19, 2017

PETITIONER INFORMATION:

DC Number: 17-110
Petitioner Name: Reverend Rich Yanos
Petitioner Address: 2525 N. Arlington Heights Rd.
Arlington Heights, IL 60005
Meeting Date: September 26, 2017

Requested Action(s):

1. Approval of the proposed architectural design for a Multi-Purpose Parish Center addition to an existing church building.

ANALYSIS

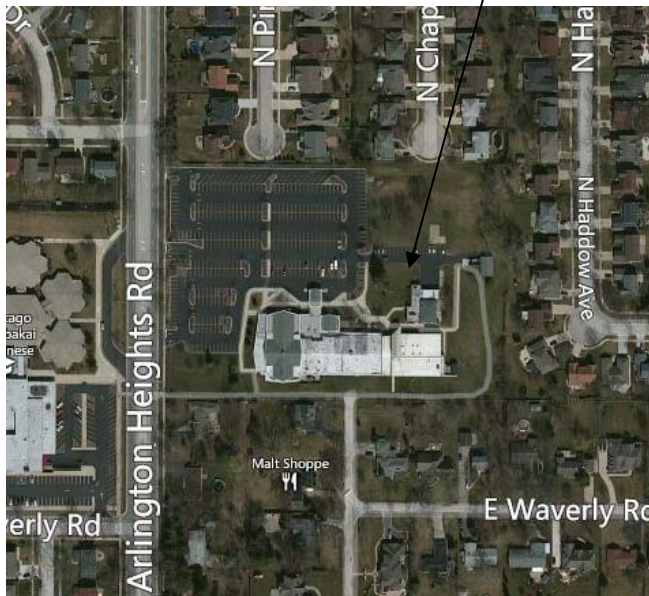
Summary:

The subject design is being forwarded to the Design Commission for review pursuant to Chapter 6 of the Municipal Code, specifically Section 6-501 (e)(1), which states that the Design Commission "shall review all Plan Commission, Zoning Board of Appeals, Building Permit and Sign Permit applications for new construction and those improvements which affect the architectural design of the building, site improvements or signage to determine whether it meets with the standards, requirements and purposes of the Design Guidelines and Chapter 30, Sign Regulations."

The petitioner is proposing a new Multi-Purpose Parish Center addition to the existing St. Edna Church building. The new building will consist of a multi-purpose assembly/gymnasium room with a raised stage, kitchen, and toilet rooms. A two-story rectory residence has been demolished to make way for the construction of the new addition. The new building will be connected to the existing building with a new corridor structure, but otherwise, the existing building will remain as is. The scope of the project includes site and landscape work around the new addition as well as a new 45 space parking area. This project requires Plan Commission review and Village Board approval for an amendment to an existing PUD. The existing building area is 41,700 sf and the proposed addition is 13,425 sf. The subject site is 8.5 acres (370,242 square feet).

Site:

Subject Property



Aerial View of Subject Site



Zoning Map

Surrounding Land Uses:

<i>Direction</i>	<i>Existing Zoning</i>	<i>Existing Use</i>	<i>Comprehensive Plan</i>
Subject Property	R-1, One Family Dwelling District	St. Edna Catholic Church	Institutional
North	R-3, One Family Dwelling District	Single Family Residences	Single Family Detached
South	R-E, One Family Dwelling District	Single Family Residences	Single Family Detached Estate
East	R-3, One Family Dwelling District	Single Family Residences	Single Family Detached
West	R-3, One Family Dwelling District	Chicago Futabakai Japanese School	Schools

Architectural Design / Previous Approval:

This project was previously reviewed and approved by the Design Commission in 2013. At that time, the proposed Parish Center addition was 2,625 sf smaller and 5'-4" shorter than this current proposal:

- 13,425 sf currently proposed (10,800 sf previously approved)
- 31'-0" to the top of the wall currently proposed (25'-8" to the top of the wall previously approved)
- 36'-0" to the peak of the gable currently proposed (30'-8" to the peak of the gable previously approved)

The increased building height still complies with the zoning requirements, which allows churches up to 45 feet in height.

In 2013, numerous color schemes and massing options were studied for the proposed addition, and the current proposal retains the same basic color scheme and massing as the approved 2013 design.

Notable design features include:

- A sloped parapet which nicely mimics the slope of the roof line on the existing church building.
- A vertical accent band in the middle of the addition creating a cross like effect which gives the otherwise large gymnasium building an ecclesiastical feeling. The crossing accent bands reinforce the identity of St. Edna's Church as seen on their entry signage and logo below.



Existing entry signage



St. Edna logo

The proposed addition is setback over 400 feet from Arlington Heights Road and approximately 140 feet from the single family residences on the east. The east side of the proposed addition steps down in size which helps to visually diminish the mass of the proposed addition. Overall, the proposed design is nicely done and will blend well with the existing building and site.

Mechanical Unit Screening:

Three new mechanical units are proposed to be mounted on grade adjacent to the new addition. The mechanical units will be fully screened by wood fences and landscaping.

The new rooftop kitchen exhaust fan on the lower roof area is required to be screened from view.

Landscaping:

Overall, the proposed landscaping work is generally nicely done. The Petitioner will be required to comply with all landscape and parking requirements as part of the Plan Commission approval process.

Signage:

Signage is not included in this review, but will be required to comply with the signage code, Chapter 30.

RECOMMENDATION:

It is recommended that the Design Commission approve the proposed architectural design for the addition to *St. Edna Church* located at 2525 N. Arlington Heights Road. This recommendation is subject to compliance with the plans dated 8/18/17 and received 8/29/17, Design Commission recommendations, compliance with all applicable Federal, State, and Village codes regulations and policies, the issuance of all required permits, and the following:

1. Provide a screen around the rooftop kitchen exhaust.
2. This review deals with architectural design only and should not be construed to be an approval of, or to have any other impact on nor represent any tacit approval or support for the proposed land use or any other zoning and/or land use issues or decisions that stem from zoning, building, signage or any other reviews. In addition to the normal technical review, permit drawings will be reviewed for consistency with the Design Commission and any other Commission or Board approval conditions. It is the architect/homeowner/builder's responsibility to comply with the Design Commission approval and ensure that building permit plans comply with all zoning code, building permit and signage requirements.
3. The petitioner is required to meet all landscape and parking requirements per Chapter 28.
4. All signage must meet code, Chapter 30.

September 19, 2017

Steve Hautzinger AIA, Design Planner

Cc: Charles Witherington Perkins, Director of Planning and Community Development, Bill Enright, Deputy Director of Planning and Community Development, Sam Hubbard, Development Planner, Petitioner, DC File 17-110



Date: September 21, 2017 (Modified 9/25/2017)

To: Village of Arlington Heights,
33 South Arlington Heights Road
Arlington Heights, IL 60005

From: Susan Maish, ALA
Jaeger Nickola Kuhlman and Associates
350 South Northwest Hwy, Suite 106
Park Ridge, IL 60068

Re: St. Edna Catholic Church
2525 N. Arlington Heights Road
Arlington Heights, Illinois 60004

Subject: **PROJECT NARRATIVE FOR PLAN COMMISSION- St. Edna Catholic Church**

St. Edna Catholic Parish is submitting to the Plan Commission for an amendment to their existing PUD

Background of St. Edna Catholic Church

St. Edna Catholic Parish is located at 2525 North Arlington Heights Road in an R-1 Zoning District. The existing 41,700 square foot building was built in three phases. In 1967 the one-story masonry church and religious education building (Doherty Center) was built. The administration wing (Hurley Center) was added in 1991 and in 2001 the narthex was added. In 1973, a 7,570 square foot rectory was also built onsite as a separate building.

In 2001 when the Narthex was being added, a PUD was completed to allow two buildings on one zoning lot. One variation was also approved:

1. A variation from Chapter 28, Section 5.3-4, Required Minimum Yards, to allow a reduction to the minimum side yard setback along the south property line from 50 to 34 feet.

On December 2, 2013, St. Edna Catholic Church received another approval from the Village Board to amend their existing PUD. The PUD amendment included the addition of a 10,800 sf Parish Center, the remodeling of the existing Doherty Center, the remodeling of the existing lower level Hurley Center, a revised northeast parking area, a revised northeast detention area, and a new southwest detention area. One variation was also approved:

1. A variation from Chapter 28, Section 11.4, Schedule of Required Parking, to allow the reduction to the minimum of required parking stalls from 590 to 362 spaces or a reduction of 228 spaces.

JAEGER NICKOLA KUHLMAN & ASSOCIATES, LTD., ARCHITECTS
350 S. Northwest Highway, Suite 106, Park Ridge, Illinois 60068
Ph: 847.692.6166 www.jnka-architects.com Fax: 847.692.2002

In September of 2013, the existing Rectory was demolished to prepare for the construction of the new Parish Center. The approved PUD Parish Center and site work were scheduled to begin construction in the Spring of 2014. Since funding was not available, the project did not move forward. In 2015, the Parish took a second look at the approved plan and modifications were made. St. Edna is now seeking an amendment to their existing PUD based on these modifications.

Building Project Overview

The Revised Site plan which St. Edna is requesting approval includes an enlarged Parish Life Center, an enlarged northeast parking lot, the remodeling of the main level of the Doherty Center and the lower level of the Hurley Center, a revised northeast detention area and a new southwest detention area. Phase 1 of this revised Master Plan would include the addition of the 13,490 square foot Parish Center and the revised parking and detention. The remodeling of the existing building would occur when funding is available.

Site

In 2001 as a part of the narthex addition, the existing parking lot was enlarged and updated with landscaping and lighting. Currently there are 339 parking spaces on the main lot and 17 additional parking spaces in a small northeast lot. The 2013 approved PUD enlarged the northeast lot to 25 spaces. The site plan that is being proposed now will further enlarge the northeast parking lot to 45 spaces including a total of 378 parking spaces. A new variance will be requested from Chapter 28, Section 11.4, Schedule of Required Parking, to allow the reduction to the minimum of required parking stalls from 629 to 377 spaces or a reduction of 252 spaces.

There are 11 existing accessible spaces within the existing parking lot (8 are required). Since 6 of these spaces are in close proximity to the new Parish Center entrance, additional accessible spaces have not been provided in the new parking area. All requirements of the Illinois Accessibility Code will be met in the new parking lot.

The new parking lot will also comply with all the Village of Arlington Heights requirements for lighting and landscaping. The new light fixtures will comply with all Village of Arlington Heights foot candles requirements.

There is one existing detention area on site in the northeast corner of the lot. This detention area will be modified to accommodate new storm water requirements for the proposed buildings and parking addition. Given the additional impervious area and the new MWRD requirements, a new detention area in the southwest corner of the lot will also be created to accommodate the additional storm water.

As shown in the landscaping plan, the new Parish Center will be amply landscaped.

Parish Center

The new Parish Center will be used for all large scale Parish functions that are social in nature such as the Appreciation Dinner, Concerts, Theater Presentations, Movie Night, Pancake Breakfast, Youth Ministry, Fashion Shows, Puppet Ministry, Athletic Functions (Basketball, Volleyball, Badminton, etc.) St. Edna will not rent out any facilities while Mass is going on in the Church. The Parish Center will be supported by a stage, appropriate storage space for theater and athletic functions, and a stage lift to maintain accessibility. A future exterior patio is also planned. To limit the impact on the neighbors, the patio will be located just south of the proposed building between the existing and proposed building.

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The Parish Center will also be supported by its own accessible toilet facilities, a kitchen, and mechanical space.

The kitchen will be designed to comply with all Village of Arlington Heights requirements.

The proposed Parish Center will be a precast building designed to blend with both the 1967 construction and the 1991 addition. The west façade ties in with the existing Church and Doherty Center utilizing the dark brick, flat roof, and large white fascia. The larger volume continues the dark thin brick to a height of 12'-2." Above the thin brick is a painted buff color finish designed to blend with the existing Hurley Center (and the former Rectory). The top of the faux gable of the Parish Center is 36'-0" AFF. The height to the top of the parapet is 31'-0". **The height from average grade at the front of the building to the top of the roof is 29'-10".** Because of the grade on the north of the building, the height of the Parish Center only appears to be 28'-0". This height is further reduced on the east by the reduced height of the stage volume. A link will connect the new Parish Center to the existing Hurley Center. The existing Hurley Center Kalwall roof will be removed and replaced with a new hip roof.

Two canopies have been created: One which marks the entrance into the Parish Life Center and one which marks the main entrance of the Parish facilities.

The new Parish Center will comply with all referenced building codes in the Arlington Heights Municipal Code including all requirements of the Illinois Accessibility Code. See Site plan for list of building codes. Fire sprinklers will be provided throughout the new addition, as well as fire alarm notification. Fire alarm design drawings have been included as a part of the submittal.

Phasing

In order for the Parish to be able to maintain all their functions throughout the implementation of the Master Plan, the Parish Center needs to be constructed first. Construction for the Parish Center is set to begin in April of 2018 with a completion date of January 2019. During the construction of the Parish Center, the large functions will continue to inhabit the Doherty Center. After the Parish Center is complete and funding is available, the Doherty Center will be remodeled into new meeting room space. No funds have been raised for this remodeling work at this time. The remaining phase of the project includes the remodeling of the lower level of the Hurley Center into the new Youth Center and storage spaces.

St. Edna General Information

Congregation: 2,928 families (approximately 8,994 persons)

<i>Business Office:</i>	Monday through Thursdays	8:30 am - 8:00 pm
	Friday	8:30 am - 5:00 pm
	Saturday	9:00 am – 5:00 pm
	Sundays	9:00 am - 1:00 pm

Employees: 15 employees (full-time and part-time)
2 Priests

<i>Mass Schedule:</i>	Monday through Friday	6:45 am; 8:00 am
	Saturday	5:00 pm
	Sunday	7:30am; 9:30 am; 11:30 am; and 5:30 pm

(Total weekly Sat. pm/ Sunday Mass attendance = 1,900 average)

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At the time of the last renovation the church had 7:00, 8:15, 9:30, 11:00 and 12:30 Masses on Sunday. After the last renovation, the church changed their schedule to allow two hours between each service. This eliminated any overlap in the parking lot. The church still utilizes police officers to direct traffic at all Sunday morning services.

Religious Education:

St. Edna does not have a school or a day care center and has no plans to offer either in the future. They only have religious education classes and sacramental preparation classes as listed following.

Kindergarten through Grade 6 (25 classes/ year— 1/ week)

Tuesdays 6:00 pm - 7:15 pm (Grades K-7)

Wednesdays 4:30 pm – 5:45 pm (Grades 2-3)

Children in Kindergarten through Junior High attend one religious education class per week, approximately three times per month, September through March.

Grades 8 – 10 - Confirmation Preparation (24 classes over 2 years- Dates vary)

Sundays 4:00 pm - 5:15 pm

In addition to parish lay leadership groups (i.e. Pastoral Council, Stewardship Council, Finance Board), St. Edna has many groups in the Ministries of Social Outreach, Bereavement, Music/Liturgy, Family Life Social Life, Adult Formation/Spirituality, Stewardship, Separated & Divorced, AA/AI-Anon. Most groups meet once a month, a few on a weekly basis. Meeting times vary – mornings, afternoons, evenings – with an average attendance range from 6 to 20 people. Many groups do not meet for the 2 – 3 months during the summer.



Date: September 25, 2017

To: Village of Arlington Heights,
33 South Arlington Heights Road
Arlington Heights, IL 60005

From: Susan Maish
Jaeger Nickola Kuhlman and Associates
350 South Northwest Hwy, Suite 106
Park Ridge, IL 60068

Re: St. Edna Catholic Church
2525 N. Arlington Heights Road
Arlington Heights, Illinois 60004

Subject: **Revised Variances Requested- St. Edna Catholic Church**

Requested Variances

As a part of this building project, the church is requesting one variance:

1) A variance to Section 28-11 Off Street Parking and the number of parking spaces required. The chart below indicates the parking requirement. The highlighted items indicate the items that have been modified from the approved 2013 PUD.

PROPOSED REVISED SITE PLAN

		SF	Occ. Req'd	Occ.	Requirement	# of Spaces Req'd
Church	Nave			995	1 space/ 5 seats	199
	Choir			35	1 space/ 5 seats	7
	Narthex			130	1 space/ 5 seats	26
	Community Room	990	15 sf/p	66	30% of Occupancy	20
Doherty	Nursery/Multi-Purpose	5835	15 sf/p	389	30% of Occupancy	117
Hurley	Existing Office Area	3750			1 space of 300 sf	13
	Offices	735			1 space of 300 sf	3
	Meeting Rooms	2020	15 sf/p	135	30% of Occupancy	40
	Youth Room	2138	15 sf/p	143	30% of Occupancy	43
Parish Center	Multi-Purpose Rooms (Main Space)	6540	15 sf/p	436	30% of Occupancy	131
	Multi-Purpose Rooms (Stage)	1475	15 sf/p	98	30% of Occupancy	30
TOTAL REQUIRED						629
Parking Provided						377
Variance Required						252

The variance should be granted to St. Edna for the following reasons:

- 1) Unlike office buildings where full occupancy is desired, when a church service is ongoing, the remaining portions of the building are not at full capacity. Christian Education is not held during the church services, but held on week nights as outlined in the St. Edna Narrative. Bible class is not held during a church service.

As required by the Village ordinance, the chart assumes full occupancy in each of the occupiable rooms within the entire facility. This will not occur.

St. Edna will also not run two large scale activities simultaneously. All large scale functions such as parish dinners, pancake breakfasts, theater performances, concerts would not be held simultaneously with a church service. These functions are for the parishioners and would be attended by those within the church service. As indicated in the cover letter, the new Parish Center will be used for church functions only and will not be rented out while a church service is ongoing.

- 2) The church is not increasing their programming as a result of this addition. The purpose of this addition is to create a space for their large scale functions. The Doherty Center currently must be used for small meetings as well as large scale functions. There is continual set up that needs to occur. The proposed Parish Center will allow the existing Doherty Center to be remodeled into permanent meeting space. All large scale functions would occur in the new Parish Center.
- 3) The quality of their neighboring properties would be greatly changed by the introduction of significantly more parking spaces. The surrounding north and east neighbors currently enjoy a park like atmosphere due to the maintained green space. We believe the current configuration with the proposed parking and landscaping maintains this environment.

EDWARD J. MOLLOY & ASSOCIATES, LTD.

LAND & CONSTRUCTION SURVEYORS

1236 MARK STREET, BENSENVILLE, ILLINOIS 60106 (630) 595-2600 Fax (630) 595-4700
e-mail: tmolloy@ejmolloy.com

PLAT OF SURVEY

OF

THE NORTH 500 FEET OF THE SOUTH 1938 FEET (EXCEPT THE WEST 49.5 FEET AND THE EAST 322.72 FEET THEREOF) OF THE EAST 1/2 OF THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 42 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

TOTAL AREA OF TRACT SURVEYED: 370,120 SQ. FT. OR 8.50 ACRES

LEGEND:

- | | |
|------------------------------|---------------------------|
| Manhole | Telephone Pedestal |
| Sanitary Manhole | Cable Television Pedestal |
| Storm Manhole | Gas Valve |
| Storm Catch Basin/Inlet | Underground Water Lines |
| Flared End Section | Per Paint Markings |
| Fire Hydrant w/B-Box | Underground Gas Lines |
| Water Valve Vault | Per Paint Markings |
| Light Pole | Depressed Curb |
| Lamp | Back of Curb Elevation |
| Traffic Sign | Gutter Elevation |
| Utility Pole W/Overhead Wire | Hard Surface Elevation |
| Concrete Filled Post | Ground Elevation |

HARRY J. ECKHARDT'S ARLINGTON ACRES

REC. JUNE 8, 1945 AS DOC. NO. 13525064

CHapel Hill SUBDIVISION

REC. JUNE 6, 1987

PORTER'S RESUBDIVISION OF ECKHART'S ARLINGTON ACRES

REC. AUG. 19, 1977 AS DOC. NO. 24066178

MANHOLE LEGEND

WW #1 R= 692.20	SAN #20 R= 694.74 = 690.80 6" PVC E. & W. S.
CBN #2 R= 692.14 = 689.44 12" RCP E.	CBN #23 R= 694.26 = 691.86 12" RCP NW = 691.86 6" PVC SE = 691.76 10" PVC SW
INL #3 R= 692.47 = FILLED WITH WATER	SAN #25 R= 693.87 = 687.87 10" VCP N. & W.
INL #4 R= 693.18 = 688.65 12" RCP W. = 688.55 12" RCP E.	CBN #26 R= 692.73 = 690.98 12" RCP N. = 690.91 12" RCP E. = 690.88 12" RCP SW.
CBN #5 R= 692.33 = 689.83 12" RCP W.	SAN #27 R= 693.14 = 686.94 10" VCP E. & W.
CBN #6 R= 693.98 = 689.96 12" RCP W. = 689.25 12" RCP E. = 689.36 12" RCP SW.	CBN #28 R= 693.01 = 691.79 4" PVC E.
CBN #7 R= 693.18 = 689.33 12" RCP W. = 689.45 15" RCP E.	CBN #29 R= 692.86 = 691.16 4" PVC W. = 691.11 10" RCP S.
SAN #8 R= 692.41	SAN #30 R= 692.67 = 692.47 4" PVC N. = 682.34 12" DIP E. & W.
WW #9 R= 692.74 = 682.34 12" DIP E. & W.	CBN #31 R= 692.97 = 691.79 4" PVC E.
MH #10 R= 693.86	CBN #32 R= 692.07 = 684.67 36" RCP NW. = 685.86 18" RCP N. = 684.64 54" RCP S.
STM #11 R= 694.06 = 684.67 36" RCP NW. = 685.86 18" RCP N. = 684.64 54" RCP S.	INL #12 R= 693.09 = 689.79 12" RCP E.
INL #12 R= 693.09 = 689.79 12" RCP E.	CBN #13 R= 691.75 = 689.00 12" RCP E. = 689.98 12" RCP SW.
CBN #13 R= 691.75 = 689.00 12" RCP E. = 689.98 12" RCP SW.	CBN #14 R= 693.27 = 690.73 4" PVC E. = 689.22 10" RCP S.
CBN #14 R= 693.27 = 690.73 4" PVC E. = 689.22 10" RCP S.	STM #15 R= 692.67 = 687.67 15" RCP N. = 687.62 15" RCP E. = 687.68 6" PVC S.
STM #15 R= 692.67 = 687.67 15" RCP N. = 687.62 15" RCP E. = 687.68 6" PVC S.	STM #16 R= 692.50 = 688.57 6" PVC N. = 688.09 6" PVC SE.
STM #16 R= 692.50 = 688.57 6" PVC N. = 688.09 6" PVC SE.	SAN #17 R= 695.39 = 686.49 8" PVC N.
SAN #17 R= 695.39 = 686.49 8" PVC N.	MH #18 R= 695.03 = FILLED WITH WATER
MH #18 R= 695.03 = FILLED WITH WATER	WW #19 R= 693.39 = 690.74 N. & S.
WW #19 R= 693.39 = 690.74 N. & S.	

DRAFTED BY: BLJ
ORDER NO.: 120111.1
FILE: 17-42-11
PROJECT NO.: 1223

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
FIELD WORK COMPLETED: JUNE 21, 2012

STATE OF ILLINOIS } SS
COUNTY OF DUPage }
I, THOMAS A. MOLLOY, AN ILLINOIS PROFESSIONAL LAND SURVEYOR AND MANAGING AGENT OF EDWARD J. MOLLOY AND ASSOCIATES, LTD., HEREBY CERTIFY THAT A SURVEY HAS BEEN MADE UNDER MY DIRECTION OF THE PROPERTY LEGALLY DESCRIBED HEREON AND THAT THE PLAT HEREON DRAWN IS A CORRECT REPRESENTATION OF SAID SURVEY. DIMENSIONS ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF.

SIGNED AT BENSENVILLE, ILLINOIS THIS 26TH DAY OF JUNE, A.D. 2012

EDWARD J. MOLLOY AND ASSOCIATES, LTD.
AN ILLINOIS PROFESSIONAL DESIGN FIRM - LICENSE NO. 184-002910

THOMAS A. MOLLOY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35409
(EXPIRES NOVEMBER 30, 2012 AND IS RENEWABLE)
MANAGING AGENT, ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-002910
(EXPIRES APRIL 30, 2013 AND IS RENEWABLE)

VALID ONLY WITH EMBOSSED SEAL

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 Encountered May Be Different Than That 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. Notify The Owner, Engineer and the Village of Arlington Heights A Minimum of 48 Hours in Advance of Performing Any Work.
4. All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Herein 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 and Restore Damaged Areas Were Not Disturbed By Construction Operations.
5. These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) and Stake All Site Improvements Accordingly.
6. No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
7. 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 Manual Shall Verify All Dimensions And Locations Of Buildings With The Final As-Built 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.
8. Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor in Accordance With The Authority Having Jurisdiction Which Shall Include All Attention Basins, Ponds, All Storm and Sanitary Sewers and Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), and Watermain and Valve and Appurtenance Locations.
9. 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.

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 Elevation at Point 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 Paving And/OR Utility Installation Encroach Within the Existing Drop Line of Trees to Remain. All Trenching Within The Drop Line of Existing Trees to Remain Shall Be Done Fully away From Trees. All Branches of 1" Diameter Are Exposed. Roots Must Be Cut By Reputable Tree Pruning Service Prior To Any Transverse Trenching. Obtain Approval Of Engineer 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 Much of The Property For Landscaping Where Applicable and Acceptable to Architect.**
11. **Provide Tree Protection Fencing Prior To Construction Operations. Maintain Throughout Construction.**

1. All Dimensions Contained Herein Reference Back of Curb, Face Of Retaining Wall, Edge Of Pavement, Center of Structure, Outside Face Of Building Foundation Unless Otherwise Noted.
2. All Pavement Striping Shall Be 4" Wide Yellow Paint Per Specifications. All Cross Hatch Striping Shall Be 45° At 2'-0" Centers.
3. All Accessible Parking Signs (R7-B) Must Be Placed at the Center of the Space and Within 5 Feet of the Space.
4. Refer to Architectural Drawings for Exact Locations of All Buildings.
5. Refer to Architectural Drawings for Locations and Details of All Permanent Site Fencing.

1. Utility Service Lines as Shown Hereon are Approximate. Coordinate The Exact Locations With The Plumbing Drawings. Coordinate The Locations With The Plumbing Contractor and/or the Owner's Construction Representative Prior to Installation of Any New Utilities.
2. Refer to Plumbing Drawings for Continuation of All Utilities Within 5 Feet of Building Face.

3. Field Verify Install & Locations of Existing Utility Mains Prior to Installing Any On-Site Utilities or Structures. All Elevations and Adjustments Referencing 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.
4. 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 Appreciably From The Plans.
5. 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.
6. Protection of water supplies shall as be 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.
7. Clean Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.
8. Provide Adequate Coupling Device and/or Oversized Concrete Flared-End Section to Accommodate HDPE Storm Sewer.
9. The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.

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 Concrete Sections Install a Minimum of 4" Grade Rings For Tapsol Respread, For Flat Slab Taps 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 S120 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 Manhole Structures to Be Adjusted, Install or Remove Adjusting Rings, New Concrete Section or New Barrel Section As Necessary.
8. All Flared End Sections 12" and Larger Shall Include an DOT Standard Grate.
9. All Flared End Sections Shall Be Concrete.
10. All Sanitary Manholes Shall Include a Chimney Seal.

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 Reseeded With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Seed Unless Noted Otherwise On The Landscape Drawings.
3. Refer To Architectural Drawings for Locations and Patterns of Erosion and Control Joints in Concrete Pavement and Sidewalks.
4. Accessible Parking Spaces and Loading Spaces Shall Be Occupied at Maximum 2.0% In Any Direction. Maximum Sidewalk Cross Slope Shall Be 2.0%. Maximum Longitudinal Sidewalk Slope Shall Be 4.3%. Contact Engineer if Conflicts Exist.

1. Illinois Urban Manual Shall Govern All Soil Erosion and Sediment Control, and Related Work.
2. Contractor Shall Be Responsible for Compliance With IEPA NPDES and ILR10 Permit Requirements for Project.

1. 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.
2. Soil Erosion and Sediment Control Features Shall be Constructed Prior to the Commencement of Upland Disturbance.
3. Temporary Soil Stabilization Shall be Applied to Topsoil Stockpiles and Disturbed Areas, Where Construction Activity is Anticipated For Periods of Less 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.
4. All Temporary and Permanent Erosion Control Measures Shall be Removed Within 30 Days After Final Site Stabilization is Achieved. Sediment Control Measures are No Longer Needed. Trapped Sediment And Other Disturbed Soil Areas Shall be Permanently Stabilized.
5. 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 Will Develop Within One Percent of The Cover For Unpaved Areas Not Covered by Permanent Structures Have Been Established Or Equivalent Permanent Stabilization Measures (Such As The Use Of Riprap, Gabions, Or Geotextiles) Have Been Employed.
6. All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall be Protected, and 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.
7. All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall be Protected, and Otherwise Treated to Remove Sediment. The General Contractor Shall Use and Maintain "Dandy Pop" Inlet Protectors (or equal) and Filter Wattles Around The Grate In Landscaped Areas and "Catch-All" Inlet Protectors (or equal, such as Pork Chop Sedgiment) in Paved Areas To Prevent Siltation and Discharge into Waterways.
8. All Temporary And Permanent Sediment And Erosion Control Measures Must be Maintained, Repaired, And Inspected In Conformance With All Applicable EPA-NPDES Phase II.
9. Following The Termination of Construction Activities And Issuance Of The Required "Notice Of Termination", The Permittees Must Keep A Copy Of The Storm Water Pollution Prevention Plan, Inspection Reports, And Records of All The Data Used To Complete The Notice Of Intent For A Minimum Of At Least Three Years Following Final Stabilization.
10. 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.
11. Contractor Shall Provide Qualified Soil Erosion and Sediment Control Inspector Services in Accordance with NFIPs and Governmental Requirements. Inspections Shall Occur Every Seven Calendar Days Or Within 24 Hours of a 0.5" or Greater Rainfall Event. Engineer Shall be Copied on Inspection Logs.
12. 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 Control Inspector Or Governing Agency.
13. Unless Otherwise Indicated on the Drawings, Stabilize All Disturbed Ground Areas Where Slopes Exceed 6:1 or Within Swales and North American Green BioNet SCI50BN Erosion Control Blanket, or Approved ECU.

A. Referenced Specifications

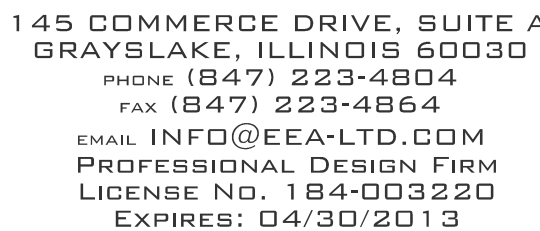
1. All Construction Shall Be In Accordance With The Applicable Sections Of The Following, Except As Modified Herein Or On The Plans:
- * Standard Specifications For Road And Bridge Construction (Latest Edition), by the Illinois Department of Transportation (DOT 55) For All Improvements
 - * Local Sanitary Sewer And Water Main Construction
 - * Standard Specifications For Water And Sewer Main Construction in Illinois, by the Illinois State Water Survey (ISWS) For All Water Main Construction
 - * Village Of Arlington Heights Municipal Code;
 - * The Metropolitan Water Reclamation District of Greater Chicago (MWRD) Sanitary 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 14 Days Prior To The Commencement Of Any Work (Call 708-568-4055).
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 And Obtain Construction Permits From Each Agency.
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, The Contractor Shall Stop Work So That The Conflict Can Be Resolved. Call J.U.I.L.I.E. at 1-800-892-0123.
- C. General Notes

All Elevations Show
1999 (NAVD83)

4. MWRD, The Municipality And The Owner Or Owner's Representative Shall Have The Authority To Inspect, Approve, And Reject The Construction Improvements.
 5. The Contractor(s) Shall Indemnify The Owner, Engineer, Municipality, MWRD, And The City Of Denver From And For All Liability Involved With The Construction, Installation, Or Testing Of This Work On The Project.
 6. 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 Construction Must Be In Accordance With The Construction Details, As Presented On The Plans, Must Be Followed. Proper Construction Methods Must Be Used As Indicated On The Plans.
 7. 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.
 8. Any Existing Pavement, Sidewalk, Driveway, Etc., Damaged During Construction Operations Shall Be Repaired And Not Allowed To Be Removed Shall Be Replaced At The Expense Of The Contractor.
 9. Material And Compaction Testing Shall Be Performed In Accordance With The Requirements Of The Municipality, MWrd, And Owner.
 10. The Underground Contractor Shall Make All Necessary Arrangements To Notify All Adjacent Agencies.
 11. All New And Existing Utility Structures On Site And In Areas Disturbed During Construction Shall Be Adjusted To Finish Grade Prior To Final Inspection.
 12. Record Drawings Shall Be Kept By The Contractor And Submitted To The Engineer As Soon As Underground Improvements Are Completed. Final As-Built Drawings Shall Be Submitted To The Engineer Within 30 Days Of Completion. Any Changes In Length, Location Or Alignment Shall Be Shown In Red. All Wyes Or Tees Must Be Be Tied To A Fire Hydrant. All Manholes, All Valves, B-Boxes, Tees Or Bends Shall Be Tied To A Fire Hydrant.
- 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 Location Where The Sewer Flows Into The Manhole. The Deflection Test Shall Be Performed Before 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 Testing The Sewer Flow Or 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:
Water Main Materials

Reinforced Concrete Sewer Pipe	ASTM C-76	ASTM C-443
Polyvinyl Chloride (PVC) Pipe		
6-Inch To 16-Inch Diameter SDR 26	ASTM D-3034	ASTM D-3212
18-Inch To 27-Inch Diameter F/DY46	ASTM F-679	ASTM S-3212
High Density Polyethylene (HDPE)	ASTM D-3350	ASTM D-3251, F-2620 (Hdcl. Fdcln)
	ASTM D-3035	F-477 (Gascked)
Water Main Quality PVC		
4-Inch To 12-Inch	AWWA C900	ASTM D-3212
14-Inch To 48-Inch	AWWA C905	ASTM D-3212

11. All Sanitary Sewer Construction (And Storm Sewer Construction In Combined Sewer Areas), Requires Stone Bedding With Stone 4 To 1 1/2 In Size, With A Minimum Vertical Distance From The Top Of The Sewer To The Top Of The Sewer Pipe, But Not Less Than Four (4) Inches Nor More Than Eight (8) Inches. The Bedding Shall Be Extended At Least 12" Above The Top Of The Pipe When Using PVC.
12. "Band Seal" Or Similar Non-shear Flexible-type Couplings Shall Be Used In The Connection Of Sewer Pipes Of Dissimilar Materials.
13. Below The Flood Protection Elevation (FPE = BFE + 2 Feet), All Sanitary Sewer Manholes And Structures Shall Be Provided With Bolted, Watertight, Cast Iron Or Steel Cover Plates. The Cover Plates Shall Be Sealed With A Watertight Gasket With The Word "Sanitary" Cast Into The Lid.
14. 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 ("Shower-Tap" Machine) To Connect To Existing Sewer Main. The Sewer Main Shall Be Saddle.
 - b) Remove An Entire Section Of Pipe (Breaking Only The Top Of One Ball) And Replace With A Wye Or Tee Branch Section.
 - c) Excavate And Replace With A New Pipe Of The Desired Length Of Pipe For Insertion Of Proper Fitting, Using "Band Seal" Or Similar Couplings To Connect A "Stub" In To Existing Sewer Main.
15. Whenever 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 12" Shall Be Maintained Between The Sewer And Watermain. The Sewer Shall Be Saddle. Maintained Unless: The Sewer Is Laid In A Separate Trench, Keeping A Minimum Vertical Separation Between The Sewer And Watermain In A Trench With Watermain At The Opposite Side On A Bench Of Undisturbed Earth, Keeping A Minimum 18" Vertical Separation, If Either The Vertical Or Horizontal Separation Cannot Be Maintained, The Sewer Shall Be Constructed To Watermain Standards.
16. All Existing Septic Systems Shall Be Abandoned. Abandoned Tanks Shall Be Filled With Granular Material Or Removed.
17. 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.
18. All Sanitary Manholes, (And Storm Manholes In Combined Sewer Areas), Shall Be Constructed With A Minimum 12" Thick Concrete Walls And A 12" Thick Concrete Connections. Precast Sections Shall Consist Of Modified Groove Tongue And Rubber Gasket Type Joints.
19. All Abandoned Sanitary Sewers Shall Be Plugged At Both Ends With At Least 2 Feet Long Non-shrink Concrete.
20. Except For Foundation/Rooting Drains Provided To Protect Foundations, Or Drains Associated With Volatile Contaminant Facilities, Drain Tiles/Field Tiles/Underdrains/Perforated Pipes Are Not Allowed To Be Connected To Or Discharge Into Combined Sewer Lines. Underdrains/Perforated Pipes Connected To Combined Sewers In Combined Sewer Areas, Construction Of New Facilities Of This Type Is Prohibited; And All Existing Drain Tiles And Perforated Pipes Shall Be Removed Within 45 Months Of The Storm Event. Or Repair Of The Sewer Shall Not Be Connected To Combined Sewers, Sanitary Sewers, Or Storm Sewers Tributary To Combined Sewers.
21. 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 To Verify Properly Maintained Backflow Preventers Are In Good Working Order. In The Event Of A Sewer Surge/Overflow In An Open Detention Basin Tributary To Combined Sewers, The Permittee Shall Ensure That Clean Up And Wash Out Of The Basin Occurs Within 45 Hours Of The Storm Event.



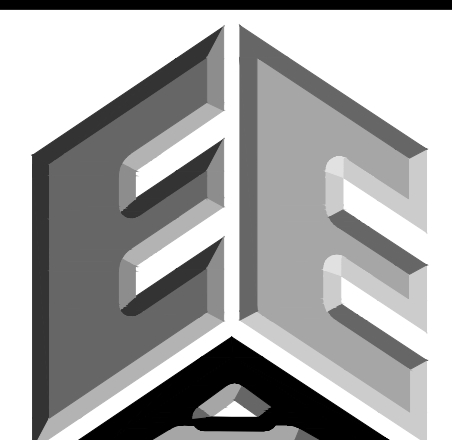
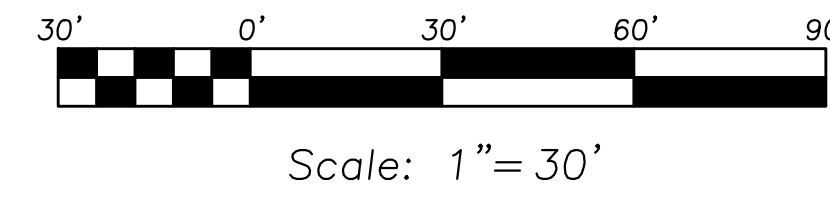
**NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARL.**



	ISSUE REVISION	MM.DD.YY
3	PLAN COMMISSION	09.25.17
	PLAN COMMISSION SUBMITAL	08.18.17
	BID SET	05.01.17
	100% DD	03.01.16
	95% DD	02.23.16
	50% DD	02.09.16

SITE NOTES

DRAWN: -----		PLOT DATE: 05/01/2017	
CHECKED: -	C-1		
JOB NUMBER: 1020			

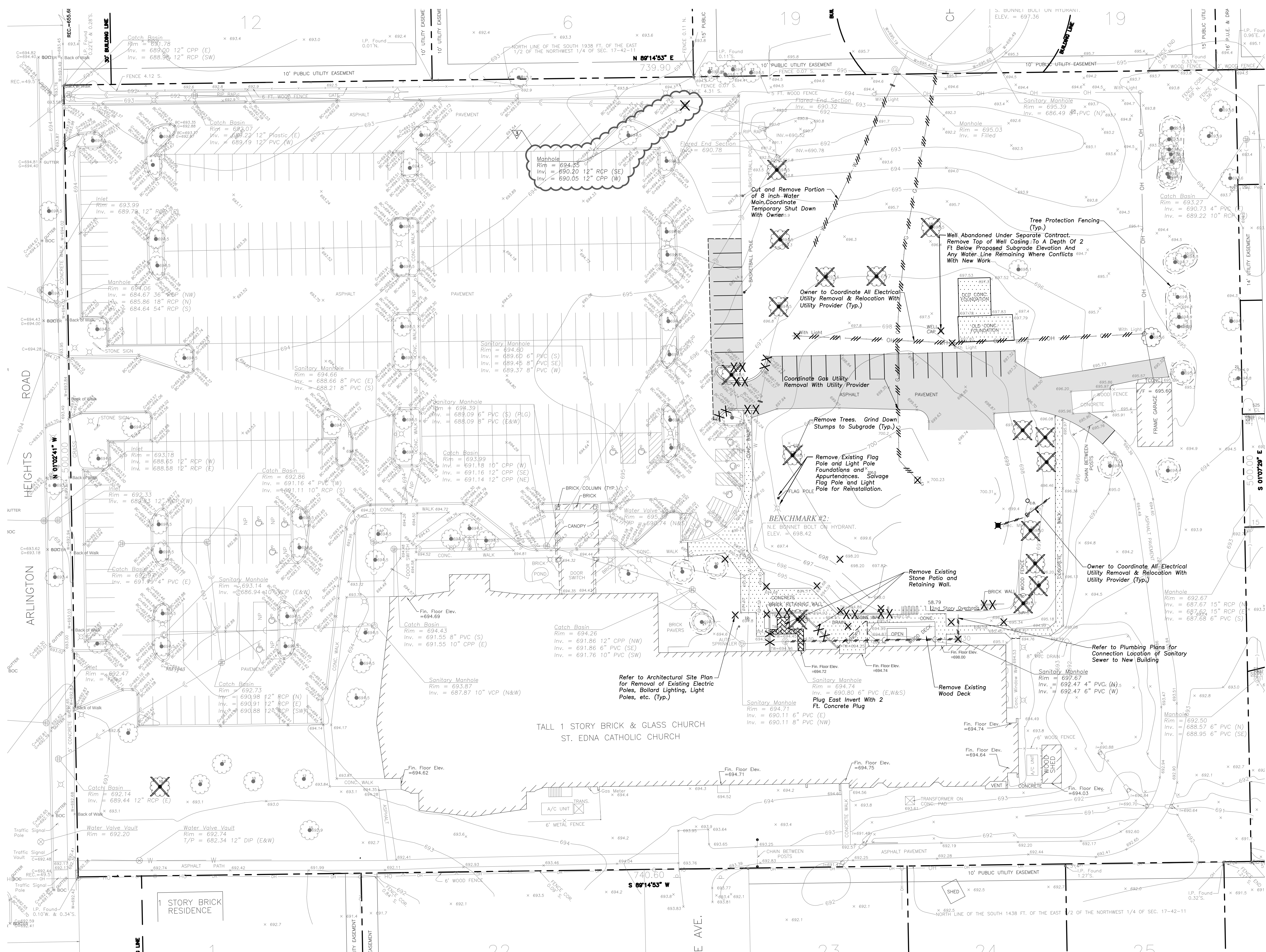


**ERIKSSON
ENGINEERING
ASSOCIATES, LTD.**

145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
PHONE (847) 223-4804
FAX (847) 223-4864
EMAIL INFO@EEA-LTD.COM

LEGEND

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NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARLINGTON HEIGHTS, IL 60004



JAEGER NICKOLA KUHLMAN
ASSOCIATES, LTD. ARCHITECTS
330 S. NORTHWEST HIGHWAY, SUITE 106, PARK RIDGE, IL
60068
847.692.6166 Fax 847.692.2002

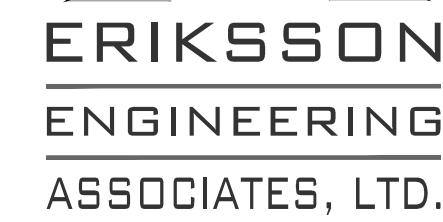
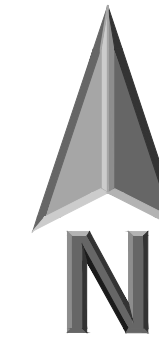
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2	PLAN COMMISSION	08.18.17
3	RD SET	05.01.17
4	100% DD	03.01.16
5	95% DD	02.23.16
6	50% DD	02.09.16

SITE DEMOLITION PLAN		
DRAWN	DATE	05/01/2017
CHECKED		
JOB NUMBER		1020

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

J.U.L.I.E.

C-2



LEGEND

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

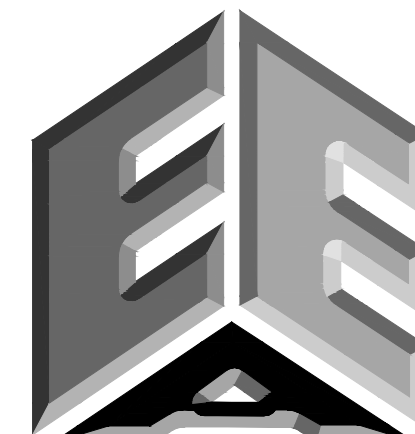


	ISSUE REVISION	MM.DD.YY
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	PLAN COMMISSION SUBMITTAL	08.18.17
	BID SET	05.01.17
	100% DD	03.01.16
	95% DD	02.23.16
	50% DD	02.09.16

JOB NUMBER: **C-3**

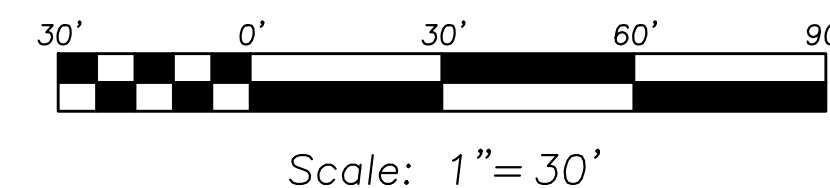
C-3

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ENGINEERING
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145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
PHONE (847) 223-4804
FAX (847) 223-4864
EMAIL INFO@EEA-LTD.COM



Scale: 1" = 30'

LEGEND

EXISTING	PROPOSED

NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARLINGTON HEIGHTS, IL 60004



JAEGER NICKOLA KUHLMAN
ASSOCIATES, LTD., ARCHITECTS
330 S. NORTHWEST HIGHWAY, SUITE 106, PARK RIDGE, IL
60068
847.692.6166 Fax 847.692.2002

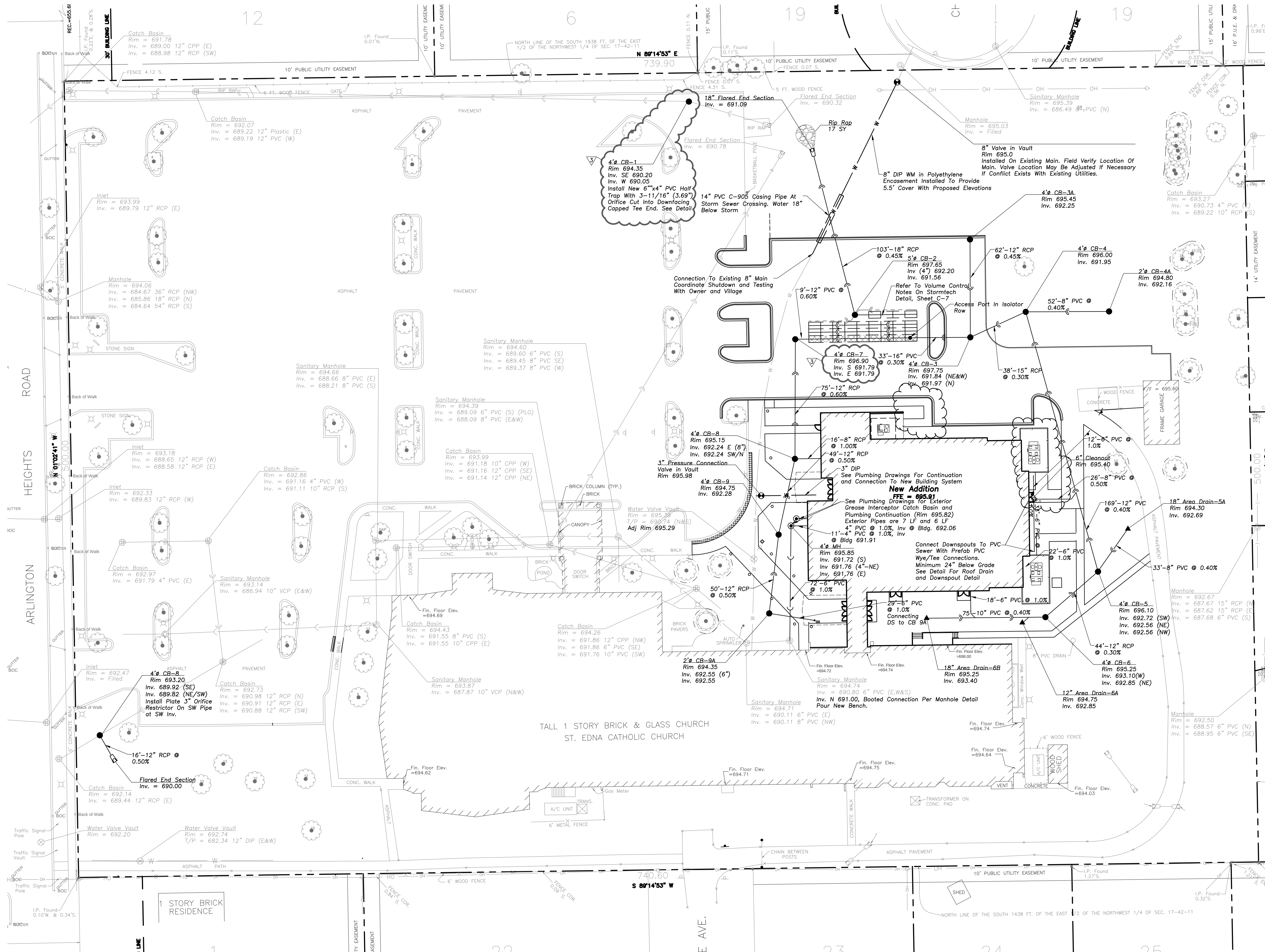
ISSUE	REVISION	MM.DD.YY
1	PLAN COMMISSION	09.25.17
2	PLAN COMMISSION	08.18.17
3	BID SET	05.01.17
4	100% DD	03.01.16
5	95% DD	02.23.16
6	50% DD	02.09.16

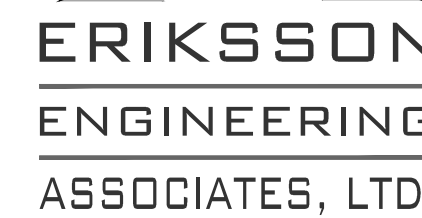
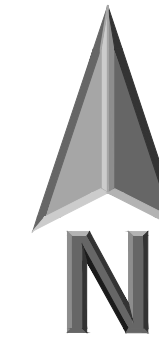
SITE UTILITY PLAN

DRAWN: _____	PLAT DATE: 05/01/2017
CHECKED: _____	
JOB NUMBER: 1020	C-4

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

J.U.L.I.E.





**NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARL**

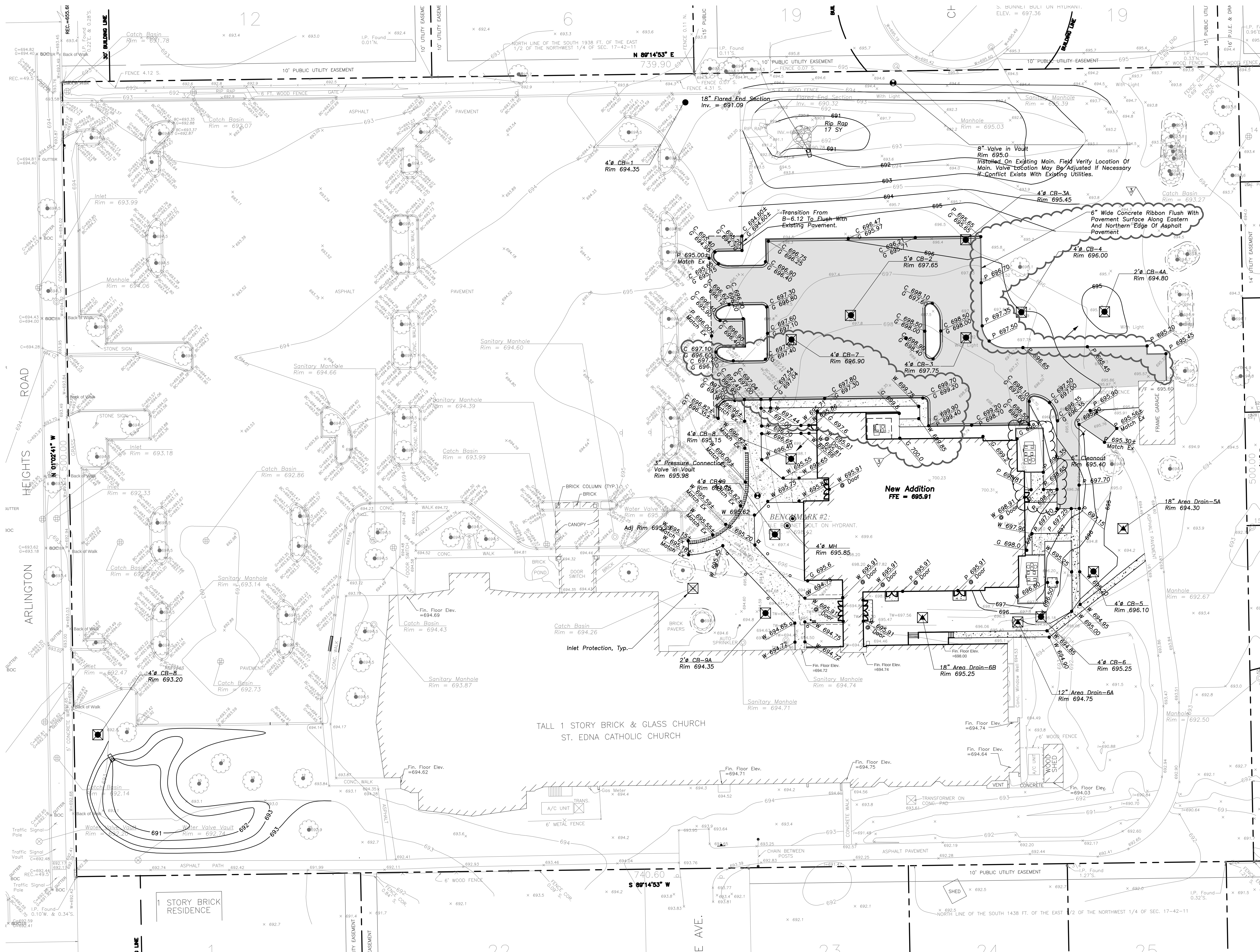


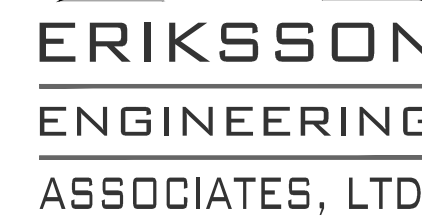
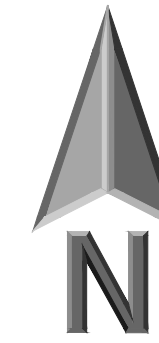
GRADING AND PAVING PLAN

CHECKED:	
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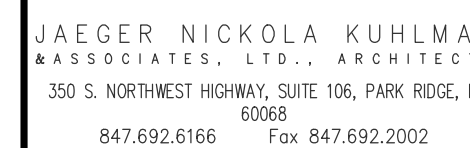
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**NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARL**



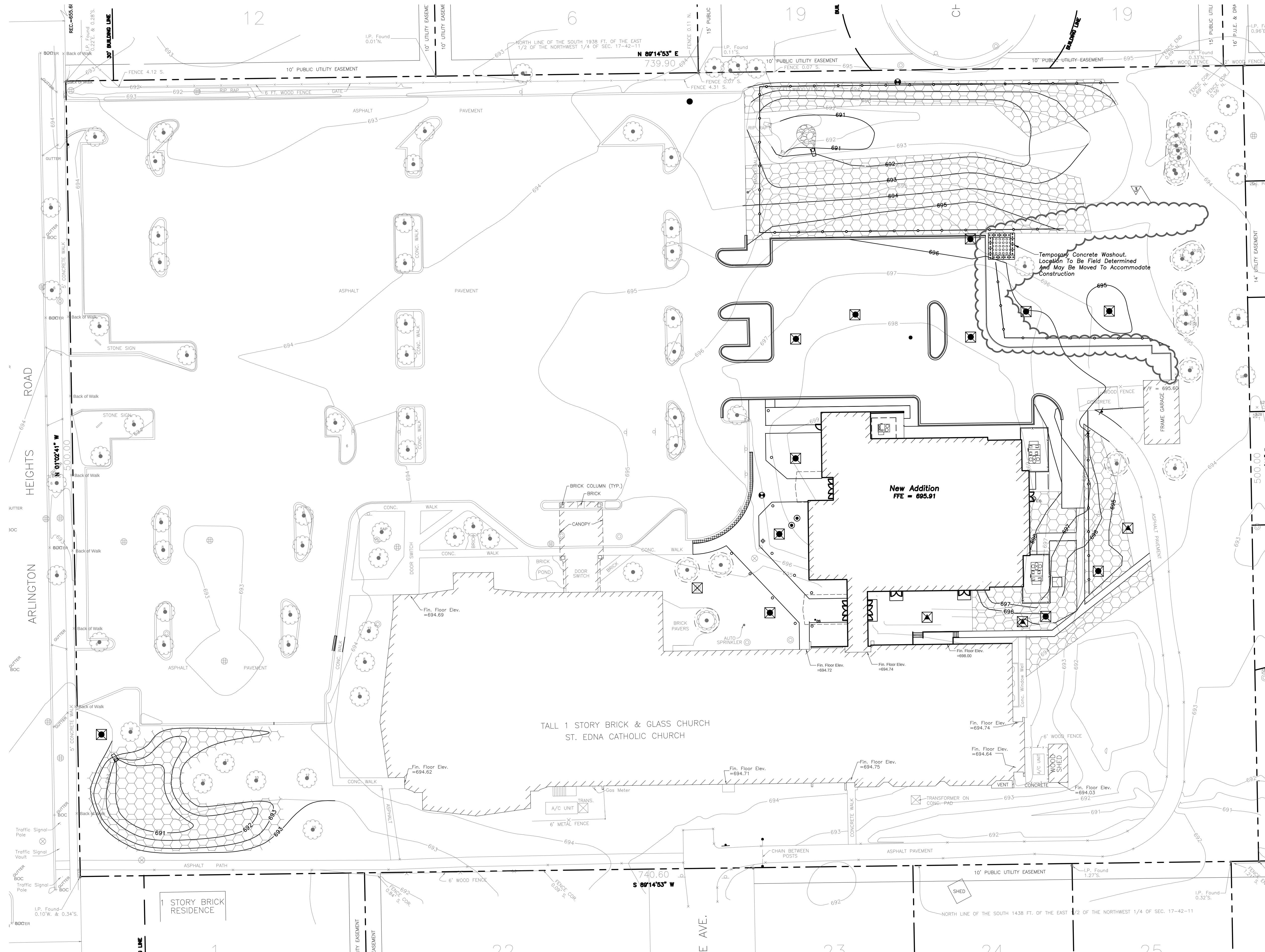
SOIL EROSION & SEDIMENT CONTROL PLAN

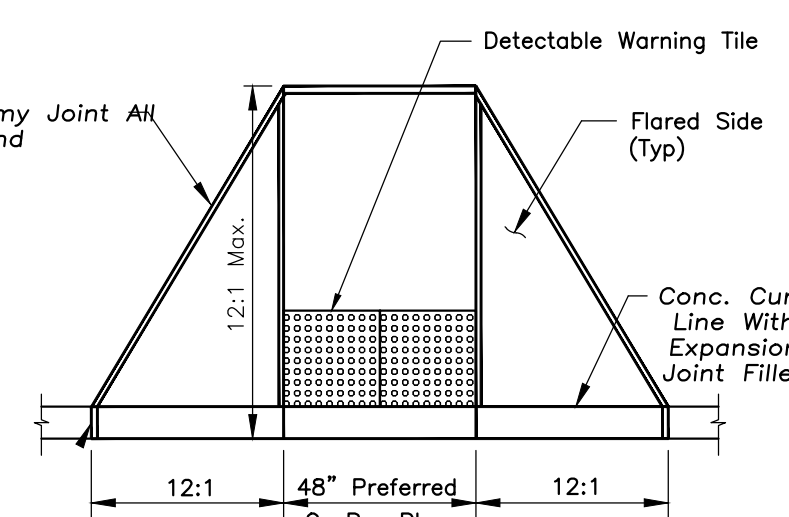
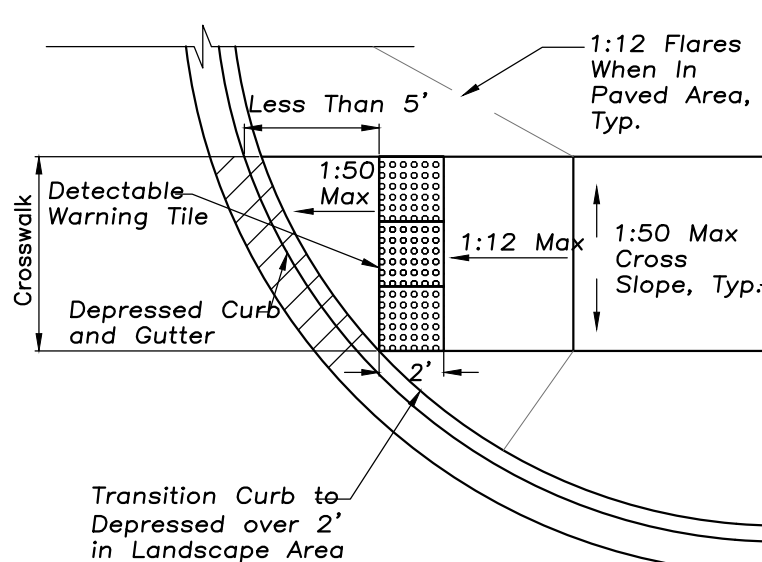
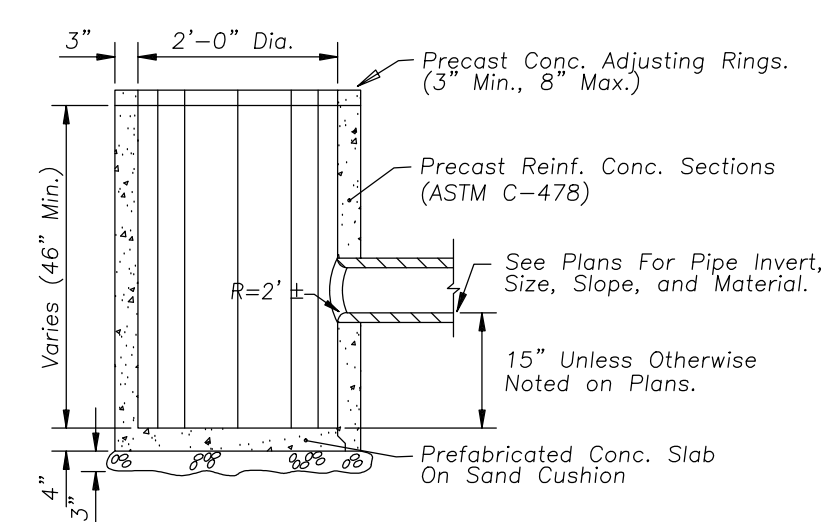
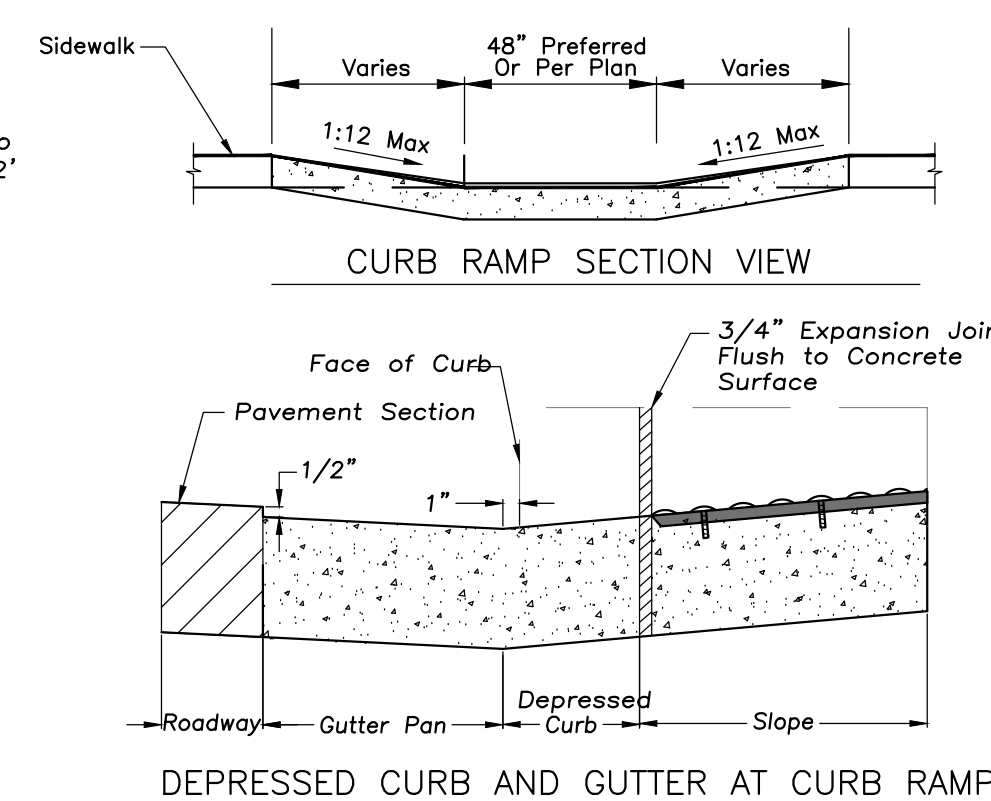
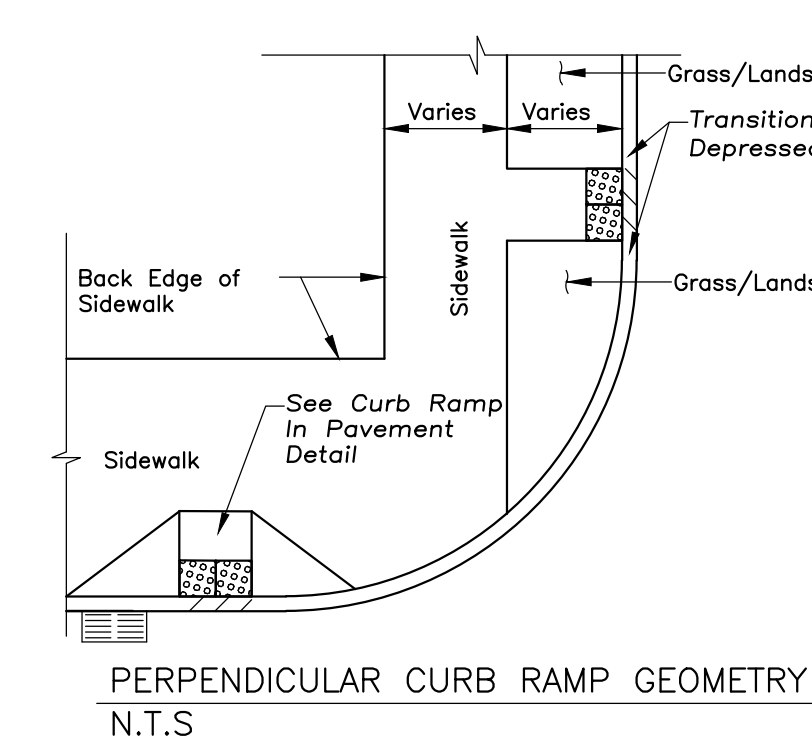
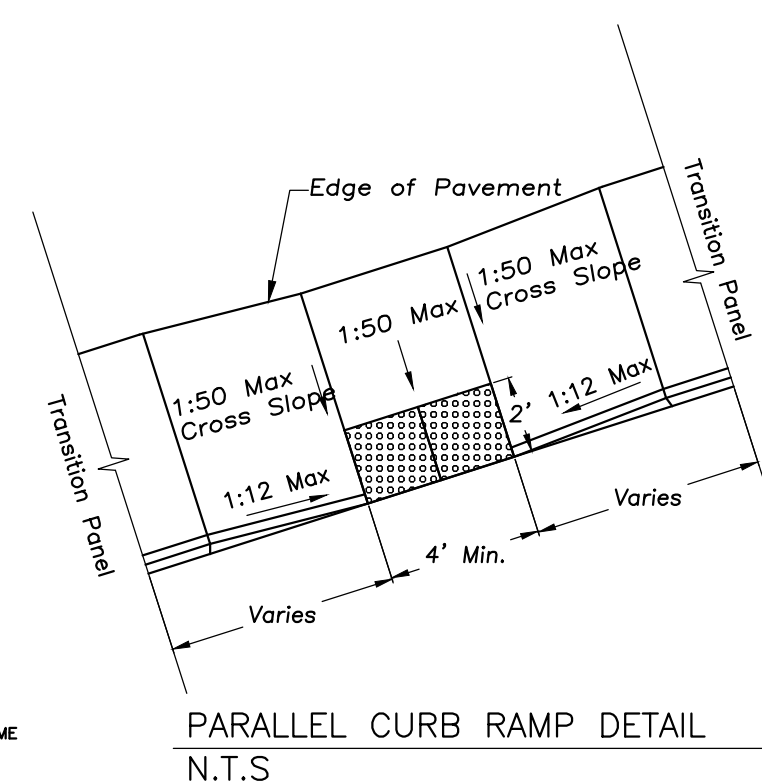
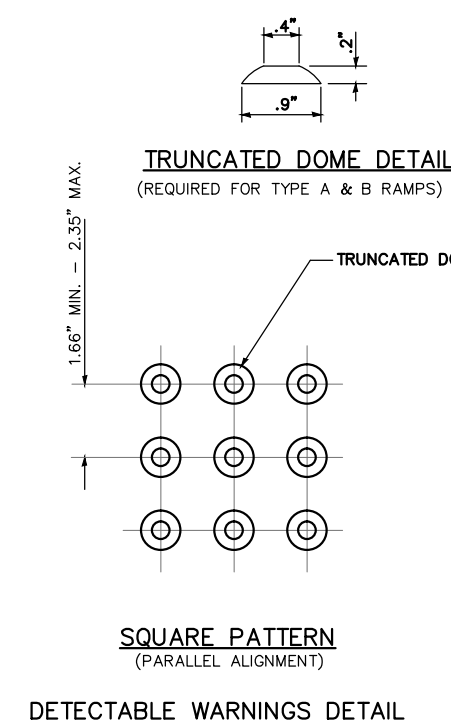
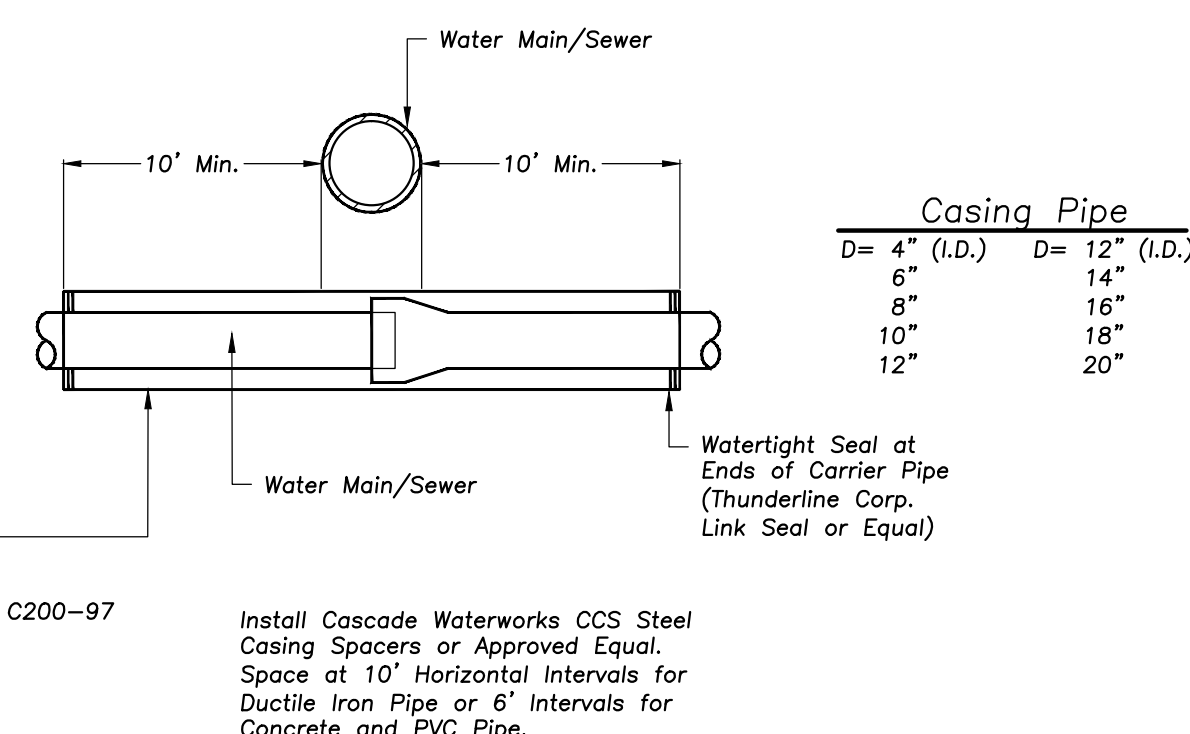
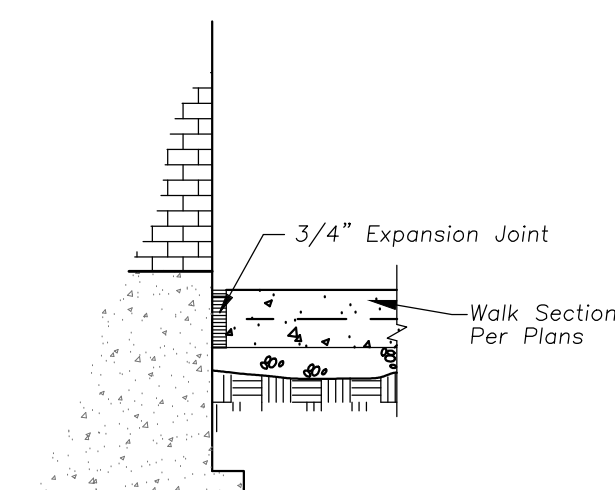
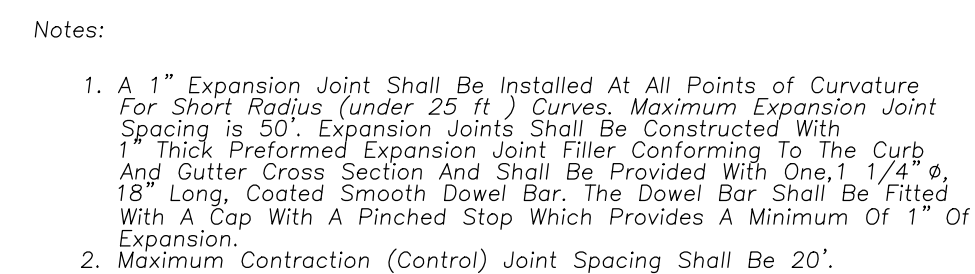
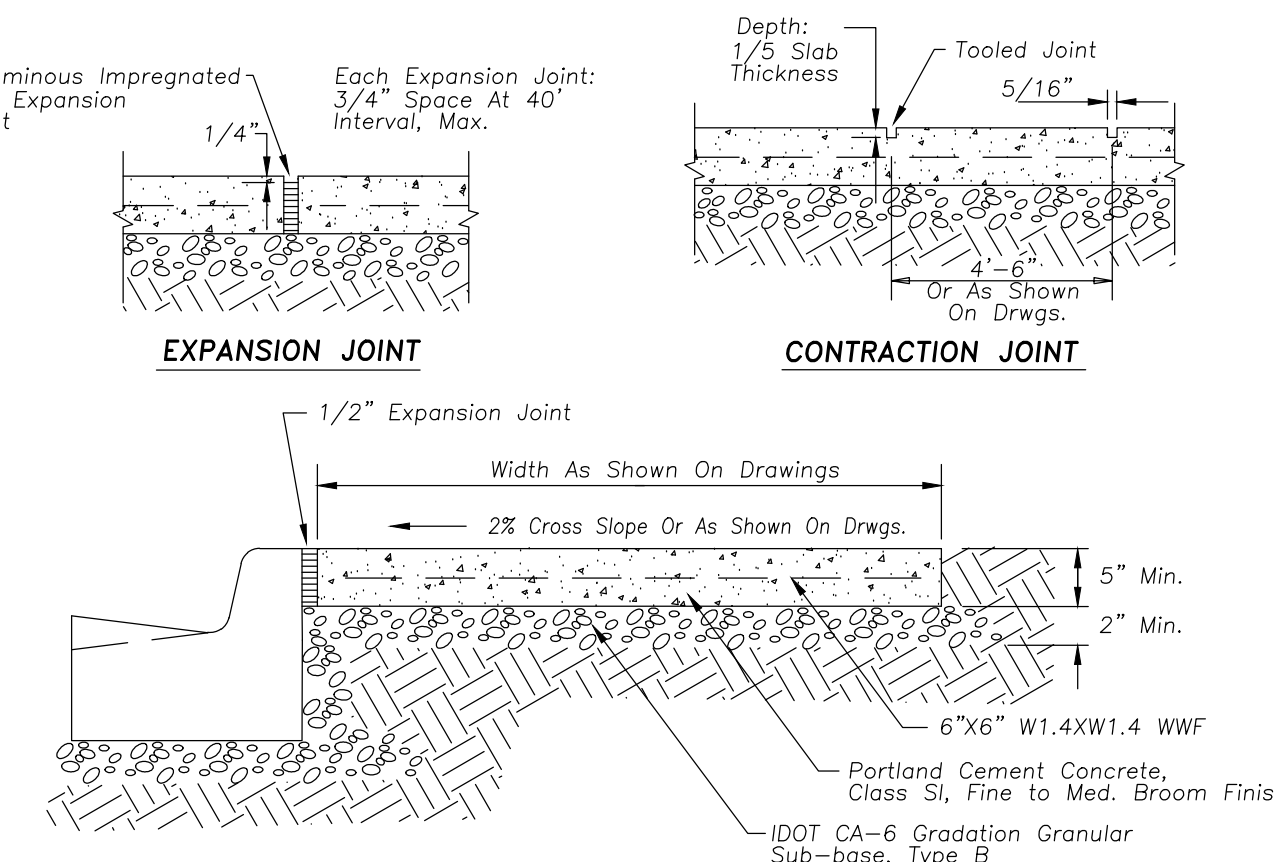
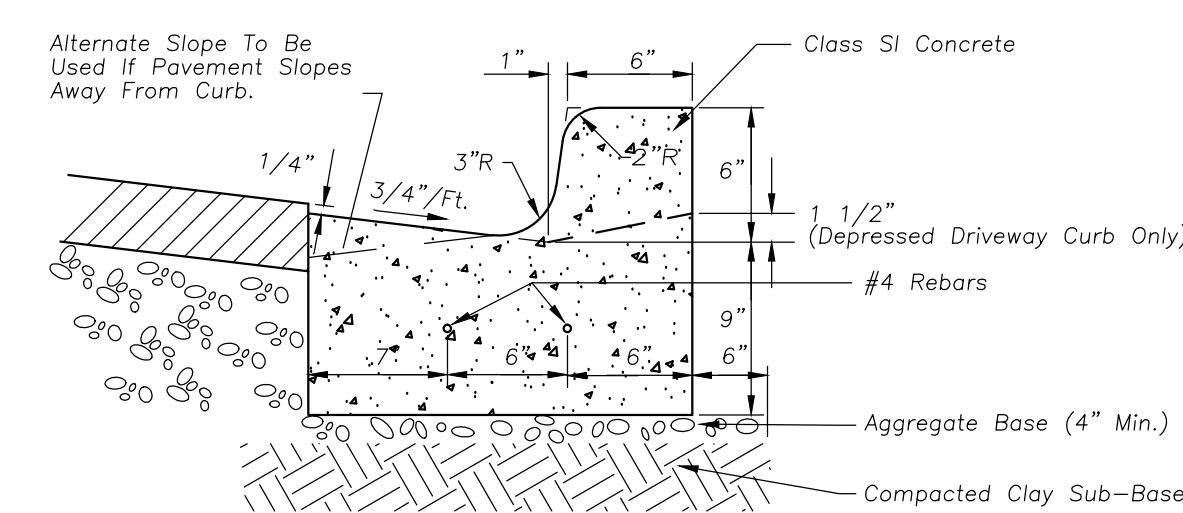
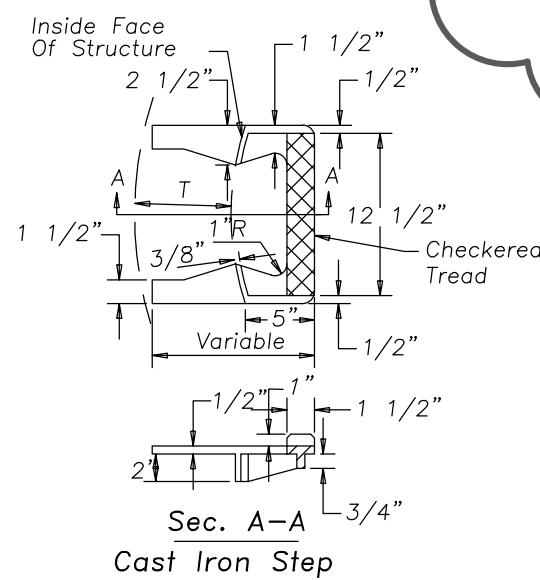
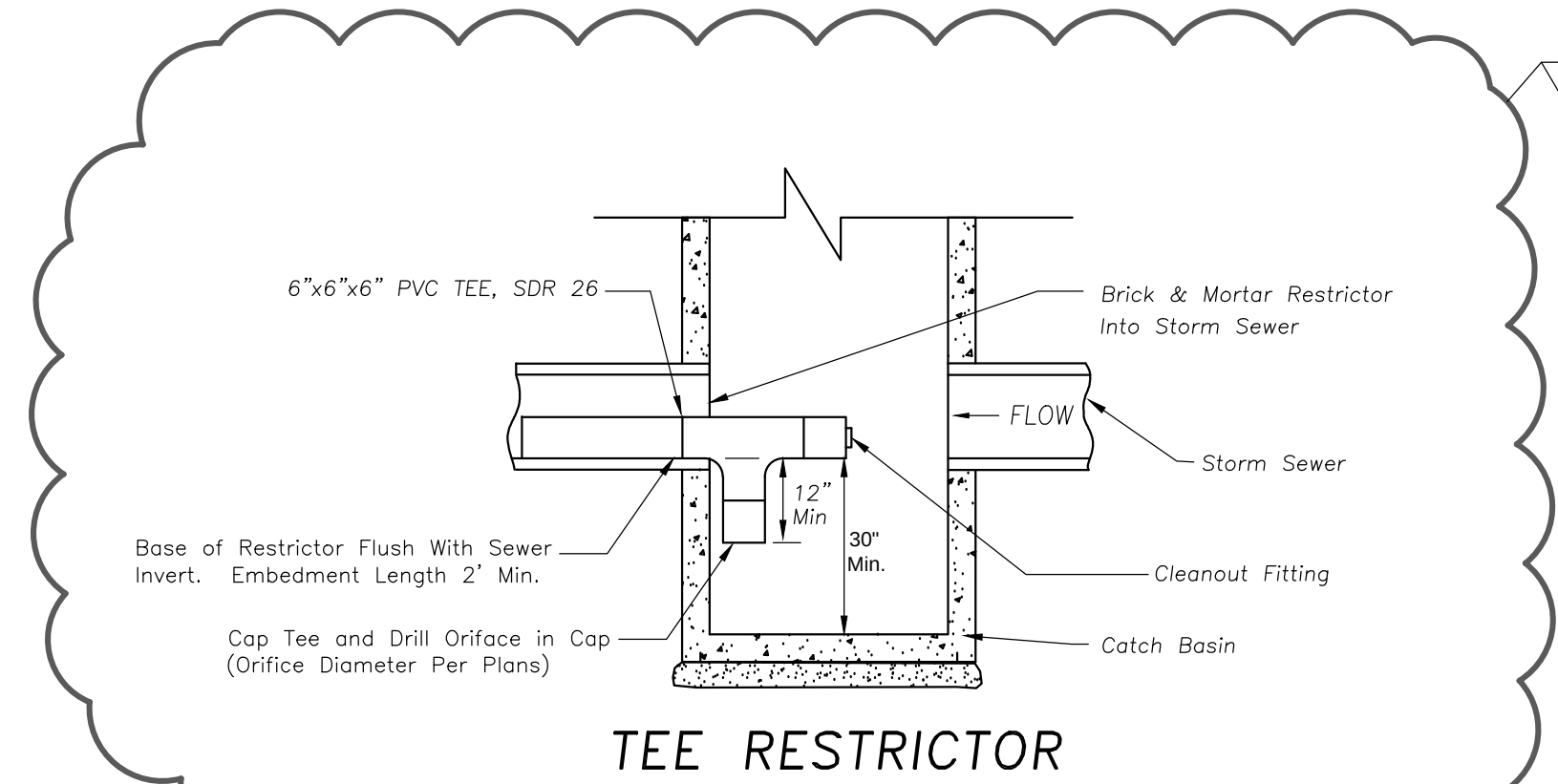
----- 05/01/2017

C 5A

1020	
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**NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARL**



	ISSUE REVISION	MM.DD.YY
3	PLAN COMMISSION PLAN COMMISSION SUBMITTAL	09.25.17 08.18.17
	BID SET	05.01.17
	100% DD	03.01.16
	95% DD	02.23.16
	50% DD	02.09.16
NO.	DESCRIPTION	DATE

SITE DETAILS

DRAWN: _____ PLOT DATE: _____

CHECKED:	
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JOB NUMBER:
1020

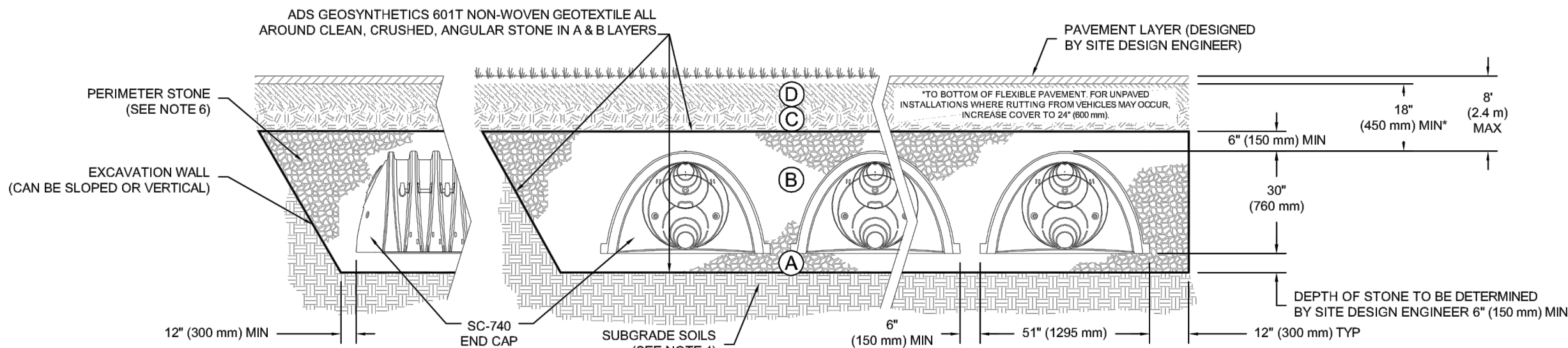
© 2009 Nikoloz Kubikov & Associates LTD 2017

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M414's A-1, A-2.4, A-3 OR AASHTO M431 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 150 mm MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GRADES VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M31 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M431 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ¹¹

1. THE LISTED ASHES/ DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".

2. CONTACT TECHNICAL CONSULTING REQUIREMENTS ARE MET FOR "A" LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) MAX LIFTS USING TWO FULL COVERSAGES WITH A VIBRATORY COMPACTOR

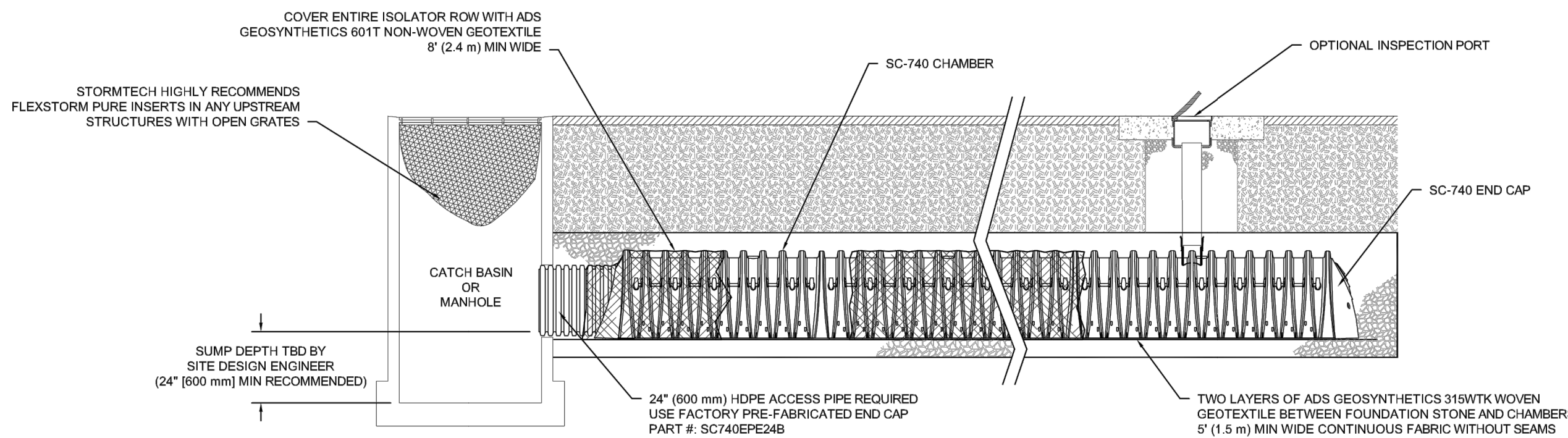
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



1. SC-740 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2141 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
4. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
5. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
6. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.

 ADVANCED DRAINAGE SYSTEMS, INC. 4640 TULLAH BLVD. SUITE 200 FARMERSBURGH, NY 14075-2625 1-800-733-4773		 StormTech [®] <i>Customer Analysis. Water Study.</i> 79 WOODBINE BLVD ROCKY HILL, CT 06067 860-258-8188 860-492-2861 WWW.STORMTECH.COM										
		REV	DRAWN	CHECK	DESCRIPTION							
		01/18/16	JLM	JLM	UPDATE							
						STANDARD CROSS SECTION						
						DATE	11/18/14	DRAWN:	JLM	PROJECT #:	CHECKED:	JLM
						SC-740						

1 OF 1



SC-740 ISOLATOR ROW DETAIL
NTS

STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT

- A. INSPECTION PORTS (IF PRESENT)
 - A.1. REMOVE COVER LID ON W/NO PLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXFOAM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
- F SEDIMENT IS 6" AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2; IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR ROWS
 - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
 - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - B.3. IF SEDIMENT IS 6" AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2; IF NOT, PROCEED TO STEP 3.

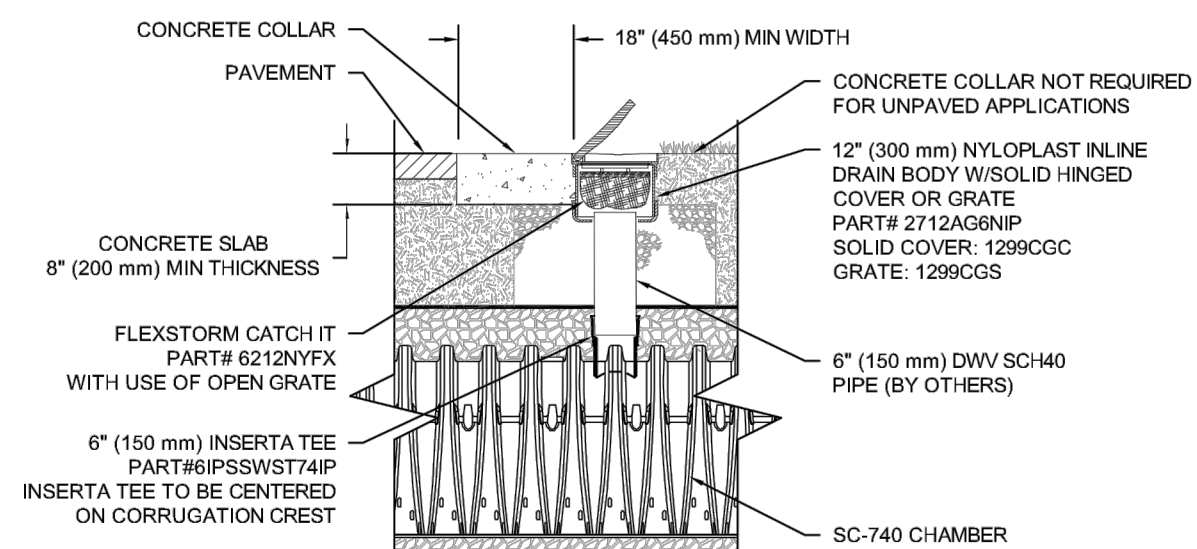
STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS

- A. FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE PUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

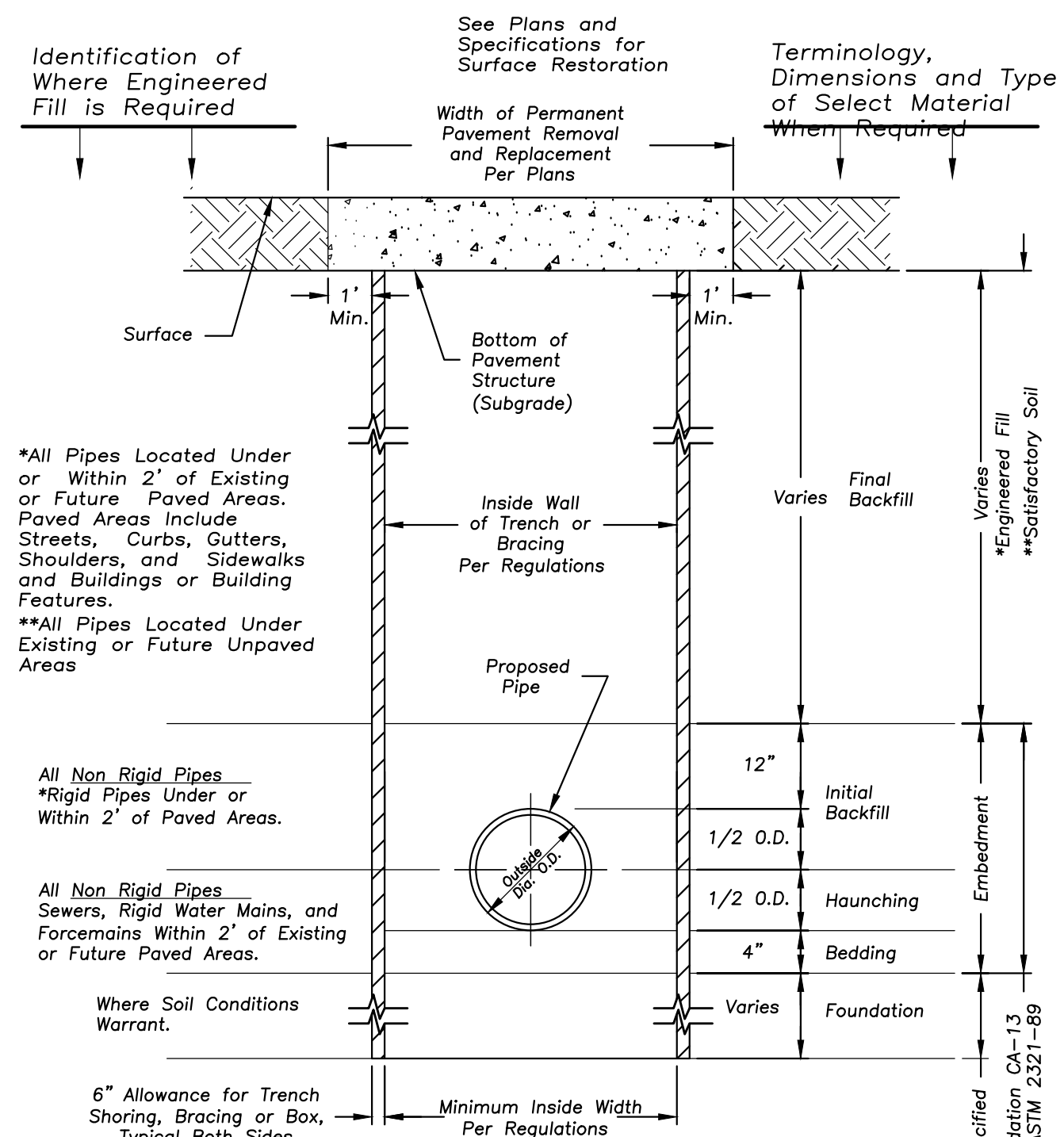
1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



SC-740 6" INSPECTION PORT DETAIL
NTS

 4DS ADVANCED DRAINAGE SYSTEMS, INC.	 StormTech [®] Customer Satisfaction. Your Commitment. 75 NIMMO ROAD, SUITE 11000 • HILL, CT 06037 860.325.7100 • FAX 860.325.7101 • WWW.STORMTECH.COM	1640 TRULAND BLVD HILLIARD, OH 43026 614-833-7473		SC-740 ISOLATOR ROW DETAILS		
		REV	DRAWN	CHECK	DESCRIPTION	
		01/10/16	JLM	JLM	UPDATE INSPECTION PORT	
		DATE	11/18/14	DRAWN	JLM	
		PROJECT #		CHECKED	JLM	

1 OF 1



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

NEW ADDITION AND INTERIOR RENOVATIONS TO:

ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARLINGTON HEIGHTS, IL 60004



JAEGER NICKOLA KUHLMAN
& ASSOCIATES, LTD., ARCHITECTS
350 S. NORTHWEST HIGHWAY, SUITE 106, PARK RIDGE, IL
60068
847.692.6166 Fax 847.692.2002

	ISSUE REVISION	MM.DD.YY
3	PLAN COMMISSION	09.25.17
	PLAN COMMISSION SUBMITTAL	08.18.17
	BID SET	05.01.17
	100% DD	03.01.16
	95% DD	02.23.16
	50% DD	02.09.16

SITE DETAILS

DRAWN:	PLOT DATE:
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CHECKED:

JOB NUMBER

C-7



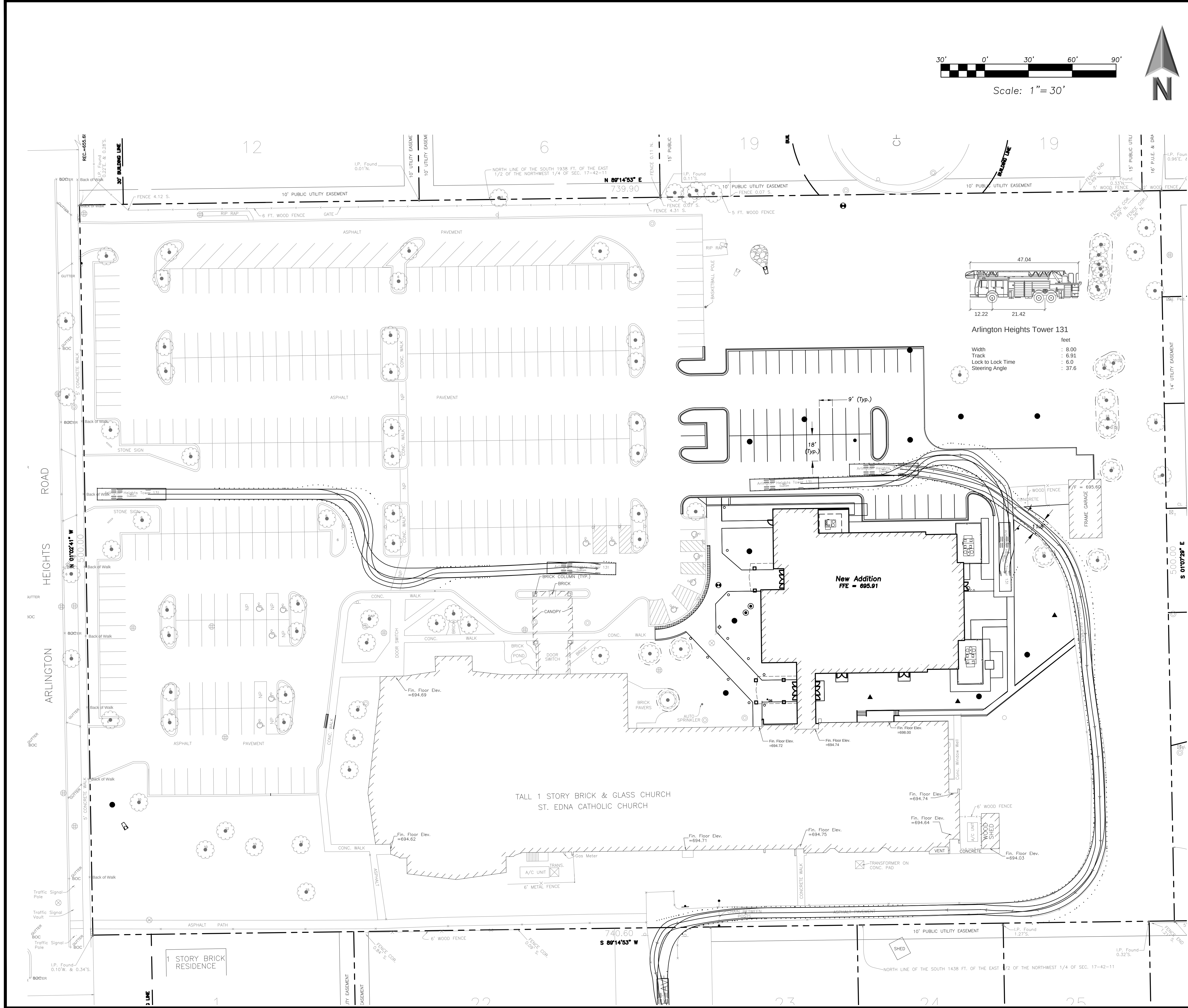
"CATCH-ALL" INLET PROTECTORS

NO PARKING - FIRE LANE



**NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD., ARL.**

SITE DETAILS	
DRAWN:	PLOT DATE:
----	05/01/2017
CHECKED:	C-8
—	
JOB NUMBER:	
1020	

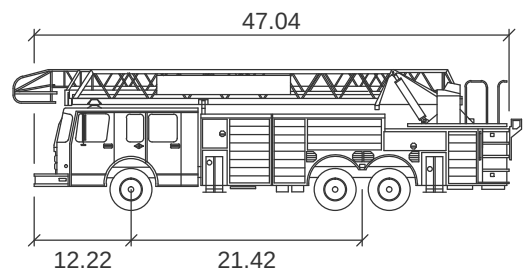


**ERIKSSON
ENGINEERING
ASSOCIATES, LTD.**

145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
PHONE (847) 223-4804
FAX (847) 223-4864
EMAIL INFO@EEA-LTD.COM

LEGEND

EXISTING	PROPOSED



Arlington Heights Tower 131
Width : 8.00
Track : 6.91
Lock to Lock Time : 6.0
Steering Angle : 37.6

New Addition
FFE = 695.91

TALL 1 STORY BRICK & GLASS CHURCH
ST. EDNA CATHOLIC CHURCH

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

NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARLINGTON HEIGHTS, IL 60004



JAEGER NICKOLA KUHLMAN
ASSOCIATES, LTD., ARCHITECTS
330 S. NORTHWEST HIGHWAY, SUITE 106, PARK RIDGE, IL
60068
847.692.6166 Fax 847.692.2002

PLAN COMMISSION	09.25.17
PLAN COMMISSION	08.18.17
SUBMITAL	05.01.17
RD SET	05.01.17
100% DD	03.01.16
95% DD	02.23.16
50% DD	02.09.16

**FIRE TRUCK TURNING MOVEMENT
EXHIBIT**

DRAWN: _____ PLOT DATE: 05/01/2017

CHECKED: _____

JOB NUMBER: 1020

FT-1



LEGEND

- EXISTING PARKING
- NEW PARKING
- EXISTING BUILDING TO REMAIN
- PROPOSED REMODELING OF EXISTING BUILDING
- PROPOSED PARISH LIFE CENTER
- EXISTING CONCRETE
- NEW CONCRETE

ZONING INFORMATION

ZONING DISTRICT R-1 PLANNED UNIT DEVELOPMENT		
AREA		
EXISTING CHURCH/DOHERTY CENTER/ HURLEY CENTER	41,700 SF	
NEW PARISH CENTER	13,425 SF	
GARAGE	890 SF	
EXIST. SHED	300 SF	
SITE AREA		
REQUIRED	20,000 SF	370,120 SF
LOT WIDTH	100'-0"	500'-0"
SETBACKS		
FRONT	40'-0"	190'-1"
REAR	30'-0"	139'-8"
SIDE (N)	50'-0"	212'-9"
SIDE* (S)	34'-0"	34'-0"
LOT COVERAGE		
REQUIRED	30%	15.2%
F.A.R.	30%	15.2%
HEIGHT	45'-0"	29'-10"
IMPERVIOUS COVERAGE	58%	215,090 SF

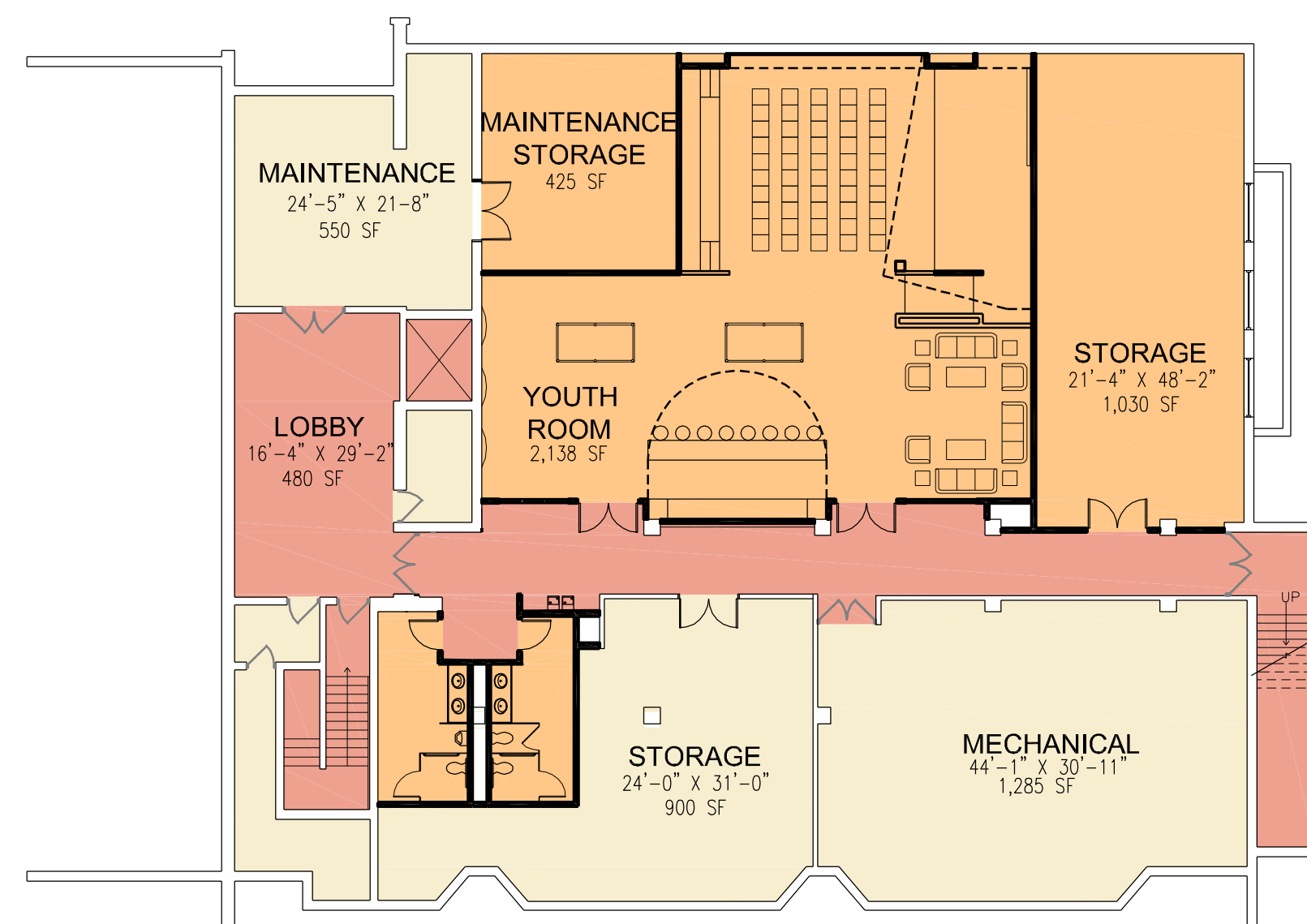
* SIDE SETBACK MODIFIED AS A PART OF ORIGINAL PUD

PARKING INFORMATION

CHURCH	SF	OCC. REQ'D	OCC.	PARKING REQUIREMENT	# OF SPACES REQ'D
NAVE	995			1 SPACE/5 SEATS	199
CHOIR			35	1 SPACE/5 SEATS	7
NARTHEX	130			1 SPACE/5 SEATS	26
COMMUNITY ROOM	990	15 SF/P	66	30% OF OCCUPANCY	20
DOHERTY CENTER					
NURSERY/MULTI-PURPOSE	5835	15 SF/P	389	30% OF OCCUPANCY	117
HURLEY HALL					
EXISTING OFFICE AREA	3750			1 SPACE FOR 300 SF	13
OFFICES	735			1 SPACE FOR 300 SF	3
MEETING ROOMS	2020	15 SF/P	135	30% OF OCCUPANCY	40
YOUTH ROOM	2138	15 SF/P	143	30% OF OCCUPANCY	43
PARISH CENTER					
MULTI-PURPOSE ROOMS (MAIN SPACE)	6540	15 SF/P	436	30% OF OCCUPANCY	131
MULTI-PURPOSE ROOMS (STAGE)	1475	15 SF/P	98	30% OF OCCUPANCY	30
REQUIRED PARKING SPACES					629
PARKING SPACES PROVIDED					377
VARIANCE REQUESTED					252

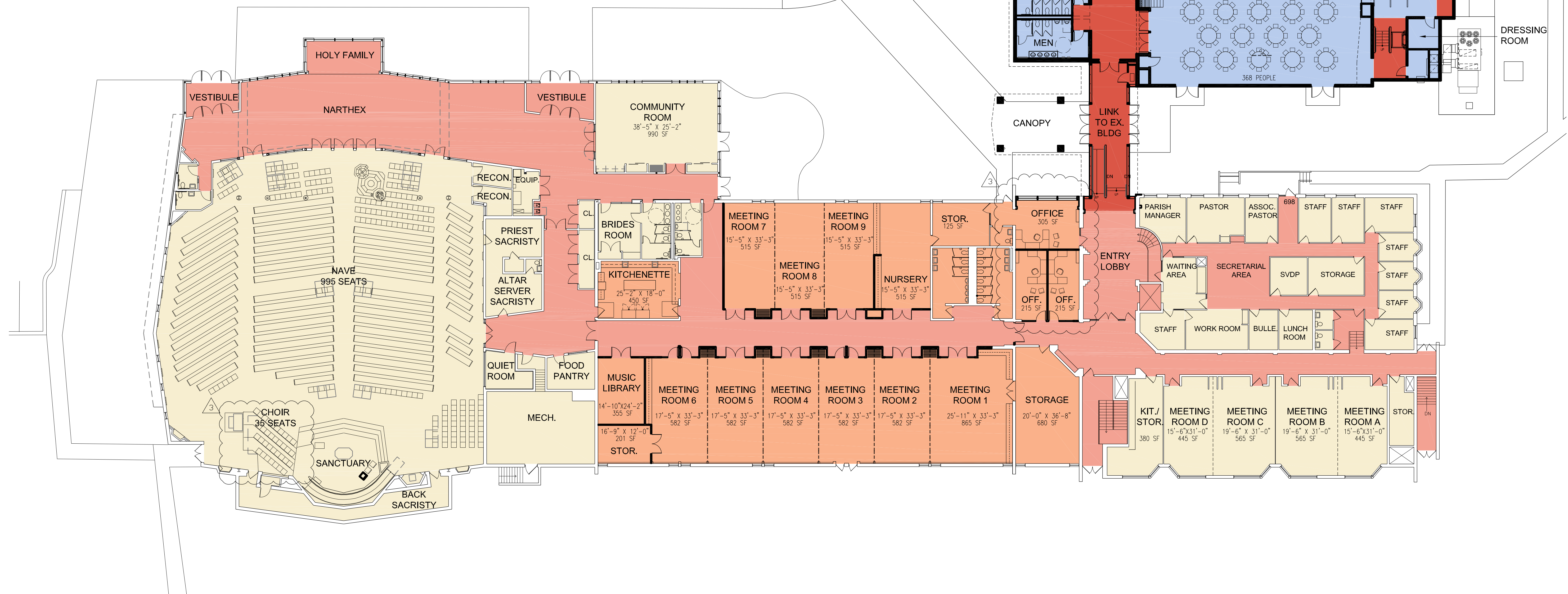
GENERAL NOTES

- THE PROPOSED BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH ALL REFERENCED BUILDING CODES IN THE ARLINGTON HEIGHTS MUNICIPAL CODE.
 - 2009 INTERNATIONAL BUILDING CODE WITH AMENDMENTS
 - 2015 INTERNATIONAL ENERGY CODE WITH AMENDMENTS (AS ADOPTED BY THE STATE OF ILLINOIS)
 - 2009 INTERNATIONAL FIRE CODE WITH VILLAGE AMENDMENTS
 - 2009 INTERNATIONAL FUEL GAS CODE WITH VILLAGE AMENDMENTS
 - 2014 ILLINOIS STATE PLUMBING CODE WITH AMENDMENTS
 - NFPA ELECTRICAL CODE WITH AMENDMENTS
 - 1997 ILLINOIS ACCESSIBILITY CODE
- ALL BUILDING AREAS AND PARKING WILL COMPLY WITH ILLINOIS ACCESSIBILITY CODE REQUIREMENTS.
- FIRE SPRINKLERS WILL BE PROVIDED THROUGHOUT THE NEW ADDITION.
- FIRE ALARM NOTIFICATIONS SHALL BE PROVIDED THROUGHOUT THE NEW ADDITION. SEE FIRE ALARM DRAWINGS.
- THE EXISTING GARAGE IS USED FOR THE STORAGE OF OUTSIDE MAINTENANCE EQUIPMENT.



PROPOSED MASTER PLAN LOWER
LEVEL HURLEY CENTER

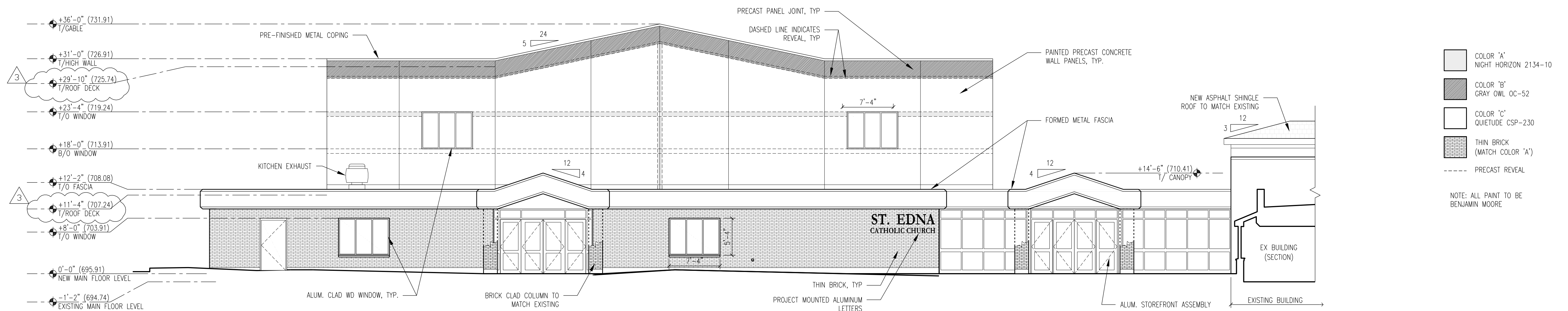
- NEW CONSTRUCTION
- NEW CIRCULATION
- REMODELED SPACE
- EXISTING TO REMAIN
- EXISTING CIRCULATION



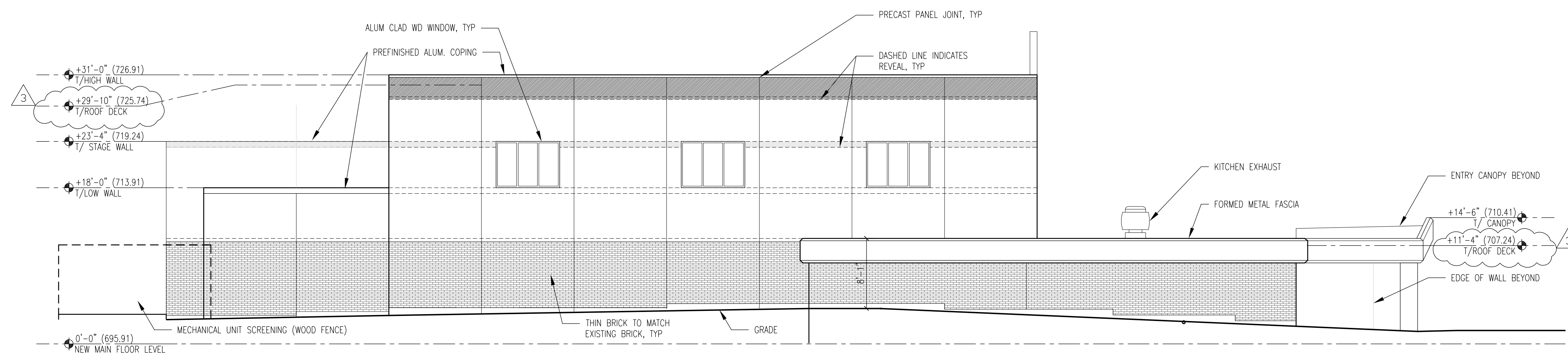
PROPOSED FLOOR PLAN



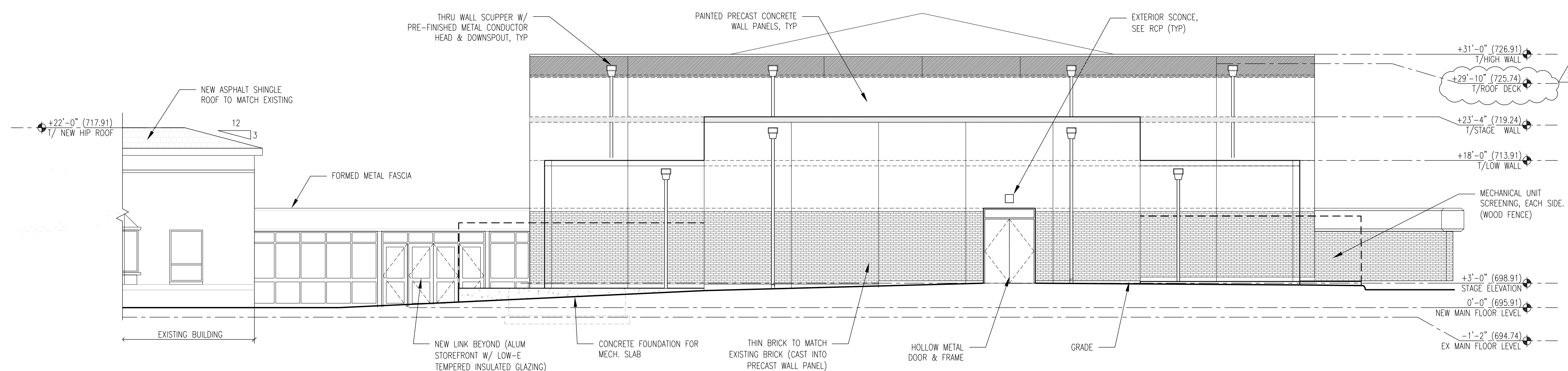




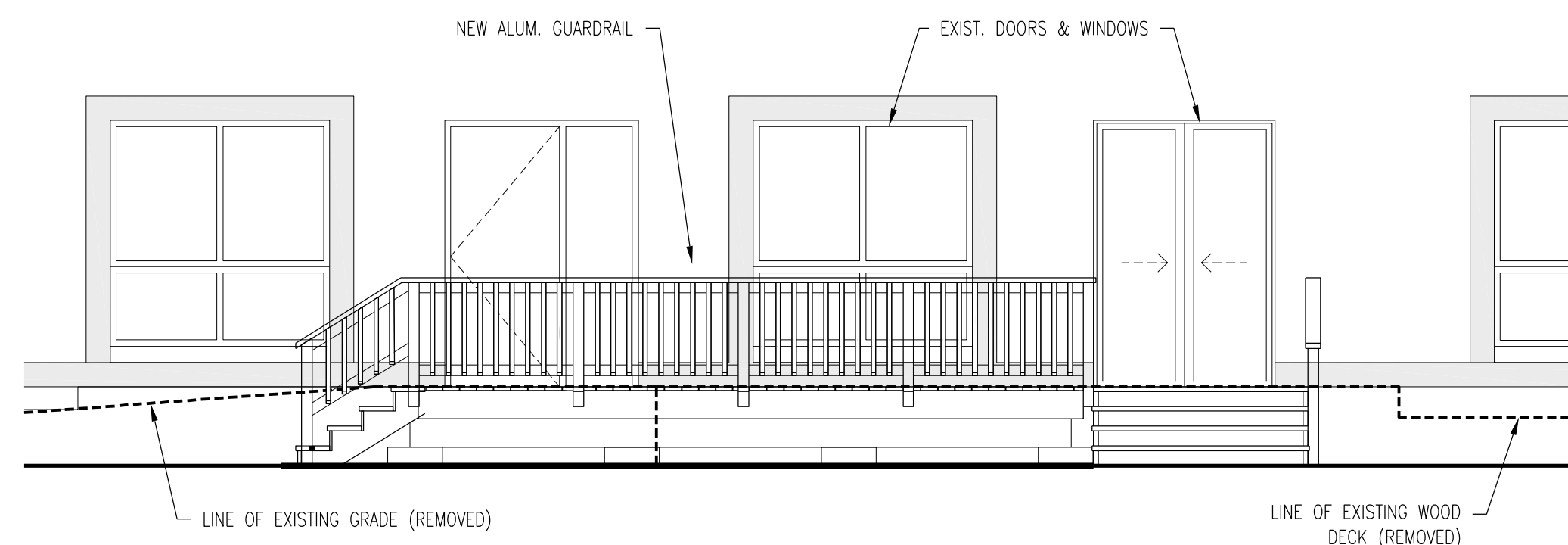
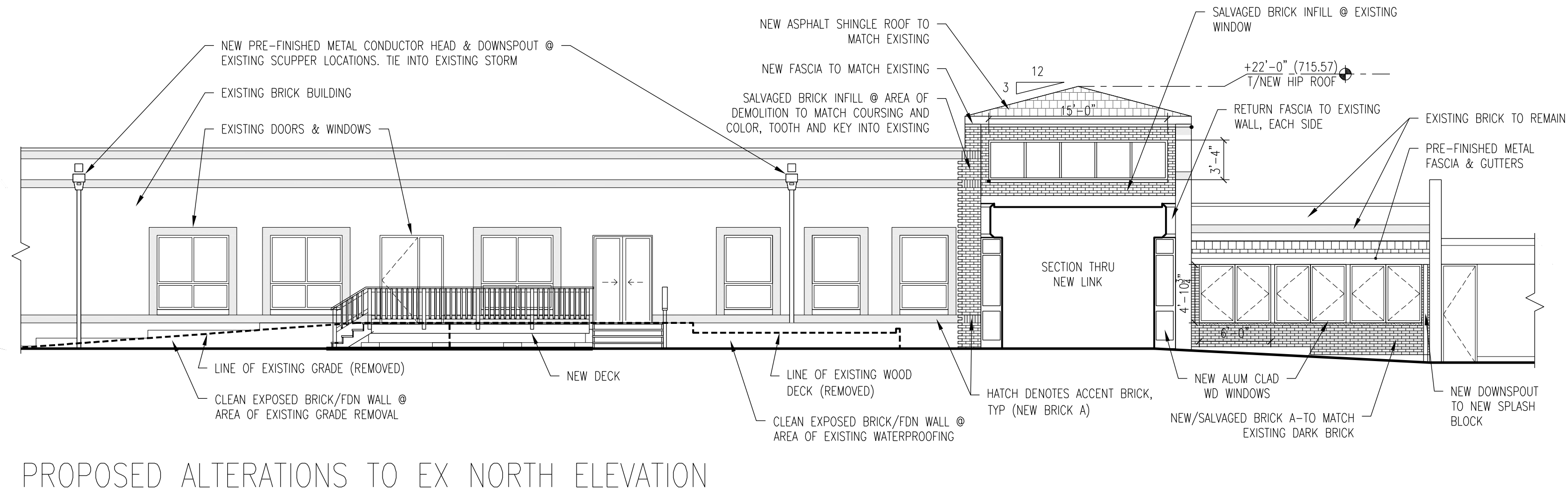
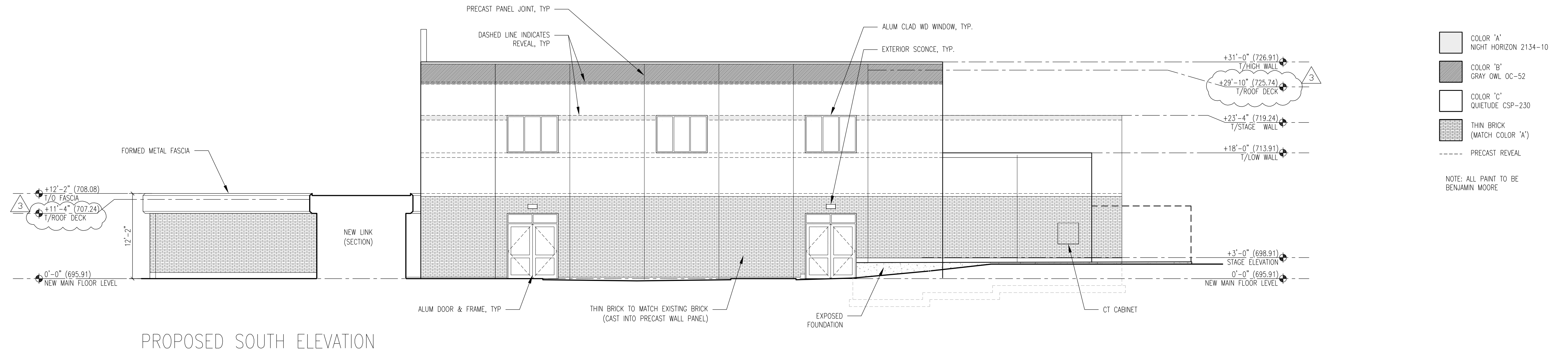
PROPOSED WEST ELEVATION



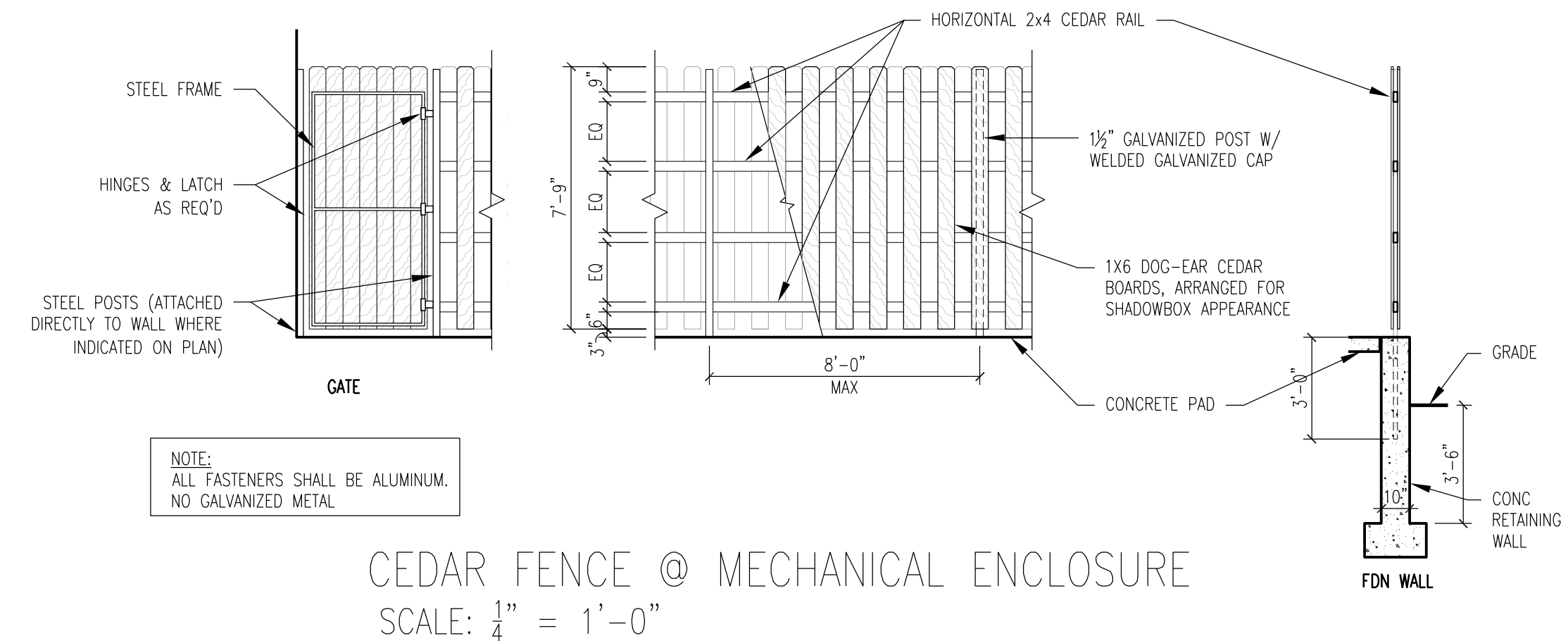
PROPOSED NORTH ELEVATION



PROPOSED EAST ELEVATION



PROPOSED ALTERATIONS TO HURLEY CENTER DECK
SCALE: $\frac{1}{4}" = 1'-0"$







PROPOSED NORTHWEST PERSPECTIVE



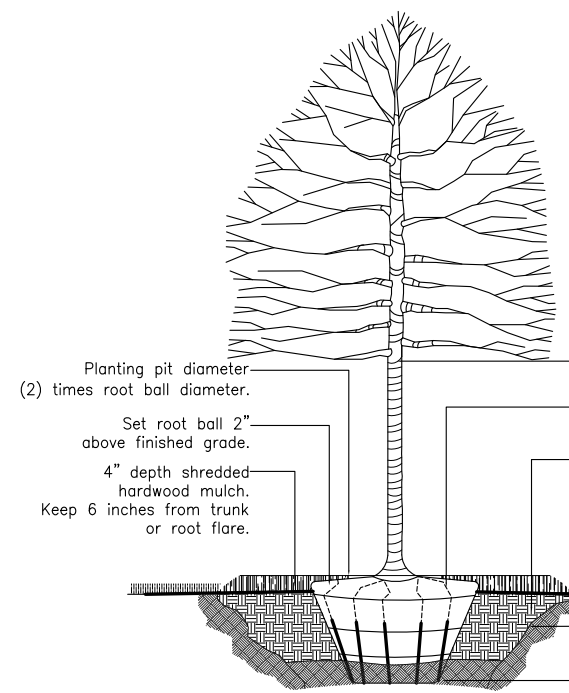
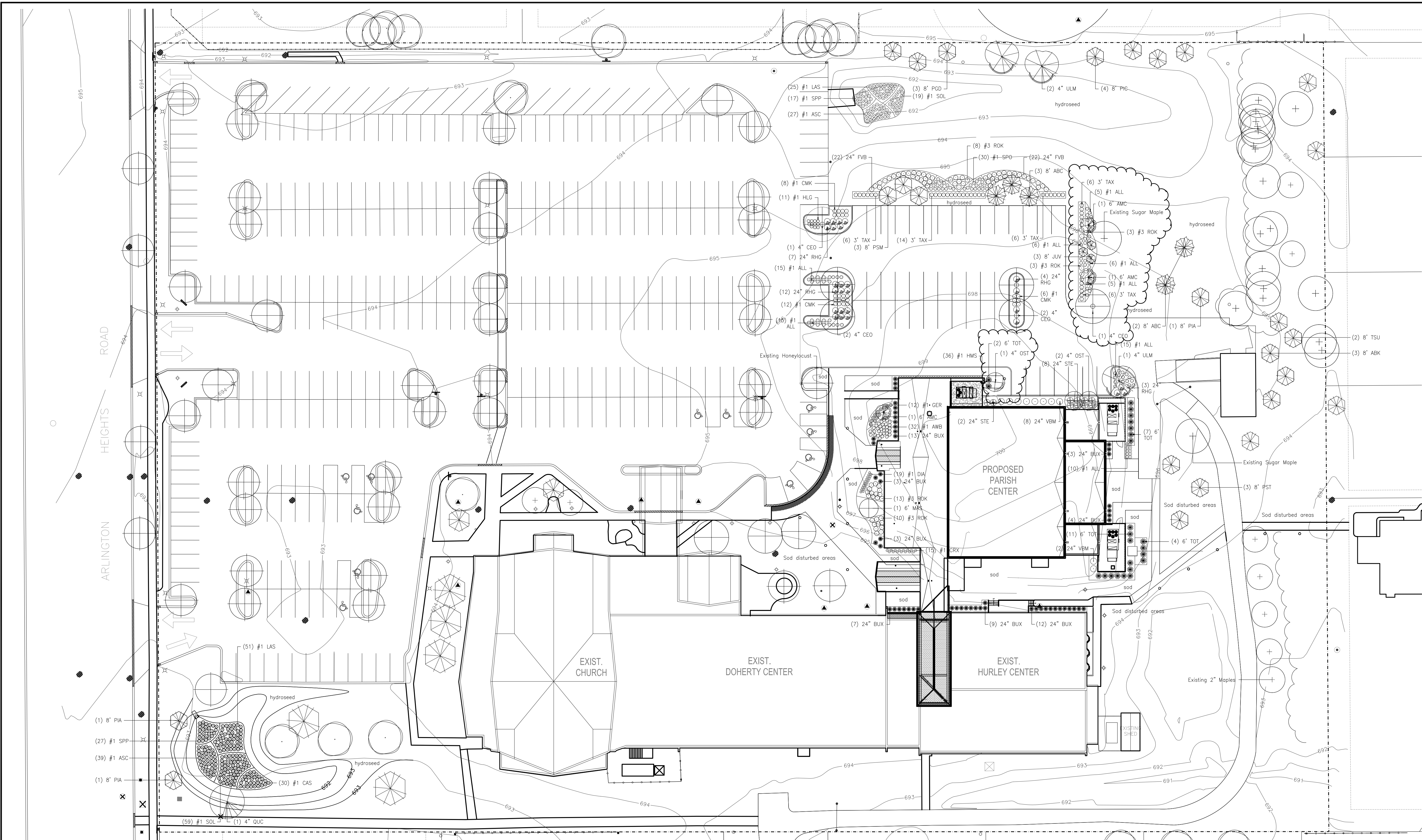
PROPOSED WEST PERSPECTIVE



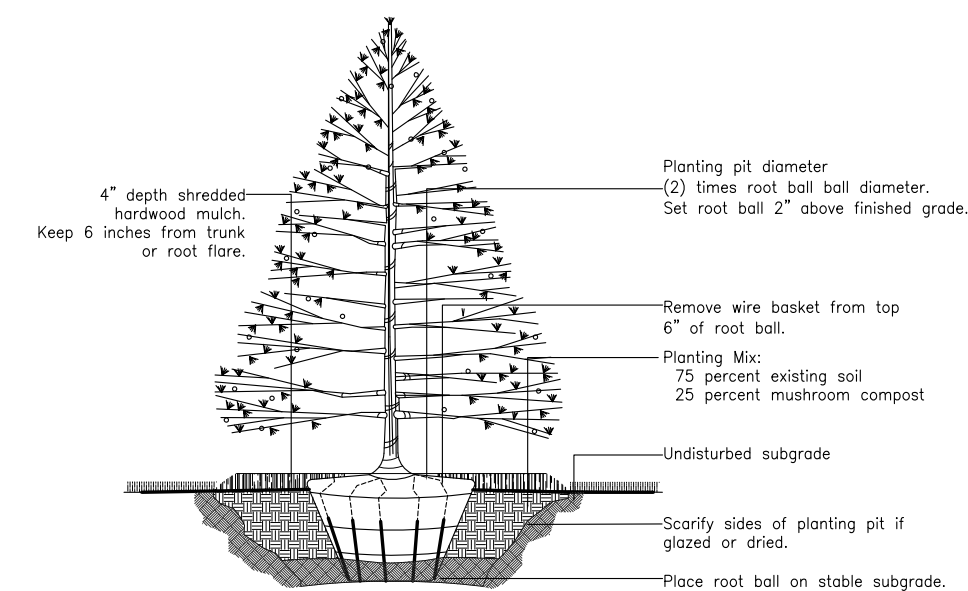
PROPOSED NORTHEAST PERSPECTIVE



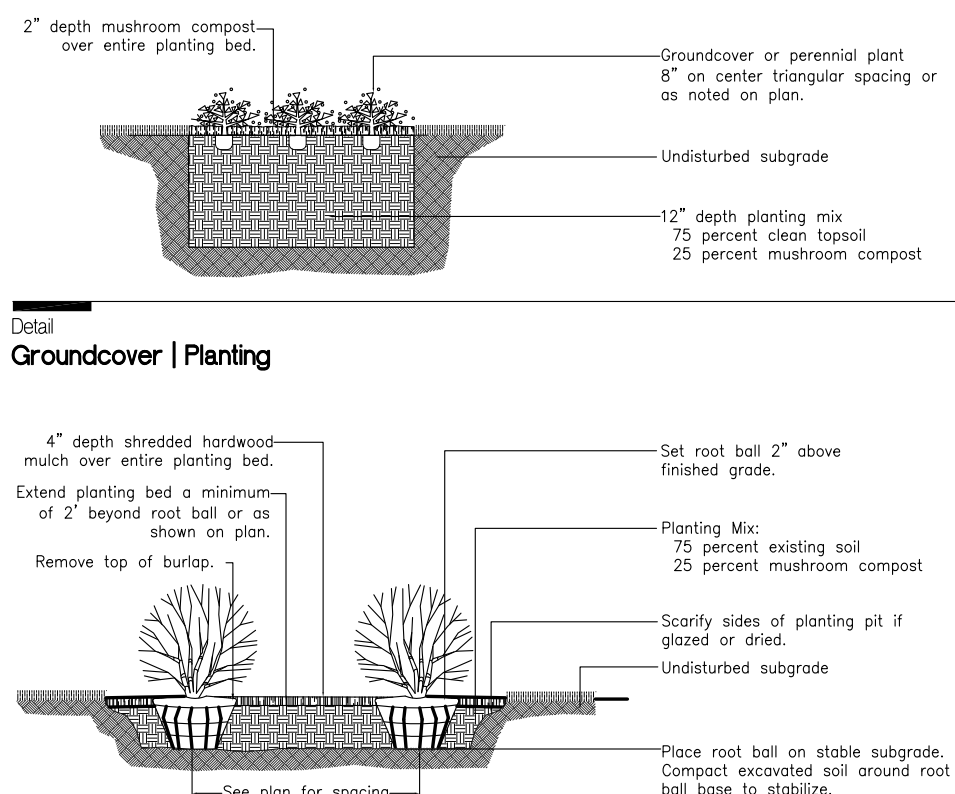
PROPOSED SOUTHEAST PERSPECTIVE



Detail
Deciduous Tree Planting



Detail
Evergreen Tree Planting



Detail
Shrub Planting

Plant List

Shade Trees	Key	Qty.	Size	Botanical Name	Common Name	Remarks
CEO	6	4"		Celtis occidentalis "Prairie Pride"	Prairie Pride Common Hackberry	BB
OST	3	4"		Diospyros virginiana	Red Oak	BB
ULM	1	4"		Ulmus x 'Regal'	Regal Elm	BB
Evergreen Trees	Key	Qty.	Size	Botanical Name	Common Name	Remarks
ABC	5	8"		Abies concolor	Concolor Fir	BB
ABK	5	8"		Abies koreana 'Horstmanns Silberke'	Korean Fir	BB
JUV	1	8"		Juniperus chinensis 'Fairview'	Fairview Juniper	BB
RSD	1	8"		Picea glauca 'Densata'	Black Hills Spruce	BB
PIC	4	8"		Picea oboata	Norway Spruce	BB
PC	4	8"		Picea pungens	Colorado Spruce	BB
PSM	4	8"		Pseudotsuga menziesii	Douglas Fir	BB
PST	1	8"		Pinus strobus	White Pine	BB
TSU	2	8"		Thuja canadensis	Canadian Hemlock	BB
Ornamental Trees	Key	Qty.	Size	Botanical Name	Common Name	Remarks
MAS	3	8"		Amelanchier canadensis	Shadblow Serviceberry	BB-Dump
MAG	1	8"		Magnolia stellata 'Royal Star'	Royal Star Magnolia	BB-Dump

Shrubs	Key	Qty.	Size	Botanical Name	Common Name	Remarks
BUX	54	24"		Buxus 'Glencoe'	Chicagoland Green Boxwood	BB
PVB	44	24"		Boxwood v. 'Broussais'	Boxwood Dwarf Forsythia	BB
RHG	25	24"		Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	BB
ROK	37	6"		Rosa 'Ridgway'	Pink Knockout Rose	BB
STE	10	24"		Stephanandra incisa 'Crispa'	Cutleaf Stephanandra	BB
TAX	32	6"		Taxus media 'Nictitans'	Hicks Tree	BB
TOT	24	6"		Thuja occidentalis 'Techny'	Mission Arborvitae	BB
VBM	10	24"		Viburnum dentatum 'Christina'	Blue Mufin Viburnum	BB
Perennials, Ornamental Grass and Groundcovers	Key	Qty.	Size	Botanical Name	Common Name	Remarks
ALL	55	#1		Allium 'Summer Beauty'	Summer Beauty Allium	Container
ASC	66	#1		Asclepias tuberosa	Butterflyweed	Container
AWB	32	#1		Aster dumosus 'Wood's Blue'	Wood's Blue Aster	Container
CAS	37	#1		Carex stipitata	Common Fox Sedge	Container
CAF	26	#1		Colomatragria scutellaria 'Karl Foerster'	Feather Reed Grass	Container
CRX	15	#1		Cornus 'Elegans'	Everglade Sedge	Container
DIA	19	#1		Dianthus gratiopolitanus 'Firewitch'	Firewitch Cheddar Pinks	Container
GER	12	#1		Geranium 'Jolly Day'	Jolly Day Geranium	Container
HLC	11	#1		Heimericallia 'Little Grapette'	Little Grapette Daylily	Container
HMS	16	#1		Hemerocallis 'Mini Stella'	Mini Stella Daylily	Container
LAS	76	#1		Liatris spicata	Rough Blazingstar	Container
SOL	76	#1		Solidago rigida	Rigid Goldenrod	Container
SPD	30	#1		Sporobolus heterolepis	Prairie Dropseed	Container
SPR	44	#1		Spartina pectinata	Prairie Cordgrass	Container

LANDSCAPE PLAN
1"=30'

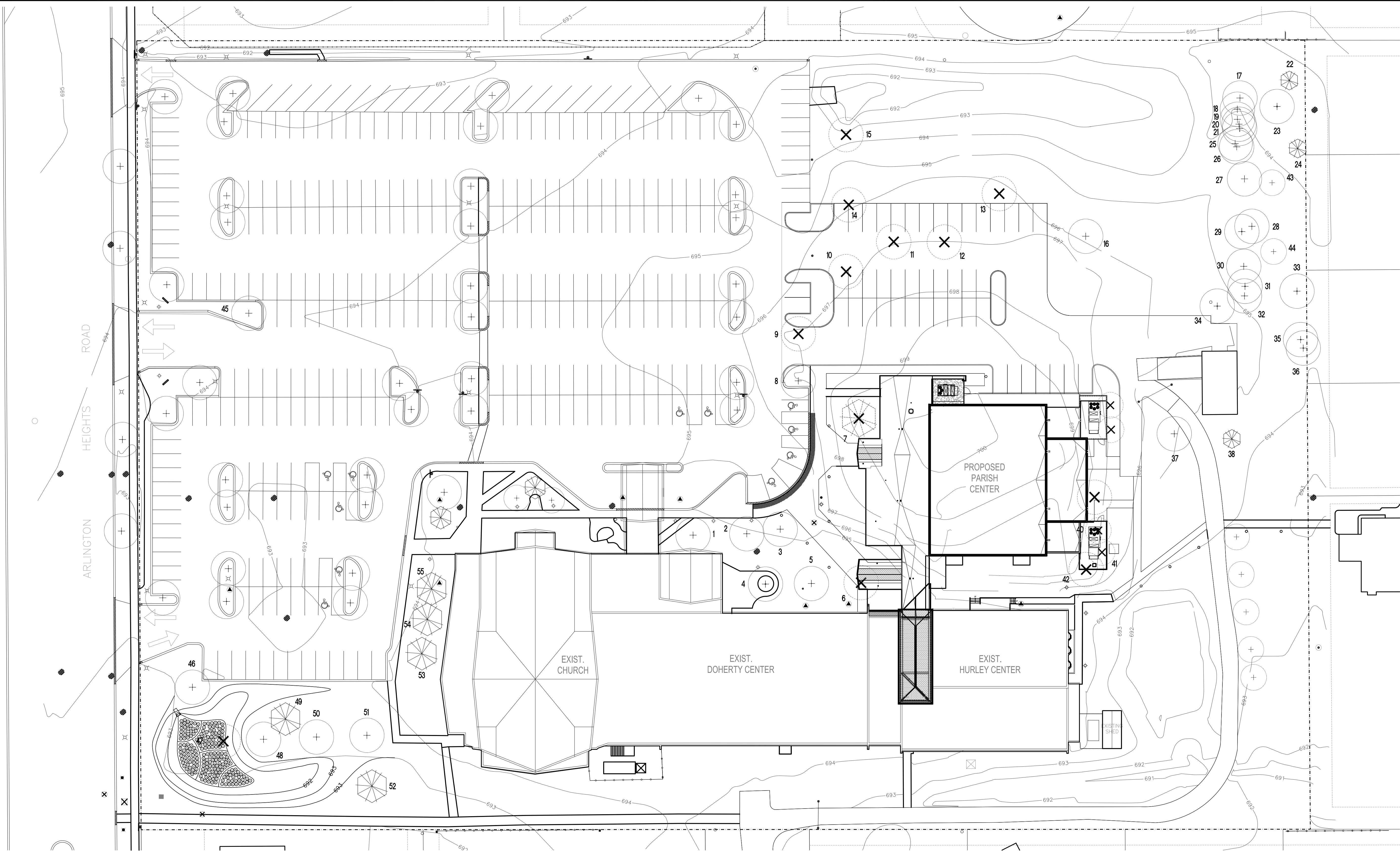
NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARLINGTON HEIGHTS, IL 60004

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McCALLUM
ASSOCIATES
DAVID R. McCALLUM ASSOCIATES, INC.
LANDSCAPE ARCHITECTS
350 N. Meade Avenue Libertyville, IL 60068
T 847.932.0019 F 847.932.0241

NO.	DESCRIPTION	DATE
	VILLAGE REVIEW COMMENTS	09.25.17
	PLAN COMMISSION SUBMITTAL	08.18.17
	ADDENDUM #2	05.12.17
	ADDENDUM #1	05.10.17
	80% SET	05.01.17
	100% DD	03.01.16
	95% DD	02.23.16
	50% DD	02.09.16

LANDSCAPE PLAN		
DRAWN:	PLOT DATE:	
DRM	6/23/2017	
CHECKED:		
DRM		
JOB NUMBER:	L1.0	
1722		



Existing Tree Inventory

TAG	SIZE	BOTANICAL NAME	COMMON NAME	FORM/CONDITION	ACTION	TAG	SIZE	BOTANICAL NAME	COMMON NAME	FORM/CONDITION	ACTION
1	8"	Fraxinus pennsylvanica	Green Ash	3/3	To remain	29	8"/16"	Acer negundo	Boxelder	4/4	To remain
2	9"	Fraxinus pennsylvanica	Green Ash	3/3	To remain	30	12"	Acer negundo	Boxelder	4/4	To remain
3	9"	Fraxinus pennsylvanica	Green Ash	3/3	To remain	31	22"	Acer negundo	Boxelder	4/4	To remain
4	17"	Gleditsia triacanthos	Honeylocust	2/2	To remain	32	11"/11"	Acer negundo	Boxelder	4/4	To remain
5	16"	Gleditsia triacanthos	Honeylocust	2/2	To remain	33	14"	Acer negundo	Boxelder	4/4	To remain
6	18"	Gleditsia triacanthos	Honeylocust	2/2	Remove	34	18"	Fraxinus pennsylvanica	Green Ash	4/4	To remain
7	28"	Picea abies	Norway Spruce	2/2	Remove	35	8"/8"/10"/11"	Acer saccharinum	Silver Maple	3/3	To remain
8	8"	Gleditsia triacanthos	Honeylocust	2/2	To remain	36	26"	Populus deltoides	Cottonwood	3/3	To remain
9	8"	Gleditsia triacanthos	Honeylocust	2/2	Remove	37	14"	Acer saccharum	Sugar Maple	3/4	To remain
10	8"	Fraxinus pennsylvanica	Green Ash	3/3	Remove	38	4"/5"/8"	Pinus strobus	White Pine	4/3	To remain
11	22"	Acer saccharinum	Silver Maple	3/4	Remove	39	19"	Fraxinus pennsylvanica	Green Ash	3/4	To remain
12	22"	Acer saccharinum	Silver Maple	3/3	Remove	40	6"/6"/14"	Betula nigra	River Birch	2/2	Remove
13	40"	Fraxinus pennsylvanica	Green Ash	3/3	Remove	41	5"/9"	Acer platanoides 'Crimson King'	Crimson King Norway Maple	2/2	Remove
14	10"	Fraxinus pennsylvanica	Green Ash	3/3	Remove	42	17"	Betula nigra	River Birch	2/2	To remain
15	8"	Fraxinus pennsylvanica	Green Ash	3/3	Remove	43	16"	Betula nigra	River Birch	2/2	To remain
16	10"	Acer saccharum	Sugar Maple	2/2	To remain	44	4"/4"/4"/4"	Betula nigra	River Birch	2/2	To remain
17	17"	Acer negundo	Boxelder	4/4	To remain	45	17"	Gleditsia triacanthos	Honeylocust	2/2	To remain
18	8"	Acer negundo	Boxelder	4/4	To remain	46	10"	Gleditsia triacanthos	Honeylocust	2/2	To remain
19	7"	Acer negundo	Boxelder	4/4	To remain	47	10"	Fraxinus pennsylvanica	Green Ash	3/3	Remove
20	10"/10"	Acer negundo	Boxelder	4/4	To remain	48	10"	Fraxinus pennsylvanica	Green Ash	3/3	To remain
21	6"	Acer negundo	Boxelder	4/4	To remain	49	12"	Picea pungens 'Glaucia'	Blue Spruce	3/3	To remain
22	8"	Picea pungens var. glauca	Colorado Blue Spruce	2/2	To remain	50	10"	Fraxinus pennsylvanica	Green Ash	3/3	To remain
23	29"	Populus deltoides	Cottonwood	4/3	To remain	51	9"	Fraxinus pennsylvanica	Green Ash	4/4	To remain
24	10"	Picea pungens var. glauca	Colorado Blue Spruce	3/3	To remain	52	21"	Picea pungens 'Glaucia'	Blue Spruce	2/2	To remain
25	10"	Acer negundo	Boxelder	4/4	To remain	53	8"	Pinus nigra	Austrian Pine	2/2	To remain
26	10"/15"	Acer negundo	Boxelder	4/4	To remain	54	7"	Pinus nigra	Austrian Pine	2/2	To remain
27	16"	Acer negundo	Boxelder	4/4	To remain	55	9"	Pinus nigra	Austrian Pine	2/2	To remain
28	10"/10"	Acer negundo	Boxelder	4/4	To remain						

Condition Rating Scale

RATING	DESCRIPTION	GENERAL CRITERIA
1	Excellent	The tree has no apparent defects. This category is typically reserved for larger mature trees in excellent condition.
2	Very Good	Contains little or no deadwood, has few defects and appears healthy.
3	Average	The tree may contain some deadwood or other manageable defects.
4	Poor	The tree possesses numerous major defects. Maintenance and monitoring of the tree is needed.
5	Very Poor	75 percent or more of the tree is dead. Most trees in this condition should be removed.

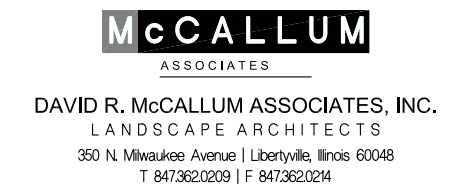
Tree Removal and Replacement Calculations

Qty.	Caliper (DBH)	Required Replacement Trees	Provided Replacement Trees
0	3"-7"	0	
3	8"-12"	4 (excludes 3 ash trees)	
2	13"-19"	9 (excludes 1 ash tree)	
0	20"-25"	2	
1	26"-29"	1 (clump form)	
0	30"-35"	0	
1	36"+	8	
7	(includes 2 ash trees)		
7	(excludes 2 ash trees)	24 (excludes 2 ash trees)	28 (excludes parking lot and foundation trees)

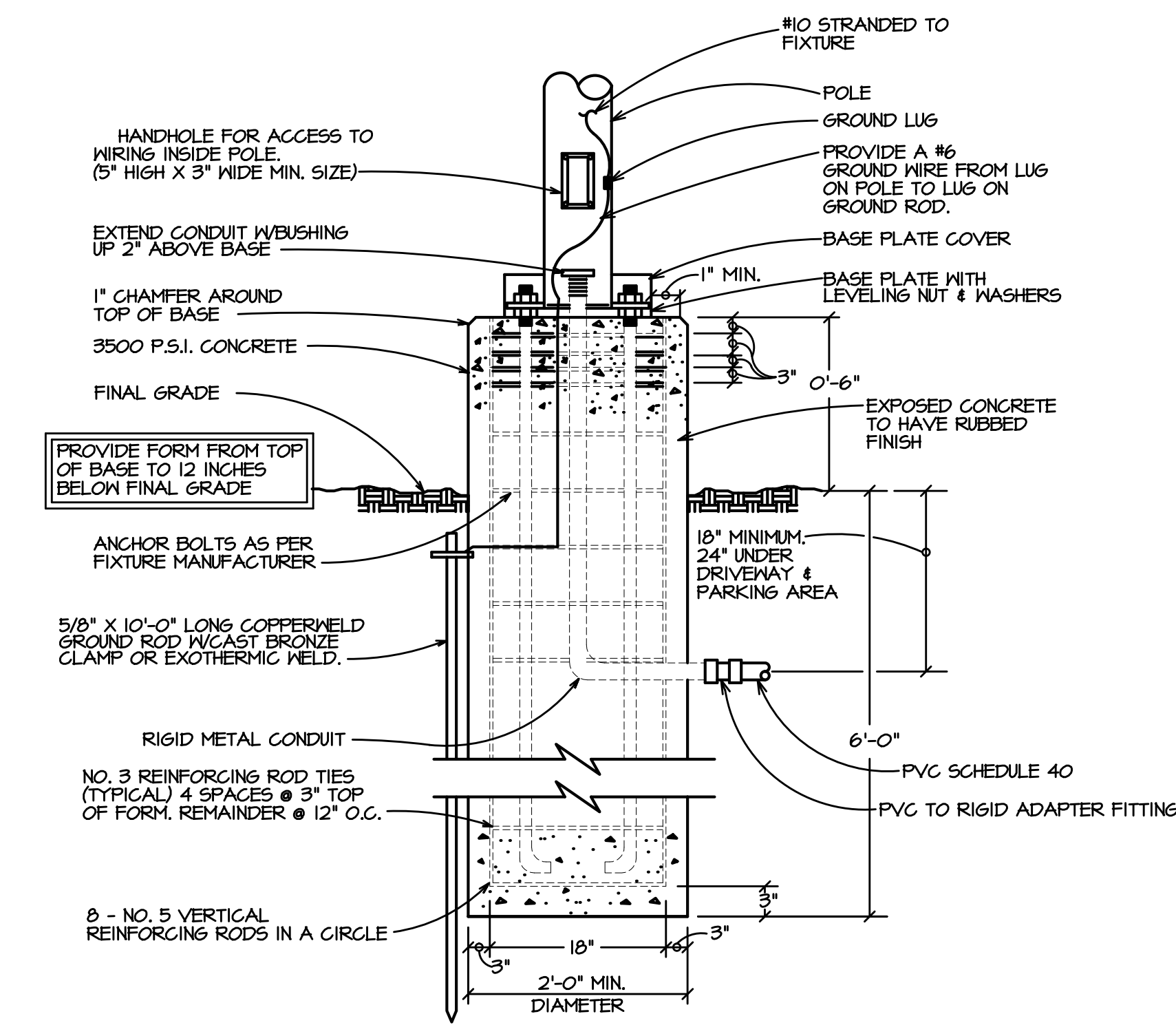
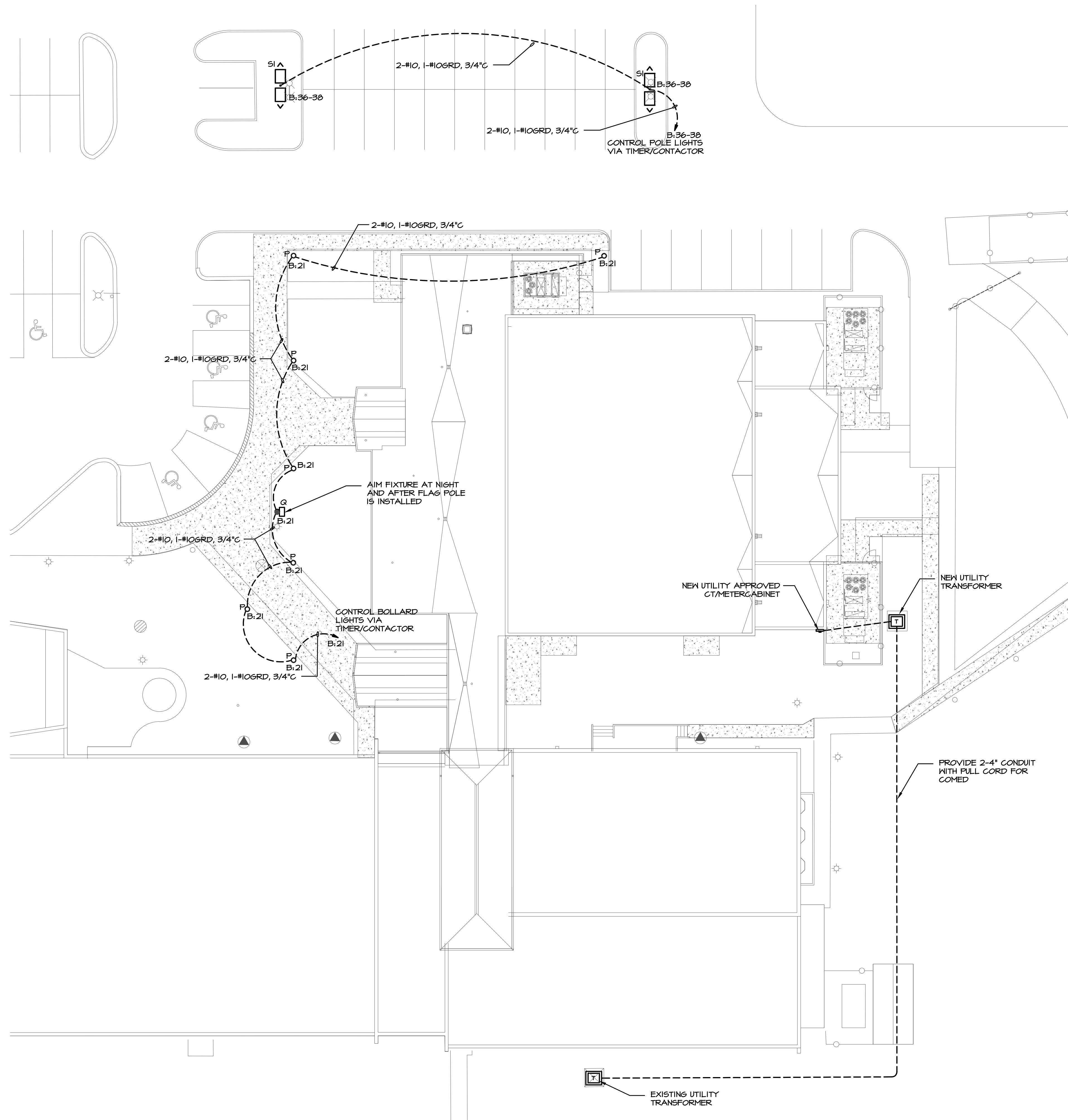
NOTE: Ash trees designated for removal are included in the quantity of trees to be removed but not included in required replacement tree calculations.

TREE INVENTORY PLAN
1"=30'

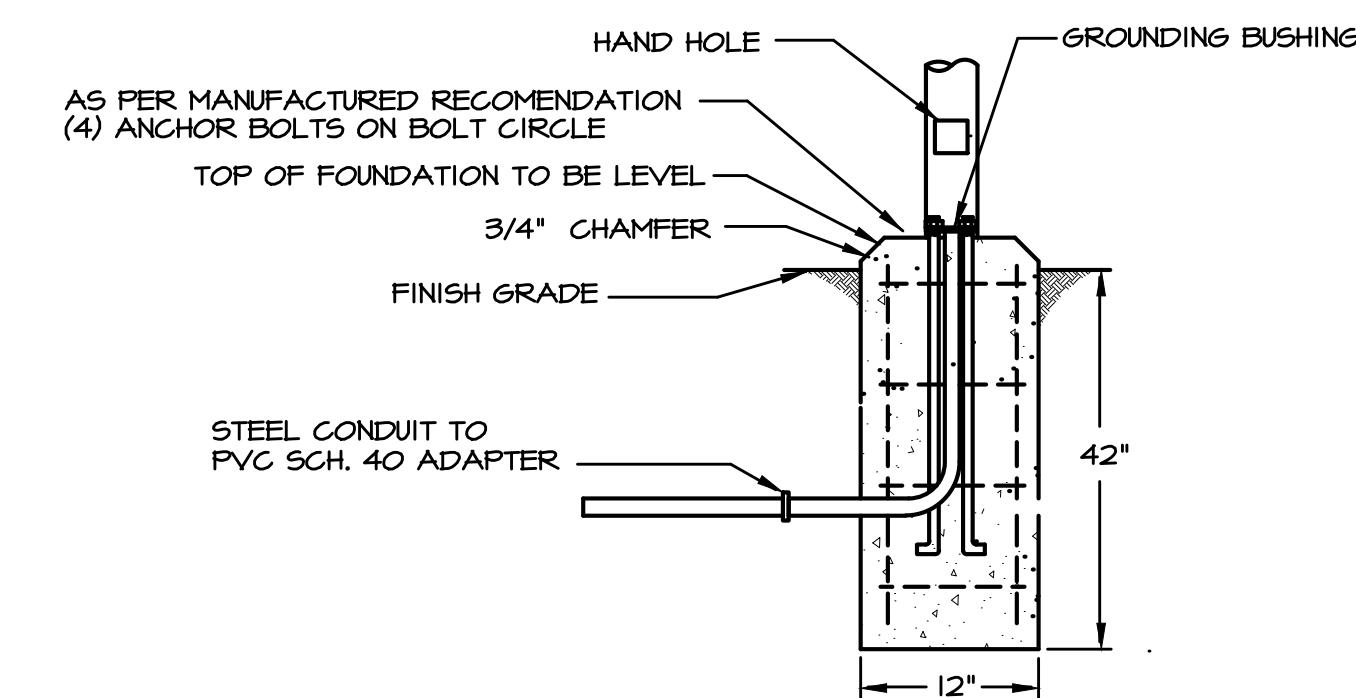
NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARLINGTON HEIGHTS, IL 60004



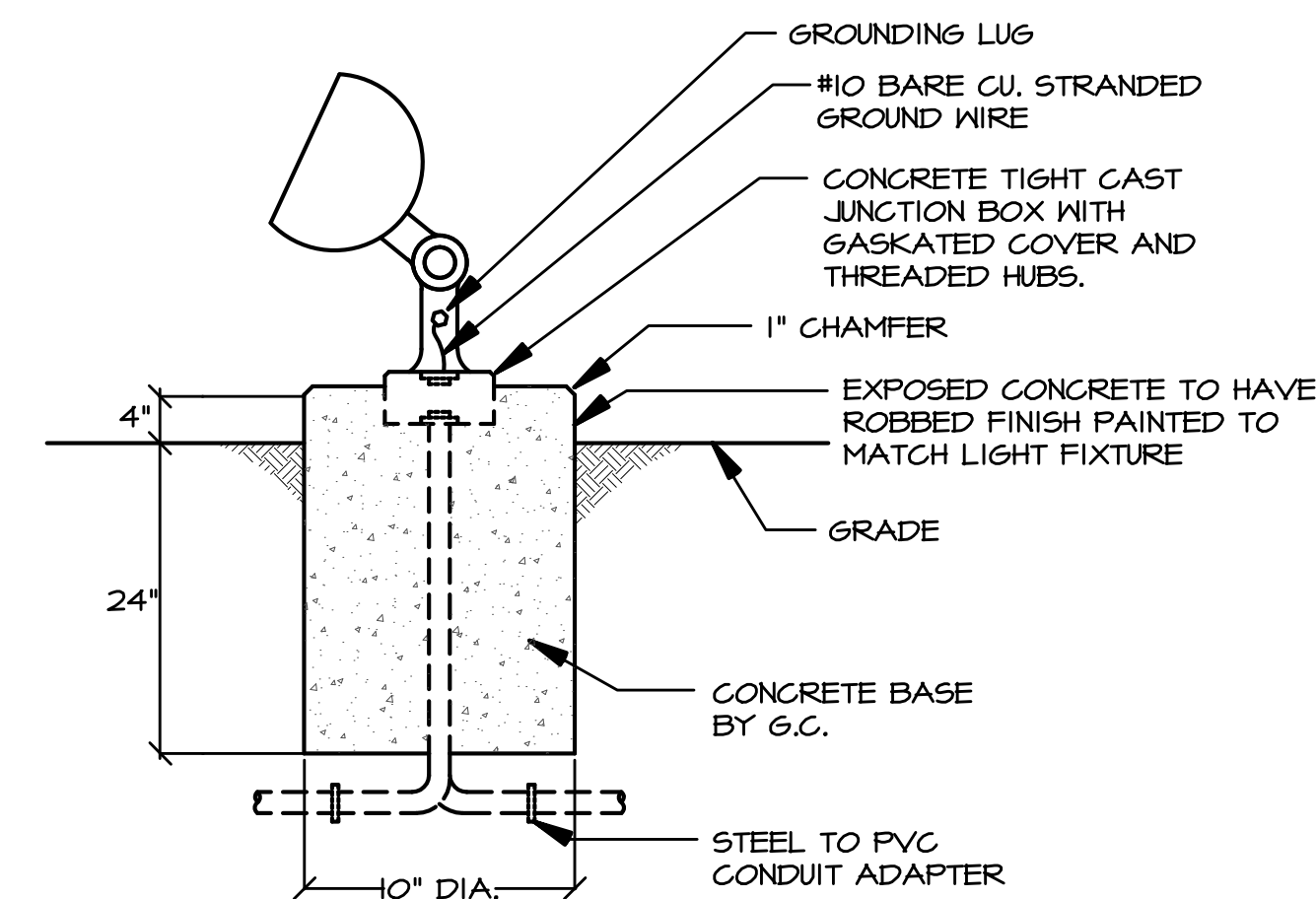
	VILLAGE REVIEW COMMENTS	09.25.17
	PLAN COMMISSION SUBMITTAL	08.18.17
	ADDENDUM #2	05.12.17
	ADDENDUM #1	05.10.17
	80% SET	05.01.17
	100% DD	03.01.16
	95% DD	02.23.16
	50% DD	02.09.16
NO.	DESCRIPTION	DATE
TREE INVENTORY		
DRAWN:	DRM	PLOT DATE: 6/23/2017
CHECKED:	DRM	
JOB NUMBER:	1722	L2.0



1 **DETAIL - CONCRETE POLE BASE**
SCALE: _____ NONE



DETAIL - BOLLARD BASE
NOT TO SCALE



DETAIL - GROUND MOUNTED FLOOD LIGHT
NOT TO SCALE

1 **ELECTRICAL SITE PLAN**
SCALE: 1/16" = 1'-0"



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MECHANICAL AND ELECTRICAL ENGINEERS
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Hoffman Estates, Illinois 60192
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NEW ADDITION AND INTERIOR RENOVATIONS TO:
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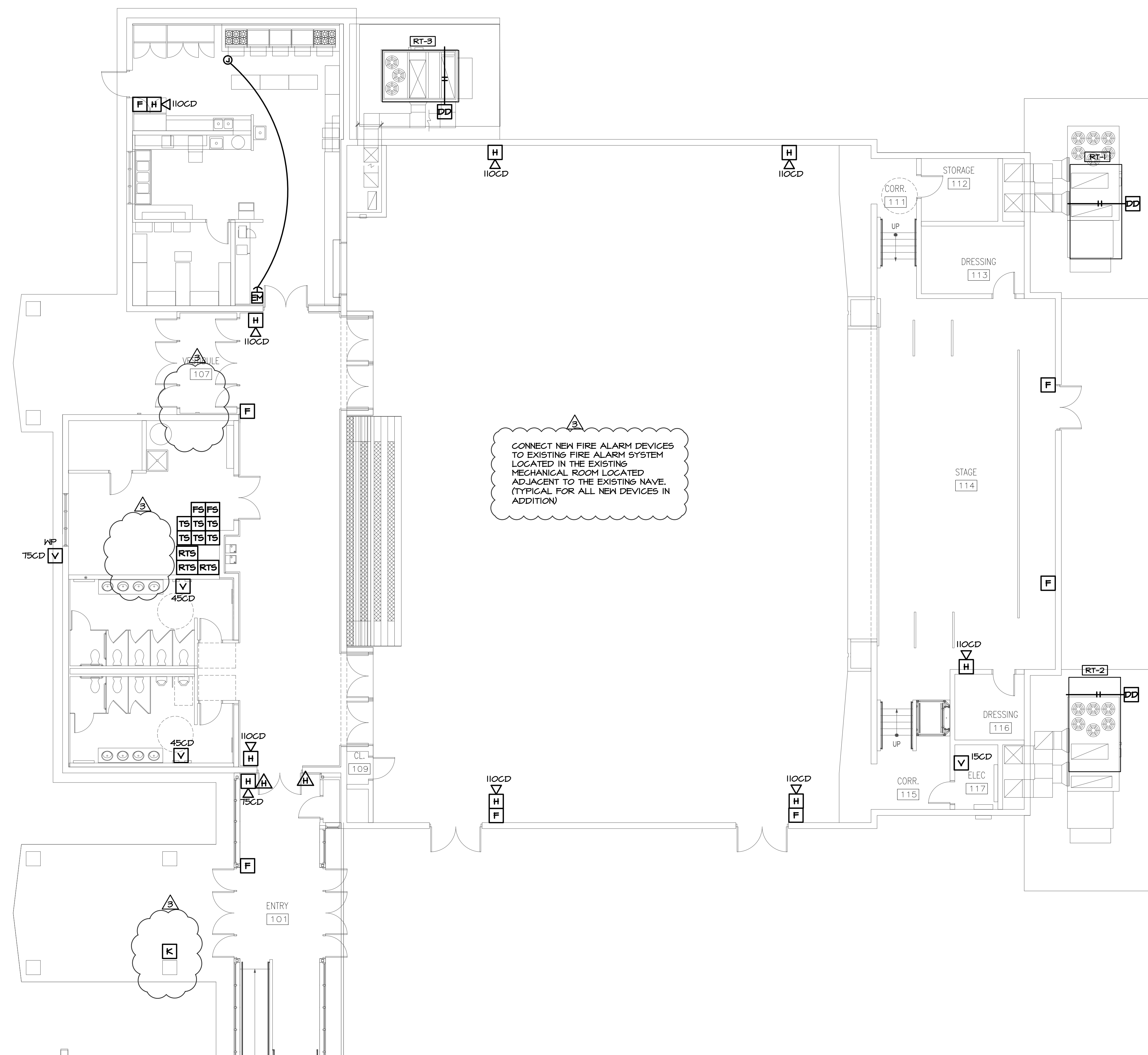
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60068
847.692.6166 Fax 847.692.2002
www.jnka-architects.com



ADDENDUM #1	05.02.17
BID SET	05.01.17
100% DD	12.13.16
95% DD	02.23.16
50% DD	02.09.16

NO.	DESCRIPTION	DATE
SITE PLAN		
DRAWN:	AT, BC, KM	PLUT DATE: 05/01/2017
CHECKED:	STT	
JOB NUMBER:	M16025	ES1.1

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CONNECT NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM LOCATED IN THE EXISTING MECHANICAL ROOM LOCATED ADJACENT TO THE EXISTING NAVE. (TYPICAL FOR ALL NEW DEVICES IN ADDITION)

FIRE ALARM GENERAL NOTES:

- 1. PROVIDE ALL ALARM DEVICES, NOTIFICATION DEVICES, PANELS, ETC. REQUIRED BY LOCAL CODES. PROVIDE NETWORK/TERMINATION PANELS AS REQUIRED.
- 2. PROVIDE COMPLETE FIRE ALARM PERMIT AND CONSTRUCTION DOCUMENTS. SUBMIT DOCUMENTS TO PERMITTING AUTHORITY AND RE-SUBMIT BASED ON COMMENTS. OBTAIN AGENCY APPROVAL PRIOR TO INSTALLATION.
- 3. PROVIDE HORN/STROBE DEVICES AS REQUIRED BY LOCAL FIRE OFFICIALS AND WIRE TO FIRE ALARM CONTROL PANEL. DEVICE LAYOUT IS REPRESENTATIVE ONLY. PROVIDE ACTUAL QUANTITY OF DEVICES PER IFC AND PER LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS.
- 4. PROVIDE BATTERY AND VOLTAGE DROP CALCULATIONS.

NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
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847.692.0166 Fax 847.692.2002



NO.	DESCRIPTION	DATE
	FIRE ALARM PLAN	
	DRWN: AT, BC, KM	PLOT DATE: 05/01/2017
	CHECKED: SIT	
	JOB NUMBER: M16025	
		E3.1

1 ELECTRICAL FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



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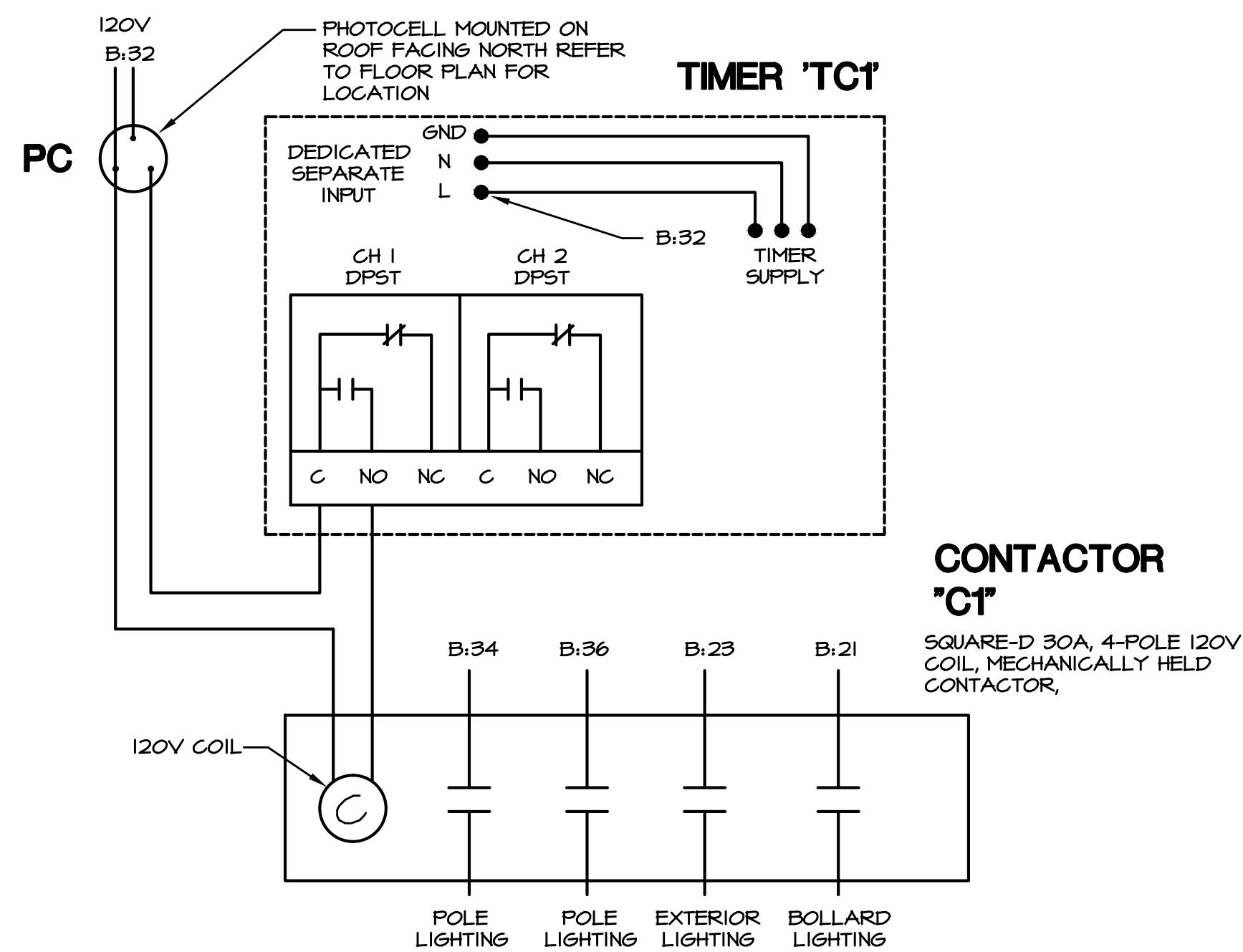


DIAGRAM - CONTACTOR & TIMER
NOT TO SCALE

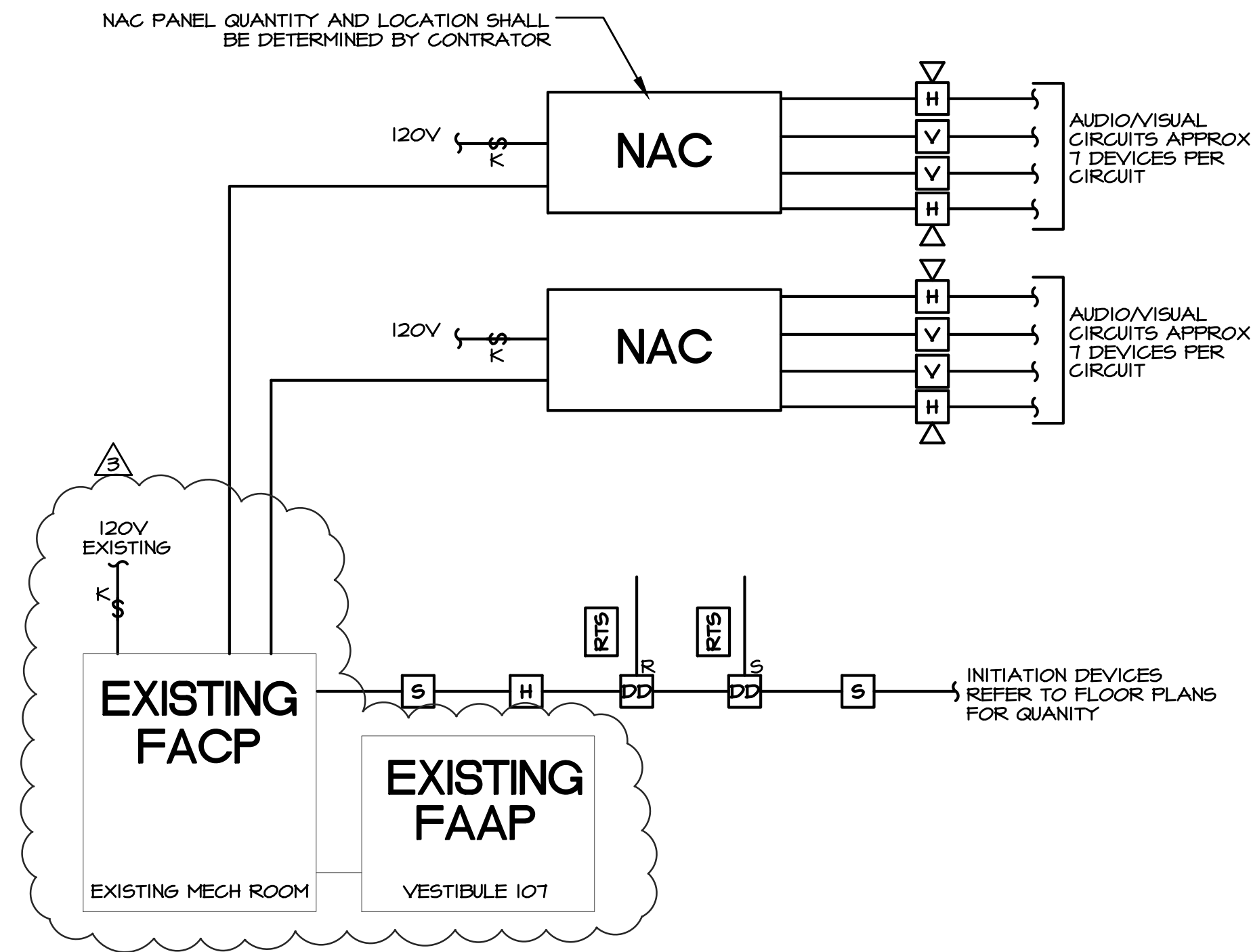
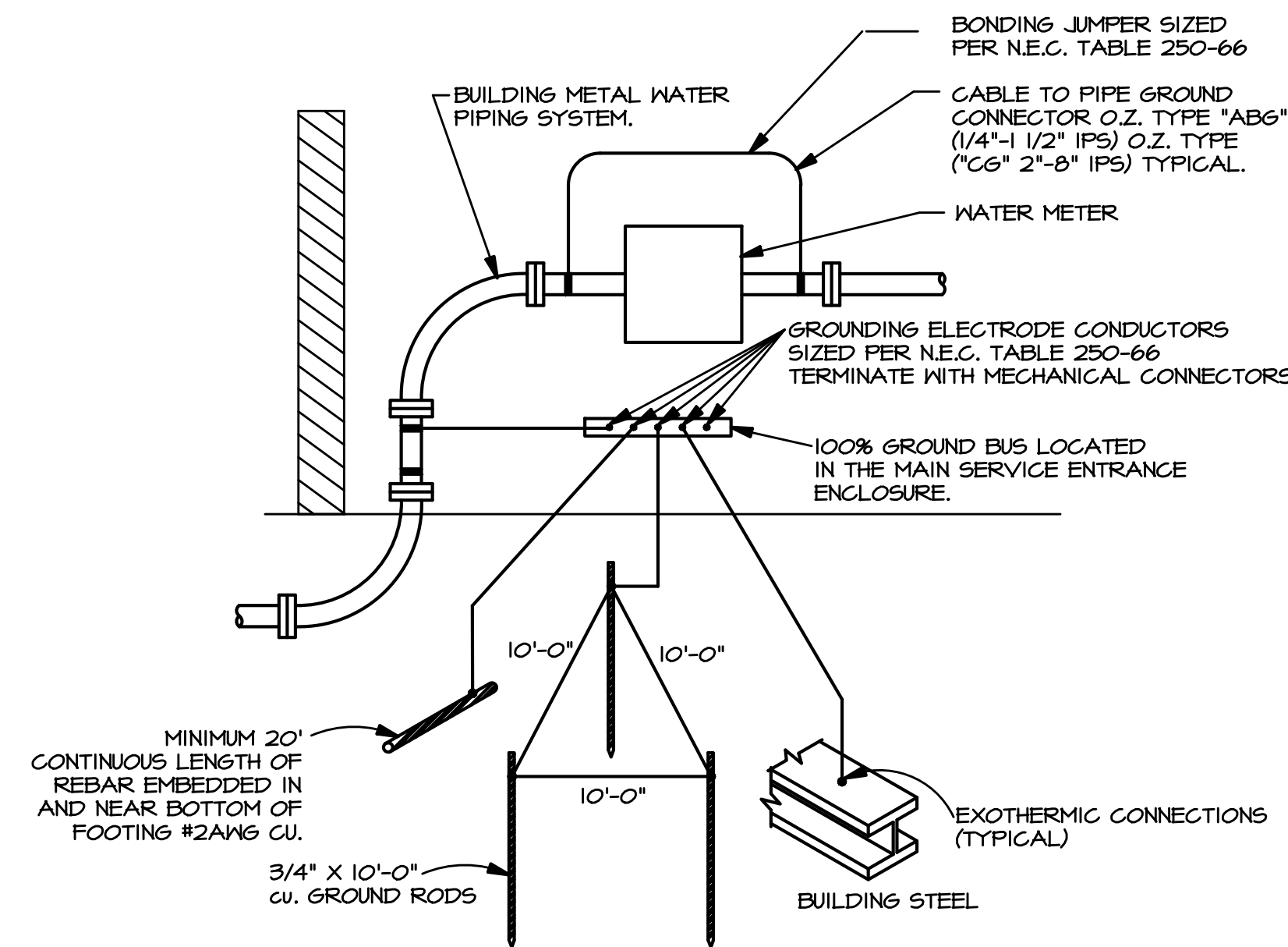


DIAGRAM - FIRE ALARM RISER
NOT TO SCALE

NOTE: RISER IS DIAGRAMMATIC IN NATURE, CONTRACTOR IS RESPONSIBLE FOR FINAL LAYOUT AND RISER SUBMITTED IN SHOP DRAWINGS.



DETAIL - GROUNDING ELECTRODE SYSTEM
NO SCALE

WIRING SCHEDULE	
TAG	CONDUIT/CONDUCTORS
1	2 SETS OF 4-#600KCMIL, 4°C
2	2 SETS OF 4-#600KCMIL, 1-#1/0GRD, 4°C
3	4-#4/O, 1-#2GRD, 2 1/2°C
4	4-#3, 1-#0GRD, 1 1/4°C
5	

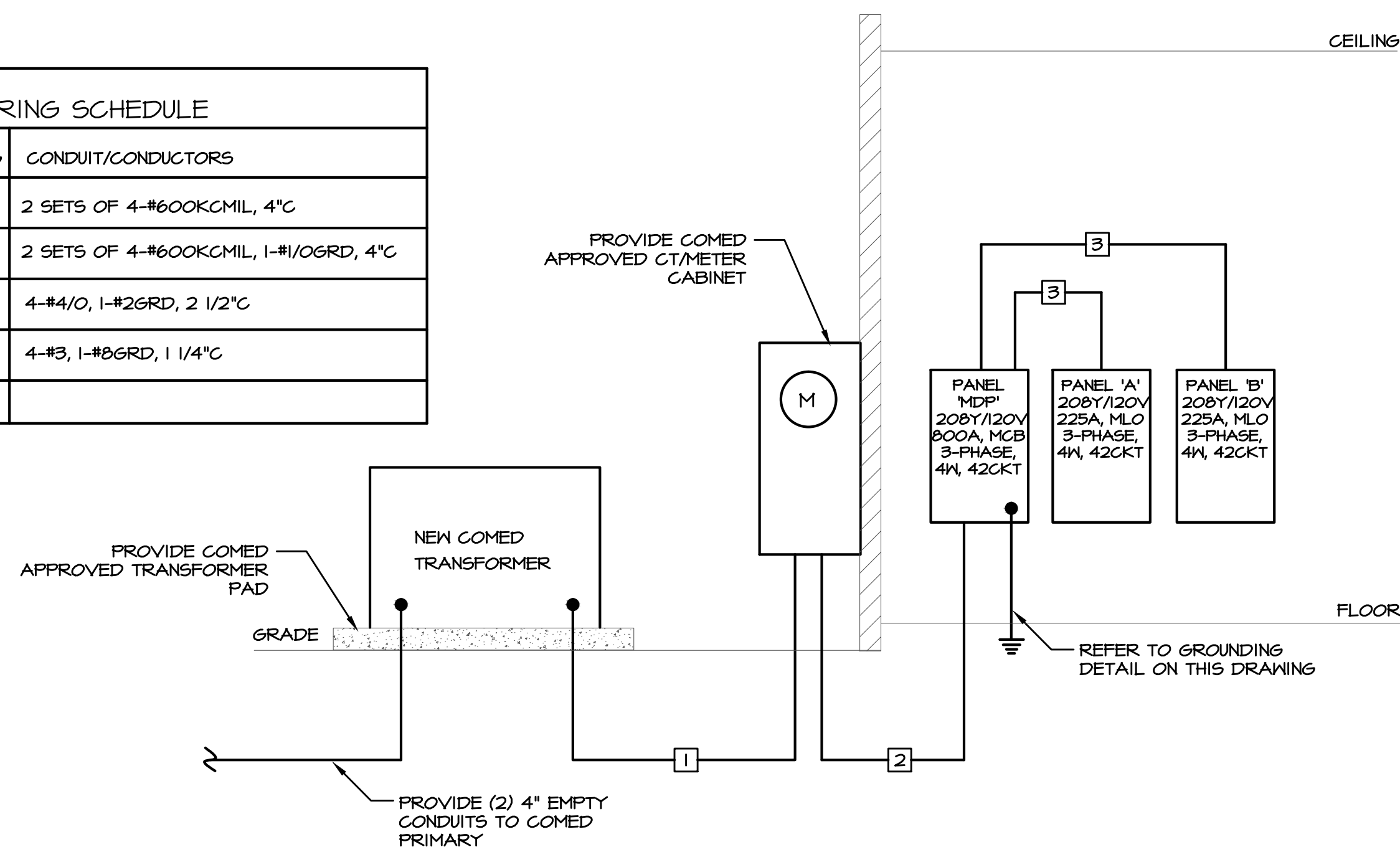


DIAGRAM - RISER DIAGRAM
NOT TO SCALE

NEW ADDITION AND INTERIOR RENOVATIONS TO:
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NO.	DESCRIPTION	DATE
1	COMMENT RESPONSES	09.25.17
2	ADDENDUM #1	05.02.17
3	BID SET	05.01.17
4	100% DD	12.13.16
5	95% DD	02.23.16
6	50% DD	02.09.16

NO.	DESCRIPTION	DATE
1	DETAILS AND DIAGRAMS	
2	AT, BC, KM	05/01/2017
3	STT	
4	JOB NUMBER	E4.1
5	M16025	

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www.wtengineering.com
ILL. License No.: 184.004512 Exp: 04/30/16

THE GENERAL CONDITIONS AND SUPPLEMENTAL GENERAL CONDITIONS ISSUED BY THE ARCHITECT SHALL GOVERN WHERE APPLICABLE.

THIS CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AT THE JOB SITE BEFORE SUBMITTING BID. FAILURE TO RECOGNIZE WORK REQUIRED SHALL BE AT THE EXPENSE OF THIS CONTRACTOR. NO CONSIDERATION SHALL BE GIVEN FOR ADDITIONAL COMPENSATION AFTER THE LETTING OF BIDS.

ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIONAL; ACCEPTANCE BY THE OWNER SHALL BE A CONDITION WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCES, PRESERVE MAXIMUM HEADROOM AND AVOID OMISSIONS.

CONTRACTOR TO MAKE ALL NECESSARY TAPS, AS CALLED FOR ON THE DRAWINGS.

THIS CONTRACTOR SHALL REMOVE ALL DEBRIS ON COMPLETION OF THE JOB
AND CLEAN ALL FIXTURES.

IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO START-UP, ADJUST AND CHECK FOR PROPER OPERATION, ALL EQUIPMENT INSTALLED UNDER THIS CONTRACT.

THIS CONTRACTOR SHALL ALLOW IN HIS INITIAL BID THE COST OF SERVICE ON ALL EQUIPMENT INSTALLED UNDER HIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL INSPECTION OF THE WORK.

THIS CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ ENGINEER, OWNERS INSURANCE UNDERWRITER, AND LOCAL FIRE DEPARTMENT FOR APPROVAL COMPLETE INSTALLATION AND DESIGN DRAWINGS SHOWING THE SPRINKLER SYSTEM LAYOUTS. THE LAYOUT SHALL INDICATE ALL OF THE SPRINKLER PIPING, SPRINKLER HEAD LOCATIONS AND DETAILS OF ANCHORS AND SUPPORTS AS REQUIRED.

THE SPRINKLER SYSTEM SHALL BE LAID OUT TO ELIMINATE ALL CONFLICTS BETWEEN THE SPRINKLER SYSTEM AND THE STRUCTURE INCLUDING THE MECHANICAL AND ELECTRICAL SYSTEMS AS THEY ARE SHOWN ON THE CONTRACT DRAWINGS.

THE LAYOUT SHALL INDICATE COORDINATION BETWEEN SUCH ITEMS AS DUCTWORK, LIGHTS, STRUCTURAL MEMBERS, ETC. PIPE FOR ABOVE GRADE SHALL BE NEW SCHEDULE 40 FOR BRANCHES AND SCHEDULE 10 FOR MAINS. STANDARD WEIGHT STEEL DESIGNED FOR 175 LB. WORKING PRESSURE, CONFORMING TO A.S.A. B36.10 MANUFACTURED IN THE U.S.

FITTINGS SHALL BE NEW 125 LB. CAST IRON SCREWED OR FLANGED CONFORMING TO A.S.A. B16.4, MANUFACTURED IN THE U.S. AND APPROVED FOR FIRE PROTECTION SPRINKLER SYSTEMS.

THE SPRINKLER RISERS, MAINS AND BRANCH PIPING SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, USING APPROVED TYPE STEEL HANGERS, BRACKETS, ANCHORS AND STUDS, OF SIZE AND NUMBER IN ACCORDANCE WITH N.F.P.A. #13.

THE SPRINKLER SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH PAMPHLET 13 OF THE NATIONAL FIRE PROTECTION ASSOCIATION AND ALL REQUIREMENTS OF THE LOCAL FIRE DEPARTMENT AND OWNER'S INSURANCE UNDERWRITER.

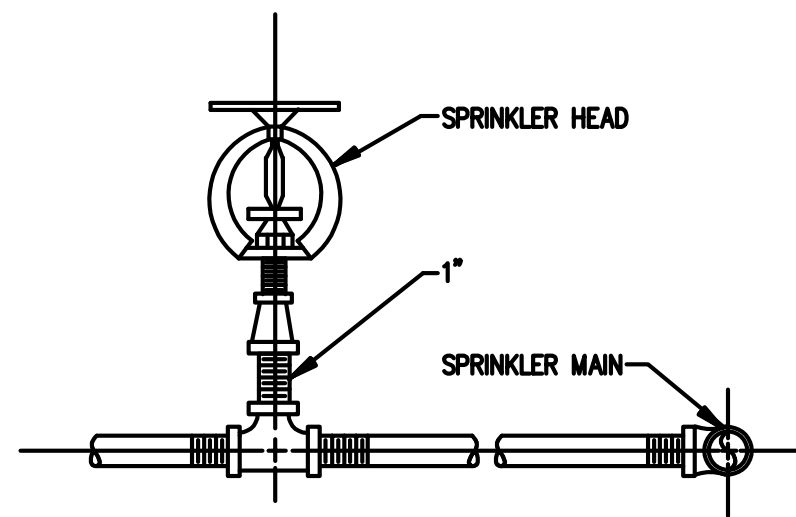
ALL PIPING ABOVE GRADE SHALL BE HYDROSTATICALLY TESTED AT 200 PSIG FOR A TWO-HOUR PERIOD IN ACCORDANCE WITH N.F.P.A. #24.

CONTRACTOR IS RESPONSIBLE FOR SPACING, PIPE SIZE, OFFSETS, CLEARANCES, VALVES, ELBOWS, HANGERS, ALL ACCESSORIES AND QUANTITIES FOR ALL.

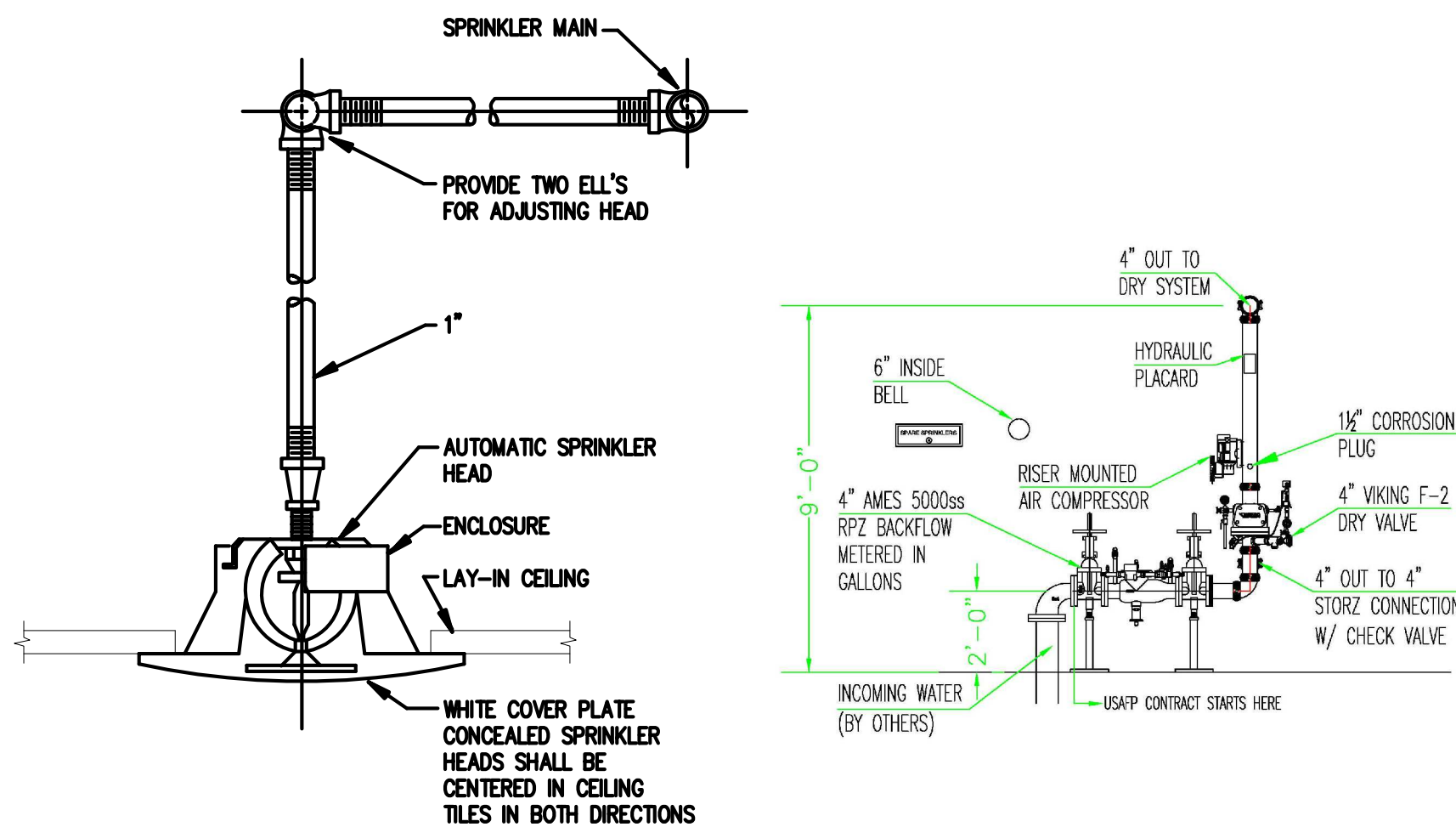
THIS CONTRACTOR SHALL DESIGN AND INSTALL A COMPLETE SPRINKLER SYSTEM PER NFPA AND LOCAL CODES.

ANY UNCONDITIONED SPACE WILL BE SERVED BY A DRY PIPE SYSTEM. THIS CONTRACTOR SHALL DESIGN THE DRY PIPE SPRINKLER SYSTEM PER NFPA AND LOCAL CODES.

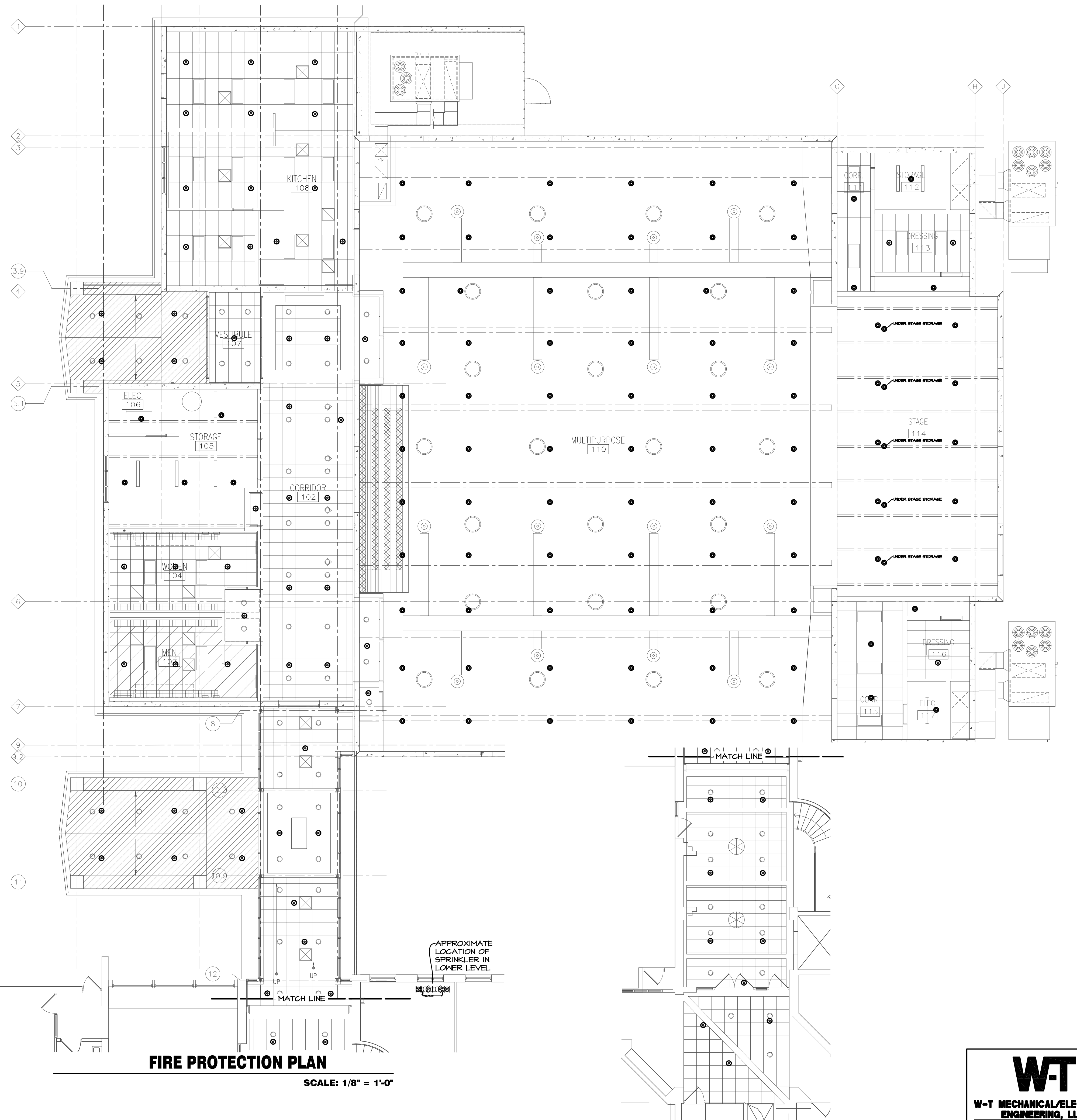
THE FIRE PROTECTION CONTRACTOR TO VERIFY WITH THE VILLAGE OF ARLINGTON HTS. FIRE DEPARTMENT THAT NO HEADS ARE REQUIRED IN THE NON-CONDITIONED NON-COMBUSTABLE SPACE IN THE PITCHED ROOF AREA. SEE ARCHITECTURAL PLANS FOR FE EXTINGUISHER LOCATIONS AND SPECIFICATIONS..



DETAIL - UPRIGHT MOUNTED SPRINKLER



DETAIL - CONCEALED SPRINKLER DETAIL - SPRINKLER RISER



FIRE PROTECTION PLAN

SCALE: 1/8" = 1'-0"

W-T

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License No : 184 004512 Exp:

TEL: 00350 104 554512 Exp. 04/2015

	BID SET	05.01.17
	100% DD	12.13.16
	95% DD	02.23.16
	50% DD	02.09.16

NO.	DESCRIPTION	DATE
UNDERGROUND PLUMBING		

DRAWN: AT, BC, KM PLOT DATE: 05/01/2017

STT

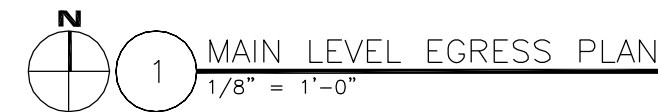
FD1 1

FP1-1



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 350 S. NORTHWEST HIGHWAY, SUITE 106, PARK RIDGE, IL
 60068
 847.692.6166 Fax 847.692.2002
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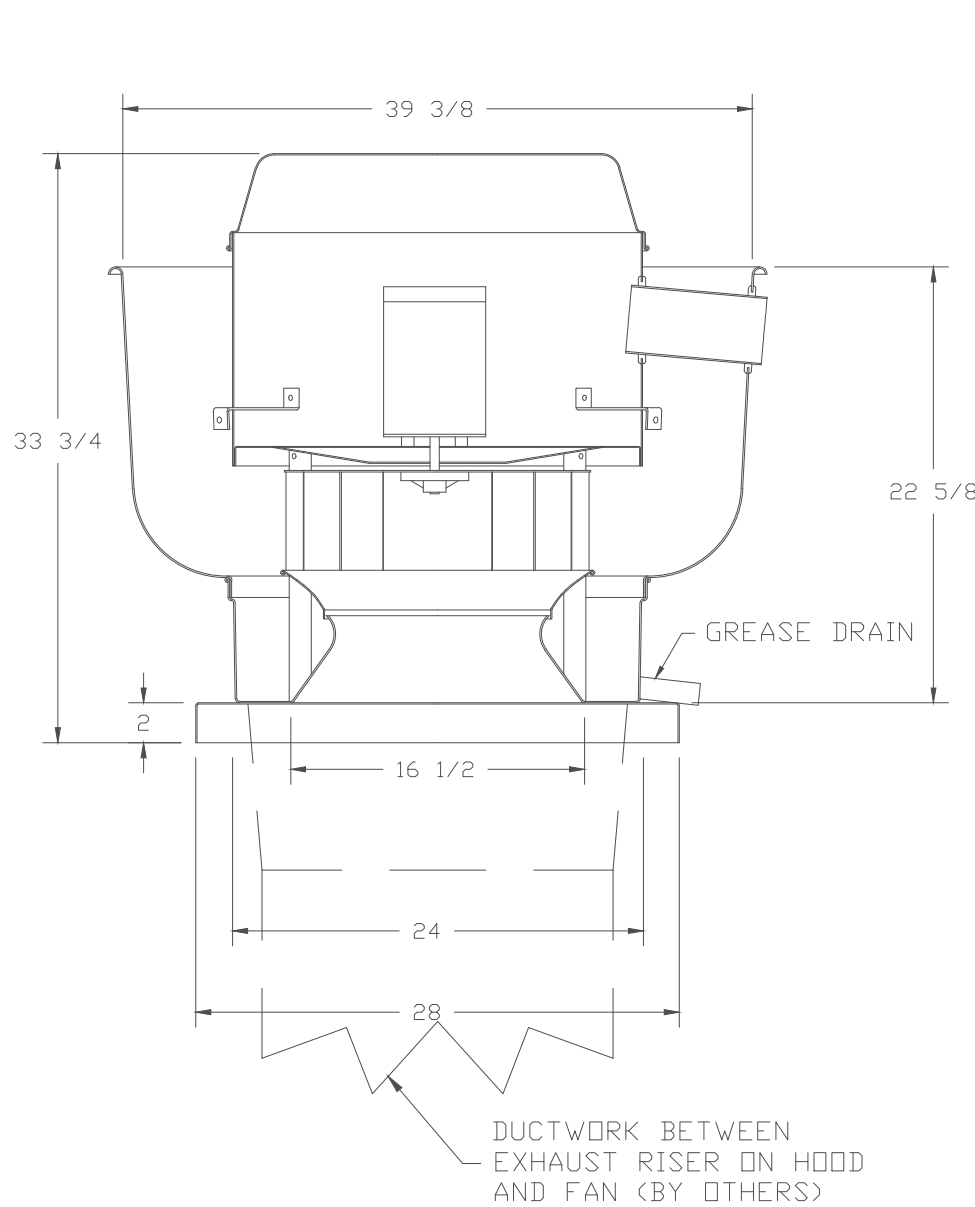




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FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SONES
1		DUI80HFA	3600	1.500	1442	3.000	1.5730	3	208	9.5	117	23

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	ø	H.P.	VOLTS	FLA
1		DCV-1011	Utility Cabinet Left	Utility Cabinet Left	1 Light	Smart Controls DCV	Exhaust	3	3.000	208	9.5
				Head # 1	1 Fan						

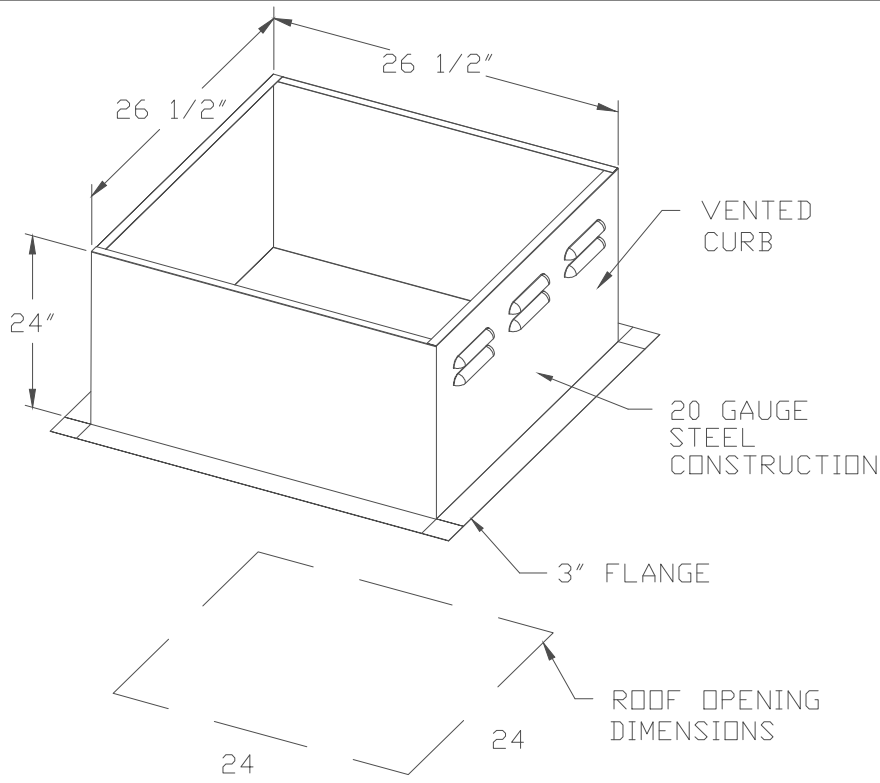


- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

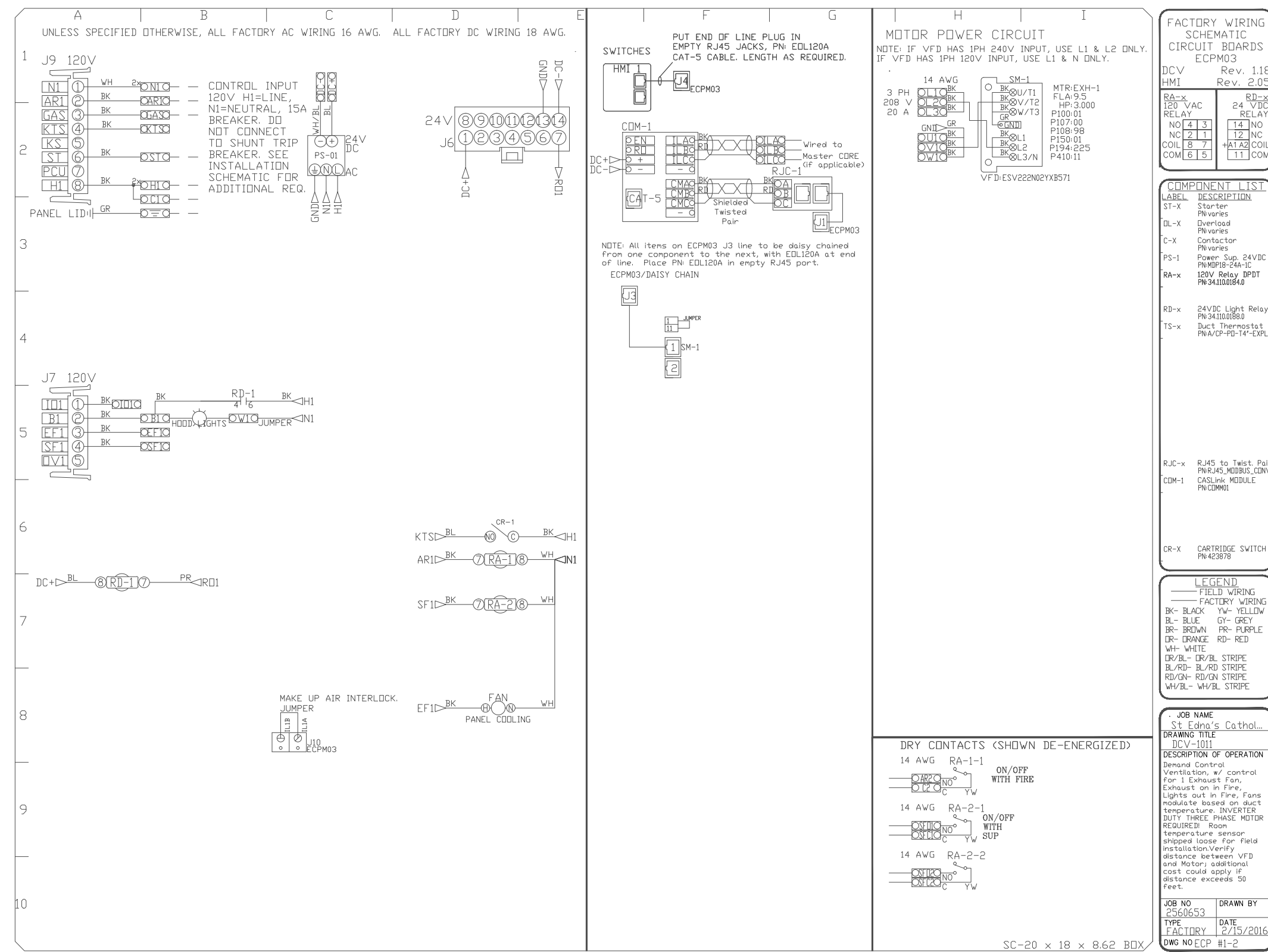
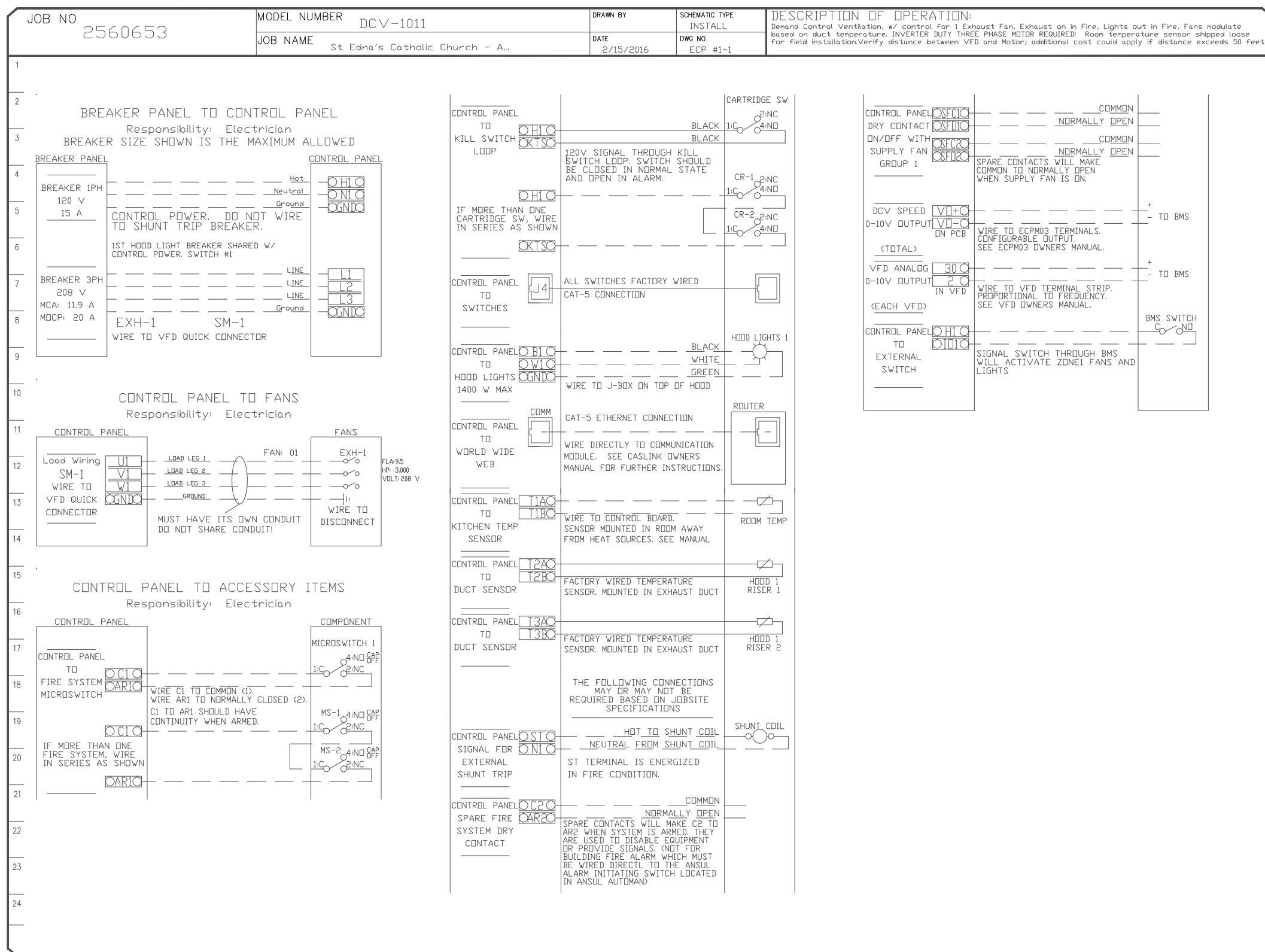
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

GREASE BOX
FAN BASE CERAMIC SEAL - FOR GREASE DUCTS



- Hood control panel to support communications to cloud-based Building Management System.
- Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
- Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.

SC Packages	Function	SC Packages	Function
Room Temperature	MONITOR	Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR	Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR	MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR	Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR	Controller Faults	MONITOR
Fan Amperage	MONITOR	Fan Faults	MONITOR
Fan Power	MONITOR	Fan Status	MONITOR
VFD Faults	MONITOR	PCU Faults	MONITOR
Controller Faults	MONITOR	PCU Filter Clog Percentages	MONITOR
Fan Faults	MONITOR	Pire Condition	MONITOR
Fan Status	MONITOR	CORE Fire System	MONITOR
PCU Faults	MONITOR	Building Pressures	MONITOR
PCU Filter Clog Percentages	MONITOR	Bugs Ballon(s)	MONITOR & CONTROL
Pire Condition	MONITOR	Lights Ballon(s)	MONITOR & CONTROL
CORE Fire System	MONITOR	Wash Ballon	MONITOR & CONTROL
Building Pressures	MONITOR		
Prep Time Button	MONITOR & CONTROL		
Fans Button	MONITOR & CONTROL		
Lights Button	MONITOR & CONTROL		
Wash Button	MONITOR & CONTROL		



DESCRIPTION DATE: REVISIONS	
△ △ △ △ △ △ △ △ △ △	△ △ △ △ △ △ △ △ △ △
St Edna's Catholic Church - Arlington Hts ARLINGTON HEIGHTS, IL, 60005 CHICAGO MECHANICAL OFFICE 2777 Finley Rd., Ste. 27, Downers Grove, IL 60515 PHONE: (630) 705-3950 FAX: (919) 227-5590 EMAIL: reg73@captivalline.com www.captivalline.com	
DATE: 2/9/2016	
DWG.#: 2560653	
DRAWN BY:	
SCALE: 3/4" = 1'-0"	
MASTER DRAWING	

St Edna's Catholic Church - Arlington Hts
ARLINGTON HEIGHTS, IL, 60005

**NEW ADDITION AND INTERIOR RENOVATIONS TO:
ST. EDNA CATHOLIC CHURCH
2525 N. ARLINGTON HEIGHTS RD. ARL.**



	BID SET	05.01.17
	100% DD	12.13.16
	95% DD	02.23.16
	50% DD	02.09.16

NO.	DESCRIPTION	DATE
MECHANICAL DETAILS & SPECIFICATIONS		
DRAWING: AT, BC, KM		PLOT DATE: 05/01/2017
CHECKED: STT	M3.2	
JOB NUMBER: M16025		

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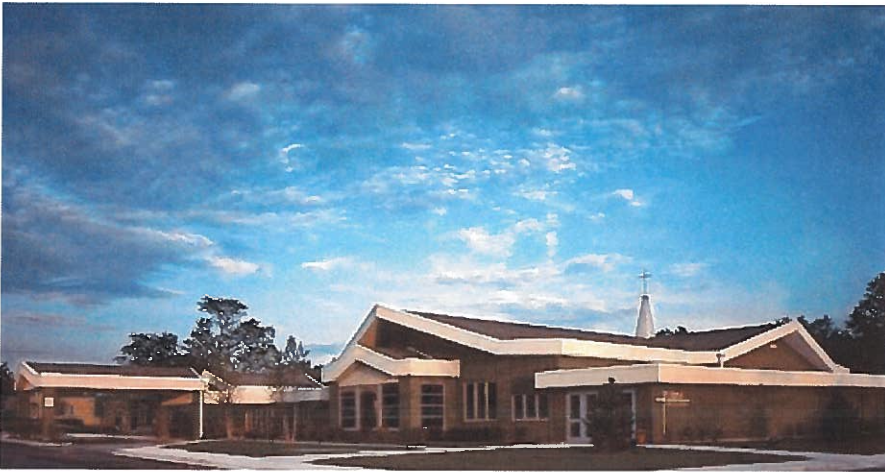
IL License No.: 184.004512 Exp: 04/30/16

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August 2013

St. Edna Catholic Church

Parish Center Traffic and Parking Study



Prepared for:

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& Associates,
Ltd.**

Eriksson Engineering Associates, Ltd.

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(312) 463-0551 52

MEMORANDUM

To: Ms. Susan Maish
Jaeger, Nickola & Associates, Ltd.

From: Stephen B. Corcoran, P.E., PTOE
Director of Traffic Engineering

Date: October 25, 2012

Re: Proposed Parish Center
St. Edna's Catholic Church
Arlington Heights, Illinois



This report summarizes the traffic and parking analysis for a proposed Parish Center at Saint Edna's Catholic Church in Arlington Heights, Illinois. The church is located at 2525 North Arlington Heights Road on the east side of the street. St. Edna's Church proposes to demolish the existing rectory (7,569 square feet) and build a Parish Center (11,000 square feet). The parking lot will be expanded from 356 to 401 or 395 spaces.

The purpose of the study is to observe the existing traffic patterns in the area, to determine the traffic characteristics of the development, and to analyze the future traffic conditions and access needs. The following sections of this report present a detailed description of the proposed site, the existing transportation conditions, the proposed development's traffic and parking characteristics, and the future transportation conditions.

EXISTING CONDITIONS

Site Location and Area Land-Use

The site is located on the east side of Arlington Heights Road in Arlington Heights, Illinois. It is currently occupied by two buildings served by three access drives on Arlington Heights Road. Land-uses near the site include single-family subdivisions to the north, east, south, and west. West of the site is the Chicago Futabakai Japanese School. **Figure 1** illustrates the site location and the adjacent roadways. *(All figures are located at the end of this report)*

Roadway Characteristics

Arlington Heights Road is a north-south, major arterial roadway extending from Elk Grove Village thru Arlington Heights to Long Grove, Illinois. It has two through lanes in each direction with a flush painted left-turn median. A pedestrian crossing signal and six foot crosswalk are located across Arlington Heights Road just north of Waverly Road. Arlington Heights Road is under the jurisdiction of the Cook County Highway Department and has a posted speed limit of 35 miles per hour (mph).

Bike Routes

An existing bike path runs along the south side of the St. Edna Church property and crosses Arlington Heights Road at the existing pedestrian signal. It then follows the side walk south to Waverly Road and continues west on Waverly Road.

Existing Traffic Volumes

Weekday afternoon (4:00 to 6:00 PM) and Sunday morning (9:00 AM to Noon) manual traffic counts were conducted at the entrances to the church on Arlington Heights Road. These counts showed the peak-hours of traffic occurring from 5:00 to 6:00 PM on a weekday, from 9:00 to 10:00 AM for the inbound Sunday peak at the church, and 10:30 AM to 11:30 AM for outbound traffic. The week day count was done during the religious education classes. The Sunday peaks coincides with the start and end of the 9:30 AM Mass which has the largest attendance. Arlington Height Road carries two-way traffic volumes ranging from 2,525 vehicles per hour (vph) during the evening peak to 1,000 and 1,400 vph on Sunday in front of the church. Pedestrian crossings at the signal ranged from 7 to 41 persons including bicyclists. The existing traffic volumes are shown in **Figure 2** and included in the **Appendix**.

The north driveway serving the church is restricted to right-out only. However, during the Sunday counts, illegal left-turns into the site were observed at this location.

Existing Traffic Operations

In order to quantify the operations of each intersection, the Highway Capacity Manual was used to define the capacity and vehicular delay of each intersection during the peak hours. The level of service ranges from LOS A to LOS F, with LOS A having minimal delays and LOS E/F having high levels of delay. **Table 1** summarizes the existing level of service results of the study intersections. Copies of the capacity analyses can be found in **Appendix**.

Table 1
Existing Intersection Level of Service

Intersection	Sunday Inbound Peak	Sunday Inbound Peak	Evening Peak Hour
North Driveway on Arlington Heights Road	Sb Left- LOS A- 8.3 sec <u>Wb Right- LOS A- 9.5 sec</u> Overall – LOS A- 9.1 sec	Sb Left- LOS A- 9.0 sec <u>Wb Right- LOS B- 10.7 sec</u> Overall – LOS B- 10.6 sec	<u>Wb Right- LOS B- 13.0 sec</u> Overall – LOS B- 13.08 sec
Center Driveway ⁽¹⁾ on Arlington Heights Road	Wb Right- LOS D- 40.2 sec Wb Left- LOS D- 40.3 sec Nb Th/Rt- LOS A- 7.0 sec Sb Thru- LOS A- 2.2 sec <u>Sb Left – LOS A- 3.1 sec</u> Overall- LOS A- 4.2	Wb Right- LOS C- 33.6 sec Wb Left- LOS C- 34.5 sec Nb Th/Rt- LOS B-12.9 sec Sb Thru- LOS A- 5.3 sec <u>Sb Left – LOS A- 6.5 sec</u> Overall- LOS B- 11.0	Sb Left- LOS B-12.2 sec Wb Right- LOS F- 60+ sec <u>Wb Left- LOS B- 12.9 sec</u> Overall – LOS E- 42.6 sec
South Driveway on Arlington Heights Road	Sb Left- LOS A- 8.7 sec <u>Wb Rt/Lt- LOS B- 14.2 sec</u> Overall – LOS A- 9.9 sec	Sb Left- LOS A- 9.5 sec <u>Wb Rt/Lt- LOS D- 26.7 sec</u> Overall – LOS C- 24.4 sec	<u>Wb Rt/Lt- LOS E- 50.0 sec</u> Overall – LOS E- 50.0 sec

(1) During the Sunday peaks, the Center Drive is under police control. In the evening peak, the intersection is under stop sign control.

Each driveway is under stop sign control at Arlington Heights Road. On Sundays, the church uses two police officers to direct traffic entering or exiting traffic at the Center Drive. Each intersection works well under stop sign control during the Sunday peaks but experiences some delay for exiting left-turns during the weekday peak due to the volume of commuter traffic on Arlington Heights Road. Longer delays onto major arterials at unsignalized driveways are not an uncommon occurrence.

SITE CHARACTERISTICS

Church Activities

St. Edna's Church has five weekly masses: Saturday at 5:00 PM, Sunday at 7:30 AM, 9:30 AM, 11:30 AM, and 5:30 PM. Religious education classes for students in Kindergarten thru 5th grade are divided among three sessions during the week: Tuesdays from 4:15 to 5:30 PM and 6:00 to 7:15 PM and Wednesday from 4:15 to 5:30 PM. Other programs are provided throughout the day at the church but are much smaller in size.

Site Plan

The site plan includes the demolition of the existing rectory (7,569 square feet) and building a new Parish Center (10,800 square feet) on the east side of the site. The parking lot will be expanded from 356 to 395 spaces.

The purpose of the new Parish Center is to provide a large gathering space for existing activities that occur in the Doherty Center. The Doherty Center has ten multi-purpose rooms with movable walls that can create a large meeting space. It also has a kitchen, bathrooms, and additional rooms/office. It does not have a stage. During the course of the week, the multi-purpose rooms are constantly reconfigured for the different program needs of the church. The room changes require time and staff to complete. Based on discussions with church staff, no new programs are planned with the Parish Center that will generate new traffic or parking on the site.

Trip Generation

Traffic generation at the existing church is shown below in **Table 2**.

Table 2
Existing Traffic Volumes at St. Edna's Church

Sunday Inbound Peak			Sunday Outbound Peak			Evening Peak		
In	Out	Total	In	Out	Total	In	Out	Total
274	13	287	173	242	415	97	61	158

Trip Distribution

The trip distribution for the church is based on the existing traffic volumes and is shown on **Table 3** and **Figure 3**.

Table 3
Directional Distribution

Distribution	Weekday	Sunday Inbound	Sunday Outbound
North on Arlington Heights Road	47%	57%	56%
South on Arlington Heights Road	53%	43%	44%
Total	100%	100%	100%

Site Parking Requirements

The parking requirements for the proposed planned development are based on the Village of Arlington Heights's Zoning Code are summarized in **Table 4**. With the proposed Parish Center, the number of required parking spaces is 565 spaces with 395 spaces provided resulting in a parking variation needed of 170 spaces.

The Arlington Heights' Zoning Code is based on the maximum occupancy of the site for the permitted uses on-site, assuming that those peaks occur simultaneously. St. Edna's Church does not plan using the church sanctuary, the Doherty and Hurley Centers, and the new Parish Center simultaneously.

Table 4
Proposed Site Plan Parking Requirements

Scenario	Use	Size	Village Requirement	Parking Required
Revised Planned Development	Sanctuary	1,030 seats	1 space per 5 seats	206
	Office	4,500 sq. ft.	1 space per 300 sq. ft.	15
	Multi-Purpose Rooms	645 persons	30% of Occupancy	194
	Parish Center	500 persons	30% of Occupancy	150
	Total Required			565
	Proposed Supply			395

Parking Surveys

EEA conducted parking surveys concurrently with the traffic counts at the church. **Table 5** summarized the on-site parking usage in 15 minute increments on a Sunday during mass and on a Tuesday when religious education classes were held.

Table 5
St. Edna's Parking Survey
(356 Existing Parking Spaces)

Time	Sunday, September 9, 2012				Tuesday, October 2, 2012		
	Church Lot	School Lot	Total	Percent	Time	Church Lot	Percent
9:00 AM	35	0	35	10%	4:00 PM	18	5%
9:15 AM	86	0	86	24%	4:15 PM	38	11%
9:30 AM	241	7	248	70%	4:30 PM	26	7%
9:45 AM	294	10	304	85%	4:45 PM	22	6%
10:00 AM	296	11	307	86%	5:00 PM	26	7%
10:15 AM	298	11	309	87%	5:15 PM	27	7%
10:30 AM	289	11	300	84%	5:30 PM	37	10%
10:45 AM	162	2	164	46%	5:45 PM	34	9%
11:00 AM	91	0	91	26%	6:00 PM	62	17%
11:15 AM	123	0	123	35%			
11:30 AM	220	1	221	62%			
11:45 AM	284	2	286	80%			
Noon	290	2	292	82%			

The peak-parking demand was at 10:15 AM with 309 total parkers or 87% of the parking lot's capacity. During the Sunday counts, a few church members were parking in the Futabakai School parking lot (11 vehicles) even though spaces were available in the church lot. No church parking in the school lot was observed during the Tuesday religious education classes.

ANALYSES

Parking Supply

The proposed site plan increases the parking lot from 356 spaces to 395 spaces (+11%). Additional parking is provided by expanding the parking lot to the east in two parking bays north of the new Parish Center. The southern parking bay is aligned with the parking aisle serving the Center Driveway which allows traffic to enter the lot and go straight to the new parking area bypassing the pick-up/drop-off area in front of the church.

The additional parking provided on-site will accommodate more parking during peak holiday conditions.

North Church Driveway

The North Church driveway was originally an outbound only driveway with separate left and right turn lanes under stop sign control. This drive was then narrowed to a right-turn out only. Two "Do Not Enter" and two "Right Turns Only" signs are provided at the driveway.

During the Sunday counts, left-turns were observed turning into the North Drive from southbound Arlington Heights Road (32 vehicles over three hours). These cars are avoiding the queue and wait to turn left at the Center Drive. When the peak traffic is entering the parking lot, very little traffic is exiting at the same time, so drivers see the driveway as clear and make the turn. This activity did not occur during the weekday observations.

EEA recommends that church remind the congregation that the North Drive is exit only and turns into the drive are prohibited and not safe. To further discourage left-turns into the drive, plastic bollards could be installed to narrow the driveway within the parking lot. Using plastic bollards will still allow emergency equipment from the fire station to the north on Arlington Heights Road to use this drive as an access point if the other drives are blocked.

Center Church Driveway

The Center Church driveway has one inbound lane and two outbound lanes (left and right). Police control is provided during the Sunday morning services and works well. During the weekday PM peak, the left-turns out operate at LOS F which is not uncommon for unsignalized driveways on major arterials. However the volume of traffic exiting after religious education classes is significantly less than during Sunday mass.

South Church Driveway

This driveway has one inbound and one outbound lane. It works well under stop sign control during the Sunday peaks but experiences some delay (LOS E) during the weekday peak due to the volume of commuter traffic on Arlington Heights Road. Longer delays onto major arterials at unsignalized driveways are not an uncommon occurrence. The low exiting volumes at this drive on a weekday do not create problems or queuing problems. No changes are proposed at this drive.

TWO-WAY STOP CONTROL SUMMARY							
General Information				Site Information			
Analyst	SBC			Intersection	North Drive/Arlington Hts Road		
Agency/Co.	EEA			Jurisdiction	IDOT/Arlington Heights		
Date Performed	10/3/2012			Analysis Year	2012		
Analysis Time Period	Sunday Outbound Peak						
Project Description							
East/West Street: St Edna North Drive				North/South Street: Arlington Heights Road			
Intersection Orientation: North-South				Study Period (hrs): 0.25			
Vehicle Volumes and Adjustments							
Major Street	Northbound			Southbound			
Movement	1	2	3	4	5	6	
	L	T	R	L	T	R	
Volume (veh/h)		678		4	795		
Peak-Hour Factor, PHF	1.00	0.96	1.00	0.96	0.82	1.00	
Hourly Flow Rate, HFR (veh/h)	0	706	0	4	969	0	
Percent Heavy Vehicles	0	--	--	1	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	0	2	0	1	2	0	
Configuration		T		L	T		
Upstream Signal		0			0		
Minor Street	Eastbound			Westbound			
Movement	7	8	9	10	11	12	
	L	T	R	L	T	R	
Volume (veh/h)						58	
Peak-Hour Factor, PHF	1.00	1.00	0.80	1.00	1.00	1.00	
Hourly Flow Rate, HFR (veh/h)	0	0	0	0	0	58	
Percent Heavy Vehicles	0	0	1	0	0	0	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	1	
Configuration						R	
Delay, Queue Length, and Level of Service							
Approach	Northbound	Southbound	Westbound			Eastbound	
Movement	1	4	7	8	9	10	11
Lane Configuration		L			R		
v (veh/h)		4			58		
C (m) (veh/h)		895			695		
v/c		0.00			0.08		
95% queue length		0.01			0.27		
Control Delay (s/veh)		9.0			10.7		
LOS		A			B		
Approach Delay (s/veh)	--	--	10.7				
Approach LOS	--	--	B				

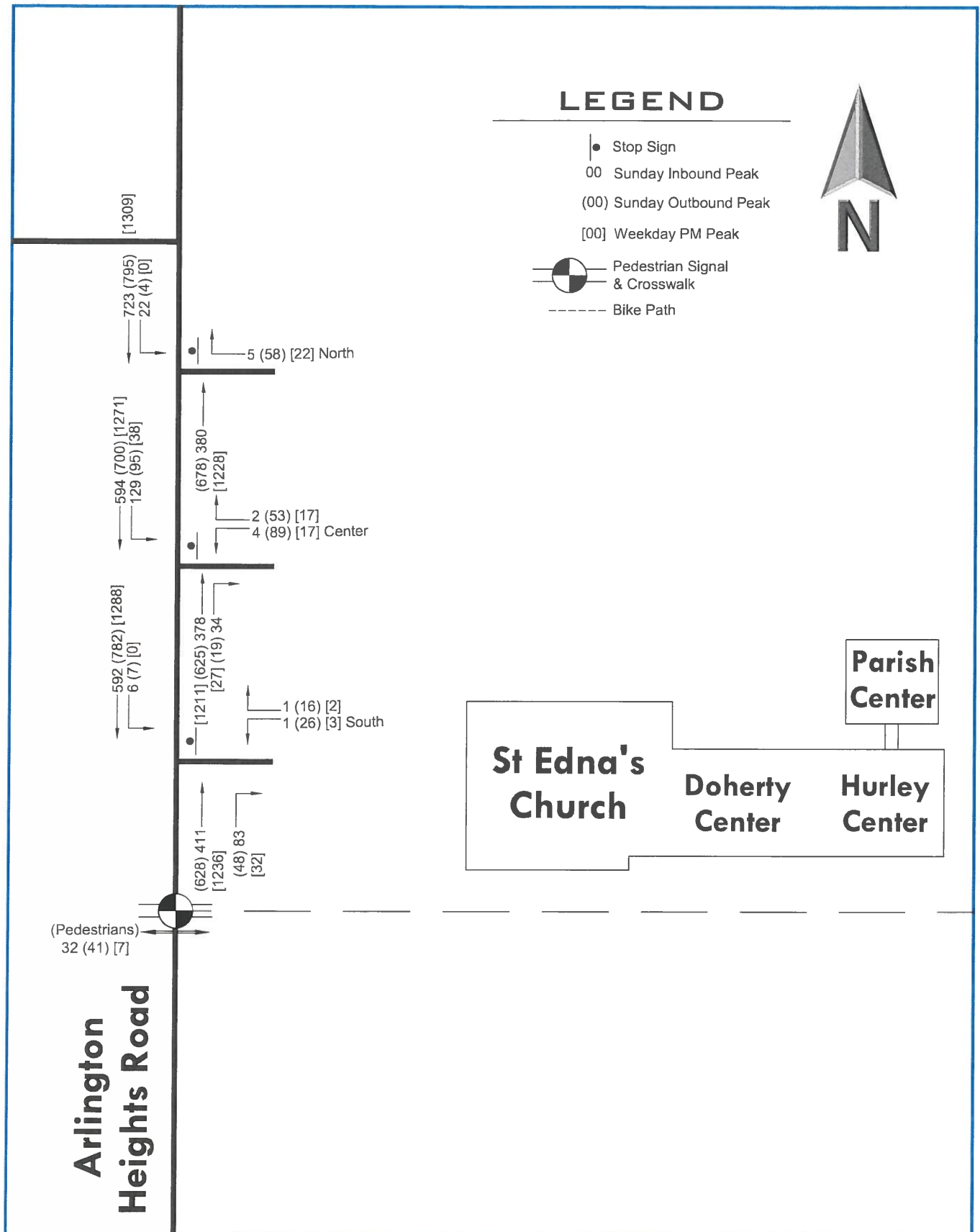
Overall LOS B-10.6

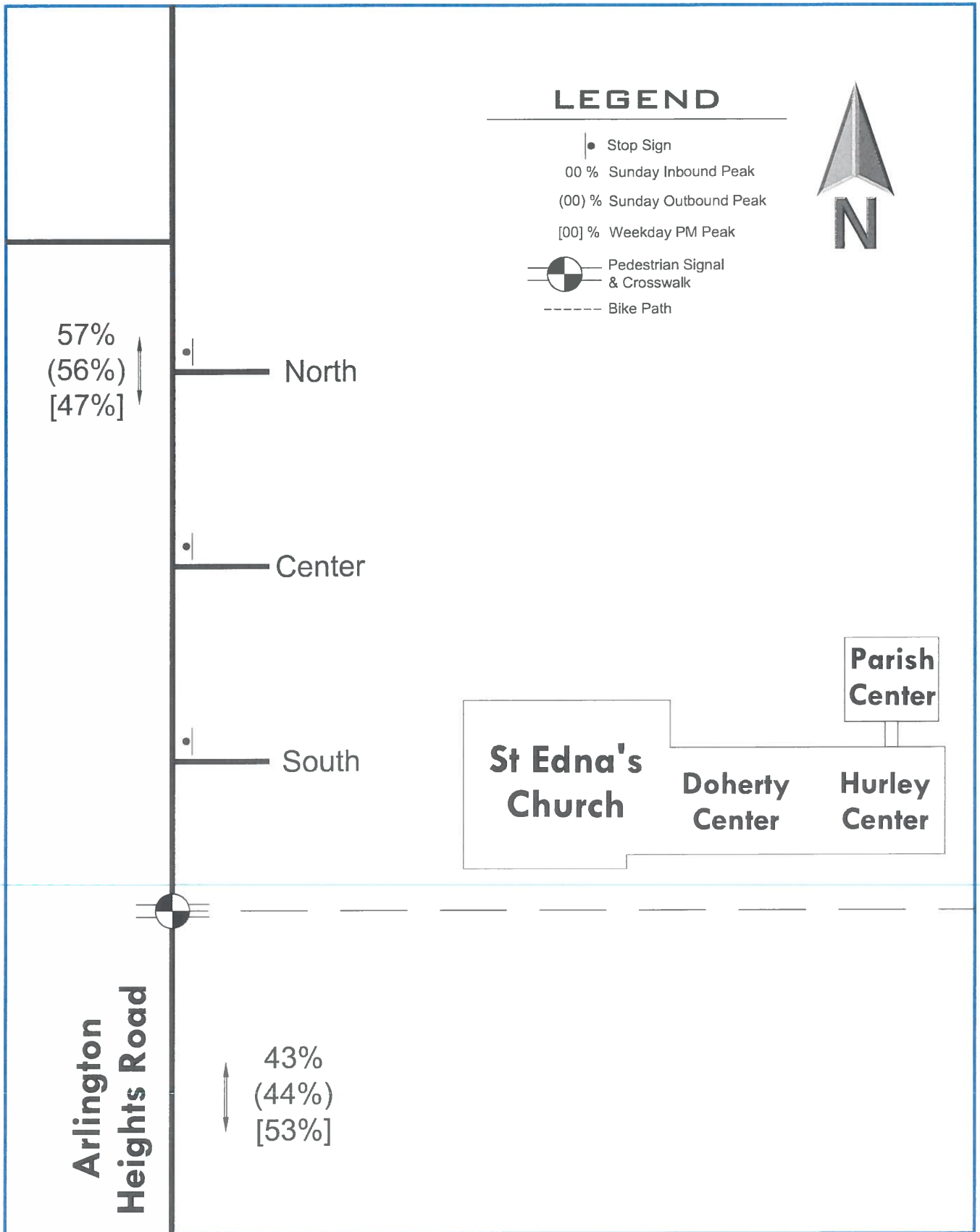
CONCLUSIONS

The preceding traffic and parking analysis analyzed the proposed Parish Center developed the following conclusions:

- The proposed use of the Parish Center will not increase the trip generation or parking demand at St. Edna's Church.
- Plastic bollards could be installed at the North Driveway to prevent left-turns into the driveway from Arlington Heights Road. They would be located on church property.
- No improvements are required at the South Driveway.
- The parking supply will be increased from 356 spaces to 395 spaces which meets the needs of the church.
- A parking variation of 170 spaces from the zoning code is warranted because the St. Edna's Church does not plan of scheduling two concurrent events in the Parish Center and the existing Church facilities.









Appendix

- **2012 Traffic Counts**
- **Existing Capacity Analyses**

Intersection Traffic Counts



Arlington Heights, Illinois

St. Edna's Church Drives on Arlington Heights Road

Sunday, September 9, 2012

Begin Time	North				Center				Southern				St Edna's Church Totals				Arlington Heights Road at South Entrance				Pedestrian Crossing	
	Exit Drive		Site Access Drive		Site Access Drive		Site Access Drive		Site Access Drive		Site Access Drive		60 Minute Totals	15 Minute Totals	In	Out	Total	NB Thru	SB Thru	Total	60 Minute Totals	15 Minute Totals
	In	Out	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right										
9:00 AM	10	0	18	0	0	0	0	0	0	0	0	0	16	51	51	0	51	90	132	222	1003	0
9:15 AM	8	3	75	1	1	26	4	0	1	48	0	1	48	167	161	6	167	118	187	305	1021	13
9:30 AM	3	1	34	1	2	2	1	1	0	18	0	0	18	63	58	5	63	98	115	213	1045	18
9:45 AM	1	1	2	0	1	0	0	0	0	1	0	0	1	6	4	2	6	105	158	263	1177	1
10:00 AM	0	0	0	0	1	1	1	0	0	1	0	0	1	4	3	1	4	110	130	240	1258	0
10:15 AM	0	7	2	3	3	0	0	0	0	1	0	0	3	19	5	14	19	147	182	329	1385	1
10:30 AM	0	25	0	29	44	0	0	12	19	2	131	415	2	129	2	129	131	149	196	345	1410	25
10:45 AM	0	23	4	18	32	2	1	2	4	1	87	372	8	79	8	79	87	145	199	344	1445	13
11:00 AM	0	6	28	3	6	6	2	0	0	11	62	299	47	15	47	15	62	166	201	367	1557	1
11:15 AM	4	4	63	3	7	11	4	2	3	34	135	116	19	135	116	19	135	168	186	354	1557	2
11:30 AM	6	6	42	4	2	5	1	0	0	22	88	76	12	88	76	12	88	189	191	380	1557	8
11:45 AM	0	4	4	0	0	2	0	0	0	4	14	10	4	14	10	4	14	247	209	456	1557	2
Total	32	80	0	62	99	61	15	17	28	161		541	286	827	541	286	827	1732	2086	3818	1557	84
Inbound Peak 9:00-10:00 AM	22	5	129	2	4	34	6	1	1	83	287	274	13	287	274	13	287	411	592	1003	1557	32
Outbound Peak 10:30-11:30 AM	4	58	95	53	89	19	7	16	26	48	415	173	242	415	173	242	415	628	782	1410	1557	41

Tuesday, October 2, 2012

Begin Time	North				Center				Southern				St Edna's Church Totals				Arlington Heights Road at South Entrance				Pedestrian Crossing	
	Exit Drive		Site Access Drive		Site Access Drive		Site Access Drive		Site Access Drive		Site Access Drive		60 Minute Totals	15 Minute Totals	In	Out	Total	NB Thru	SB Thru	Total	60 Minute Totals	15 Minute Totals
	In	Out	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right										
4:00 PM	0	5	14	1	2	5	0	0	0	9	36	76	28	8	28	8	36	268	259	527	2326	2
4:15 AM	0	3	0	4	14	4	0	0	0	5	30	49	9	21	9	21	30	270	271	541	2395	0
4:30 PM	0	1	0	1	2	0	0	1	0	1	6	55	1	5	1	5	6	302	345	647	2511	0
4:45 PM	0	0	0	0	0	1	0	0	0	3	4	104	4	0	4	0	4	279	332	611	2482	1
5:00 PM	0	1	3	2	1	1	0	0	0	1	9	158	5	4	5	4	9	278	318	596	2524	0
5:15 PM	0	9	7	2	2	11	0	0	0	5	36	149	23	13	23	13	36	328	329	657	1928	0
5:30 PM	0	7	7	8	11	9	0	1	2	10	55	113	26	29	26	29	55	305	313	618	1271	3
5:45 PM	0	5	21	5	3	6	0	1	1	16	58	58	43	15	43	15	58	325	328	653	653	4
Total	0	31	52	23	35	37	0	3	3	50	158	139	95	234	139	95	234	2355	2495	4850	158	10
5:00-6:00 PM	0	22	38	17	17	27	0	2	3	32	158	97	61	158	97	61	158	1236	1288	2524	158	7

TWO-WAY STOP CONTROL SUMMARY									
General Information					Site Information				
Analyst	SBC				Intersection	North Drive/Arlington Hts Road			
Agency/Co.	EEA				Jurisdiction	IDOT/Arlington Heights			
Date Performed	10/1/2012				Analysis Year	2012			
Analysis Time Period	Sunday Inbound Peak								
Project Description									
East/West Street: St Edna North Drive					North/South Street: Arlington Heights Road				
Intersection Orientation: North-South					Study Period (hrs): 0.25				
Vehicle Volumes and Adjustments									
Major Street	Northbound			Southbound					
Movement	1	2	3	4	5	6			
	L	T	R	L	T	R			
Volume (veh/h)		380		22	723				
Peak-Hour Factor, PHF	1.00	0.82	1.00	0.82	0.82	1.00			
Hourly Flow Rate, HFR (veh/h)	0	463	0	26	881	0			
Percent Heavy Vehicles	0	--	--	1	--	--			
Median Type	Undivided								
RT Channelized			0			0			
Lanes	0	2	0	1	2	0			
Configuration		T		L	T				
Upstream Signal		0			0				
Minor Street	Eastbound			Westbound					
Movement	7	8	9	10	11	12			
	L	T	R	L	T	R			
Volume (veh/h)						5			
Peak-Hour Factor, PHF	1.00	1.00	0.80	1.00	1.00	0.80			
Hourly Flow Rate, HFR (veh/h)	0	0	0	0	0	6			
Percent Heavy Vehicles	0	0	1	0	0	0			
Percent Grade (%)	0			0					
Flared Approach		N			N				
Storage		0			0				
RT Channelized			0			0			
Lanes	0	0	0	0	0	1			
Configuration						R			
Delay, Queue Length, and Level of Service									
Approach	Northbound	Southbound	Westbound			Eastbound			
Movement	1	4	7	8	9	10	11	12	
Lane Configuration		L			R				
v (veh/h)		26			6				
C (m) (veh/h)		1102			812				
v/c		0.02			0.01				
95% queue length		0.07			0.02				
Control Delay (s/veh)		8.3			9.5				
LOS		A			A				
Approach Delay (s/veh)	--	--	9.5						
Approach LOS	--	--	A						

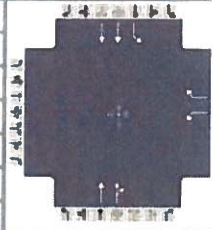
Overall LOS A-9.1sa

TWO-WAY STOP CONTROL SUMMARY							
General Information				Site Information			
Analyst	SBC			Intersection	North Drive/Arlington Hts Road		
Agency/Co.	EEA			Jurisdiction	IDOT/Arlington Heights		
Date Performed	10/3/2012			Analysis Year	2012		
Analysis Time Period	Weekday PM Peak						
Project Description							
East/West Street: St Edna North Drive				North/South Street: Arlington Heights Road			
Intersection Orientation: North-South				Study Period (hrs): 0.25			
Vehicle Volumes and Adjustments							
Major Street	Northbound			Southbound			
Movement	1	2	3	4	5	6	
	L	T	R	L	T	R	
Volume (veh/h)		1228		0	1309		
Peak-Hour Factor, PHF	1.00	0.96	1.00	0.96	0.82	1.00	
Hourly Flow Rate, HFR (veh/h)	0	1279	0	0	1596	0	
Percent Heavy Vehicles	0	--	--	1	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	0	2	0	1	2	0	
Configuration		T		L	T		
Upstream Signal		0			0		
Minor Street	Eastbound			Westbound			
Movement	7	8	9	10	11	12	
	L	T	R	L	T	R	
Volume (veh/h)						22	
Peak-Hour Factor, PHF	1.00	1.00	0.80	1.00	1.00	0.80	
Hourly Flow Rate, HFR (veh/h)	0	0	0	0	0	27	
Percent Heavy Vehicles	0	0	1	0	0	0	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	1	
Configuration						R	
Delay, Queue Length, and Level of Service							
Approach	Northbound	Southbound	Westbound			Eastbound	
Movement	1	4	7	8	9	10	11
Lane Configuration		L			R		
v (veh/h)		0			27		
C (m) (veh/h)		544			479		
v/c		0.00			0.06		
95% queue length		0.00			0.18		
Control Delay (s/veh)		11.6			13.0		
LOS		B			B		
Approach Delay (s/veh)	--	--	13.0				
Approach LOS	--	--	B				

Overall LOS B - 11.6 sec

HCS 2010 Signalized Intersection Results Summary

General Information					Intersection Information	
Agency	EEA				Duration, h	0.25
Analyst	SBC		Analysis Date	Oct 1, 2012	Area Type	Other
Jurisdiction	IDOT/Arlington Heights		Time Period	9 - 10 AM	PHF	0.82
Intersection	Arlington Heights/Center D		Analysis Year	2012 Existing	Analysis Period	1> 7:00
File Name	Inbd Peak.xus					
Project Description	Police Control					



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (v), veh/h				4		2		378	34	129	594	

Signal Information												
Cycle, s	90.0	Reference Phase	2									
Offset, s	0	Reference Point	End									
Uncoordinated	No	Simult. Gap E/W	On	Green	9.0	58.0	5.0	0.0	0.0	0.0		
Force Mode	Fixed	Simult. Gap N/S	On	Yellow	4.0	4.0	4.0	0.0	0.0	0.0		
				Red	2.0	2.0	2.0	0.0	0.0	0.0		

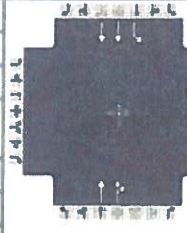
Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase				4		6	5	2
Case Number				9.0		8.3	1.0	4.0
Phase Duration, s				11.0		64.0	15.0	79.0
Change Period, (Y+R ₀), s				6.0		6.0	6.0	6.0
Max Allow Headway (MAH), s				3.2		0.0	3.1	0.0
Queue Clearance Time (g _s), s				2.2			4.0	
Green Extension Time (g _e), s				0.0		0.0	0.1	0.0
Phase Call Probability				1.00			1.00	
Max Out Probability				1.00			0.12	

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement				7		14		6	16	5	2	
Adjusted Flow Rate (v), veh/h				5		2		254	248	157	724	
Adjusted Saturation Flow Rate (s), veh/h/ln				1810		1610		1900	1845	1810	1809	
Queue Service Time (g _s), s				0.2		0.1		5.0	5.0	2.0	4.3	
Cycle Queue Clearance Time (g _c), s				0.2		0.1		5.0	5.0	2.0	4.3	
Capacity (c), veh/h				101		89		1224	1189	797	2934	
Volume-to-Capacity Ratio (X)				0.049		0.027		0.208	0.209	0.197	0.247	
Available Capacity (c _a), veh/h				101		89		1224	1189	797	2934	
Back of Queue (Q), veh/ln (95th percentile)				0.2		0.1		3.3	3.2	0.8	1.5	
Overflow Queue (Q ₃), veh/ln				0.0		0.0		0.0	0.0	0.0	0.0	
Queue Storage Ratio (RQ) (95th percentile)				0.00		0.00		0.00	0.00	0.00	0.00	
Uniform Delay (d ₁), s/veh				40.2		40.2		6.6	6.6	3.0	2.0	
Incremental Delay (d ₂), s/veh				0.1		0.0		0.4	0.4	0.0	0.2	
Initial Queue Delay (d ₃), s/veh				0.0		0.0		0.0	0.0	0.0	0.0	
Control Delay (d), s/veh				40.3		40.2		7.0	7.0	3.1	2.2	
Level of Service (LOS)				D		D		A	A	A	A	
Approach Delay, s/veh / LOS	0.0			40.3		D	7.0	A		2.4		A
Intersection Delay, s/veh / LOS	4.2						A					

Multimodal Results	EB			WB			NB			SB		
Pedestrian LOS Score / LOS	2.7		B	2.9		C	2.2		B	0.6		A
Bicycle LOS Score / LOS						F	0.9		A	1.2		A

HCS 2010 Signalized Intersection Results Summary

General Information						Intersection Information							
Agency		EEA				Duration, h		0.25					
Analyst		SBC		Analysis Date		Oct 1, 2012		Area Type		Other			
Jurisdiction		IDOT/Arlington Heights		Time Period		Sunday outbound Peak		PHF		0.82			
Intersection		Arlington Heights/Center D		Analysis Year		2012 Existing		Analysis Period		1> 7:00			
File Name		Outbd Peak.xus											
Project Description		Police Control											



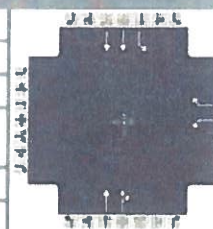
Demand Information				EB			WB			NB			SB		
Approach Movement				L	T	R	L	T	R	L	T	R	L	T	R
Demand (v), veh/h							89		53		625	19	95	700	

Signal Information															
Cycle, s	90.0	Reference Phase	2												
Offset, s	0	Reference Point	End												
Uncoordinated	No	Simult. Gap E/W	On	Green	9.0	49.0	14.0	0.0	0.0	0.0					
Force Mode	Fixed	Simult. Gap N/S	On	Yellow	4.0	4.0	4.0	0.0	0.0	0.0					
				Red	2.0	2.0	2.0	0.0	0.0	0.0					

Timer Results		EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase					4		6	5	2
Case Number					9.0		8.3	1.0	4.0
Phase Duration, s					20.0		55.0	15.0	70.0
Change Period, (Y+R _c), s					6.0		6.0	6.0	6.0
Max Allow Headway (MAH), s					3.2		0.0	3.1	0.0
Queue Clearance Time (g _s), s					6.8			4.1	
Green Extension Time (g _e), s					0.2		0.0	0.1	0.0
Phase Call Probability					1.00			1.00	
Max Out Probability					0.02			0.10	

Movement Group Results				EB			WB			NB			SB		
Approach Movement				L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement							7		14		6	16	5	2	
Adjusted Flow Rate (v), veh/h							109		65		395	391	116	854	
Adjusted Saturation Flow Rate (s), veh/h/ln							1810		1610		1900	1880	1810	1809	
Queue Service Time (g _s), s							4.8		3.2		10.8	10.8	2.1	8.0	
Cycle Queue Clearance Time (g _c), s							4.8		3.2		10.8	10.8	2.1	8.0	
Capacity (c), veh/h							281		250		1034	1024	558	2573	
Volume-to-Capacity Ratio (X)							0.386		0.258		0.382	0.382	0.207	0.332	
Available Capacity (c _a), veh/h							281		250		1034	1024	558	2573	
Back of Queue (Q), veh/ln (95th percentile)							3.8		2.2		7.9	7.8	1.2	4.3	
Overflow Queue (Q ₂), veh/ln							0.0		0.0		0.0	0.0	0.0	0.0	
Queue Storage Ratio (RQ) (95th percentile)							0.00		0.00		0.00	0.00	0.00	0.00	
Uniform Delay (d ₁), s/veh							34.1		33.4		11.8	11.8	6.4	4.9	
Incremental Delay (d ₂), s/veh							0.3		0.2		1.1	1.1	0.1	0.3	
Initial Queue Delay (d ₃), s/veh							0.0		0.0		0.0	0.0	0.0	0.0	
Control Delay (d), s/veh							34.5		33.6		12.9	12.9	6.5	5.3	
Level of Service (LOS)							C		C		B	B	A	A	
Approach Delay, s/veh / LOS				0.0			34.1		C	12.9		B	5.4		A
Intersection Delay, s/veh / LOS				11.0						B					

Multimodal Results				EB			WB			NB			SB		
Pedestrian LOS Score / LOS				2.7		B	2.9		C	2.3		B	0.8		A
Bicycle LOS Score / LOS									F	1.1		A	1.3		A



TWO-WAY STOP CONTROL SUMMARY								
General Information					Site Information			
Analyst	SBC				Intersection	Center Dr/Arlington Hts Road		
Agency/Co.	EEA				Jurisdiction	IDOT/Arlington Heights		
Date Performed	10/3/2012				Analysis Year	2012 Existing		
Analysis Time Period	Weekday PM Peak							
Project Description								
East/West Street: St Edna's Center Drive					North/South Street: Arlington Heights Road			
Intersection Orientation: North-South					Study Period (hrs): 0.25			
Vehicle Volumes and Adjustments								
Major Street	Northbound			Southbound				
Movement	1	2	3	4	5	6		
	L	T	R	L	T	R		
Volume (veh/h)		1211	27	38	1271			
Peak-Hour Factor, PHF	1.00	0.96	0.96	0.96	0.96	1.00		
Hourly Flow Rate, HFR (veh/h)	0	1261	28	39	1323	0		
Percent Heavy Vehicles	0	--	--	1	--	--		
Median Type	Undivided							
RT Channelized			0			0		
Lanes	0	2	0	1	2	0		
Configuration		T	TR	L	T			
Upstream Signal		0			0			
Minor Street	Eastbound			Westbound				
Movement	7	8	9	10	11	12		
	L	T	R	L	T	R		
Volume (veh/h)				17		17		
Peak-Hour Factor, PHF	1.00	1.00	1.00	0.80	1.00	0.80		
Hourly Flow Rate, HFR (veh/h)	0	0	0	21	0	21		
Percent Heavy Vehicles	0	0	0	1	0	0		
Percent Grade (%)	0			0				
Flared Approach		N			N			
Storage		0			0			
RT Channelized			0			0		
Lanes	0	0	0	1	0	1		
Configuration				L		R		
Delay, Queue Length, and Level of Service								
Approach	Northbound	Southbound	Westbound			Eastbound		
Movement	1	4	7	8	9	10	11	12
Lane Configuration		L	L		R			
v (veh/h)		39	21		21			
C (m) (veh/h)		539	48		476			
v/c		0.07	0.44		0.04			
95% queue length		0.23	1.59		0.14			
Control Delay (s/veh)		12.2	128.9		12.9			
LOS		B	F		B			
Approach Delay (s/veh)	--	--	70.9					
Approach LOS	--	--	F					

Overall LOS E - 42.6

TWO-WAY STOP CONTROL SUMMARY							
General Information				Site Information			
Analyst	SBC			Intersection	South Drive/Arlington Hts Road		
Agency/Co.	EEA			Jurisdiction	IDOT/Arlington Heights		
Date Performed	10/1/2012			Analysis Year	2012 Existing		
Analysis Time Period	Sunday Inbound Peak						
Project Description							
East/West Street: St Edna's South Drive				North/South Street: Arlington Heights Road			
Intersection Orientation: North-South				Study Period (hrs): 0.25			
Vehicle Volumes and Adjustments							
Major Street	Northbound			Southbound			
Movement	1	2	3	4	5	6	
	L	T	R	L	T	R	
Volume (veh/h)		411	83	6	592		
Peak-Hour Factor, PHF	1.00	0.82	0.82	0.82	0.82	1.00	
Hourly Flow Rate, HFR (veh/h)	0	501	101	7	721	0	
Percent Heavy Vehicles	0	--	--	1	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	0	2	0	1	2	0	
Configuration		T	TR	L	T		
Upstream Signal		0			0		
Minor Street	Eastbound			Westbound			
Movement	7	8	9	10	11	12	
	L	T	R	L	T	R	
Volume (veh/h)				1		1	
Peak-Hour Factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	
Hourly Flow Rate, HFR (veh/h)	0	0	0	1	0	1	
Percent Heavy Vehicles	0	0	0	1	0	0	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	0	
Configuration					LR		
Delay, Queue Length, and Level of Service							
Approach	Northbound	Southbound	Westbound			Eastbound	
Movement	1	4	7	8	9	10	11
Lane Configuration		L		LR			
v (veh/h)		7		2			
C (m) (veh/h)		978		393			
v/c		0.01		0.01			
95% queue length		0.02		0.02			
Control Delay (s/veh)		8.7		14.2			
LOS		A		B			
Approach Delay (s/veh)	--	--	14.2				
Approach LOS	--	--	B				

Overall LOSA - 9.9

TWO-WAY STOP CONTROL SUMMARY							
General Information				Site Information			
Analyst	SBC			Intersection	South Drive/Arlington Hts Road		
Agency/Co.	EEA			Jurisdiction	IDOT/Arlington Heights		
Date Performed	10/1/2012			Analysis Year	2012 Existing		
Analysis Time Period	Sunday Outbound Peak						
Project Description							
East/West Street: St Edna's South Drive				North/South Street: Arlington Heights Road			
Intersection Orientation: North-South				Study Period (hrs): 0.25			
Vehicle Volumes and Adjustments							
Major Street	Northbound			Southbound			
Movement	1	2	3	4	5	6	
	L	T	R	L	T	R	
Volume (veh/h)		628	48	7	782		
Peak-Hour Factor, PHF	1.00	0.82	0.82	0.82	0.82	1.00	
Hourly Flow Rate, HFR (veh/h)	0	765	58	8	953	0	
Percent Heavy Vehicles	0	--	--	1	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	0	2	0	1	2	0	
Configuration		T	TR	L	T		
Upstream Signal		0			0		
Minor Street	Eastbound			Westbound			
Movement	7	8	9	10	11	12	
	L	T	R	L	T	R	
Volume (veh/h)				26		16	
Peak-Hour Factor, PHF	1.00	1.00	1.00	0.80	1.00	0.80	
Hourly Flow Rate, HFR (veh/h)	0	0	0	32	0	19	
Percent Heavy Vehicles	0	0	0	1	0	0	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	0	
Configuration					LR		
Delay, Queue Length, and Level of Service							
Approach	Northbound	Southbound	Westbound			Eastbound	
Movement	1	4	7	8	9	10	11
Lane Configuration		L		LR			
v (veh/h)		8		51			
C (m) (veh/h)		809		216			
v/c		0.01		0.24			
95% queue length		0.03		0.89			
Control Delay (s/veh)		9.5		26.7			
LOS		A		D			
Approach Delay (s/veh)	--	--	26.7				
Approach LOS	--	--	D				

Overall-LOSC-24.4 sec

TWO-WAY STOP CONTROL SUMMARY							
General Information				Site Information			
Analyst	SBC			Intersection	South Drive/Arlington Hts Road		
Agency/Co.	EEA			Jurisdiction	IDOT/Arlington Heights		
Date Performed	10/3/2012			Analysis Year	2012 Existing		
Analysis Time Period	Weekday PM Peak						
Project Description							
East/West Street: St Edna's South Drive				North/South Street: Arlington Heights Road			
Intersection Orientation: North-South				Study Period (hrs): 0.25			
Vehicle Volumes and Adjustments							
Major Street	Northbound			Southbound			
Movement	1	2	3	4	5	6	
	L	T	R	L	T	R	
Volume (veh/h)		1236	32	0	1288		
Peak-Hour Factor, PHF	1.00	0.96	0.96	0.96	0.96	1.00	
Hourly Flow Rate, HFR (veh/h)	0	1287	33	0	1341	0	
Percent Heavy Vehicles	0	--	--	1	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	0	2	0	1	2	0	
Configuration		T	TR	L	T		
Upstream Signal		0			0		
Minor Street	Eastbound			Westbound			
Movement	7	8	9	10	11	12	
	L	T	R	L	T	R	
Volume (veh/h)				3		2	
Peak-Hour Factor, PHF	1.00	1.00	1.00	0.80	1.00	0.80	
Hourly Flow Rate, HFR (veh/h)	0	0	0	3	0	2	
Percent Heavy Vehicles	0	0	0	1	0	0	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	0	
Configuration					LR		
Delay, Queue Length, and Level of Service							
Approach	Northbound	Southbound	Westbound			Eastbound	
Movement	1	4	7	8	9	10	11
Lane Configuration		L		LR			
v (veh/h)		0		5			
C (m) (veh/h)		525		85			
v/c		0.00		0.06			
95% queue length		0.00		0.18			
Control Delay (s/veh)		11.9		50.0			
LOS		B		E			
Approach Delay (s/veh)	--	--	50.0				
Approach LOS	--	--	E				

Overall LOS E 50.0





Memorandum

TO: Ms. Susan Maish
Jaeger, Nickola, Kuhlman and Associates

FROM: Stephen B. Corcoran, P.E., PTOE
Director of Traffic Engineering

DATE: August 23, 2017
Revised September 25, 2017

RE: St Edna Catholic Church Parish Center
Traffic and Parking Addendum
Arlington Heights, Illinois

This addendum addresses the changes in the St. Edna Catholic Church site plan for their proposed Parish Center on their campus at 2525 North Arlington Heights Road in Arlington Heights, Illinois. Eriksson Engineering Associates had prepared a traffic and parking study, dated October 25, 2013, for a 10,800 square foot Parish Center with 395 parking spaces. That study concluded that the use of the Parish Center does not increase the traffic volumes and parking demand at the church because the use of the center would not occur concurrently with any religious activities in the church. A parking variation of 228 spaces was approved since the peak parking demand was 309 vehicles.

Since the completion of the original study, the site plan has been revised several times and now shows a 13,490 square foot Parish Center with a 377 space parking lot. The required parking, per the Zoning Code, is 629 parking spaces (see attached JNKA memorandum) and requires a variation of 252 spaces.

As indicated previously, the church, the Doherty and Hurley Centers, and the Parish Center would not be used concurrently which require 252, 216, and 161 spaces respectively with each use less than the parking provided. Please note some activity in the Doherty and Hurley Centers occurs during services but not at full occupancy.

Parking surveys by EEA in the 2013 analysis during Sunday services and weekday evening religious education classes found the peak parking demand at 309 spaces on a Sunday. The proposed 378 space parking lot can easily accommodate this demand.

The traffic analysis in the 2013 report analyzed Sunday services and weekday evening religious classes and found good operating conditions. The proposed changes to the site plan will not alter those conclusions.

CONCLUSIONS

The traffic and parking analysis analyzed the proposed Parish Center developed the following conclusions:

1. The proposed use of the Parish Center will not increase the trip generation or parking demand at St. Edna's Church.
2. Plastic bollards could be installed at the North Driveway to prevent left-turns into the driveway from Arlington Heights Road. They would be located on church property.
3. No improvements are required at the South Driveway.
4. The parking supply will be increased from 356 spaces to 377 spaces which meets the needs of the church.
5. A parking variation of 252 spaces from the zoning code is warranted because the St. Edna's Church does not plan on scheduling two concurrent events in the Parish Center and the existing Church facilities.



ST. EDNA NEIGHBORHOOD MEETING MINUTES

DATE: **October 19, 2017**

PROJECT: **St. Edna Catholic Church**

ATTENDING: **See Attached List**

MEETING DATE AND TIME: **Tuesday, October 17th 7:00-9:15 pm**

FROM: **Susan Maish, ALA**
JNKA Architects

JNKA planned a presentation for the neighborhood meeting, but the meeting naturally flowed into a forum question and answer session. The following are the questions asked by the neighbors and the responses given. The questions are not given in the order in which they were asked, but listed by topic.

BUILDING

- ***Why is the building larger?***

JNKA indicated that the building was larger to better accommodate all its multipurpose functions. The new plan accommodates athletic functions as well as the Appreciation Dinner and other larger functions better. The neighbor further asked why is the square footage need greater now than before? JNKA indicated that in the initial stages the plan for the Parish Center was 12,345 square feet and it was value engineered in 2012 to 10,800 sf because of funding. The current plan is more consistent with the initial design. Some neighbors were concerned about young people loitering outside in the parking lot because of the athletic capabilities of the building. JNKA and St. Edna indicated that this is truly a multipurpose building and is not athletically focused. It may look like a gym because of the striping on the floor, but it will be truly multipurpose.

- ***Why is the building taller?***

JNKA and St. Edna indicated that it was both for athletic clearance and the proportions of the room. The building was made larger and therefore also taller. JNKA also indicated that the building is set into the ground. The actual height building when measured from grade is less than the elevations indicate since they are measured from 0'-0" and not grade.

- ***Are blinds provided on the windows in the Parish Center?***
There are motorized blinds on the high west, south, and north windows. The neighbors saw this as an asset. The blinds could prevent the light from leaving the building during night time events.
- ***What is the space between the new building and the Existing building?***
JNKA indicated that it was approximately 30'-0". The neighbors did not think this was a large space.
- ***What will this space be utilized for?***
This space would be used as a courtyard in the future. The access would be from the Parish Center building and link.

SITE PLAN

- ***Has the east edge of the building been shifted farther east?***
JNKA responded that the east edge of the former Rectory and the east edge of the 2013 PUD approved new addition were set back from the east property line 156'-10". The current proposed east edge is setback from the east property line 139'-8". JNKA also noted that the rear setback is 30'-0" from the property line, so St. Edna is well beyond that setback.
- ***Is the site plan that has been submitted the final plan? Or will there be another PUD amendment in the next 10 years adding a freestanding Rectory as was shown to the Parish in 2015?***
JNKA responded and St. Edna confirmed that they have no plans to build a free-standing Rectory.
- ***How much impervious area has been added?***
JNKA indicated that she needed to check how much impervious area was added. The impervious coverage of the proposed plan is 58%. She indicated that there is no requirement for impervious coverage for a church in a residential district.
- ***How frequently would the stage access drive be utilized?***
JNKA and St. Edna indicated that they currently have one play a year that is performed over 2 weekends. St. Edna also indicated that some of the deliveries they receive for the plays are lighting and sound equipment. Some of these features will be integral to the new structure and no longer require delivery or rental. The neighbor further inquired if there would be other deliveries at this door? ie. Caterers or items for the church.
JNKA and St. Edna indicated that the rear door is at stage level. This makes it inconvenient for delivery of items that are not for the stage or Parish Center. The kitchen is on the west side of the building with its own access door. The caterers would utilize that access point.

- ***Can the stage access drive be chained when not in use by the church?***

The neighbor was concerned that someone would start to utilize the stage access drive for parking if not chained. St. Edna indicated that they would chain off the stage access drive when not in use.

- ***Does the garbage truck have ample room with the new island?***

JNKA indicated that this would need to be investigated.

PARKING

A lot of discussions took place regarding the number of parking spaces required and provided.

- ***Is the additional parking required by the Village?***

JNKA indicated that the Village determines their parking count by assuming that the building is fully occupied. The approximate number of required parking spaces is ~ 620 parking spaces. We were providing a fraction of the total number required. JNKA indicated that we did decide the amount of a variance that we were requesting.

- ***If smaller plan was approved in 2013, why could we not request a smaller parking lot now?***

St. Edna indicated that the number of required spaces goes up with the size of the building.

- ***What is the reason for the additional parking?***

JNKA and St. Edna indicated that the additional parking spaces would be to accommodate large holiday services and to provide additional spaces closer to the Parish Center. St. Edna indicated that it was a request of the Parish to add additional parking spaces during the original Parish survey (conducted in or around 2010.)

It was the sentiment of a couple of the neighbors who attended the meeting that they would prefer to have the additional cars park on the street on the holidays and did not think that this was a good reason to add additional parking spaces. The neighbors also said that they believed that the existing parking lot was a more desirable parking area for the new Parish Center addition. JNKA and St. Edna agreed that the first couple of rows in the existing lots would be the most desirable parking spaces for the Parish Center because of the location of the main entrance doors. But once those parking spaces are filled, the new lot would be more desirable.

- ***How many trees are being removed for the installation of the new parking lot?***

JNKA showed the tree preservation planned and indicated that there was (1) 40" Silver Maple and (2) 22" Silver Maples and an 8" and 10" Green Ash. One neighbor indicated that they would really like to see the large Silver Maple remain. Another neighbor indicated that they would not mind the removal of the Silver Maples because of the type of tree.

The overall consensus from the neighbors was to try and save the two northernmost trees. Because they saw the value of the turnaround aisle, they recommended keeping the second drive aisle, but eliminating the northern 15 spaces. This would allow the two northern trees to be saved and maintain more green space. Because this was a significant change, JNKA and St. Edna indicated that they would need to discuss this idea after the neighborhood meeting.

- ***Will the Village approve a variance for a taller fence at the lot line if the parking lot is installed as it is shown on this plan?***

JNKA indicated that a fence is required at the property line. In 2000/2001, the neighbors petitioned so that a fence would not need to be installed. In 2013, the neighbors still agreed that a fence was not desired. JNKA indicated that St. Edna would need to know if a fence was now desired by the neighbors. St. Edna asked for clarification from the neighbor. Would a fence be desired if the parking lot was shown as it is on the current drawings? The neighbor indicated that he might consider this option. I believe the conversation circled back at that time to the removal of the north parking spaces.

LANDSCAPING

- ***Will the landscaping to the east of the parking lot prevent head lights into the neighboring properties?***

JNKA indicated that its purpose is to buffer the headlights. The landscaping is comprised of ornamental trees as well as Junipers. She also indicated that the Village has requested in their Round #2 comments 3 to 4 additional Junipers be incorporated in this area to better shield the headlights.

- ***Can the Arborvitae that are provided between the stage access drive and the northeast RTU unit screen be moved to the East side of the Stage Access Drive?***

The neighbor was interested in shielding the cars on the stage access drive from her property. JNKA indicated that we would add/or move shrubs (Arborvitae) to the east side of the stage access drive. New shrubs would be added if the shrubs on the west side of the stage drive could not be relocated per Village requirements.

ROOF TOP UNITS

The locations of the roof top units were discussed.

- ***What type of fence will be utilized around the HVAC units?***

JNKA indicated that a board and board fence would be utilized. Further discussions on the sound transfer were discussed. JNKA indicated that 50'-0" away from the unit, the sound of the unit is equal to normal conversation. The distance to the property line is nearly 3 x times this distance. The fence and shrubbery also helps to reduce the sound of the units. Everyone seemed to agree with this assessment.

STORM WATER MANAGEMENT

Storm water management was discussed around the site.

- ***How will the north detention area be modified? Will it be getting deeper?***

JNKA indicated that the north detention area will not be getting deeper, but it will be getting wider. One neighbor indicated that the detention area was filled this year extending past the rear setback line. They indicated that care should be taken to make sure it is designed properly.

- ***How will the south side of the new building be drained? Will any additional water be flowing toward the south?***

The neighbor indicated that there is a large drainage problem both on the east and west side of Pine Avenue. The neighbor wanted to ensure that our new building would not amplify this problem.

JNKA displayed the civil plans to the neighbors which showed two new area drains to the south and east of the new building. JNKA also noted that the new roof drains are tied directly into the storm system. They asked to review the sizing of the piping on the south and east side of the building. JNKA reviewed the piping with them. It ranges from 8" to 18" as you move from the south to the detention area. The neighbors seems satisfied with this response.

- ***Is there anything that is being done that can alleviate some of the water that accumulates on the lots to the west of Pine Avenue?***

JNKA indicated that the proposed plan will not worsen or improve the drainage on the southeast property line. The detention area on the southeast property line will pick up the drainage from the parking, but will not necessarily improve the drainage situation to the south of St. Edna's property.

LIGHTING

-What is the design of the exterior lighting?

JNKA indicated that the poles would match the height and style of the current poles. There will also be bollards along the west side of the parking lot. The only additional lighting are lights above the stage door and the two courtyard doors. The neighbors seems satisfied with this response.

CONCLUSIONS

- **St. Edna agreed to chain off the stage access drive to prevent parking during times when the play is not in production or when deliveries for activities in the Parish Center are not taking place.**
- **St. Edna agreed to screen the east side of the Stage Access drive from the neighboring properties.**
- **St. Edna would review the concept of removing the 15 north parking spaces.**



MEETING SIGN-IN SHEET

Project Name: St. Edna Catholic Church

Date/Time: 10.17.17 7:00pm

Meeting Topic: NEIGHBORHOOD MEETING

Location: St. Edna

Name and Address	Email address
KEITH GROSSCHT ^{280N Haddon}	KGROSSCHT@comcast.net
Robert Heidenreich ^{2556 Haddon}	Rheiden2@aol.com
JUNE GARBY ^{139 MEYERSON WAY WHEELING 60090}	junegarby@yahoo.com
* Heidi Lindsay - ^{280N Haddon}	thelindsays1@comcast.net
Robert Moore - ^{2552 N. Haddon.}	RCM33@Comcast.net
Joseph Coleman ^{wheeling IL}	JColeman@MBRES.com
Roger Kriehl	RPK@prodigy.net
Susan & Don Desmond	susanshiedsecomcast.net
Theresa & Krizhna Stoklosa	kastoklosa@gmail.com
Fr. Rodolfo G. Ramirez	r Ramirez@stedna.org
Kay Zimmanck ^{2567 Haddon}	kzimmanck@aol.com
* EAST ELEVATIONS (looking West) site plan	



Village of Arlington Heights Building & Life Safety Department

Interoffice Memorandum

To: Sam Hubbard, Development Planner, Planning and Community Development

From: Deb Pierce, Plan Reviewer, Building & Life Safety Department

Subject: 2525 N Arlington Heights Rd. – St Edna’s Church – PUD Amendment and Parking Variation, with Addition

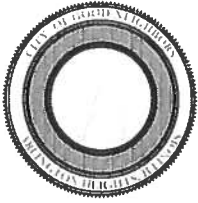
PC#: 17-010

Date: September 15, 2017

Sam:

I have reviewed the documents for the project indicated above and have the following comments:

1. Provide the construction type of the existing building and new addition.
2. Revise the occupant load for the Parish Life Space per 2009 IBC Table 1004.1.1.
3. Provide accessible access to the stage with a ramp or chair lift.
4. Review 2009 IBC Section 410 for stage construction requirements including stage ventilation and the number and type of stage exits.
5. Dressing rooms shall be separated from the stage by fire barriers with a minimum 2-hour rating.



**Village of Arlington Heights, IL
Department of Building & Life Safety**



Fire Safety Division

Date: 9/6/2017

P.C. Number: 17-010 Round No. 1

Project Name: St. Edna P.U.D.

Project Location: 2525 N. Arlington Heights Rd.

Planning Department Contact: Sam Hubbard, Planning and Community Development

The information provided is conceptual only and subject to a formal plan review.

1. A fire suppression system compliant with NFPA 13 will be required for the addition.
2. An approved water supply capable of supplying the required fire flow for fire protection shall be provided.
3. Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design. The location of fire department connections shall be approved. Fire department connections shall be located on the street side of buildings, fully visible and recognizable from the street or nearest point of fire department vehicle access or as otherwise approved a visible Location.
4. If the proposed kitchen will have cooking facilities a Hood and Duct fire suppression system may also be required.
5. A complete fire alarm system is required and will be required to be connected to the existing structure.
6. Shop drawings for fire alarm systems shall be submitted for review and approval prior to system installation.
7. A zoning indicator panel and the associated controls, or, fire alarm control panel shall be located within the closest proximity to the front main entrance.
8. A key box (Know Box) shall be provided and contain keys to gain necessary access as required by the fire code official.
9. Fire department connections shall be fully visible and located at the main front entrance of the building and within a maximum travel distance of 100 feet to the nearest fire hydrant.
10. Buildings or facilities having a gross building area of more than 62,000 square feet shall be provided with two separate and approved fire apparatus access roads. An engineering overlay showing the ability of the Arlington Heights aerial apparatus to negotiate the turns and provide access to the building in particular any portion of the building having a height of 30 feet or more.

11. Aerial fire apparatus access roads shall have a minimum unobstructed width of 26 feet exclusive of shoulders, in the immediate vicinity of any building or portion of building more than 30 feet in height.
12. Signs shall be posted on both sides of an approach of any fire lane stating NO PARKING – FIRE LANE”. Signs shall have arrows indicating the area of parking restriction.
13. Fire lane signs shall be white with red three-inch letters. The dimensions of the sign shall be 12 inches horizontally and 18 inches vertically. These signs shall be installed so that the top of the sign is no less than 6 feet nor more than 6 feet above grade.
14. Exit signs shall be illuminated at all times and have emergency power backup.
15. Fire protection equipment and service rooms shall be identified in an approved manner.
16. Approved access shall be provided and maintained for all fire protection equipment to permit immediate safe operation and maintenance of such equipment.

Date 09-06-17

Reviewed By: 
Fire Safety Supervisor

RECEIVED
SEP 07 2017
PLANNING & COMMUNITY
DEVELOPMENT DEPARTMENT

Memorandum

To: Sam Hubbard, Planning and Community Development
From: Cris Papierniak, Assistant Director of Public Works
Date: September 21, 2017
Subject: 2525 N Arlington Heights Road, P.C. #17- 010

With regard to the proposed PUD Amendment at 2525 N Arlington Heights Road, I have the following comments:

- 1) The new water main will need to be installed, pressure tested, chlorinated and must pass new construction Bac-T before the old water main is abandoned and reconnected.
- 2) Provide a detail specific to this application for the outlet control structure on the underground storm water detention.
- 3) A 6" meter in a meter vault must be provided to meter the entire property. There is a private unmetered hydrant (existing), 2" domestic and 4" fire service that are currently separately metered. Those meters can be removed after the installation of the master meter.
- 4) The existing 4" fire service RPZ must be replaced.
- 5) The existing 2" Domestic water service must be fitted with a 2" RPZ.
- 6) A 3" RPZ needs to be installed on the proposed 3" connection.
- 7) Construction traffic cannot utilize the fire lane.

If you have any questions, please feel free to contact me.

C. file

PETITIONER'S APPLICATION - ARLINGTON HEIGHTS PLAN COMMISSION

Petition #: P.C. 17-010
 Petitioner: Susan Maish, ALA
350 S. Northwest Hwy, Suite 106
Park Ridge, IL 60068 847-692-6166
 Owner: Catholic Bishop of Chicago
835 N. Rush St.
Chicago, IL 60611
 Contact Person: Same as Petitioner
 Address: _____
 Phone #: 847-692-6166
 Fax #: 847-692-2002
 E-Mail: smaish@jnka-architects.com

P.I.N.# 03-17-101-019Location: 2525 N. Arlington Heights Rd, A.H., IL

Rezoning: _____ Current: _____ Proposed: _____

Subdivision: _____

of Lots: _____ Current: _____ Proposed: _____

PUD: Amendment For: _____

Special Use: _____ For: _____

Land Use Variation: _____ For: _____

Land Use: _____ Current: _____

Proposed: _____

Site Gross Area: 8.50 acres

of Units Total: _____

1BR: _____ 2BR: _____ 3BR: _____ 4BR: _____

(P P.)

1. PUBLIC IMPROVEMENTS

REQUIRED: _____ YES NO COMMENTS

a. Underground Utilities

Water _____ X _____Sanitary Sewer _____ X _____Storm Sewer _____ X _____

b. Surface Improvement

Pavement _____ X _____Curb & Gutter _____ X _____Sidewalks _____ X _____Street Lighting _____ X _____

c. Easements

Utility & Drainage _____ X _____Access _____ X _____

2. PERMITS REQUIRED OTHER THAN VILLAGE:

a. MWRDGC X

b. IDOT _____

c. ARMY CORP _____

d. IEPA _____

e. CCHD X (?)

3. R.O.W. DEDICATIONS? _____

4. SITE PLAN ACCEPTABLE? _____

5. PRELIMINARY PLAT ACCEPTABLE? _____

6. TRAFFIC STUDY ACCEPTABLE? _____

7. STORM WATER DETENTION REQUIRED? _____

8. CONTRIBUTION ORDINANCE EXISTING? _____

9. FLOOD PLAIN OR FLOODWAY EXISTING? _____

10. WETLAND EXISTING? _____

YES

NO

COMMENTS

_____ X _____

_____ _____

_____ X __________ X _____

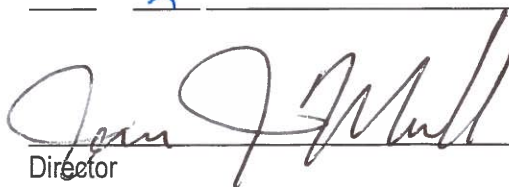
_____ _____

_____ X __________ X __________ X _____SEE COMMENTSN/AFULLY PAID IN 1983: #68-12, #68-13

GENERAL COMMENTS ATTACHED

PLANS PREPARED BY: ERIKSON ENGINEERING ASSOCIATES, LTD.DATE OF PLANS: 8-18-17

Director

9/20/17
Date

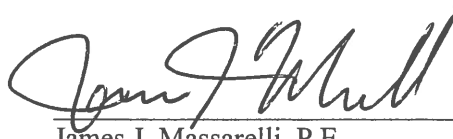
PLAN COMMISSION PC #17-010
St. Edna's New Parish Center Addition
2525 N. Arlington Heights Road
PUD Amendment, Parking Variation
Round 1

11. The petitioner is notified that these comments are being provided to ensure that the project meets the requirements for submittal to the Plan Commission. Approval by the Plan Commission is not an endorsement or approval of these documents to obtain the required building permits, engineering approval, or permits required by other government or permitting agencies for construction. Detailed plan review with associated comments will be provided upon submittal of plans for a building permit. The petitioner shall acknowledge that they accept this understanding.
12. An Engineers estimate of construction cost for full site improvements is required to complete the calculation for plan review, inspection, and other fees. This estimate should be submitted at least three weeks prior to the final Plan Commission meeting to allow us time to generate the fee letter and for the petitioner to assemble the proper documents.
13. Final engineering plans shall be georeferenced by using State Plane Coordinate System – Illinois East. Below are details about projection:

Projected Coordinate System:	NAD_1983_StatePlane_Illinois_East_FIPS_1201_Feet
Projection:	Transverse_Mercator
False_Easting:	984250.00000000
False_Northing:	0.00000000
Central_Meridian:	-88.33333333
Scale_Factor:	0.99997500
Latitude_Of_Origin:	36.66666667
Linear Unit:	Foot_US
Geographic Coordinate System:	GCS_North_American_1983
Datum:	D_North_American_1983
Prime Meridian:	Greenwich
Angular Unit:	Degree

14. The proposed detention facility will be a private system and as such will not be the Village's responsibility to maintain. The basins require a 1-foot freeboard with an overflow weir at the 6" line. Provide calculations for sizing the weir. An Onsite Utility Maintenance Agreement must be executed prior to final engineering approval. Attached is an example. A version in Word is available from the Engineering Department.
15. Final approval will require final engineering plans including detention calculations showing HWL, storage required, storage provided, and restrictor sizing calculations. Any detention storage system located under pavement must be designed to AASHTO HS-25 loading standard. The Village's allowable release rate is 0.18 cfs/Ac. Use C=0.50 for pervious areas, C=0.95 for impervious areas. Use Bulletin 70 rainfall data. Clearly show the overflow route for the site. Minimum restrictor size allowed, for maintenance reasons, is 2". Restrictors between 2" and 4" must be in a trap in a catch basin. Show the location and size of the restrictor. Provide a detail showing the restrictor catch basin. Provide a drainage narrative.
16. Permit from MWRD required. Permit from Cook County DOT may be required for drainage modifications. Check with Cook County and provide the Village with a disposition.

17. Provide an exhibit to engineering scale showing the turning path of the Fire Department's responding vehicle, in this case the tower truck. Exhibit must show front and rear wheel paths and the extent of the front and rear overhangs, as provided in an "Autoturn" exhibit. The vehicle shall be shown maneuvering through the site in all possible directions of travel. Attached are the specifications for the tower apparatus.
18. Fire lanes adjacent to buildings must have a minimum pavement width as directed by the Fire Department to accommodate the tower truck's outriggers. Fire lanes require a heavy duty pavement section. Asphalt pavement section to consist of: 2" Surface, 2-1/4" N-50 Binder, 5" N-30 Binder, and 4" CA-6 Stone Subbase. Concrete driveway areas to be 8" thick.
19. Perimeter curb is required for new parking areas. If the petitioner wishes to maintain sheet drainage in the area east of the new parking lot, concrete ribbon with no curb head is an acceptable alternative.
20. Consider including bicycle racks in development plan to encourage alternate modes of transportation for employees and patrons.
21. Please clarify the discrepancy between the Traffic report and architectural plans related to existing and proposed parking stall count. The correct number of stalls and requested stall count needs to be specified for the variation.
22. The lighting catalog cuts need to be supplied for review, and all non-compliant fixtures in the lot and mounted to the new and existing buildings need to be brought up to code.

 9/20/17
James J. Massarelli, P.E. Date
Director of Engineering

Attachments:

Fire Apparatus Tower 131 Specifications (1 page)
Onsite Utility Maintenance Agreement (4 pages)

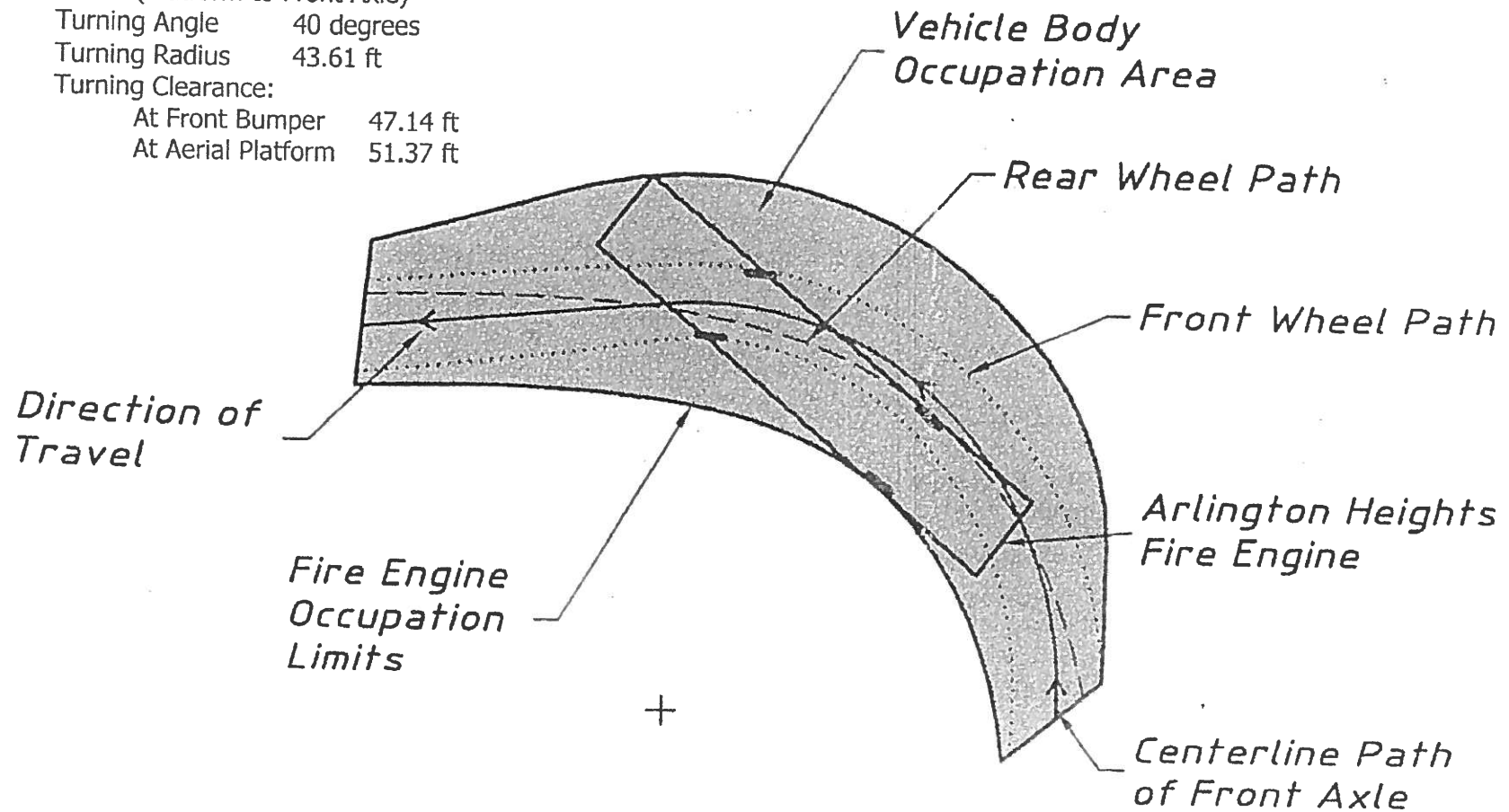
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SEP 21 2017
PLANNING & COMMUNITY
DEVELOPMENT DEPARTMENT

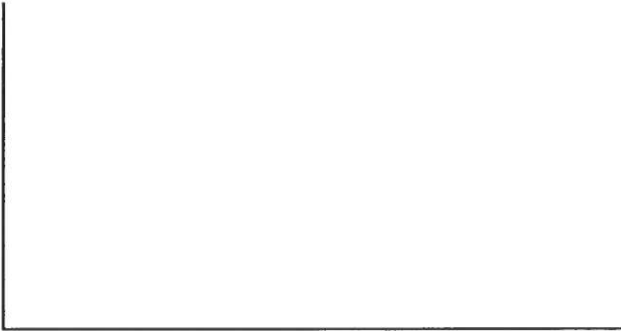
FIRE ENGINE TURNING TEMPLATE

Village of Arlington Heights Tower 131

Scale: 1"=15'

Overall Height	11 ft - 8 in
Overall Length	48 ft - 0 in
Overall Width	8 ft - 6 in
Overall Wheelbase	21 ft - 2 in
Front Overhang	14 ft - 0 in
(Platform to Front Axle)	
Turning Angle	40 degrees
Turning Radius	43.61 ft
Turning Clearance:	
At Front Bumper	47.14 ft
At Aerial Platform	51.37 ft





ONSITE UTILITY MAINTENANCE AGREEMENT

WHEREAS, _____, an (LLC? Corporation?), or its affiliates, ("RESPONSIBLE ENTITY") is the legal title holder of the following described real estate commonly referred to as _____ (*address*), Arlington Heights, Illinois, 6000_, containing _____ acres, more or less, situated in the Village of Arlington Heights, Illinois and legally described as follows: (the "PROPERTY"):

*** *Insert legal description, or attach as Exhibit A* ***

PIN Numbers:

WHEREAS, _____ (*print name*), ("OWNER") desires to develop the PROPERTY; and

WHEREAS, it is necessary to service said parcel with sanitary sewers, storm sewers and/or stormwater management facilities, domestic water mains; and

WHEREAS, the sanitary sewers, storm sewers and/or stormwater management facilities, and domestic water mains servicing the property are not located within public rights-of-way or dedicated easements; and

WHEREAS, the Village of Arlington Heights ("VILLAGE") does not maintain sanitary sewers, storm sewers and/or stormwater management facilities, or domestic water mains on privately owned property; therefore

1. It is hereby AGREED by the RESPONSIBLE ENTITY, its successors and assigns that at no expense to the VILLAGE, the RESPONSIBLE ENTITY, its successors and assigns shall:

- a. Maintain all sanitary sewers and appurtenances thereunto appertaining located upon said premises, all as shown on the Final Engineering Plans prepared by _____ (Engineering Firm) _____ dated _____, and approved by the VILLAGE, or any amended plans as agreed to and approved by both parties, copies which are on file with the Engineering Department of the VILLAGE.
- b. Maintain all water mains and appurtenances located upon said premises from the master meter vaults.
- c. Maintain all storm sewers and appurtenances, including detention/retention basins, located upon said premises.
- d. Maintain the utilities as itemized above in accordance with the latest edition of the Village of Arlington Heights Municipal Code.
- e. Maintain all private roadways, parking areas, and pavement lighting facilities located on said premises as shown on said Final Engineering Plans in accordance with the latest edition of the Village of Arlington Heights Municipal Code.

2. It is further AGREED that should the RESPONSIBLE ENTITY not properly maintain the sanitary sewers or domestic water mains in accordance with the requirements of the VILLAGE, written notification shall be given to the RESPONSIBLE ENTITY advising that after ten (10) days if the RESPONSIBLE ENTITY is not in compliance with the applicable requirements, the VILLAGE is hereby authorized, but not required, to enter upon the property to correct deficiencies and to place a lien against said property until such time that the VILLAGE has been fully reimbursed for its expenses in correcting these deficiencies; and

3. It is further AGREED that should the RESPONSIBLE ENTITY not properly maintain the aforementioned storm sewers and/or stormwater management facilities in accordance with the requirements of the VILLAGE, or should they allow a public nuisance to exist, written notification shall be given to the RESPONSIBLE ENTITY advising that after ten (10) days if the RESPONSIBLE ENTITY is not in compliance with the applicable requirements, the VILLAGE is hereby authorized, but not required, to enter upon the property to correct deficiencies and to place a lien against said property until such time that the VILLAGE has been fully reimbursed for its expenses in correcting these deficiencies; and

For: Village of Arlington Heights,
an Illinois municipal corporation

Name: _____

Signature: _____

Title: _____

State of Illinois)
) SS
County of Cook)

I, _____, a Notary in and for said County, in the State

aforesaid, CERTIFY that _____ personally known to me to be the same person whose name is subscribed on the foregoing instrument appeared before me this day in person and acknowledged that (s)he signed, sealed, and delivered said instrument as their free and voluntary act, and as the voluntary act of the **Village of Arlington Heights, an Illinois municipal corporation**, for the uses and purposes therein set forth.

GIVEN under my hand and Notarial seal this _____ day of _____, 20____.

Notary Public



Arlington Heights Fire Department Plan Review Sheet

P. C. Number 17-010

Project Name

St. Edna's

Project Location

2525 N. Arlington Heights Road

Planning Department Contact Sam Hubbard

General Comments

Round 1

1. Could we please get an auto turn diagram for fire apparatus.
2. Building to be Sprinkled.
3. Locate fire department connections at the main front entrance and locate a hydrant within a 100' from the connection.
4. A complete alarm system that will be connected with the existing structure with a fully functioning annunciator panel at the main entrance.
5. A key box (Knox Box) with the necessary access shall be provided.

**NOTE: PLAN IS CONCEPTUAL ONLY
SUBJECT TO DETAILED PLAN REVIEW**

Date September 13, 2017

Reviewed By: _____

LT. Mark Aleckson

Arlington Heights Fire Department

ARLINGTON HEIGHTS POLICE DEPARTMENT

Community Services Bureau

RECEIVED

SEP 20 2017

PLANNING & COMMUNITY
DEVELOPMENT DEPARTMENT

DEPARTMENT PLAN REVIEW SUMMARY

St. Edna's Church – 2525 N. Arlington Heights Road PUD, Parking Variation

Round 1 Review Comments

09/19/2017

1. Character of use:

The character of use should not be problematic.

2. Are lighting requirements adequate?

Lighting should be up to Village of Arlington Heights code. Special attention should be given to illuminating parking lot areas, and area around garage, pathway, shed and more secluded areas on the east side of the building. These areas should be illuminated especially during nighttime hours for safety, to deter criminal activity and increase surveillance/visibility- potentially reducing theft, trespassing, vandalism, underage drinking, drug use and other criminal activity.

3. Present traffic problems?

Traffic volume during church services is managed with AHPD staffed details on Saturday evenings and Sunday mornings thru early afternoon.

4. Traffic accidents at particular location?

This is not a problem area in relation to traffic accidents.

5. Traffic problems that may be created by the development.

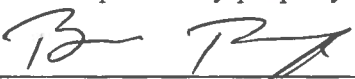
No further comments.

6. General comments:

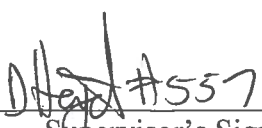
-Please ensure that there is an emergency information/contact card on file with the Arlington Heights Police Department and that it is up-to-date. Agent contact information must be provided to the Arlington Heights Police Department during all construction phases. The form is attached. Please complete and return. This allows police department personnel to contact an agent during emergency situations or for suspicious/criminal activity on the property during all hours.

- Landscaping should provide open sightlines to increase natural surveillance and avoid creating ambush locations and havens for illegal activities- theft, trespassing, vandalism, underage drinking, drug use, etc.

- Consider posting no trespassing / loitering/ no un-authorized use signage. The Arlington Heights Police Dept. has and utilizes trespass warning forms under qualifying circumstances when requested by property management.


Brandi Romag, Crime Prevention Officer
Community Services Bureau

Approved by:


Supervisor's Signature

HEALTH SERVICES DEPARTMENT

6

PETITIONER'S APPLICATION - ARLINGTON HEIGHTS PLAN COMMISSION

Petition #: P.C. 17-010
Petitioner: Susan Maish, ALA
350 S. Northwest Hwy, Suite 106
Park Ridge, IL 60068 847-692-6166
Owner: Catholic Bishop of Chicago
835 N. Rush St.
Chicago, IL 60611
Contact Person: Same as Petitioner
Address: _____
Phone #: 847-692-6166
Fax #: 847-692-2002
E-Mail: smaish@jnka-architects.com

P.I.N.# 03-17-101-019
Location: 2525 N. Arlington Heights Rd, A.H., IL
Rezoning: _____ Current: _____ Proposed: _____
Subdivision: _____
of Lots: _____ Current: _____ Proposed: _____
PUD: Amendment For: _____
Special Use: _____ For: _____
Land Use Variation: _____ For: _____
Land Use: _____ Current: _____
Proposed: _____
Site Gross Area: 8.50 acres
of Units Total: _____
1BR: _____ 2BR: _____ 3BR: _____ 4BR: _____

(P P.)

1. GENERAL COMMENTS:

The existing well must be properly abandoned by a licensed contractor and witnessed by this Department.

See attached comments from David Robb, Disability Services Coordinator.

RECEIVED

SEP 11 2017

PLANNING & COMMUNITY
DEVELOPMENT DEPARTMENT

Jeff Bohner 9/11/17
Environmental Health Officer Date

James McCalister 9/11/17
tor Direc Date

Plan Review

Address: St. Edna's PUD Amendment
2525 N. Arlington Heights Road
PC # 17-0010 Round 1

Submitted to: Sam Hubbard, Planning & Community Development

Submitted by: David Robb, Disability Services Coordinator
Health & Human Services
(847) 368-5793 

Date: September 9, 2017

Re: Illinois Accessibility Code (IAC), Effective April 1997
<https://www.illinois.gov/cdb/business/codes/Pages/IllinoisAccessibilityCode.aspx>

1. Parking lots with 301 to 400 parking spaces requires a minimum of eight (8) Accessible Parking Spaces per IAC Section 400.310(c)(1). In accordance with the requirements of IAC section 400.310(c)(2 and 3).

Planning & Community Development Dept. Review

September 14, 2017



REVIEW ROUND 1

Project: 2525 N. Arlington Heights Rd.
St. Edna's PUD Amendment

Case Number: PC 17-010

General:

7. The Plan Commission must review and approve the following action:
 - a) Planned Unit Development (PUD) Amendment to Ordinance 02-005 and Ordinance 13-072 to allow for the construction of a 13,425 sq. ft. parish center building addition.
 - b) A variation from Chapter 28, Section 11.4, Schedule of Required Parking, to allow a reduction to the minimum number of required parking stalls from XXX (additional data needed to verify amount – see parking comments) to 378 spaces.
8. A courtesy meeting with the neighbors is required prior to appearing before the Plan Commission. Has this meeting been scheduled? Please provide a summary of this meeting once it has been held.
9. Plans from 2015 indicated a rectory in the northeast corner of the site. The rectory was not shown on the current plans. Please confirm the long-term plans for the church relative to an onsite rectory.
10. Please provide additional information on the 3 proposed HVAC units. Will they all be the 20 ton Carrier grade units as indicated in 2013? How tall are the units? Will the proposed fence and landscaping be adequate to buffer the sound? The proposed fence around the units is 8' in height, is the 8' tall fence needed to fully screen the unit?
11. Please ensure that all plans and/or studies to be resubmitted as a result of the Round 1 Department review comments include a revision date.

Site Plan/Building:

12. The engineering plans and architectural site plans do not appear to be consistent. Please revise the plans so that they reflect the same information. Specifically, the following areas are different:
 - a) There is no curb shown on the north side of the parking lot on the architectural site plan, however, the engineering plans shows a curb in this location.
 - b) The rear area of the Parish Center doesn't match on both site plans. There is a landscape area shown on the architectural plan that is shown as pavement on the engineering plans. The location of the proposed fencing around the HVAC units is shown at different locations on each plan.
 - c) A concrete servicewalk leading from the existing shed to the building is missing on the architectural site plans.
 - d) As servicewalk into the side HVAC area (north) is shown differently on the architectural site plan and the engineering plans.
 - e) The pavement around the rear HVAC units does not appear to match on both the engineering plans and architectural plans. What is the thick dark border shown on the engineering plans that encloses the HVAC units? Is this paving? The type of paving material for the HVAC unit enclosures is not indicated on the engineering plans.

13. Building height for buildings with a flat roof is defined as measured from the average elevation of the finished lot grade at the front of the building "to the highest point of the roof in the case of a flat roof". The elevations appear to measure building height to the top of the parapet wall. Please revise the drawing to measure the building height from the average elevation at the front of the building top the roof (this excludes the parapet walls and faux gable).
14. Please add the existing shed to the building lot coverage calculation.
15. The FAR calculation does not appear to take into consideration the basement space of the Hurley Center. Please confirm that the height of the basement space is less than half above the finished lot grade. If more than half of the basement level is above finished lot grade, the basement space shall be included in the FAR calculation.
16. Design Commission approval is required for the proposed building addition. Design Commission hearing is scheduled for Sept. 26th.

Parking and Traffic:

17. There are several areas where the parking calculations must be re-evaluated in order to determine the code required parking. Please clarify the following:

Church:

- Please delineate the areas that are considered the nave and what areas are considered the choir area.
- The narthex was calculated on a seating basis. Previous documentation indicated that overflow seating is provided in the narthex during Christmas and Easter services. Please confirm that these are the only times when seating in the narthex is provided and that 130 seats are the maximum number of seats in the narthex.
- Were the number of seats calculated as per the building code (i.e. a continuous row of seating without dividing arms is calculated as one seat per 18" lineal inches). Or are there individual seats and/or dividing arms?

Doherty Center:

- The sum of meeting rooms 1-9 is equates to 5,320 sq. ft, however, the table indicates that there are 5,342 sq. ft. of multi-purpose rooms. Please adjust to reflect the correct square footage.
- The table lists 750 sq. ft. of office spaces in the Doherty Center, yet no office spaces are indicated on the floor plan. Is the "Music Library" used as office space, or just for storage of music played within the church?
- The Nursery should be included as part of the multi-purpose rooms and the label should be changed to read "Nursery/Multi-purpose".

Hurley Center:

- The upstairs youth room was not included within the "Youth Room" line item in the table. Please incorporate the 728 sq. ft. into the parking table.

18. The project narrative indicates that the church will not rent out the facilities while Mass is taking place. To whom does the church rent out the facility and for what purposes (both current and future)?
19. The parking study does not address the fact that peak parking demand was estimated at 309 spaces and the proposed parking lot will accommodate 378 parking spaces. If peak demand is estimated at 309 spaces, please explain the reason for needing an oversupply of parking.

St. Edna's
2525 N. Arlington Heights Road
P.C. 17-010
September 14, 2017

Landscaping

- 1) The ends of all parking rows must include a 4" caliper shade tree (Chapter 28, section 6.15-1.2b). Please incorporate a shade tree near the Parish Center at the west end of the parking row.
- 2) Provide additional landscaping adjacent to the proposed parking lot on the east side. The landscaping must be layered and should include a mix of evergreen trees and shrubs in order to provide a dense layered buffer.
- 3) Landscape screening must be provided for any utility/mechanical areas.
- 4) A landscape compliance bond in the amount of 30% of the landscaping costs will be required and a tree fee of \$200 is required for each tree identified for preservation. In addition, a \$4 tree fee is required for each lineal foot of frontage.



Date: October 3, 2017

To: Sam Hubbard
Development Planner
33 South Arlington Heights Road
Arlington Heights, IL 60005

From: Susan Maish, ALA
Jaeger Nickola Kuhlman and Associates
350 South Northwest Hwy, Suite 106
Park Ridge, IL 60068

Re: St. Edna Catholic Church
2525 N. Arlington Heights Road
Arlington Heights, Illinois 60004

Subject: **Plan Commission Review Comments for St. Edna Catholic Church (2525 S. Arlington Heights Road, Arlington Heights, IL 60004)**

Dear Mr. Hubbard,

This letter is in response to the Plan Commission Comments received on September 14, 2017 and September 21, 2017. See revised drawing sheets dated Plan Commission Resubmittal #1 9/25/2017 and the itemized letter below.

BUILDING DEPARTMENT – Comments dated 9/15/2017

Reviewer: Deb Pierce

1. Provide the construction type of the existing and new addition

Existing Narthex	3A	Slab on grade floor, brick veneer walls with metal studs and steel column roof support; steel beam and metal deck roof structure. All steel fireproofed.
Existing Church	4	Slab on grade floor, masonry wall construction, glu-laminated roof beams.
Existing Doherty Center	2B	Slab on grade floor, brick and block wall construction, steel beam and tectum roof construction
Existing Hurley Center	2B	Slab on grade basement floor, precast main level floor construction, brick and block exterior walls with glazed block

JAEGER NICKOLA KUHLMAN & ASSOCIATES, LTD., ARCHITECTS
350 S. Northwest Highway, Suite 106, Park Ridge, Illinois 60068
Ph: 847.692.6166 www.jnka-architects.com Fax: 847.692.2002

		and gypsum interior walls, steel joist and metal deck roof structure.
New Parish Center	2B	Slab on grade floor, precast exterior walls with CMU and gypsum interior walls, steel roof joists and long span truss and metal deck roof structure.

2. Revised the occupant load for the Parish life Space per 2009 IBC Table 1004.1.1.
I have utilized Table 1004.1.1 Assembly without Fixed Seats- unconcentrated or 15sf/ per person to calculate the occupancy of the space. 30% of this total was utilized to determine the number of parking spaces required for this space. This is consistent with the actual occupancy for the space.
For exiting, I have utilized 7 sf/per person. See added sheet G2.1 for the exiting plan which indicates how many people can be accommodated and how remoteness is handled.
3. Provide accessible access to the stage with a ramp or chair lift.
Accessible access to the stage has been included. An accessible lift is located in the circulation area to the south of the stage just east of the stair.
4. Review 2009 IBC Section 410 for stage construction requirements including stage ventilation and the number and type of stage exits.
IBC 2009 defines a Stage in the following fashion, "A space within a building utilized for entertainment or presentations, which includes overhead hanging curtains, drops, scenery or stage effects other than lighting and sound."
The Code Corner put out by RLGA Technical Services clarifies the definition of a stage further in their article "Stages and Platforms" published in the Winter 2010. (The full article is included as a part of this response. EXHIBIT A)
"As the definition indicated, stages utilize scenery drops, curtains, and other combustibles that are stored in an overhead space above the stage that is defined in the IBC as the 'fly gallery'..."
The St. Edna stage has incorporated stage curtains that will hang from the bottom of the roof trusses. The curtains permanently hang below the ceiling and are not retracted upward. As a result, we have defined and detailed the stage as a platform.
The platform is constructed of type II construction which complies with code.
"Where the space beneath the permanent platform is used for storage..., the floor assembly shall not be less than 1 hour fire- resistance-rated construction"
UL #DD7 is utilized to create a 1 hour fire resistance rating.
5. Dressing rooms shall be separated from the stage by fire barriers with a minimum 2 hour rating.
As per 401.5.1 "Separation from stage. The stage shall be separated from dressing rooms..."
Since we are incorporating a platform and not a stage, this requirement does not apply.

FIRE SAFETY DEPARTMENT

Reviewer: Don Gay

1. A fire suppression system compliant with NFPA 13 will be required for the addition.

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 350 S. Northwest Highway, Suite 106, Park Ridge, Illinois 60068
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A fire suppression system compliant with NFPA 13 will be provided in the proposed Parish Center and new link.

2. An approved water supply capable of supplying the required fire flow for fire protection shall be provided.
The new building will be connected to the existing fire suppression system. A fire flow test will be conducted on the existing system to show that the proper fire flow can be obtained for the existing building and new addition.
3. Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design. The location of the fire department connections shall be approved. Fire department connections shall be located on the street side of buildings, fully visible and recognizable from the street or nearest point of fire department vehicle access or as otherwise approved a visible location.
The fire department connection will be installed in accordance with the NFPA standards and located in a location approved by the fire department.
4. If the proposed kitchen will have cooking facilities a Hood and Duct fire suppression system may also be required.
A type 1 hood with a fire suppression system has been provided. See sheets M3.1 and M3.2 included as part of this response.
5. A complete fire alarm system is required and will be required to be connected to the existing structure.
A complete fire alarm system will be provided and will be connected to the existing fire alarm system. See revised sheets E3.1 and E4.1
6. Shop drawings for the fire alarm systems shall be submitted for review and approval prior to system installation.
Shop drawings for the fire alarm systems will be submitted for review and approval prior to system installation.
7. A zoning indicator panel and associated controls or fire alarm control panel shall be located within the closest proximity to the front main entrance.
The existing fire alarm control panel is located in the existing boiler room just to the east of the nave. The existing annunciator panel is located near the existing and new main entrance. The final location of the annunciator panel will be reviewed and approved by the fire department prior to installation.
8. A key box (Knox Box) shall be provided and contain keys to gain necessary access as required by the fire code official.
The existing Knox box is located at the Hurley Center entrance where the new link will be built. The new knox box is shown on one of the new canopy columns just to the north of its current location. The final location of the knox box will be reviewed and approved by the fire department prior to installation.

9. Fire department connections shall be fully visible and located at the main front entrance of the building and within a maximum travel distance of 100 feet to the nearest fire hydrant.
A fire department connection will be provided at the main front entrance. The exact location will be coordinated with a fire code official. An existing fire hydrant is located within 100'-0" of the main entrance and the connection.
10. Buildings or facilities having a gross building area of more than 62,000 square feet shall be provided with two separate and approved fire apparatus access roads. An engineering overlay showing the ability of Arlington Heights aerial apparatus to negotiate the turns and provide access to the building in particular any portion of the building having a height of 30 feet or more.
The existing building is served from separate access points. There are three accesses off of Arlington Heights road and a separate fire lane access off of Pine Ave. The proposed addition is accessible from these same locations and pavements therefore complying with your two separate access requirements. An "Autoturn" Exhibit FT-1 shows how the building is accessible by AH aerial apparatus.
11. Aerial fire apparatus access roads shall have a minimum unobstructed width of 26 feet exclusive of shoulders, in the immediate vicinity of any building or portion of building more than 30 feet in height.
According to the Village's Municipal Code, the definition of building height for a flat roof is the average elevation of the finished lot grade at the front of the building to the highest point of the roof exclusive of parapets or false gables. The average finished grade at the front of the building is the 0'-0" level (695.91). The top of the roof deck is 29'-10" from this average finished grade. Per the definition of height by the Municipal Code, the St. Edna addition will not need a fire apparatus access road with a minimum unobstructed width of 26 feet because the height of the new addition is not 30'-0". The zoning information on the site plan has been modified to indicate a 29'-10" building height.
Two additional items to note:
1) *An autoturn diagram is provided showing that the fire truck can maneuver through the existing fire lane.*
2) *Widening this driveway would negatively impact drainage for the neighbors to the south of the church.*
12. Signs shall be posted on both sides of an approach of any fire lane state "NO PARKING – FIRE LANE". Signs shall have arrows indicating the area of parking restriction.
Signage has been added to the plans as reflected on sheet C-3 at each end of the fire lane behind the building.
13. Fire lane signs shall be white with red three-inch letters. The dimensions of the sign shall be 12 inches horizontally and 18 inches vertically. These signs shall be installed so that the top of the sign is no less than 6 feet nor more than 6 feet above grade.
Fire lane signs will be provided and will comply with all visual requirements. These signs will be installed at the proper height with the top of the sign being 6 feet above grade.

14. Exit signs shall be illuminated at all times and have emergency power backup.
Exit signs will be illuminated at all times and have emergency power backup as required by code.
15. Fire protection equipment and service rooms shall be identified in an approved manner.
We are tying into the existing sprinkler system. The Fire protection equipment is located in the lower level of the Hurley Center. This existing fire protection equipment room is labeled and identified in an approved manner.
The new electrical rooms will be identified in accordance with the fire code and specifications of the fire code official.
16. Approved access shall be provided and maintained for all fire protection equipment to permit immediate safe operation and maintenance of such equipment.
Approved access for all fire protection equipment will be provided and maintained.

PUBLIC WORKS

Reviewer: Cris Papierniak, Assistant Director of Public Works.

1. The new water main will need to be installed, pressure tested, chlorinated and must pass new contraction Bac-T before the old water main is abandoned and reconnected.
The new water main will pass all the requirements listed above before the old water main is abandoned and reconnected.
2. Provide a detail specific to this application for the outlet control structure on the underground storm water detention.
The existing plate restrictor will be removed. A new half trap restrictor will be installed since the diameter of the orifice is between 2" and 4". The manhole structure will be replaced by a catch basin.
3. A 6" meter in a meter vault must be provide to meter the entire property. There is a private unmetered hydrant (existing), 2" domestic, and 4" fire service that are currently separately metered. Those meters can be removed after the installation of the master meter.
Per discussion with staff an appropriately sized meter in a vault will be added to the construction documents. The sizing of the meter requires data that is not yet available but will be obtained. Based upon that data the appropriately sized meter will be designed and added to the documents. In order to assist in the cost of this item, the Village of Arlington Heights has offered to pay for half of the cost of the material of the meter.
4. The existing 4" fire service RPZ must be replaced.
The existing 4" RPZ will be replaced.
5. The existing 2" Domestic water Service must be fitted with a 2" RPZ.
The existing 2" Domestic water service will be outfitted with a 2" RPZ.

6. A 3" RPZ needs to be installed on the proposed 3" connection.
A 3" RPZ will be install on the proposed new 3" connection.
7. Construction traffic cannot utilize the fire lane.
The construction traffic will not utilize the fire lane. They will use the entrances off of Arlington Heights Road.

ENGINEERING DEPARTMENT

Reviewer: James Massarelli, PE, Director of Engineering

11. The petitioner is notified that these comments are being provided to ensure that the project meets the requirements for submittal to the Plan Commission. Approval by the Plan Commission is not an endorsement or approval of these documents to obtain the required building permits, engineering approval, or permits required by other government or permitting agencies for construction. Detailed plan review with associated comments will be provided upon submittal of plans for a building permit. The petitioner shall acknowledge that they accept this understanding.

The petitioner acknowledges this understanding.

12. An Engineers estimate of construction cost for full site improvements is required to complete the calculation for plan review, inspection, and other fees. This estimate should be submitted at least three weeks prior to the final Plan Commission meeting to allow us time to generate a fee letter and for the petitioner to assemble the proper documents.

An Engineer's estimate of construction cost will be provided at least three weeks prior to the final Plan Commission meeting.

13. Final Engineering plans shall be georeferenced by using State Plane Coordinate System- Illinois East.

It will be verified that the plans are referenced to the State Plane Coordinate System.

14. The proposed detention facility will be a private system and as such will not be the Village's responsibility to maintain. The basin required a 1-foot freeboard with an overflow weir at the 6" line. Provide calculations for sizing the weir. An Onsite Utility Maintenance Agreement must be executed prior to final engineering approval. Attached is an example. A version in Word is available from the Engineering Department.

The detention system will meet both Arlington Heights and MWRD requirements. The MWRD requirements will be more restrictive than those of Arlington Heights. Freeboard will be provided relative to the Arlington Heights High Water Level (HWL) and the weir appropriately sized. The subsurface volume control system meets HS-25 loading if installed properly according to the manufacturer's documentation. We have used this system successfully in a parking lot application. The Onsite Utility Maintenance Agreement will be executed as requested.

15. Final approval will require final engineering plans including detention calculations showing HWL, storage required, storage provide, and restrictor sizing calculations. Any detention storage system located under pavement must be designed to AASHTO HS-25 loading standard. The Village's allowable release rate is 0.18 cfs/Ac. Use $C=.50$ for pervious areas, $C=.95$ for impervious areas. Use Bulletin 70 rainfall data. Clearly show the overflow route for the site. Minimum restrictor size allowed, for maintenance reasons is 2". Restrictors between 2" and 4" must be in a trap in a catch basin. Show the location and size of the restrictor. Provide a detail showing the restrictor catch basin. Provide a drainage narrative.

As stated, the detention will be designed to accommodate both Arlington Heights and MWRD requirements and all calculations will be provided prior to final approval. The existing plate restrictor will be removed and replaced with a half trap orifice restrictor. The existing manhole at that location will be replaced by a catch basin. The location and size of the restrictor and structure are shown on sheet C-4. A detail of the restrictor structure is on sheet C-6.

16. Permit for MWRD required. Permit from Cook County DOT may be required for drainage modifications. Check with Cook County and provide Village with a disposition.

An MWRD permit will be obtained. A CCHD permit is not required based upon previous PUD submittal requirements verified with the county.

17. Provide an exhibit to engineering scale showing the turning path of the Fire Department's responding vehicle, in this case the tower truck. Exhibit must show front and rear wheel paths and the extent of the front and rear overhands as provided in an "Autoturn" exhibit. The vehicle shall be shown maneuvering through the site in all possible directions of travel. Attached are the specifications for the tower apparatus.

The requested exhibit is provided as sheet FT-1.

18. Fire lanes adjacent to buildings must have a minimum pavement width as directed by the Fire Department to accommodate the tower truck's outriggers. Fire lanes required a heavy duty pavement section. Asphalt pavement section to consist of 2" surface, 2 ½" N-50 Binder, 5" N-30 Binder, and 4" CA-6 Stone Subbase. Concrete driveway areas to be 8" thick.

Per the fire safety division response, the intent is to leave the existing fire lane that wraps around the east and south side of the church unchanged. To remove and replace it with a wider lane would negatively impact the drainage toward the neighboring properties. There is very little available pitch and the depth of storm sewers in the area would make virtually impossible to drain the area that would be disturbed to the stormwater management system. The fire lane does accommodate the travel path of the aerial apparatus.

19. Perimeter curb is required for new parking areas. If the petitioner wishes to maintain sheet drainage on the east of the new parking lot, concrete ribbon with no curb head is an acceptable alternative.

A concrete ribbon has been added to that portion of the asphalt parking lot the sheet flows to the east.

20. Consider including bicycle racks in development plan to encourage alternate modes of transportation for employees and patrons.
St. Edna will consider the addition of bike racks into the new site plan.

21. Please clarify the discrepancy between the Traffic report and architectural plans related to existing and proposed parking stall count. The correct number of stalls and requested stall count needs to be specified for the variation.

The existing stalls have been recounted. The correct number of existing stalls is 356 as indicated in the traffic report. The existing site plan has been corrected to list 339 stalls on the main lot and 17 stalls on the east lot for a total for 356 stalls.

22. The lighting catalog cuts need to be supplied for review, and all non-compliant fixtures in the lot and mounted to the new and existing building need to be brought up to code.

*The church has replaced the existing pole mounted parking lot lights with new LED heads. The cut sheet is attached and is included as **EXHIBIT B**. This same head will be utilized for the new pole lighting. Bollard Cut sheet has also been included as a part of Exhibit B.*

FIRE DEPARTMENT

Reviewer: LT. Mark Aleckson

1. Could we please get an auto turn diagram for fire apparatus.
An auto turn diagram for a fire apparatus has been provided. See sheet FT-1
2. Building to be sprinkled.
The proposed building will be sprinkled. See attached sheet FP1-1 for the sprinkler layout. Shop drawings will be provided for review prior to fabrication or installation of the system.
3. Locate fire department connections at the main front entrance and locate a hydrant within 100' from the connection.
A fire department connection will be provided at the main front entrance. The exact location will be coordinated with a fire code official and will be located within 100'-0" from a hydrant.
4. A complete alarm system that will be connected with the existing structure with a fully functioning annunciator panel at the main entrance.
An addressable system was installed in the existing building in 2002. A complete fire alarm system has been provided in the new building and will be connected to the aforementioned existing fire alarm system. See revised sheet E3.1 and E4.1
5. A key box (Knox Box) with the necessary access shall be provided.
The existing Knox box is located at the Hurley Center entrance where the new link will be built. The new Knox box is shown on one of the new canopy columns just to the north of its current

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location. The final location of the knox box will be reviewed and approved by the fire department prior to installation.

POLICE DEPARTMENT- dated 9/19/217

Reviewer: Brandi Romag, Crime Prevention Officer

1. Character of Use:

The character of use should not be problematic.

No comments from JNKA

2. Are lighting requirements adequate?

Lighting should be up to Village of Arlington Heights code. Special attention should be given to illuminating parking lot areas, and area around garage, pathway, shed and more secluded areas on the east side of the building. These areas should be illuminated especially during nighttime. *2 wall packs are provide on the east side of the building and 2 on the south side of the building. This will light up the more secluded areas of the site while still maintaining the requirements for 0.1 footcandles at the property line. Additional lighting is not provided to the east side of the existing garage due to the proximity to the neighboring property.*

3. Present Traffic Problems?

Traffic volume during church services is managed with AHPD staffed details on Saturday evening and Sunday mornings through early afternoon.

No comments from JNKA

4. Traffic Accidents at particular location?

This is not a problem area in relation to traffic accidents.

No comments from JNKA

5. Traffic problems that may be created by the development.

No further comments,

No comments from JNKA

6. General Comments

- a. Please ensure that there is an emergency information/ contact card on file with the Arlington Heights Police Department and that it is up-to-date...

*The contact card has been updated and submitted as **EXHIBIT C**.*

- b. Landscaping should provide open sightlines to increase natural surveillance and avoid creating ambush locations and havens for illegal activities – theft, trespassing, vandalism, underage drinking, drug use, etc.

The bulk of the landscaping incorporates low-laying bushes and shrubs that will not create an area for illegal activities. The only densely located 6'-0' high shrubs are located up against the mechanical unit wood fence enclosures. There is no area behind these shrubs to harbor any illegal activities.

- c. Consider posting no trespassing/ loitering/ no authorized use signage. The Arlington Heights Police Department has and utilizes trespass warning forms under qualifying circumstances when requested by property management.

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St. Edna would prefer not to post "No Trespassing" signs. St. Edna has always allowed the neighbors to utilize their property and would not want to discourage this activity.

HEALTH & HUMAN SERVICES DEPARTMENT

Reviewers: David Robb, Jeff Bohner and James McCalister

1. The existing well must be properly abandoned by a licensed contractor and witnessed by this Department.
*The well has been abandoned and sealed. This activity was observed by Sean Freres from the Village of Arlington Heights on September 6, 2013. See form included as a part of this response package and included as **EXHIBIT D**.*
2. Parking lots with 301 to 400 parking spaces requires a minimum of eight (8) Accessible Parking Spaces per IAC Section 400.310(c)(1). In accordance with the requirements of IAC section 400.310(c)(2 and 3).
As indicated on the Existing Site Plan as well as the Proposed Site Plan, St. Edna currently has 11 Accessible Parking Spaces – 6 on the Southeast edge of the parking lot and 5 just west of the existing Church. St. Edna will continue to designate these spaces for Accessible Parking only.

PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT

Reviewer: Sam Hubbard

7. The Plan Commission must review and approve the following action:
 - a. PUD Amendment to Ordinance 02-005 and Ordinance 13-072 to allow for construction of a 13, 425 sf parish center building addition.
 - b. A variation from Ch. 28, Section 11.4, Schedule of Required Parking, to allow a reduction to the minimum number of required parking stalls from XXX (additional data needed to verify amount) to 378 spaces.
The variance requested is to allow a reduction to the minimum number of required parking stalls from 629 to 377 spaces. The variance letter and narrative have been updated to reflect these updated numbers.
8. A courtesy meeting with the neighbors is required prior to appearing before the Plan Commission. Has this meeting been scheduled?
The neighborhood meeting will be held on Tuesday, October 17th at 7:00. Meeting minutes will be provided to the Village of Arlington Heights.
9. The rectory was not shown on the plans as indicated in 2015. Please confirm the long-term plans for the church relative to an onsite rectory.
The rectory is no longer being considered. The existing rectory is located on a residential lot east of the St. Edna property.
10. Please provide additional information on the 3 proposed HVAC units. Will they all be the 20 ton Carrier grade units as indicated in 2013? How tall are the units? Will the proposed fence and

landscaping be adequate to buffer the sound? The proposed fence around the units is 8' in height, is the 8' tall fence needed to fully screen the unit?

As indicated there are 3 HVAC units.

RTU-1: North East location: 25 tons; RTU sits on a 36" high curb. The unit is 57 3/8" for a total height of 7'-9 3/8".

RTU-2: South East location: 25 tons; RTU sits on a 36" high curb. The unit is 57 3/8" for a total height of 7'-9 3/8".

RTU-3: North West location: 10 tons; RTU sits on a 14" curb. The unit is 49 3/8" for a total height of 5'-3 3/8".

*Cuts sheets have been provided. See **EXHIBIT E**.*

Given the heights listed above, an 8'-0" fence is required for RTU-1 and RTU-2 in order to fully screen the unit. The precast screen wall on the north side of RTU-3 is taller than required to screen that unit, but blends with the architecture of the adjacent building. The fence on the east of RTU-3 has been reduced to a 6'-0" high fence.

The db rating of the units are 50db at 50'-0" away. This is equivalent to the sound level of normal conversation. This is further dampened by the fencing and landscaping that surrounds the unit and the actual distance to the neighboring property line which is 131'-0" away. The fencing can reduce the sound by 5 decibels and the landscaping by 3 decibels. When you double the distance from the mechanical unit, you decrease the sound by 5 decibels as well. Since the decibel scale is logarithmic, a 10-decibel drop decreases the perceived noise by half.

*Sound data for the RTUs have been included as **EXHIBIT F**.*

11. Please ensure that all plans and/or studies to be resubmitted as a result of the Round 1 Dept. review comments include a revision date.

All changes to the drawings are marked by revision cloud 1. The drawings are all dated with a revision date of 9/25/2017.

12. The engineering plans and architectural site plans do not appear to be consistent. Please revise the plans so that they reflect the same information.

The engineering plans and the architectural site plans have been updated to have the same background.

13. Building height for buildings with a flat roof is defined as measured from the average elevation of the finished lot grade at the front of the building to the highest point of the roof in the case of a flat roof. Please revise the drawing to measure the building height from the average elevation at the front of the building to the top of the roof (this excludes the parapet walls and faux gable).

An elevation tag has been added to the proposed elevations. The average finished grade of the front of the building is the 0'-0" level (695.91) meaning that the average building height according to the above definition would be 29'-10" (725.74). This is marked by the elevation tag labelled "T/Roof Deck." The zoning information on the site plan has been modified to indicate a 29'-10" building height.

14. Please add the existing shed to the building lot coverage calculation.

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The existing shed with an area of 300 square feet has been added to the lot coverage calculation.

15. The FAR does not appear to take into consideration the basement space of the Hurley Center. Please confirm that the height of the basement space is less than half above the finished lot grade.

The main level of the Hurley Center is 694.75. The basement level of the Hurley Center is 11'-6" below that elevation or 683.25. The spot elevations from the survey around the Hurley Center are 695.1, 694.53, 694.49. The Hurley Center is nearly fully below grade and does not need to be added to the FAR calculation.

16. Design Commission approval is required for the proposed building addition. Design Commission hearing is scheduled for Sept. 26th.

The Design Commission approved the project on Sept. 26th, 2017.

17. There are several areas where the parking calculations must be re-evaluated in order to determine the code required parking. Please clarify the following:

Church:

- a. Please delineate the areas that are considered the nave and what areas are considered the choir area.

The choir is now marked on the plan and can be found directly west of the Sanctuary.

- b. Please confirm that Christmas and Easter services are the only times when seating in the narthex is provided and that 130 seats are the maximum number of seats in the narthex.

Christmas and Easter are the only times when there is seating in the narthex and 130 seats are the maximum number of seats provided.

- c. Were the number of seats calculated as per the building code (where a continuous row has 1 seat per 18") or are there individual seats?

Where there are individual seats drawn on the floor plan, these areas were counted as individual seats. The number of seats per pew were all calculated using the 18" building code rule. By adding the individual seats and continuous seating counts together we calculated a seating count of 995 in the nave of the church.

Doherty Center:

- d. The sum of meeting rooms 1-9 equates to 5,320 sf, however, the table indicated that there are 5,342 sf.

The table has been updated to reflect the 5,320 sf of meeting rooms plus the 515 sf of the nursery, therefore adding to a total of 5,835 sf.

- e. The table lists 750 sf of office spaces in the Doherty Center, yet no office spaces are indicated on the floor plan. Is the "Music Library" used as office space, or just for storage of music played within the church?

The submitted main floor plan showed part of an old design scheme. The plan has been updated to show 3 offices in the location which used to show a youth room. This area is actually considered to be a part of Hurley Center and the parking calculation now reflects that. The 750 sf office line has now been removed from the Doherty Center and a 735 sf office space line has been added under Hurley Center. Please note that the "existing office area" line refers to the untouched offices in the Hurley Center while the "offices" line refers to the 3 new offices marked as a part of revision 1 on the plan.

- f. The Nursery should be included as part of the multi-purpose rooms and the label should be changed to read "Nursery/Multi-purpose".
The table has been updated to reflect this. The spaces now have a combined area of 5835 sf and require 117 parking spots per code.

Hurley Center:

- g. The upstairs youth room was not included within the "Youth Room" line item in the table. Please incorporate the 728 sf into the parking table.
The upstairs youth room was part of an old design scheme. The current plan places 3 offices in this space. The plan and parking table have been updated to reflect this.
18. The project narrative indicated that the church will not rent out the facilities while Mass is taking place. To whom does the church rent out the facility and for what purposes (both current and future)?
St. Edna does not currently rent out their facility nor do they have any current plans to rent out their new facility. If they would rent out the facility in the future they would not rent it out when the church is utilizing their main worship space.
19. The parking study estimated peak demand at 309 spaces and the proposed parking lot will accommodate 378 parking spaces. If peak demand is estimated at 309 spaces, please explain the reason for needing an oversupply of parking.
The estimated peak demand of 309 parked vehicles represents the typical Sunday parking throughout the year at the church. However during religious holidays, the parking demand at St. Edna, like other religious facilities, increases. Many churches in Arlington Heights and the surrounding area rely on on-street parking to accommodate the additional parking. Near St. Edna there are a few residential streets with parking and on-street parking is not permitted on Arlington Heights Road. The oversupply of parking is to accommodate the peak holiday parking demand due to the minimal availability of on-street parking. In addition to overflow parking, the construction of this parking area will also provide additional spaces near the Parish Center for nighttime events in the new facility.

Landscaping

- 1. The ends of all parking rows must include a 4" caliper shade tree (Ch. 28, Section 6.15-1.2b). Please incorporate a shade tree near the Parish Center at the west end of the parking row.
A 4" Ironwood tree has been added to the west end of the parking row. In order to accommodate this tree we have taken away one parking space in that row, reducing the new

parking total from 45 spaces to 44. Please see the attached architectural site plan or the landscaping plan (L1.0).

2. Provide additional landscaping adjacent to the proposed parking lot on the east side. The landscaping must be layered and should include a mix of evergreen trees and shrubs in order to provide a dense layered buffer.

Landscaping has been added to the east side of the proposed lot. Please refer to the attached landscape drawing L1.0 for proposed plant types.

3. Landscape screening must be provided for any utility/mechanical areas.
All utility and mechanical areas will be screened with landscaping.

4. A landscape compliance bond in the amount of 30% of the landscaping costs will be required and a tree fee of \$200 is required for each tree identified for preservation. In addition, a \$4 tree fee is required for each lineal foot of frontage.

A landscaping compliance bond will be provided when requested.

Stages and Platforms

By Ronald L. Geren, AIA, CSI, CCS, CCCA, SCIP

It was a cold afternoon on December 30, 1903, in Chicago. Almost 2,000 patrons, mostly women and children, were crammed into the five-week-old Iroquois Theatre, which was designed to seat slightly fewer than 1,700. The difference in the occupancy was made up by patrons holding standing-room-only tickets, which were commonly issued during that period. Suspended in the fly gallery above the stage were scenery flats—thousands of square feet of painted fabric. Located in close proximity to the scenery were electric arc spotlights that were illuminated for the matinee showing of Mr. Bluebeard.

Sometime late in the second act, one of the spotlights sparked, igniting the adjacent scenery. The fire spread through the fly gallery as flaming debris fell to the stage. Panic ensued and performers and patrons began to run for the exits. The asbestos “fire curtain” at the proscenium was lowered, but became snagged on a light reflector, preventing its full closure.

A door off the side of the stage was opened as the performers exited, allowing cold air to rush in. Since the stage vents were secured from opening, the burst of cold air generated a fireball that blew past the stuck curtain into the house seating, seeking escape through the ventilation provided in the rear wall at the uppermost balcony level. The fireball ignited everything flammable in its path as it rose—primarily in the upper levels—consuming the air that was up there and asphyxiating most patrons who weren’t lucky enough to escape.

Within 15 minutes of ignition, the fire essentially burned out by itself, and all was quiet in the theater.



The theater structure—billed as “Absolutely Fireproof” in the show’s program—remained intact. However, a total of 602 lives were lost, mostly due to the inadequacy of the theater’s egress system. It remained the deadliest single building fire in American history until the events of September 11, 2001[†].

Although the egress system of the Iroquois Theatre was wholly ineffective to handle the volume of patrons attending that day, it is undisputable that many of the casualties would have survived if the stage area was designed with sprinkler protection, and if installed safety equipment were functioning properly. Quoted in the *New York Times* shortly after the fire, then mayor of Chicago, Carter H. Harrison, said,

...the fact remains, and it cannot be denied, that there would have been no panic if the apparatus in this theatre, which, judged by all ordinary standards, was the best equipped playhouse in the city, had been in proper working condition. There is no getting beyond that fact.

Building Code Requirements

Several of the theater-related building code requirements in effect at the time of the Iroquois fire are similar to those in the *International Building Code* (IBC)[‡]. Since many of the historic theater fires have started within the stage area (like the Iroquois’), building codes have focused on the regulation of combustible materials, the suppression of fire, and the containment of fire to the stage area, in addition to means of egress.

[†] The north building of the World Trade Center had an estimated 1,366 deaths and the south building had 618 deaths, excluding passengers of the planes that struck the buildings.

[‡] The 2009 IBC, Second Printing, is used in the preparation of this article.

Due to their similarities, the individual requirements for stages and platforms are both found in a single section of Chapter 4 in the IBC. Although providing similar functions, stages and platforms in the IBC are clearly defined in order to highlight their differences. The significant difference between a stage and a platform is that stages have “overhead hanging curtains, drops, or scenery or stage effects other than lighting and sound,” whereas these are absent from platforms. As demonstrated in the Iroquois Theatre tragedy, overhead scenery and other combustibles increase the fire hazard; thus, stages are subject to more restrictive requirements.

Common to both stages and platforms are the superstructures located above them for access, supporting lighting, scenery, and other equipment. Called gridirons, pinrails, and catwalks, these structures shall be fabricated of materials consistent with the building’s type of construction, but are not required to have a fire-resistance rating. Also, since they are designed for human access in most cases, these structures are not to be considered as floors, stories, mezzanines, or levels.

Platforms

There are two types of platforms: permanent and temporary. Temporary platforms are those erected for a short period of time not to exceed 30 days. Platforms are generally used to raise the performance or speaker area to an elevation that allows better viewing by patrons, but does not involve complex scenery or have curtains.

Permanent platforms are permitted to be constructed of materials required for the type of construction of the building. However, in Type I, II, and IV buildings, fire-retardant-treated wood may be used for platforms complying with the following:

- The platform is not higher than 30 inches above the main floor;
- The platform is no more than 1/3 of the room floor area; and,
- The platform is not more than 3,000 sq. ft. in area.

If the space below the platform is used for storage or any use other than equipment, wiring, or plumbing, the floor construction of the platform shall be not less than one-hour fire-resistive construction, regardless of the building construction type.

Temporary platforms may be constructed of any materials permitted by the IBC. However, the space under the platform can only be used only for wiring and plumbing connected to platform equipment—storage or any other use is not permitted.

Stages

Unlike platforms, stages have unique characteristics that give them a higher risk for fire. As the definition indicates, stages utilize scenery drops, curtains, and other combustibles that are stored in an overhead space above the stage that is defined in the

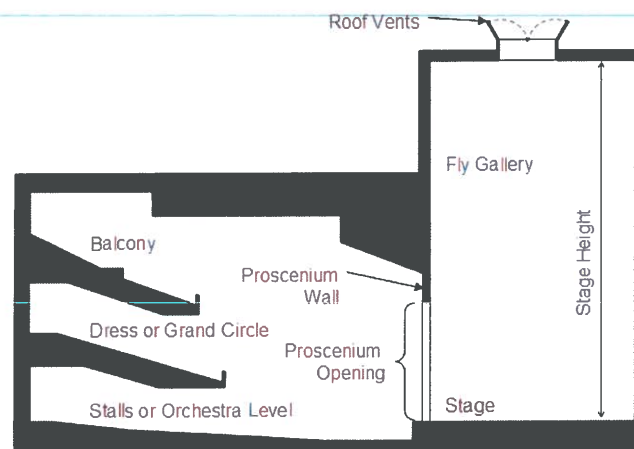


Figure 1 - Typical Theater Cross-Section

IBC as the “fly gallery,” but is also referred to in the industry as the “fly tower” or “fly loft.” This overhead space could be extremely high—at least 2 to 2-1/2 times the height of the proscenium, which is the opening between the stage and the seating area. The measurement between the lowest stage surface and the highest point of the roof or floor deck of the fly gallery is considered the “stage height” and it has code compliance implications.

The size of the stage in terms of floor area also has code compliance implications. When the IBC refers to the floor area of a stage, it includes the entire performance area and any backstage and support areas not separated from the performance area by fire-resistance rated construction. Therefore, this area can be much larger than just the visible performance area.

The construction of the stage itself varies with a building’s construction type. In Type IIB and IV construction, stages may be constructed of 2-inch wood decking provided the proscenium wall has a 2-hour fire-resistance rating. In Type IIA, IIIA, and VA construction, a fire-resistance-rated floor assembly is not required as long as the space below the stage is protected by an automatic sprinkler system or an alternative automatic fire-extinguishing system. In all types of constructions, the finished floor of the stage may be of wood or other approved noncombustible materials.

One of the requirements based on stage height is the fire-resistance rating of the proscenium wall. If the stage height exceeds 50 feet, the proscenium wall must have a 2-hour fire-resistance rating and must extend from the foundation to the roof. When the proscenium is required to have a fire-resistance rating, the proscenium curtain shall comply with NFPA 80, *Standard for Fire Doors and Other Opening Protectives*, or provide a water curtain complying with NFPA 13, *Installation of Sprinkler Systems*, or a smoke control system complying with IBC Section 909. The smoke control system option is only permitted if the assembly seating *is not* smoke-protected.

Whether the proscenium wall is required to be protected or not, the stage is still required to be separated from dressing rooms, workshops, storerooms, and other spaces accessory to the stage by fire barriers and horizontal assemblies. If the proscenium is not required to be fire-resistance rated, then the required separation need only be 1 hour; if the proscenium is required to be rated, then a 2-hour separation is required. Additionally, these spaces are required to be separated from each other with fire barriers or horizontal assemblies having a 1-hour fire-resistance rating.

To prevent fires from spreading quickly on the stage and in the fly gallery, as experienced in the Iroquois Theatre, the scenery used must comply with the requirements of NFPA 701, *Standard Methods of Fire Tests for Flame Propagation of Textiles and Films*, and with Section 806 of the *International Fire Code* (IFC) for decorative vegetation. Foam plastics used in scenery are required to comply with the requirements of IFC Section 2603.

When a stage has an area greater than 1,000 sq. ft. or a height greater than 50 feet, then one of the following must be provided:

- Two or more roof vents having an aggregate area that is at least 5% of the stage area. The vents are to be located near the center above the highest point of the stage. Operation of the vents shall be heat-activated (typically by fusible links), as well as manually.
- A smoke control system complying with IBC Section 909 that will maintain a smoke layer not less than 6 feet above the highest seating level in the auditorium or above the top of the proscenium opening when the proscenium has a 2-hour fire-resistance rating.

Means of egress from a stage shall be provided by two exits—one on each side of the stage and one on each side of the space under the stage. Furthermore, exterior doors located on the stage that are required for means of egress or may otherwise be opened when the theater is occupied, must be provided with a vestibule. This is to prevent sudden drafts of air into the theater—similar to the rush of air that sent the massive fireball into the upper levels at the Iroquois Theatre. Fly galleries and gridirons shall also be provided with at least one means of escape, and may utilize steel ladders, alternating tread devices, or spiral stairways that egress to the stage roof.

Stages are required to have an automatic sprinkler system, which was so tragically missing from the Iroquois Theatre. This is required whether or not the rest of the theater is required to be sprinklered per IBC Section 903.2.1.1. The only exception is for stages that have an area 1,000 sq. ft. or less, or a height 50 feet or less, *and* that do not have curtains, scenery, or other combustible hangings that are retracted vertically. Sprinklers are also not required in areas under the stage that are less than 4 feet clear in height, used only for storage of tables and chairs, and are separated from adjacent areas with 5/8-inch-thick Type X gypsum board.

For stage areas greater than 1,000 sq. ft., a Class III wet standpipe shall be provided on both sides of the stage, each with 1-1/2-inch and 2-1/2-inch hose connections. However, if a sprinkler system is required in the building or fire area, then only 1-1/2-inch hose connections are required, and they may utilize the same standpipe required for the NFPA 13 sprinkler system. Additionally, a Class II or III standpipe installed in accordance with NFPA 14, *Standard for the Installation of Standpipes and Hose Systems*, may be used instead of the other systems described.

The Chicago building code in effect in 1903—*An Ordinance relating to the Department of Building and Governing the Erection of Buildings, Etc. in the City of Chicago*—incorporated requirements that exhibit a comprehensive understanding of the fire threat in theaters for that period of time. However, even the most comprehensive and technically advanced building code will not prevent a disaster if owners and designers do not comply with code requirements, and if building departments do not enforce them, which was the situation with the Iroquois Theatre—a lesson that was learned too late.

To comment on this article, suggest other topics, or submit a question regarding codes, contact the author at ron@specsandcodes.com.

About the Author: Ronald L. Geren, AIA, CSI, CCS, CCCA, SCIP, is an ICC Certified Building Plans Examiner, and is the principal of RLGA Technical Services located in Scottsdale, Arizona, which provides specifications and code consulting services to architects, engineers, owners, and product manufacturers. A 1984 graduate of the University of Arizona, Ron has over 25 years of experience with military, public, and private agencies.

Suggested Reading:

Brandt, Nat. *Chicago Death Trap: The Iroquois Theatre Fire of 1903*. New York: Southern Illinois University, 2006. Print.

VIPER S SERIES

SMALL VIPER LUMINAIRE

Cat.#

EXHIBIT B

Job

Type



BEACON
design · performance · technology

Approvals

SPECIFICATIONS

Intended Use:

The Beacon Viper luminaire is available with a wide choice of different LED Wattage configurations and optical distributions designed to replace HID lighting up to 400W MH or HPS.

Construction:

- Manufactured with die cast aluminum.
- Coated with a polyester finish that meets ASTM B117 corrosion test requirements and ASTM D522 cracking and loss of adhesion test requirements.
- External hardware is corrosion resistant.
- One piece optical cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.
- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.
- Two-piece silicone and micro-cellular polyurethane foam gasket ensures a weather-proof seal around each individual LED.

Electrical:

- 100V through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.
- Power factor is $\geq .90$ at full load.
- All electrical components are rated at 50,000 hours at full load and 25°C ambient conditions per MIL- 217F Notice 2.
- Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls.
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.
- Plug disconnects are certified by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only.
- Fixture electrical compartment shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections.
- The housing is designed for an optional twist lock photo control receptacle.
- Ambient operating temperature -40°C to 40°C
- Surge protection - 20KA.
- Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices.
- Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Controls/Options:

- Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to factory preset level, reducing the light level accordingly. When motion is detected by the PIR sensor, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from standard configuration.
- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night (see www.beaconproducts.com/products/energeni).
- In addition, Viper can be specified with **SiteSync™** wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbellighting.com/sitesync for more details.

Installation:

- Mounting options for horizontal arm, vertical tenon or traditional arm mounting available. Mounting hardware included.

Finish:

- IFS polyester powder-coat electro-statically applied and thermocured.
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish.
- The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

Listings:

- DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/QPL>
- Certified to UL 1598 and CSA C22.2 No.250.0
- IDA approved
- This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at: <http://www.beaconproducts.com/products/vipersmall>

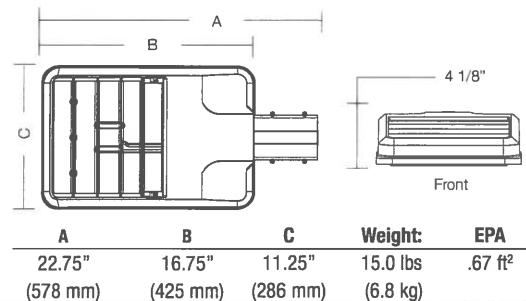
Warranty:

Five year limited warranty for more information visit: www.hubbellighting.com/resources/warranty

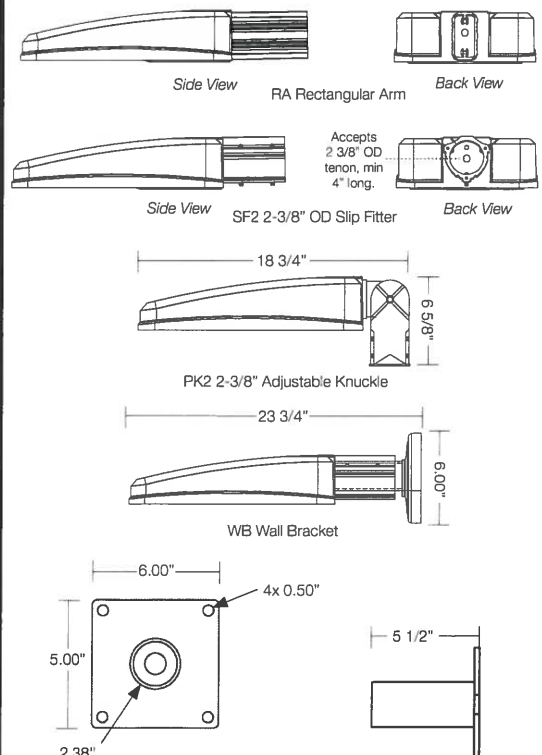
PRODUCT IMAGE(S)



DIMENSIONS



MOUNTING OPTIONS



CERTIFICATIONS/LISTINGS



*3000K and warmer CCTs only



Beacon Products • 2041 58th Avenue Circle East Bradenton, FL 34203 • Phone: 800-345-4928

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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EXHIBIT B

ORDERING INFORMATION ORDERING EXAMPLE: VPS/36NB-80/5K/T4/UNV/PCR-TL/SWP/BLC/RA/BBT

VPS	60NB-136	5k	T4	UNV					RA	DB
SERIES	ENGINE-WATTS	LED COLOR ¹	VOLTAGE	ELECTRICAL OPTIONS	HOUSE SIDE SHIELD OPTIONS				FINISH	
VPS viper-small	24NB-55 55W, LED array 30NB-70 ² 70W, LED array 36NB-80 80W, LED array 48NB-110 110W, LED array 60NB-136 136W, LED array	3K 3000K 4K 4000K 5K 5000K OPTICS ⁴ T1 type I T2 type II T3 type III T4 type IV T5R type V, rectangular T5QM type V, square medium T5W type V, round wide FR front row auto optic	UNV 120-277V 347V 347V 480V 480V	PCR-TL Twist lock receptacle with photo control PCR-SC Twist lock receptacle with shorting cap PCR-U Twist lock receptacle dual power feed 2PF ⁷	BLC ³ backlight control BIRD DETERRENT BSP bird spike MOUNTING OPTIONS RA rectangular arm for round or square pole mount. RPA included. SF2 2 3/8" OD slip-fitter PK2 2 3/8" adjustable knuckle WB wall bracket (use with SF2 or PK2), SF2 standard				BBT basic black textured BMT black matte textured WHT white textured MBT metallic bronze textured BZT bronze textured DBT dark bronze textured GYS gray smooth DPS dark platinum smooth GNT green textured MST metallic silver textured MTT metallic titanium textured OWI old world iron RAL	
CONTROL OPTIONS										
GENI-XX ⁶ Energeni SWP ^{1,5} SiteSync Wireless Pre-Commission SWPM ^{1,2,5} SiteSync Wireless Pre-Commission w/ Motion Detection MDD ^{2,5} Motion Dimming Detector										

¹ Must specify group and zone information at time of order. See www.hubbelllighting.com/controls/sitesync for further details.
² Specify time delay, dimming level and mounting height.
³ T4 optic only.
⁴ To rotate optics Left or right 90 degrees, specify L or R after the optical distribution example T4L.
⁵ Not available with other wireless control or sensor options.
⁶ When ordering Energeni, specify the routine setting code (example GENI-04). See Energeni brochure and instructions for setting table and options. Not available with sensor options.
⁷ Not available for 347V or 480V input.
⁸ This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at: http://con.beaconproducts.com/content/products/specs_files/Viper_Small_LED_turtle_spec_sheet.pdf
⁹ Not available with SWP and SWPM SiteSync options

PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit www.HubbellLighting.com/products/sitesync or contact Hubbell Lighting tech support at (800) 345-4928.

SiteSync fixtures with Motion Control (SWPM) require the mounting height of the fixture for selection of the lens.

Examples: VP-S/24NB-55/5K/T3/UNV/SWP/RA/DBT SiteSync only
 VP-S/24NB-55/5K/T3/UNV/SWPM-20F/RA/DBT SiteSync with Motion Control

MDD ORDERING INFORMATION: When ordering a fixture with the motion detection option (MDD), please specify the appropriate information. These settings are specified in the ordering as shown in the example below.

VP-S/24NB-55/5K/T3/UNV/MDD - 1 to 30 min. - 33% or 50% - ?? / RA/DBT

High to Dim Delay Low Level Mounting Height (ft.)



SiteSync Lighting Control is available from our most popular brands in a broad range of award-winning product families.

Accessories and Services (Ordered Separately)

Catalog Number	Description
SWUSB*	SiteSync loaded on USB flash drive (Windows based only)
SWTAB*	SiteSync Windows Tablet
SWBRG*	SiteSync Wireless Bridge Node

*When ordering with SiteSync, one of the following interface options must be chosen and ordered separately. Each option contains the SiteSync License, GUI and Bridge Node.
 + If needed, an additional Bridge Node can be ordered.



DesignLights Consortium qualified.
 Consult DLC website for more details:
<http://www.designlights.org/QPL>

Hubbell Control Solutions - Accessories (sold separately)

Catalog Number	Description	HCS System
NXOFM-1R1D-UNV	On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with HubbNET Radio and Bluetooth® Radio, 120-480VAC	NX Distributed Intelligence™
WIR-RME-L	On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE Radio, 110-480VAC	wiSCAPE™ Lighting Control

For additional information related to these accessories please visit www.hubbellcontrolsolutions.com. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.



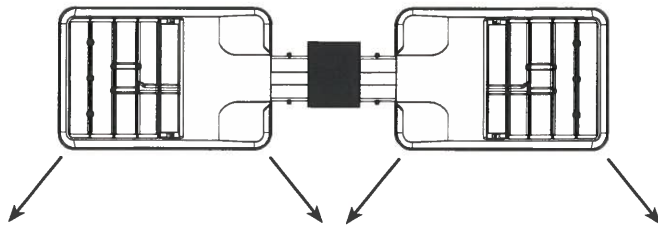
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EXHIBIT B

LEFT ROTATED OPTIC

RIGHT ROTATED OPTIC



PERFORMANCE DATA

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
				LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G
24	700 mA	55 W	FR/T1	6339	114	1	0	1	6276	112	1	0	1	5389	97	1	0	1
			T2	5666	102	2	0	2	5610	101	2	0	2	4816	86	1	0	2
			T3	5610	101	1	0	2	5554	100	1	0	2	4784	86	1	0	2
			T4	6171	111	1	0	2	6110	109	1	0	2	5245	94	1	0	2
			T5R	6283	113	3	0	3	6221	111	3	0	3	5341	96	3	0	3
			T5QM	6171	111	3	0	1	6110	109	3	0	1	5245	94	2	0	1
			T5W	6087	109	3	0	1	6027	108	3	0	1	5201	93	3	0	1
30	700 mA	70 W	FR/T1	8096	113	1	0	1	8016	112	1	0	1	6882	96	1	0	1
			T2	7204	101	2	0	2	7133	100	2	0	2	6123	86	2	0	2
			T3	7743	108	2	0	2	7666	107	2	0	2	6659	93	2	0	2
			T4	7896	111	1	0	2	7817	110	1	0	2	6791	95	1	0	2
			T5R	8035	112	3	0	3	7954	111	3	0	3	6829	95	3	0	3
			T5QM	7846	110	3	0	1	7768	109	3	0	1	6669	93	3	0	1
			T5W	8305	116	3	0	2	8222	115	3	0	2	7142	100	3	0	2
36	700 mA	80 W	FR/T1	9515	114	1	0	1	9414	112	1	0	1	8083	96	1	0	1
			T2	8505	101	2	0	3	8415	100	2	0	3	7224	87	2	0	2
			T3	8415	100	2	0	2	8331	99	2	0	2	7175	86	2	0	2
			T4	9256	110	1	0	3	9164	109	1	0	3	7868	94	1	0	3
			T5R	9425	112	3	0	3	9331	111	3	0	3	8011	96	3	0	3
			T5QM	9257	110	3	0	1	9164	109	3	0	1	7868	94	3	0	1
			T5W	9131	109	3	0	2	9040	108	3	0	2	7801	93	3	0	2
48	700 mA	110 W	FR/T1	12679	114	2	0	1	15522	113	2	0	1	10777	97	1	0	1
			T2	11332	102	3	0	3	11220	101	3	0	3	9633	87	2	0	3
			T3	11220	101	2	0	3	11108	100	2	0	3	9567	86	2	0	3
			T4	12342	111	2	0	3	12219	110	2	0	3	10491	95	2	0	3
			T5R	12567	113	4	0	4	12441	112	4	0	4	10682	96	3	0	3
			T5QM	12342	111	3	0	2	12219	111	3	0	2	10491	95	3	0	2
			T5W	12175	110	4	0	2	12053	109	4	0	2	10402	94	4	0	2
60	700 mA	136 W	FR/T1	15848	116	2	0	1	15690	115	2	0	1	13471	98	2	0	1
			T2	14165	103	3	0	3	14025	102	3	0	3	12041	88	3	0	3
			T3	14025	102	3	0	3	13885	101	3	0	3	11959	87	3	0	3
			T4	15427	113	2	0	3	15274	111	2	0	3	13114	96	2	0	3
			T5R	15708	115	4	0	4	15259	111	4	0	4	13352	97	4	0	4
			T5QM	15427	113	4	0	2	15274	111	4	0	2	13314	96	3	0	2
			T5W	15218	111	4	0	2	15066	111	4	0	2	13002	95	4	0	2

¹Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.



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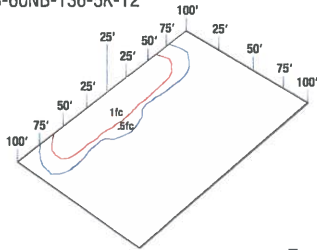
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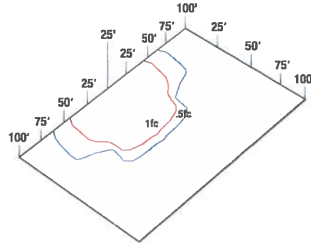
EXHIBIT B

PHOTOMETRICS

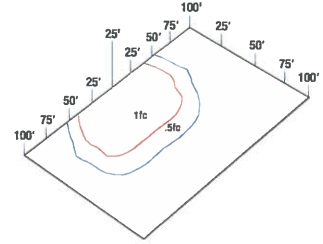
Type II
VP-S-60NB-136-5K-T2



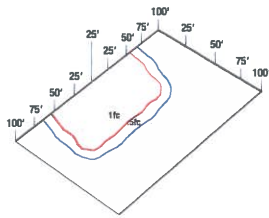
Type III
VP-S-60NB-136-5K-T3



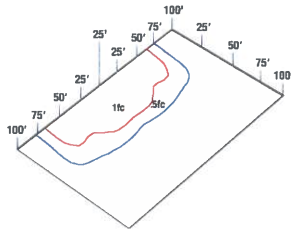
Type IV
VP-S-60NB-136-5K-T4



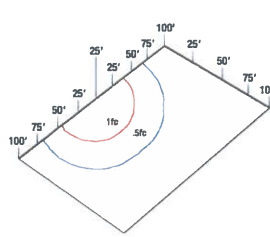
Type V Square Medium
VP-S-60NB-136-5K-T5QM



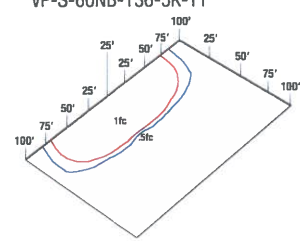
Type V Rectangular
VP-S-60NB-136-5K-T5R



Type V Round Wide
VP-S-60NB-136-5K-T5W



Front Row Auto Optic / Type I
VP-S-60NB-136-5K-FR
VP-S-60NB-136-5K-T1



ELECTRICAL DATA

# OF LEDS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)
24	2	700 mA	120	55	0.5
			277		0.2
			347		0.2
			480		0.1
30	2	700 mA	120	70	0.6
			277		0.3
			347		0.2
			480		0.1
36	1	700 mA	120	80	0.7
			277		0.3
			347		0.2
			480		0.2
48	1	700 mA	120	110	0.9
			277		0.4
			347		0.3
			480		0.2
60	1	700 mA	120	136	1.1
			277		0.5
			347		0.4
			480		0.3

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	0	25,000	50,000	TM-21-11 60,000	100,000	Calculated L70 (HOURS)
25°C / 77°F	1.00	0.97	0.95	0.95	0.92	>470,000

¹ Projected per IESNA TM-21-11

Data references the extrapolated performance projections for the base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

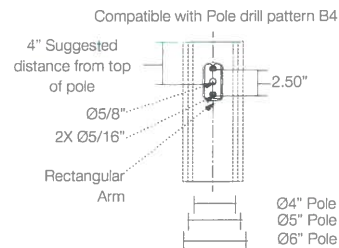
AMBIENT TEMPERATURE	LUMEN MULTIPLIER
0°C	1.02
10°C	1.01
20°C	1.00
25°C	1.00
30°C	0.98
40°C	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

EPA

Config.	EPA
1	.67
2 @ 90°	1.06
2 @ 180°	1.34

DRILL PATTERN





KBA8 LED

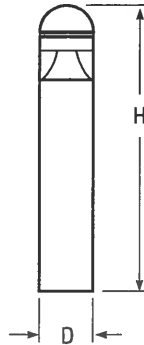
LED Specification Bollard

Specifications

8" Round
(20.3 cm)

Height: 42"
(106.7 cm)

Weight (max): 27 lbs
(12.25 kg)

Catalog
Number

Notes

Type

Introduction

The KBA8 Bollard is a stylish, fully integrated LED solution for walkways. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 70% in energy savings over comparable 100W metal halide luminaires, the KBA8 Bollard is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: KBA8 LED 16C 700 40K SYM MVOLT DDBXD

KBA8 LED

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Control options	Other options	Finish ^(required)
KBA8 LED	Asymmetric 12C 12 LEDs ¹	350 350 mA	30K 3000 K	ASY Asym- metric ¹	MVOLT ⁵	Shipped installed PE Photoelectric cell, button type	Shipped installed SF Single fuse (120, 277, 347V) ^{4,7}	DWHXD White
		450 450 mA ^{3,4}	40K 4000 K		120 ⁵			DNAXD Natural aluminum
		530 530 mA	50K 5000 K	SYM Sym- metric ²	208 ⁵	DMG 0-10V dimming driver (no controls)	DF Double fuse (208, 240V) ^{4,7}	DDBXD Dark bronze
	Symmetric 16C 16 LEDs ²	700 700 mA	AMBPC Amber phosphor converted		240 ⁵			DBLXD Black
			AMBLW Amber limited wavelength ^{3,4}		277 ⁵	ELCW Emergency battery backup ⁶	H24 24" overall height	DDBTXD Textured dark bronze
					347 ⁴		H30 30" overall height	DBLBXD Textured black
							H36 36" overall height	DNATXD Textured natural aluminum
							FG Ground-fault festocon outlet	L/AB Without anchor bolts (3 bolt base)
							L/AB4 4 bolt retrofit base without anchor bolts ⁸	DWHGXD Textured white

Accessories

Ordered and shipped separately.

MRAB U Anchor bolts for KBA8 LED ⁸

NOTES

- Only available in the 12C, ASY version.
- Only available in the 16C, SYM version.
- Only available with 450 AMBLW version.
- Not available with ELCW.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Not available with 347V. Not available with fusing. Not available with 450 AMBLW.
- Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- MRAB U not available with L/AB4 option.
- Striping is available only in the colors listed.

EXHIBIT B

Performance Data

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%.

Light Engines	Drive Current	System Watts	3000 K					4000 K					5000 K					Limited Wavelength Amber				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
Asymmetric 3 Engines (12 LEDs)	350	16	641	40	1	1	1	809	51	1	1	1	870	54	1	1	1					
	530	22	947	43	1	1	1	1,191	54	1	1	1	1,282	58	1	1	1					
	700	31	1,214	40	1	1	1	1,527	51	1	1	1	1,646	55	1	1	1					
	Amber 450	16																324	20	0	1	0
Symmetric 4 Engines (16 LEDs)	350	20	888	44	1	0	0	1,116	56	1	0	0	1,203	60	1	0	0					
	530	28	1,254	45	1	0	0	1,598	57	1	0	1	1,719	61	1	0	1					
	700	39	1,608	41	1	0	1	2,022	52	1	0	1	2,180	56	2	0	1					
	Amber 450	20																374	19	0	0	0

Note: Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.

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-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.98	0.97	0.95

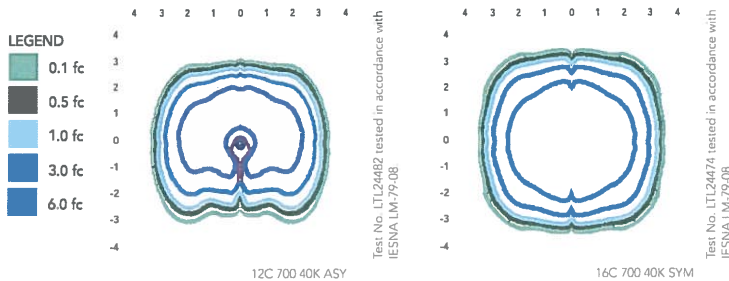
Electrical Load

Light Engines	Drive Current (mA)	System Watts	Current (A)				
			120	208	240	277	347
12C	350	16W	0.158	0.118	0.114	0.109	0.105
	530	22W	0.217	0.146	0.136	0.128	0.118
	700	31W	0.296	0.185	0.168	0.153	0.139
	Amber 450	16W	0.161	0.120	0.115	0.110	0.106
16C	350	20W	0.197	0.137	0.128	0.121	0.114
	530	28W	0.282	0.178	0.162	0.148	0.135
	700	39W	0.385	0.231	0.207	0.185	0.163
	Amber 450	20W	0.199	0.139	0.130	0.123	0.116

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [KBA8 Bollard homepage](#).

Isofootcandle plots for the KB LED Bollards. Distances are in units of mounting height (3').



FEATURES & SPECIFICATIONS

INTENDED USE

The rugged construction and clean lines of the KBA bollard is ideal for illuminating building entryways, walking paths, and pedestrian plazas, as well as any other location requiring a low mounting height light source with fully cutoff illumination.

CONSTRUCTION

One-piece 8-inch round extruded aluminum shaft with thick side walls for extreme durability, a high-impact clear acrylic lens and welded top cap. Die-cast aluminum mounting ring allows for easy leveling even in sloped locations and a full 360-degree rotation for precise alignment during installation. Three ½" x 11" anchor bolts with double nuts and washers and 3 ¾" bolt circle template ensure stability. Overall height is 42" standard.

FINISH

Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering for maximum retention of gloss and luster. A tightly controlled multi-stage process ensures a minimum 3-mil thickness for a finish that can withstand the elements without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Two fully cutoff optical distributions are available: symmetrical and asymmetrical. IP66 sealed LED light engine provides smoothly graduated illumination without any uplight. Light engines are available in standard 4000 K (>70 CRI) or optional 3000 K (>80 CRI) or 5000 K (67 CRI). Limited-wavelength amber LEDs are also available.

ELECTRICAL

Light engines consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (L95/100,000 hours at 700mA at 25°C). Class 2 electronic drivers are designed for an expected life of 100,000 hours with < 1% failure rate. Electrical components are mounted on a removable power tray.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. Cold-weather emergency battery backup rated for -20°C minimum ambient.

WARRANTY

Five-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.



Arlington Heights Police Department*Emergency Information Card***EXHIBIT C**

Arlington Heights Police Department
200 E. Sigwalt Street
Arlington Heights, IL 60005-1499
Phone: 847/368-5300

1. Fill in all information by tabbing to each field.
2. When completed, save the form and send as an attachment to: tmorales@vah.com.

Completed forms may also be printed and submitted in the following manner:

By Mail: Arlington Heights Police Department
200 E. Sigwalt Street, Arlington Heights, IL 60005
Attention: Police Administration

Print Form (To Mail)

By Fax: (847) 368-5970 - Attention: Police Administration

In Person: Dropped off at the Arlington Heights Police Department's front desk for forwarding to Police Administration.

Name (Firm or Residence)

St. Edna Catholic Church

Address/City

2525 N. Arlington Heights Rd.

Telephone Number

847-398-3362

Date Information Obtained

9-10-17

IN CASE OF EMERGENCY PLEASE CALL:**Contact #1**

Name

Fr. Ramirez or Fr. Heidenseich

Address/City

(premises)

Telephone Number

847-749-4686

Cell Number

Contact #2

Name

Tom Walters - Head of maintenance

Address/City

Telephone Number

847-222-0513

Cell Number

224-258-6674

Alarm System☐ No☒ Yes

Phone number:

847-353-7200

Alarm Company Name

Sentry Security

EXHIBIT D

Print Form

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 W. JEFFERSON ST.
SPRINGFIELD, IL 62761

**WATER WELL SEALING FORM**

PDF FILLABLE/SAVABLE

**RETURN ALL COPIES TO IDPH OR
LOCAL HEALTH DEPARTMENT**

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Illinois Water Well Construction Code. THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party)		St. Edna's Catholic Church										
2. Well Location: Well Site Address		2525 N. Arlington Heights Road	City	Arlington Heights, IL	Zip	60004						
Lot #	M&B	Land I.D.#	13-17-101-019-0000	County	Cook	Township	Wheeling					
Range	42N	Section	17	SE	Quarter of the	NE	Quarter of the	NW	Quarter			
GPS: North		42	Minutes	7	Seconds	18.4188	West	-87	Minutes	58	Seconds	42.779
Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.												
3. Year Drilled		?	4. Drilling Permit Number (and date, if known)		?							
5. Type of Well		Drilled		6. Total Depth (ft.)				Diameter (in.)		5		
7. Formation clear of obstruction		Yes										
8. Detains of Plugging (bentonite, neat cement or other materials)												
Filled with		Bentonite Chips		From (ft.)		125		to (ft.)		100		
Kind of plug		Bentonite Grout 30% sol.		From (ft.)		100		to (ft.)		GRADE		
Filled with				From (ft.)				to (ft.)				
Kind of plug				From (ft.)				to (ft.)				
Filled with				From (ft.)				to (ft.)				
Kind of plug				From (ft.)				to (ft.)				

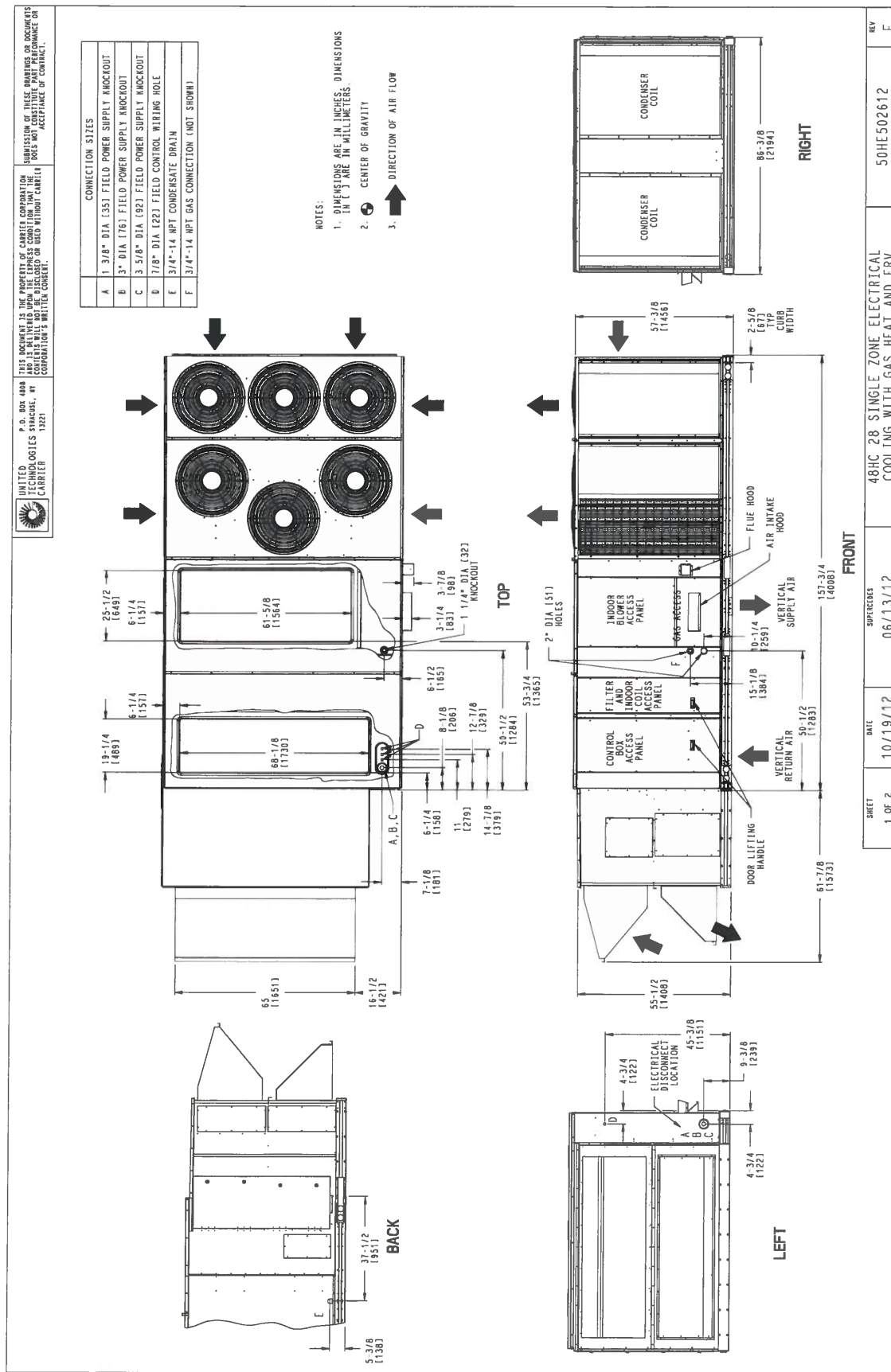
9. CASING RECORD Upper 2 feet of casing removed		Yes	10. Date well was sealed		9/6/2013							
11. Licensed water well driller or other person approved by the Department performing well sealing												
Name		Stephen A. Snelten		Complete License Number		102-003167						
Address		5 Hillview Drive		City		Barrington	State		Illinois	Zip Code		60010

ORDERED BY:
SEAN FREEDS
Vice. of ARLINGTON HTG.
9/6/13

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.

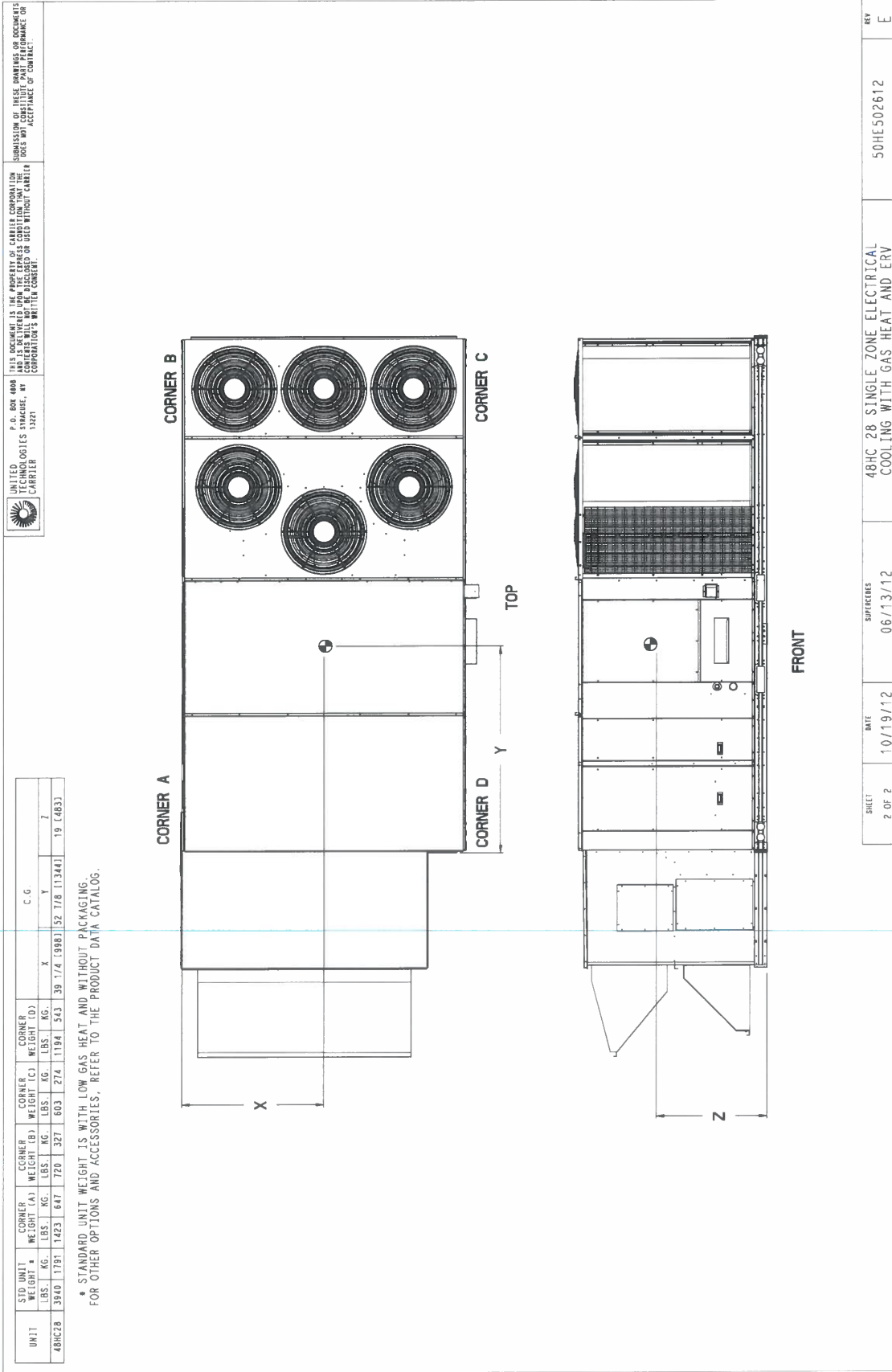
03/01/2016
10:16AM



Certified Drawing for RT-1

Project: M16025 - St. Edna Catholic Church
Prepared By:

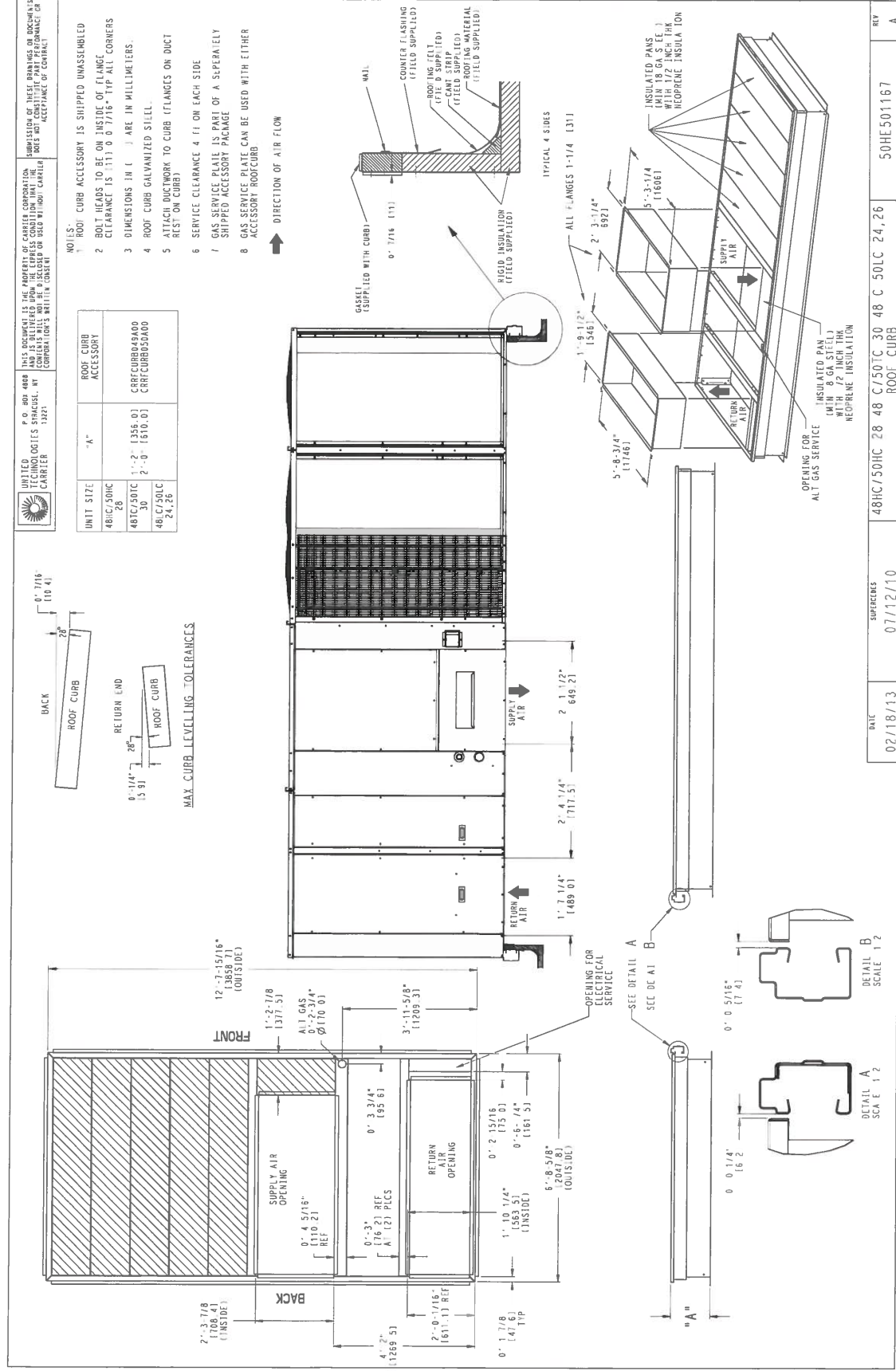
03/01/2016
10:16AM



Certified Drawing for RT-1

Project: M16025 - St. Edna Catholic Church
Prepared By:

03/01/2016
10:16AM





Certified Drawing for RT-2

Project: M16025 - St. Edna Catholic Church
Prepared By:

03/01/2016
10:17AM

UNIT	STD UNIT WEIGHT		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.	
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y
48HC28	3940	1781	1423	647	720	327	603	274	1184	543	39 1/4 (990)	52 7/8 (1344)
												19 (483)

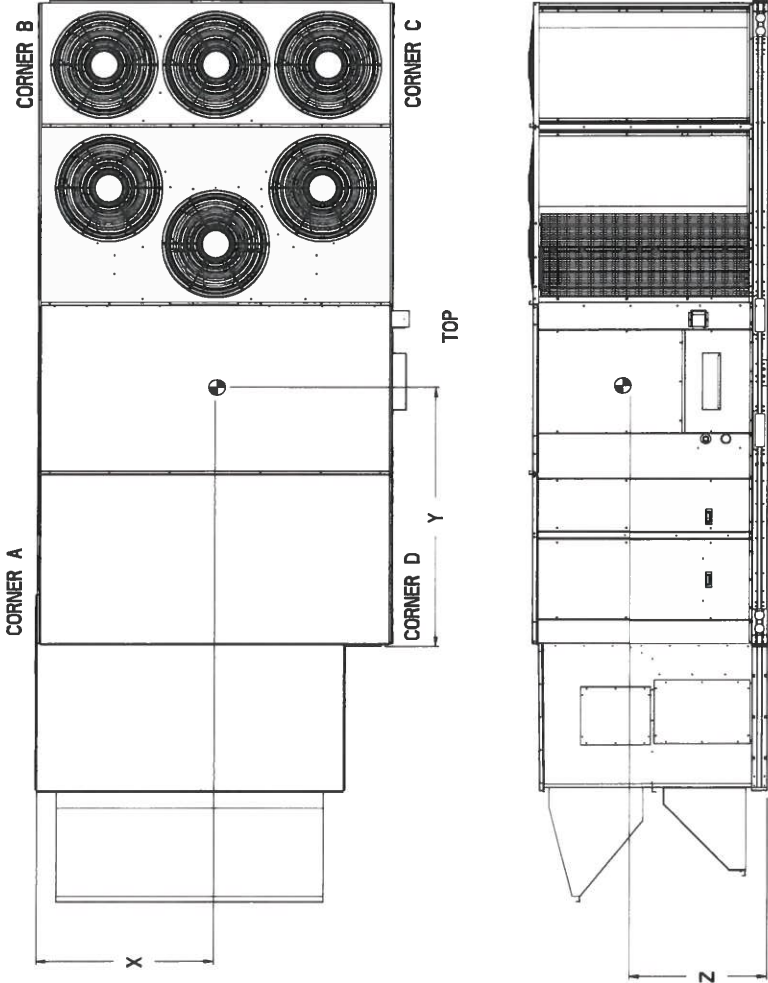
* STANDARD UNIT WEIGHT IS WITH LOW GAS HEAT AND WITHOUT PACKAGING.
FOR OTHER OPTIONS AND ACCESSORIES, REFER TO THE PRODUCT DATA CATALOG.



UNITED
CARRIER

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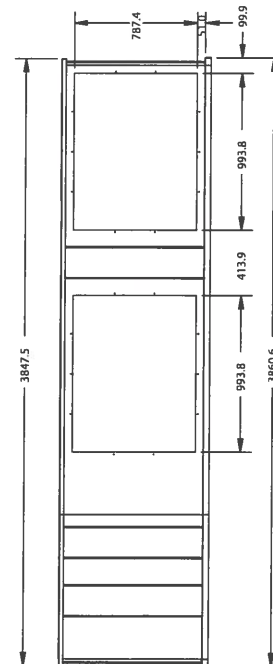
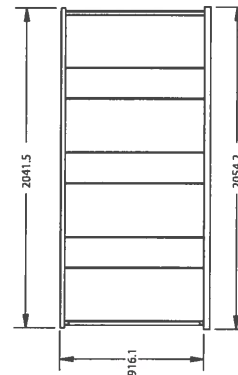
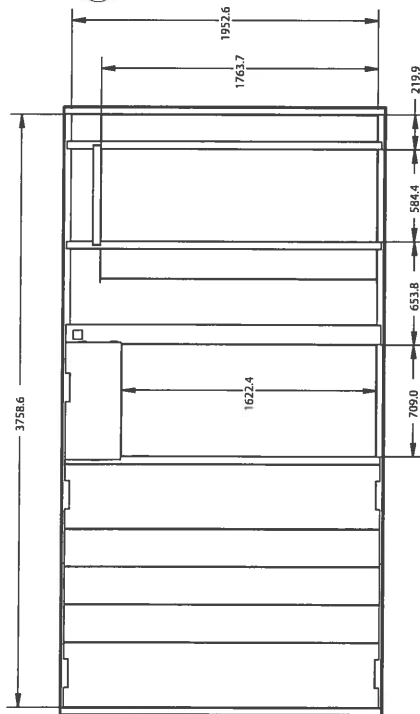
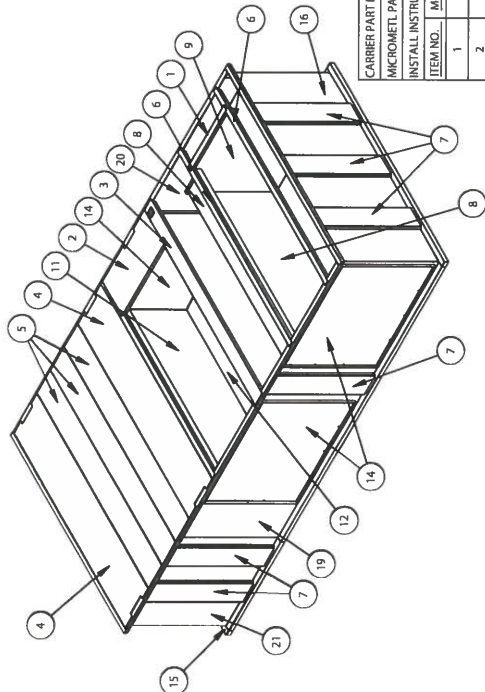


SHEET	DATE	SUPERSEDES	DESCRIPTION	REV
2 OF 2	10/19/12	06/13/12	48HC 28 SINGLE ZONE ELECTRICAL COOLING WITH GAS HEAT AND ERV	E



EXHIBIT E

RTU 1 AND 2 WILL
DISCHARGE DOWN INTO
THE CURB SHOWN BELOW.



CARRIER PART NUMBER: CRADCURB012A00			
MICROMETL PART NUMBER: HEGF-W-HC88			
INSTALL INSTRUCTION # IK-CRADCURB01-01			
ITEM NO.	MMC PART NO.	DESCRIPTION	QTY.
1	D403565A	R/A SUPPORT	1
2	D403566A	S/A SUPPORT	1
3	D403567A	A CROSS SUPPORT	1
4	D403580A	DECK PAN A	2
5	D403581A	DECK PAN B	3
6	D403593A	CROSS SUPPORT	3
7	CRBHEQ033	VERTICAL SUPPORT	13
8	CRBHEQ034	RETURN SHROUD A	1
9	CRBHEQ035	RETURN SHROUD B	1
10	CRBHEQ036	SUPPLY SHROUD A	1
11	CRBHEQ037	SUPPLY SHROUD B	1
12	CRBHEQ038	SUPPLY SHROUD C	1
13	CRBHEQ039	RETURN SHROUD C	1
14	CRBHEQ040	COVERS	3
15	CRBHEQ041	FRONT	1
16	CRBHEQ042	REAR	1
17	CRBHEQ043	HORIZONTAL CURB, SIDE B	1
18	CRBHEQ044	SUPPORT PLATE	2
19	CRBHEQ046	HORIZONTAL CURB, SIDE A	1
20	CRBHEQ047	HORIZONTAL CURB, SIDE B	1
21	CRBHEQ048	HORIZONTAL CURB, SIDE A	1

SIZE	DRAWING NUMBER	REV
D	48TM404345	-

- NOTES:
1. SHIPS FULLY WELDED
 2. INSULATED DECK PANS
 3. INCLUDE 28 LIT OF 1-1/2 X 1/4" GASKETING (9430-0100)
 4. WILL SIT ON STANDARD CURB

Fig. 4 - CRADCURB012A00 Horizontal Curb Adapter Assembly

C12175

10/04/2017
01:05PM

RTU-3 WILL BE ON A STANDARD 14" CURB.
DUCTS WILL DISCHARGE OUT THE SIDE OF THE
UNIT.



Certified Drawing for RT-3

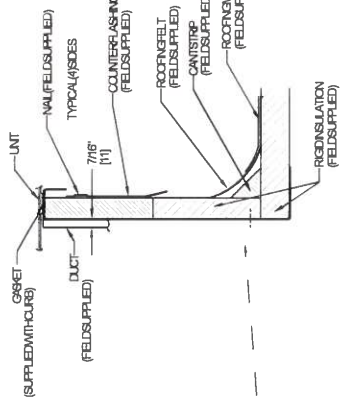
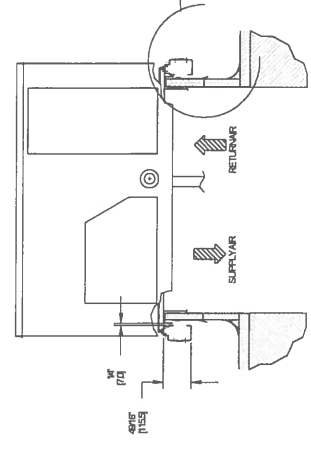
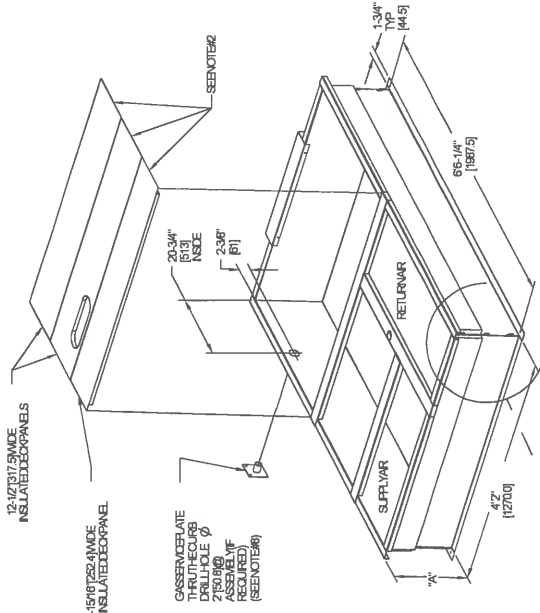
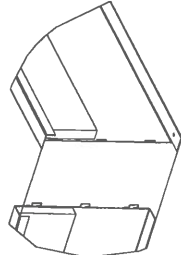
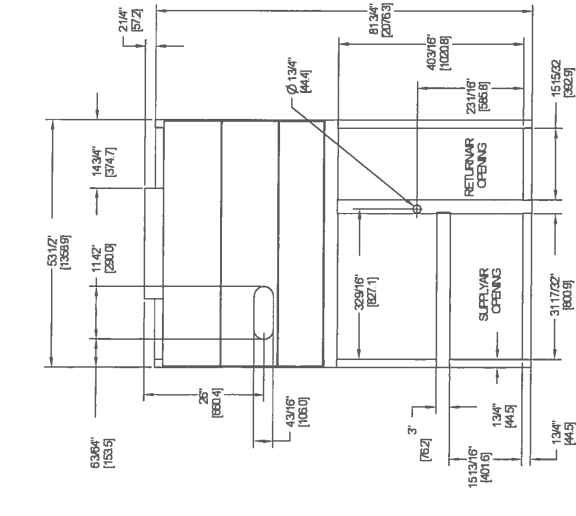
Project: M16025 - St. Edna Catholic Church
Prepared By:

10/04/2017
01:05PM

- NOTES:
1. ROOF CURB ACCESSORY/SS-#FEDS ASSEMBLED
2. INSULATED PANELS 2" THICK POLYURETHANE FOAM 44.9134 DENSITY
3. DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS
4. ROOF CURB IS TO BE SET IN 1" DEEP GROUT (CONCRETE OR GROUT)
5. GROUT SHALL BE 1:2:4 PORTLAND CEMENT: SAND: GRAVEL (3/4" MAX)
6. SERVICE CLEARANCE SHALL BE 10" ON EACH SIDE
7. 10" MINIMUM CLEARANCE TO WALL
8. CONNECTOR PACKAGING: CRBTMPVROD0401 FOR THRU-TOP TYPE GAS CONNECTIONS
9. CRBTMPVROD0401 FOR THRU-BOTTOM TYPE GAS CONNECTIONS

ROOF CURB ACCESSORY#	A
CRFCURB030401	1" [25.4]
CRFCURB0401	2" [50.8]

CONNECTOR PKG. ACC.	GAS CONNECTION TYPE	GAS FITTING	POWER WIRING FITTING	CONTROL WIRING FITTING	ACCESSORY/CONVENIENCE OUTLET WIRING CONNECTOR
CRBTMPVROD0401	THRU-TOP CURB	3/4" [19.0] NPT	1/4" [3.1] NPT	1/2" [12.7] NPT	1/2" [12.7] NPT
CRBTMPVROD0401	THRU-BOTTOM				



CERTIFIED DRAWING

DRAWING RELEASE LEVEL		PRODUCTION				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		REV	
THROCKLE POSITION				ANG		D		C	
MATERIAL		1 DEC 2000 3 DEC 2000		±		50-1403012		S-REPAIRS	
		AUT. COUNTER NUMBER		±		NEXT WORKING		SCALE	
		1020120				MANUFACTURING		DISTRIBUTION	
		ENGINEERS				MANUFACTURING			
		DWYER		CROCKER					
		MMC		1276009					
		MODEL		(INTERNAL ONLY)					
SUPPORT/ENGIN		P/URCH							

EXHIBIT F**Performance Summary For RT-1**

Project: M16025 - St. Edna Catholic Church
 Prepared By:

09/22/2017
 02:02PM

Leaving Air Temp:	87.5	F
Gas Heating Input Capacity:	320.0 / 400.0	MBH
Gas Heating Output Capacity (R/ERV/S):	324.00 / 119.44 / 443.44	MBH
Temperature Rise:	31.4	F
Thermal Efficiency (%):	81.0	

Supply Fan

External Static Pressure:	0.50	in wg
Options / Accessories Static Pressure		
Economizer:	0.10	in wg
Total Application Static (ESP + Unit Opts/Acc.):	0.60	in wg
Fan RPM:	998	
Fan Power:	5.52	BHP
NOTE:	Selected IFM RPM Range: 913 - 1116	

Electrical Data

Voltage Range:	187 - 253
Compressor #1 RLA:	48.1
Compressor #1 LRA:	245
Compressor #2 RLA:	33.3
Compressor #2 LRA:	239
Indoor Fan Motor Type:	MED
Indoor Fan Motor FLA:	17.1
Combustion Fan Motor FLA (ea):	0.52
Power Supply MCA:	151.8
Power Supply MOCP (Fuse or HACR):	175
Disconnect Size FLA:	161
Disconnect Size LRA:	619
Electrical Convenience Outlet:	None
EnergyX Exhaust [Qty / FLA(ea)]:	2 / 7.78
Outdoor Fan [Qty / FLA (ea)]:	6 / 1.5
EnergyX Supply [Qty / FLA(ea)]:	2 / 7.78
EnergyX Wheel [Qty / FLA(ea)]:	1 / 1.2

Electrical Data (Unit produced on or after May 16, 2016)

Compressor #1 RLA:	48.1
Compressor #1 LRA:	245
Compressor #2 RLA:	33.9
Compressor #2 LRA:	240
Power Supply MCA:	152.4
Power Supply MOCP (Fuse or HACR):	200
Disconnect Size FLA:	161
Disconnect Size LRA:	620

May 16, 2016 and beyond units can be identified by serial number 2116P15272 and higher

Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage**Acoustics**

Sound Rating:	86.0	db
Sound Power Levels, db re 10E-12 Watts		

	Discharge	Inlet	Outdoor
63 Hz	96.7	99.4	97.1
125 Hz	90.0	79.0	88.3
250 Hz	83.6	70.1	84.4
500 Hz	83.6	61.2	83.3
1000 Hz	77.7	55.7	80.7
2000 Hz	76.1	53.9	77.4
4000 Hz	75.6	47.5	73.4
8000 Hz	68.0	36.9	67.3

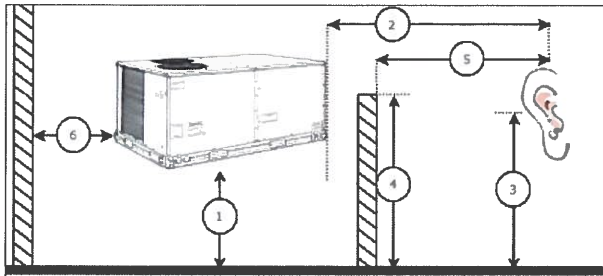
Performance Summary For RT-1

Project: M16025 - St. Edna Catholic Church
Prepared By:

09/22/2017
02:02PM

A-Weighted 85.3 74.1 85.9

Advanced Acoustics



Advanced Acoustics Parameters

1. Unit height above ground: 30.0 ft
2. Horizontal distance from unit to receiver: 50.0 ft
3. Receiver height above ground: 5.7 ft
4. Height of obstruction: 8.0 ft
5. Horizontal distance from obstruction to receiver: 3.5 ft
6. Horizontal distance from unit to obstruction: 0.0 ft

Detailed Acoustics Information

Octave Band Center Freq. Hz	63	125	250	500	1k	2k	4k	8k	Overall
A	97.1	88.3	84.4	83.3	80.7	77.4	73.4	67.3	98.1 Lw
B	70.9	72.2	75.8	80.1	80.7	78.6	74.4	66.2	85.9 LwA
C	58.3	50.4	46.8	45.4	42.0	37.4	31.8	23.7	59.5 Lp
D	32.1	34.3	38.2	42.2	42.0	38.6	32.8	22.6	47.2 LpA

Legend

- A Sound Power Levels at Unit's Acoustic Center, Lw
- B A-Weighted Sound Power Levels at Unit's Acoustic Center, LwA
- C Sound Pressure Levels at Specific Distance from Unit, Lp
- D A-Weighted Sound Pressure Levels at Specific Distance from Unit, LpA

Calculation methods used in this program are patterned after the ASHRAE Guide; other ASHRAE Publications and the AHRI Acoustical Standards. While a very significant effort has been made to insure the technical accuracy of this program, it is assumed that the user is knowledgeable in the art of system sound estimation and is aware of the tolerances involved in real world acoustical estimation. This program makes certain assumptions as to the dominant sound sources and sound paths which may not always be appropriate to the real system being estimated. Because of this, no assurances can be offered that this software will always generate an accurate sound prediction from user supplied input data. If in doubt about the estimation of expected sound levels in a space, an Acoustical Engineer or a person with sound prediction expertise should be consulted.

EXHIBIT F**Performance Summary For RT-2**

Project: M16025 - St. Edna Catholic Church
 Prepared By:

09/22/2017
 02:05PM

Leaving Air Temp:	86.9	F
Gas Heating Input Capacity:	320.0 / 400.0	MBH
Gas Heating Output Capacity (R/ERV/S):	324.00 / 104.87 / 428.87	MBH
Temperature Rise:	31.9	F
Thermal Efficiency (%):	81.0	

Supply Fan

External Static Pressure:	0.50	in wg
Options / Accessories Static Pressure		
Economizer:	0.10	in wg
Total Application Static (ESP + Unit Opts/Acc.):	0.60	in wg
Fan RPM:	987	
Fan Power:	5.31	BHP
NOTE:	Selected IFM RPM Range: 913 - 1116	

Electrical Data

Voltage Range:	187 - 253
Compressor #1 RLA:	48.1
Compressor #1 LRA:	245
Compressor #2 RLA:	33.3
Compressor #2 LRA:	239
Indoor Fan Motor Type:	MED
Indoor Fan Motor FLA:	17.1
Combustion Fan Motor FLA (ea):	0.52
Power Supply MCA:	151.8
Power Supply MOCP (Fuse or HACR):	175
Disconnect Size FLA:	161
Disconnect Size LRA:	619
Electrical Convenience Outlet:	None
EnergyX Exhaust [Qty / FLA(ea)]:	2 / 7.78
Outdoor Fan [Qty / FLA (ea)]:	6 / 1.5
EnergyX Supply [Qty / FLA(ea)]:	2 / 7.78
EnergyX Wheel [Qty / FLA(ea)]:	1 / 1.2

Electrical Data (Unit produced on or after May 16, 2016)

Compressor #1 RLA:	48.1
Compressor #1 LRA:	245
Compressor #2 RLA:	33.9
Compressor #2 LRA:	240
Power Supply MCA:	152.4
Power Supply MOCP (Fuse or HACR):	200
Disconnect Size FLA:	161
Disconnect Size LRA:	620

May 16, 2016 and beyond units can be identified by serial number 2116P15272 and higher

Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage**Acoustics**

Sound Rating:	86.0	db
Sound Power Levels, db re 10E-12 Watts		

	Discharge	Inlet	Outdoor
63 Hz	96.3	98.8	97.1
125 Hz	89.6	78.6	88.3
250 Hz	83.2	70.0	84.4
500 Hz	83.2	61.4	83.3
1000 Hz	77.3	55.8	80.7
2000 Hz	75.7	53.7	77.4
4000 Hz	75.2	47.3	73.4
8000 Hz	67.6	36.6	67.3

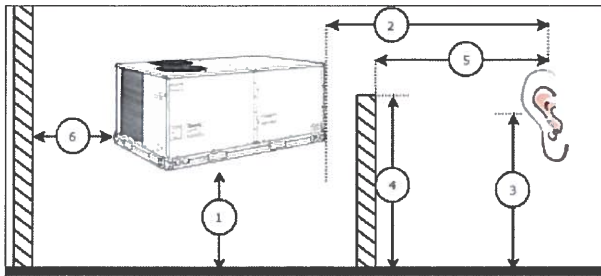
Performance Summary For RT-2

Project: M16025 - St. Edna Catholic Church
Prepared By:

09/22/2017
02:05PM

A-Weighted 84.9 73.5 85.9

Advanced Acoustics



Advanced Acoustics Parameters

- 1. Unit height above ground: 30.0 ft
- 2. Horizontal distance from unit to receiver: 50.0 ft
- 3. Receiver height above ground: 5.7 ft
- 4. Height of obstruction: 8.0 ft
- 5. Horizontal distance from obstruction to receiver: 3.5 ft
- 6. Horizontal distance from unit to obstruction: 0.0 ft

Detailed Acoustics Information

Octave Band Center Freq. Hz	63	125	250	500	1k	2k	4k	8k	Overall
A	97.1	88.3	84.4	83.3	80.7	77.4	73.4	67.3	98.1 Lw
B	70.9	72.2	75.8	80.1	80.7	78.6	74.4	66.2	85.9 LwA
C	58.3	50.4	46.8	45.4	42.0	37.4	31.8	23.7	59.5 Lp
D	32.1	34.3	38.2	42.2	42.0	38.6	32.8	22.6	47.2 LpA

Legend

- A Sound Power Levels at Unit's Acoustic Center, Lw
- B A-Weighted Sound Power Levels at Unit's Acoustic Center, LwA
- C Sound Pressure Levels at Specific Distance from Unit, Lp
- D A-Weighted Sound Pressure Levels at Specific Distance from Unit, LpA

Calculation methods used in this program are patterned after the ASHRAE Guide; other ASHRAE Publications and the AHRI Acoustical Standards. While a very significant effort has been made to insure the technical accuracy of this program, it is assumed that the user is knowledgeable in the art of system sound estimation and is aware of the tolerances involved in real world acoustical estimation. This program makes certain assumptions as to the dominant sound sources and sound paths which may not always be appropriate to the real system being estimated. Because of this, no assurances can be offered that this software will always generate an accurate sound prediction from user supplied input data. If in doubt about the estimation of expected sound levels in a space, an Acoustical Engineer or a person with sound prediction expertise should be consulted.

EXHIBIT F**Performance Summary For RT-3**

Project: M16025 - St. Edna Catholic Church
 Prepared By:

09/22/2017
 02:05PM

External Static Pressure: 0.50 in wg
 Options / Accessories Static Pressure
 Economizer: 0.27 in wg
 Total Application Static (ESP + Unit Opts/Acc.): 0.77 in wg
 Fan RPM: 898
 Fan Power: 2.13 BHP
 NOTE: Selected IFM RPM Range: 838 - 1084

Electrical Data

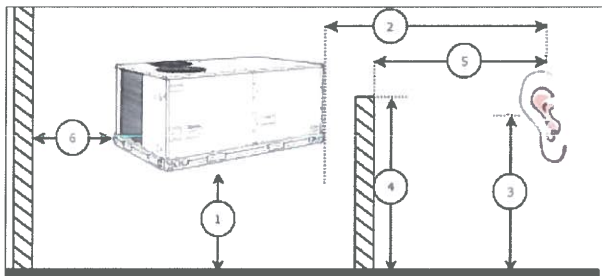
Voltage Range: 187 - 253
 Compressor #1 RLA: 15.9
 Compressor #1 LRA: 110
 Compressor #2 RLA: 15.9
 Compressor #2 LRA: 110
 Indoor Fan Motor Type: MED
 Indoor Fan Motor FLA: 10.8
 Combustion Fan Motor FLA (ea): 0.48
 Power Supply MCA: 54
 Power Supply MOC (Fuse or HACR): 60
 Disconnect Size FLA: 58
 Disconnect Size LRA: 304
 Electrical Convenience Outlet: None
 Outdoor Fan [Qty / FLA (ea)]: 1 / 7.4

Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage

Acoustics

Sound Power Levels, db re 10E-12 Watts

	Discharge	Inlet	Outdoor
63 Hz	99.1	95.1	85.9
125 Hz	94.9	83.2	87.9
250 Hz	81.0	72.6	85.6
500 Hz	73.1	64.1	84.4
1000 Hz	70.1	62.2	82.8
2000 Hz	68.3	61.2	78.5
4000 Hz	73.0	62.5	74.9
8000 Hz	74.3	64.3	72.5
A-Weighted	82.7	73.9	87.0

Advanced Acoustics**Advanced Acoustics Parameters**

1. Unit height above ground: 30.0 ft
 2. Horizontal distance from unit to receiver: 50.0 ft
 3. Receiver height above ground: 5.7 ft
 4. Height of obstruction: 9.0 ft

EXHIBIT F**Performance Summary For RT-3**

Project: M16025 - St. Edna Catholic Church
 Prepared By:

09/22/2017
 02:05PM

5. Horizontal distance from obstruction to receiver: **4.5** ft
 6. Horizontal distance from unit to obstruction: **0.0** ft

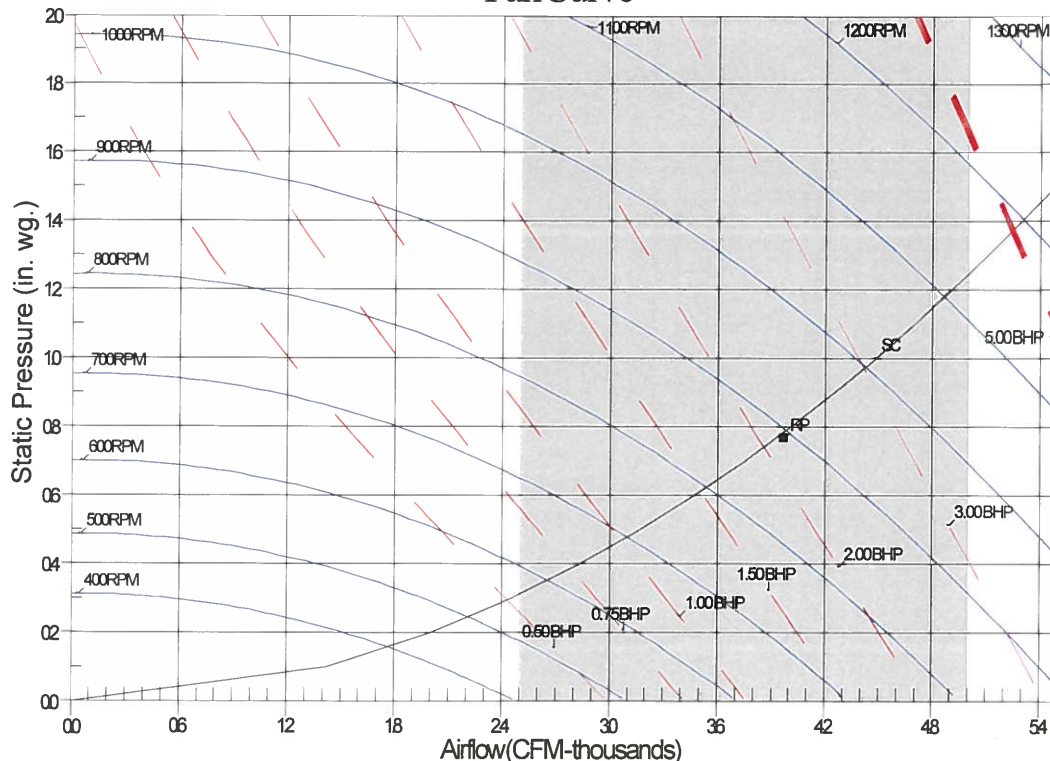
Detailed Acoustics Information

Octave Band Center Freq. Hz	63	125	250	500	1k	2k	4k	8k	Overall
A	85.9	87.9	85.6	84.4	82.8	78.5	74.9	72.5	92.9 Lw
B	59.7	71.8	77.0	81.2	82.8	79.7	75.9	71.4	87.3 LwA
C	48.2	50.3	47.4	45.2	42.2	36.1	30.4	25.6	54.5 Lp
D	22.0	34.2	38.8	42.0	42.2	37.3	31.4	24.5	47.0 LpA

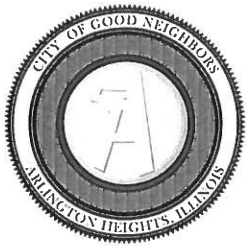
Legend

- A Sound Power Levels at Unit's Acoustic Center, Lw
 B A-Weighted Sound Power Levels at Unit's Acoustic Center, LwA
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 D A-Weighted Sound Pressure Levels at Specific Distance from Unit, LpA

Calculation methods used in this program are patterned after the ASHRAE Guide; other ASHRAE Publications and the AHRI Acoustical Standards. While a very significant effort has been made to insure the technical accuracy of this program, it is assumed that the user is knowledgeable in the art of system sound estimation and is aware of the tolerances involved in real world acoustical estimation. This program makes certain assumptions as to the dominant sound sources and sound paths which may not always be appropriate to the real system being estimated. Because of this, no assurances can be offered that this software will always generate an accurate sound prediction from user supplied input data. If in doubt about the estimation of expected sound levels in a space, an Acoustical Engineer or a person with sound prediction expertise should be consulted.

FanCurve

RPM=898 BHP=2.13 Maximum RPM=1400 Maximum BHP=4.90
 Note: Please contact application engineering for selections outside the shaded region.
 SC-System Curve RP-Rated Point



Village of Arlington Heights Building & Life Safety Department

Interoffice Memorandum

To: Sam Hubbard, Development Planner, Planning and Community Development
From: Deb Pierce, Plan Reviewer, Building & Life Safety Department
Subject: 2525 N Arlington Heights Rd. – St Edna's Church – PUD Amendment and Parking Variation, with Addition
PC#: 17-010 - Round 2
Date: October 9, 2017

Sam:

I have reviewed the documents for the project indicated above and have the following comments:

1. Egress width for other egress components (not stairways) shall be .2 inches per occupant. Recalculate the egress capacity for each exit. 2009 IBC 1005.1

RECEIVED
OCT 10 2017
PLANNING & COMMUNITY
DEVELOPMENT DEPARTMENT



Village of Arlington Heights, IL
Department of Building & Life Safety

Fire Safety Division



Date: 10/12/2017

P.C. Number: 17-010 Round No. 2

Project Name: St. Edna P.U.D.

Project Location: 2525 N. Arlington Heights Rd.

Planning Department Contact: Sam Hubbard, Planning and Community Development

The information provided is conceptual only and subject to a formal plan review.

1. No additional comments.

RECEIVED
OCT 13 2017
PLANNING & COMMUNITY
DEVELOPMENT DEPARTMENT

Date 10-12-17

Reviewed By: 
Fire Safety Supervisor

Memorandum

To: Sam Hubbard, Planning and Community Development
From: Cris Papierniak, Assistant Director of Public Works
Date: October 17, 2017
Subject: 2525 N Arlington Heights Road, P.C. #17- 010 Round 2

With regard to the proposed PUD Amendment at 2525 N Arlington Heights Road, I have the following comments:

- 1) Illustrate on Civil Plan Sheet C-4 where the meter vault will be placed.
- 2) Provide a detail specific to the water meter vault.

If you have any questions, please feel free to contact me.

C. file

RECEIVED
OCT 18 2017
PLANNING & COMMUNITY
DEVELOPMENT DEPARTMENT

PLAN COMMISSION PC #17-010
St. Edna's New Parish Center Addition
2525 N. Arlington Heights Road
PUD Amendment, Parking Variation
Round 2

23. The responses made by the petitioner to comments #11-14, 16, 17 & 19-21 are acceptable.
24. The response made by the petitioner to comment #15 is not acceptable. To date, no drainage calculation have been provided. Provide a drainage narrative.
25. The response made by the petitioner to comment #18 is not acceptable. The following statement was communicated to Eriksson Engineering on September 27, 2017: "The fire lane pavement composition requirements refer to the sections of new parking lot pavement that would connect the existing parking lot to the existing fire lane. All that is needed for the existing fire lane is the Autoturn exhibit to verify that the movements can be accommodated."
26. The response made by the petitioner to comment #22 is noted. The lighting information for the building mounted fixtures was not included in the submittal.


James J. Massarelli, P.E. Date 10/17/17
Director of Engineering

Needed at Final Engineering:
Engineer's Estimates
OUMA
Stormwater details: Freeboard? HWL?, etc.

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DEVELOPMENT DEPARTMENT

ARLINGTON HEIGHTS POLICE DEPARTMENT

Community Services Bureau

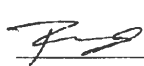
DEPARTMENT PLAN REVIEW SUMMARY

St. Edna's Church – 2525 N. Arlington Heights Road
PUD, Parking Variation

Round 2 Review Comments

10/13/2017

1. **Character of use:**
Nothing Further.
2. **Are lighting requirements adequate?**
Nothing Further.
3. **Present traffic problems?**
Nothing Further.
4. **Traffic accidents at particular location?**
Nothing Further.
5. **Traffic problems that may be created by the development.**
No further comments.
6. **General comments:**
 - We understand that neighbors are welcomed and allowed to utilize St. Edna's property. No trespassing signage protects the property owner in the instance criminal complaints need to be signed for unauthorized persons on the property.
 - Consider posting no trespassing / loitering/ no un-authorized use signage. The Arlington Heights Police Dept. has and utilizes trespass warning forms under qualifying circumstances when requested by property management.

 #272

Brandi Romag, Crime Prevention Officer
Community Services Bureau

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Arlington Heights Fire Department Plan Review Sheet

P. C. Number 17-010

Project Name

St. Edna's

Project Location

2525 N. Arlington Heights Road

Planning Department Contact Sam Hubbard

General Comments

Round 2

No Comments at this time.

**NOTE: PLAN IS CONCEPTUAL ONLY
SUBJECT TO DETAILED PLAN REVIEW**

Date October 16, 2017

Reviewed By: LT. Mark Aleckson

Arlington Heights Fire Department

Memo

To: Sam Hubbard, Development Planner
From: Jeff Bohner, Health Officer *JB*
Date: October 12, 2017
Re: St. Edna's PUD amendment- PC #17-0010

This Department has reviewed the re-submittal for St. Edna's PUD amendment, and have no further comments.

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DEVELOPMENT DEPARTMENT

Planning & Community Development Dept. Review

October 17, 2017



REVIEW ROUND 2

Project: 2525 N. Arlington Heights Rd.
St. Edna's PUD Amendment

Case Number: PC 17-010

General:

20. The response to comments #8 through #19 are acceptable.

21. Per Section 11.8 of Chapter 28, 12 bicycle parking spaces are required for the Church. Please verify if the Church has any existing bicycle parking spaces on site, and if so, please outline how many spaces are on the property. If the Church does not have any spaces, 12 spaces must be added or relief from the code requirement must be requested.

22. The response to comment #7 is noted. Approval of the following actions is required:

- a) Planned Unit Development (PUD) Amendment to Ordinance 02-005 and Ordinance 13-072 to allow for the construction of a 13,425 sq. ft. parish center building addition.
- b) A variation from Chapter 28, Section 11.4, Schedule of Required Parking, to allow a reduction to the minimum number of required parking stalls from 627 to 377 spaces.

23. The parking calculations for the development are shown below:

Building	Uses	# of Seats/Square Footage	Parking Ratio	Parking Required
Church	Nave	995	1 space/5 seats	199
	Choir	35	1 space/5 seats	7
	Narthex	130	1 space/5 seats	26
	Community Room	990	30% of occupancy	20
Doherty	Multi-purpose Rooms	5,835	30% of occupancy	117
Hurley	Offices	4,485	1 space/300 sq. ft.	15
	Multi-purpose Rooms	4,158	30% of occupancy	83
Parish Center	Multi-purpose Rooms	8,014	30% of occupancy	160
TOTAL REQUIRED				627
TOTAL PROVIDED				377
SURPLUS/(DEFICIT)				250

Prepared by:

[Signature]

St. Edna's
2525 N. Arlington Heights Road
P.C. 17-010
October 16, 2017

Landscaping

- 1) Provide additional landscaping adjacent to the proposed parking lot on the east side.
Please provide 3 or 4 additional upright junipers at the end of the drive aisle between the Hick Yews.

PLAN COMMISSION PROJECT TIMELINE

Project Name: St. Edna's Catholic Church
PC Number: 17-010
Location: 2525 N. Arlington Heights Road
Requested Action:

1. Amendment to PUD Ordinance #02-005
2. Chapter 28, Section 11.4, Schedule of Required Parking, to allow 377 parking spaces where code requires 627 parking spaces.

	Date	# of Business Days
Plat and Sub Committee Meeting	11/18/15	-
Awaiting Petitioner PC Application	08/30/17	447
PC Application Submittal Date	08/30/17	-
1 st Round Department Comments	09/14/17	10
Petitioner's Response – 1 st Round	10/05/17	15
2 nd Round Department Comments	10/17/17	8
PC Hearing	10/25/17	39 days from application date
Village Board	11/20/17	17
Anticipated Village Board Ord. Adoption	12/04/17	8



Item: Closed Session

Department: Village Manager's Office

Request for Closed Session per 5 ILCS 120/2(c)(21): Discussion of minutes lawfully closed, whether for purposes of approval of the minutes or the semi-annual review of the minutes

- and -

5 ILCS 120/2(c)(1): Appointment, employment, compensation, discipline, performance or dismissal of specific employees of the public body or legal counsel

Bid Section

Item:

Bid Opening Date:

Account Numbers:

Total Budget for Specific Item:

Bid Amount: