VILLAGE OF PALATINE

VILLAGE HALL - COUNCIL CHAMBERS
200 E. WOOD STREET
PALATINE, IL 60067-5339 – (847) 359-9050
http://www.palatine.il.us

VILLAGE COUNCIL & COMMITTEE OF THE WHOLE

AGENDA

APRIL 11, 2022

Regular Meeting **7:00 PM**

I. ROLL CALL

II. PLEDGE TO THE FLAG

III. APPROVAL OF MINUTES

1. Village Council & Committee of the Whole - Regular Meeting - April 4, 2022

IV. MAYOR'S REPORT

1. As Submitted

V. RECESS TO THE COMMITTEE OF THE WHOLE

VI. COMMITTEE OF THE WHOLE

A. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE

GREG SOLBERG, CHAIRMAN

1. 607, 613, and 623 E. Algonquin Road Development (Council District: Two)

   A. Consider Ordinances and a Resolution Granting Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development Approvals for the Properties located at 607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road

   B. Consider a Resolution of Support for the Filing of a 6B Cook County Tax Classification Application for the Property Located at 623 E. Algonquin Road

2. As Submitted

B. INFRASTRUCTURE & ENVIRONMENT COMMITTEE

TIM MILLAR, CHAIRMAN

1. Consider Award of Contracts for Watermain Replacement and Engineering Services

   A. Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 2 Project (Council District: Two)

   B. Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 3 Project

   C. Consider a Motion Authorizing the Village Manager to Execute a Proposal for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects

2. As Submitted

C. POLICE POLICY & CODE SERVICES COMMITTEE

KOLLIN KOZLOWSKI, CHAIRMAN

1. Ordinance Amending Chapter 3 - Alcoholic Beverages

2. As Submitted

D. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE

DOUG MYSLINSKI, CHAIRMAN

1. Authorize Village Manager to Execute a Contract for Replacement Storage Arrays

2. As Submitted

E. BUSINESS FINANCE & BUDGET COMMITTEE

BRAD HELMS, CHAIRMAN

1. Consider an Ordinance Amending the Village of Palatine's CY 2021 Budget (4th Quarter Budget Adjustments)

2. Consider an Ordinance Amending the Village of Palatine's CY 2022 Budget (1st Quarter Budget Adjustments)

3. As Submitted

F. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE

SCOTT LAMERAND, CHAIRMAN

1. As Submitted

VII. RECONVENE THE VILLAGE COUNCIL MEETING

VIII.CONSENT AGENDA

All items are considered to be routine by the Village Council and will be enacted by one motion, with waiver of first reading. There will be no separate discussion of these items unless a Council Member so requests, in which event the item will be removed from the Consent Agenda and considered in its normal sequence on the agenda.

1. Consider Ordinances and a Resolution Granting Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development Approvals for the Properties located at 607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road (Council District: Two)

2. Consider a Resolution of Support for the Filing of a 6B Cook County Tax Classification Application for the Property Located at 623 E. Algonquin Road (Council District: Two)

3. Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 2 Project (Council District: Two)

4. Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 3 Project

5. Consider a Motion Authorizing the Village Manager to Execute a Proposal for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects

6. Ordinance Amending Chapter 3 - Alcoholic Beverages

7. Authorize Village Manager to Execute a Contract for Replacement Storage Arrays

8. Consider an Ordinance Amending the Village of Palatine's CY 2021 Budget (4th Quarter Budget Adjustments)

9. Consider an Ordinance Amending the Village of Palatine's CY 2022 Budget (1st Quarter Budget Adjustments)

10. Motion to Accept and Place on File the Village of Palatine's First Quarter 2022 Financial Report

11. Ordinance Amending Chapter 11 - Licenses, Permits and Business Regulations and Chapter 12 - Offenses and Miscellaneous Provisions

12. Consider a Resolution Releasing the Moyer Estates Subdivision Public Improvement Letter of Credit at 305 N. Clyde Avenue (Council District: One)

IX. REPORTS OF STANDING COMMITTEE

A. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE

DOUG MYSLINSKI, CHAIRMAN

1. As Submitted

B. BUSINESS FINANCE & BUDGET COMMITTEE

BRAD HELMS, CHAIRMAN

1. As Submitted

C. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE

GREG SOLBERG, CHAIRMAN

1. As Submitted

D. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE

SCOTT LAMERAND, CHAIRMAN

1. As Submitted

E. INFRASTRUCTURE & ENVIRONMENT COMMITTEE

TIM MILLAR, CHAIRMAN

1. As Submitted

F. POLICE POLICY & CODE SERVICES COMMITTEE

KOLLIN KOZLOWSKI, CHAIRMAN

1. As Submitted

X. REPORTS OF THE VILLAGE OFFICERS

A. VILLAGE MANAGER

1. As Submitted

B. VILLAGE CLERK

1. As Submitted

C. VILLAGE ATTORNEY

1. As Submitted

XI. CLOSED SESSION AS REQUIRED

XII. RECOGNITION OF AUDIENCE

XIII. ADJOURNMENT

VILLAGE OF PALATINE

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VILLAGE COUNCIL & COMMITTEE OF THE WHOLE

MINUTES

APRIL 4, 2022

Regular Meeting **7:00 PM**

I. ROLL CALL – Time: 7:00 PM

Attendee Name	Title	Status	Arrived
Jim Schwantz	Mayor	Present	
Tim Millar	District 1 Councilman	Absent	
Scott Lamerand	District 2 Councilman	Present	
Doug Myslinski	District 3 Councilman	Present	
Greg Solberg	District 4 Councilman	Present	
Kollin Kozlowski	District 5 Councilman	Late	7:04 PM
Brad Helms	District 6 Councilman	Present	

Also Present:
Village Clerk Marg Duer, Village Manager Reid Ottesen, Deputy Village Manager Hadley Skeffington-Vos, Village Attorney Nicholas Standiford, Director of Community Development Mike Jacobs, Director of Public Works Matt Barry, Police Chief Dave Daigle, Fire Chief Patrick Gratzianna, IT Director Larry Schroth, Director of Finance Paul Mehring, and Director of Human Resources Pam Jackson

II. PLEDGE TO THE FLAG – Time: 7:00 PM

Mayor Schwantz invited everyone to stand and join him in the Pledge to the Flag.

III. APPROVAL OF MINUTES – Time: 7:00 PM

1. Village Council & Committee of the Whole - Regular Meeting - March 14, 2022 - **Accepted**

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Greg Solberg, District 4 Councilman
AYES:	Lamerand, Myslinski, Solberg, Kozlowski, Helms
ABSENT:	Millar

Minutes Acceptance: Minutes of Apr 4, 2022 7:00 PM (APPROVAL OF MINUTES)

IV. MAYOR'S REPORT

1. As Submitted -

Mayor Schwantz announced upcoming events:

Wednesday, April 6: 8AM-9AM
State of the Village 2022
Palatine Village Hall – Council Chambers

Thursday, April 7: 5-6:30PM
Community Meal Drive-Thru
Immanuel Lutheran Church

Friday, April 8: 6:30PM
Fremd Music Association Trivia Night
Fremd High School

Saturday, April 9: 8AM-12PM
Free Textile Recycling Event
Palatine Township

Saturday, April 9: 9:30AM-12PM
Hound Egg Hunt
Fred P. Hall Amphitheater

Saturday, April 9: 10AM-12PM
Eggstravaganza – Crafts, Games, Egg Hunt
Harvest Bible Chapel

Saturday, April 9: 3PM-5:30PM
FUMC Easter Jam
First United Methodist Church

Saturday, April 9: 3PM-5:30PM
Easter Jam – Free Family Event
First United Methodist Church

Minutes Acceptance: Minutes of Apr 4, 2022 7:00 PM (APPROVAL OF MINUTES)

V. RECESS TO THE COMMITTEE OF THE WHOLE – Time: 7:01 PM

Recess to Committee of the Whole **- Motion Carried by Voice Vote**

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Brad Helms, District 6 Councilman
SECONDER:	Scott Lamerand, District 2 Councilman
AYES:	Lamerand, Myslinski, Solberg, Kozlowski, Helms
ABSENT:	Millar

VI. COMMITTEE OF THE WHOLE

A. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE – Time: 7:02 PM

DOUG MYSLINSKI, CHAIRMAN

1. Authorize the Village Manager to Execute a Contract for Replacement Microwave Data Radio **- Approved by Voice Vote**

   IT Director Larry Schroth recommended replacing the antiquated Cambrium microwave data radios at Station 83 and awarding a contract to Orbis Solutions equipment for $44,292.04.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Greg Solberg, District 4 Councilman
AYES:	Schwantz, Lamerand, Myslinski, Solberg, Helms
ABSENT:	Millar, Kozlowski

2. As Submitted **-**

   Nothing was submitted.

B. POLICE POLICY & CODE SERVICES COMMITTEE – Time: 7:03 PM

KOLLIN KOZLOWSKI, CHAIRMAN

1. Consider an Ordinance Decreasing the Number of Class G (Beer-Wine) Liquor Licenses by One and Increasing the Number of Class D (Restaurant) Liquor Licenses by One for Pink's Shrimp at 773 N. Quentin Road **- Motion Carried by Voice Vote** (Council District: One)

   Councilman Kozlowski arrived at 7:04 PM.

   Village Manager Reid Ottesen reported Pink's Shrimp, granted a Class G

Minutes Acceptance: Minutes of Apr 4, 2022 7:00 PM (APPROVAL OF MINUTES)

Liquor License December 6, 2021, is requesting to replace it with a Class D Liquor License.

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Jim Schwantz, Mayor
AYES:	Schwantz, Lamerand, Myslinski, Solberg, Kozlowski, Helms
ABSENT:	Millar

2. As Submitted **-**

Nothing was submitted.

C. BUSINESS FINANCE & BUDGET COMMITTEE – Time: 7:04 PM

BRAD HELMS, CHAIRMAN

1. As Submitted **-**

Nothing was submitted.

D. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE – Time: 7:04 PM

GREG SOLBERG, CHAIRMAN

1. As Submitted **-**

Nothing was submitted.

E. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE – Time: 7:04 PM

SCOTT LAMERAND, CHAIRMAN

1. As Submitted **-**

Nothing was submitted.

F. INFRASTRUCTURE & ENVIRONMENT COMMITTEE – Time: 7:04 PM

TIM MILLAR, CHAIRMAN

In the absence of Chairman Millar, Vice-Chair Lamerand opened the Infrastructure & Environment Committee.

1. As Submitted **-**

Nothing was submitted.

Minutes Acceptance: Minutes of Apr 4, 2022 7:00 PM (APPROVAL OF MINUTES)

VII. RECONVENE THE VILLAGE COUNCIL MEETING – Time: 7:04 PM

Reconvene the Village Council Meeting **- Motion Carried by Voice Vote**

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Brad Helms, District 6 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Lamerand, Myslinski, Solberg, Kozlowski, Helms
ABSENT:	Millar

VIII.CONSENT AGENDA

All items are considered to be routine by the Village Council and will be enacted by one motion, with waiver of first reading. There will be no separate discussion of these items unless a Council Member so requests, in which event the item will be removed from the Consent Agenda and considered in its normal sequence on the agenda.

RESULT:	**ADOPTED BY ROLL CALL [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski, Helms

1. Consider a Motion to approve 2022 Warrant #7 **- Approved**

2. Authorize the Village Manager to Execute a Contract for Replacement Microwave Data Radio **- Approved**

3. Consider an Ordinance Decreasing the Number of Class G (Beer-Wine) Liquor Licenses by One and Increasing the Number of Class D (Restaurant) Liquor Licenses by One for Pink's Shrimp at 773 N. Quentin Road **- Approved** (Council District: One)

   Ordinance #O-29-22

4. Consider a Motion Granting a Waiver of the Village's Sound Amplification Ordinance to Permit a 'Church Picnic' Sponsored by the American Ukrainian Youth Association and the Immaculate Conception Church on June 11 - 12, 2022 at 136 E. Illinois Avenue **- Approved** (Council District: Two)

5. Consider a Resolution Releasing the Planned Development Security Deposit for Dagan Park Estates at Northwest Highway, Maple Avenue, and Franklin Avenue **- Adopted by Roll Call** (Council District: One)

   Resolution #R-5-22

Minutes Acceptance: Minutes of Apr 4, 2022 7:00 PM (APPROVAL OF MINUTES)

IX. REPORTS OF STANDING COMMITTEE – Time: 7:05 PM

A. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE – Time: 7:05 PM

DOUG MYSLINSKI, CHAIRMAN

1. As Submitted **-**

No report

B. BUSINESS FINANCE & BUDGET COMMITTEE – Time: 7:06 PM

BRAD HELMS, CHAIRMAN

1. As Submitted **-**

No report

C. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE – Time: 7:06 PM

GREG SOLBERG, CHAIRMAN

1. As Submitted **-**

No report

D. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE – Time: 7:06 PM

SCOTT LAMERAND, CHAIRMAN

1. As Submitted **-**

No report

E. INFRASTRUCTURE & ENVIRONMENT COMMITTEE – Time: 7:06 PM

TIM MILLAR, CHAIRMAN

1. As Submitted **-**

No report

F. POLICE POLICY & CODE SERVICES COMMITTEE – Time: 7:06 PM

KOLLIN KOZLOWSKI, CHAIRMAN

1. As Submitted **-**

No report

Minutes Acceptance: Minutes of Apr 4, 2022 7:00 PM (APPROVAL OF MINUTES)

X. REPORTS OF THE VILLAGE OFFICERS

A. VILLAGE MANAGER

1. As Submitted -

   No report

B. VILLAGE CLERK

1. As Submitted -

   No report

C. VILLAGE ATTORNEY

1. As Submitted -

   No report

XI. CLOSED SESSION AS REQUIRED

No Closed Session requested.

XII. RECOGNITION OF AUDIENCE

No one came forward.

XIII. ADJOURNMENT – Time: 7:06 PM

Adjourn the Village Council Meeting **- Motion Carried by Voice Vote**

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Brad Helms, District 6 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Schwantz, Lamerand, Myslinski, Solberg, Kozlowski, Helms
ABSENT:	Millar

Minutes Acceptance: Minutes of Apr 4, 2022 7:00 PM (APPROVAL OF MINUTES)

Consider Ordinances and a Resolution Granting Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development Approvals for the Properties located at 607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road

BACKGROUND:
The Village Council conditionally approved the Preliminary Planned Development and Preliminary Plat of Subdivision for the Logistics Property Company (LPC) development on Algonquin Road in December 2021. Since that time, the Petitioner completed the Final Engineering and Architecture plans, which were reviewed by the Plan Commission on March 15th. Therefore, the Petitioner is requesting approval of the following:

1. **Final Planned Development;**
2. **Final Plat of Subdivision; and**
3. **Rezoning to Planned Development.**

KEY ISSUES:

- The Subject Property is 28.55 acres and is now owned by LPC. The Petitioner would develop a 367,696 square foot warehouse, distribution, or light manufacturing building, with associated parking and truck docks (36 initially proposed, with 24 potential additional future docks).

- As a condition of the Preliminary Planned Development, the landscaping/screening plans were to be revised to include: additional evergreens in the front yard area, an additional berm along Algonquin Road, an evaluation of off-site screening for 522 E. Algonquin Road (3-story condominium building) and the College Hill townhouse development to the northeast.

    - LPC prepared off-site landscaping and screening plans for both residential developments and worked to reach screening agreements with both HOA's. The 522 property agreed to the additional landscaping and screening and indicated this at the Plan Commission meeting. The plans include a 6-foot fence along Algonquin Road (352 linear feet) and additional landscape plantings. The College Hill property agreed to the off-site landscaping on March 30th, which includes 7 additional wintergreen arborvitae plantings at the entrance to College Hill Drive (from Algonquin Road) and along the driveway off College Hill to provide additional noise and light screening.

- With the Final Planned Development, the plans were revised to include the following landscaping/screening improvements:

    - The evergreen plantings in the front yard were increased in height to 8-feet (6-feet was initially proposed) and the number of evergreens was increased from 38 to 87.

- The plans also increased the berm height along Algonquin Road, up to 12 feet in height (the truck docks are now approximately 13 feet below the berm, with the grade differential). Two screening walls framing the eastern access to the site are also proposed.

- The engineering plans evaluated the potential to extend the sidewalk on the north side of Algonquin Road. The installation would be within a drainage swale and was not deemed to be feasible. The plans were revised to include a sidewalk along the Subject Property's Algonquin Road frontage.

ALTERNATIVES:

1. Approve the Final Planned Development, Final Subdivision, and Rezoning to Planned Development, for the proposed LPC development.
2. Do not approve the Final Planned Development, Final Subdivision, and Rezoning to Planned Development for the proposed LPC development.

RECOMMENDATION:

Public Hearing:	Plan Commission - March 15, 2022
Residents testifying:	7 Comments: Agreement with the off-site landscaping and screening improvements at 522 E. Algonquin Road, status of Planned Development approval, traffic and noise questions/concerns.
Vote:	The Plan Commission voted unanimously to approve the requested Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development and Staff concurs.

ACTION REQUIRED:

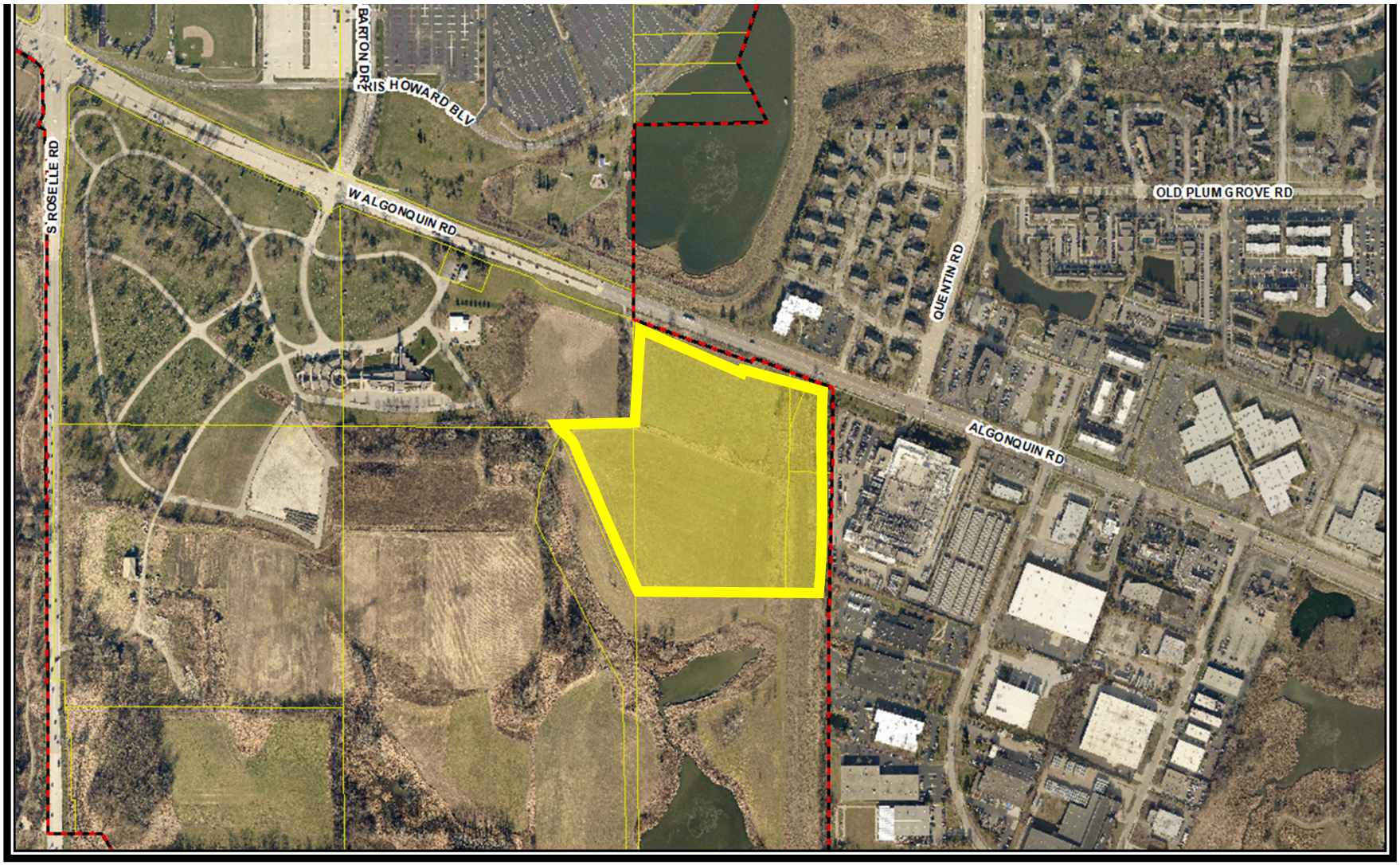
A motion to approve the Final Planned Development, Final Plat of Subdivision, and Rezoning from R-1 to Planned Development at 607, 613, 623 (part of) E. Algonquin Road, and 1825 (part of) S. Roselle Road.

ATTACHMENTS:

- Aerial Map
- ORD - FPD - LPC
- EXHIBIT - Legal Description - LPC Planned Development
- EXHIBIT- Final Site Plan
- EXHIBIT - Revised Final Engjneering Plans
- EXHIBIT - Initial and Final ARCH Renderings
- EXHIBIT - Final LPC ARCH Plans
- EXHIBIT - Screening Wall & Berm elevation
- EXHIBIT - Monument sign site plan and elevation
- RES - LPC I SUB

- EXHIBIT - Final Plat of Subdivision
- EXHIBIT - Revised Final Engineering Plans
- REZ - ORD - LPC
- EXHIBIT - Legal Description - LPC rezoning ordinance
- Off-site screening and landscaping plan 522 E. Algonquin Road
- Initial College Hill offsite landscaping JH21117_B01_02EX
- Off-site sidewalk evaluation plan
- March 15, 2022 - Plan Commission materials - LPC development
- March 15, 2022 - Plan Commission Minutes
- Public Notice

607, 613, 623 E. Algonquin Road & 1825 S. Roselle Road.



Attachment: Aerial Map (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

ORDINANCE NO. _____

AN ORDINANCE GRANTING FINAL PLANNED DEVELOPMENT APPROVAL FOR 607, 613, & 623 (PART OF) ALGONQUIN ROAD AND 1825 (PART OF) S. ROSELLE ROAD

WHEREAS, upon petition of owners of said property, a Public Hearing was held by the Plan Commission of the Village of Palatine on March 15, 2022 and in accordance with the Zoning Ordinance of the Village of Palatine, in such case made and provided, and said Plan Commission, having made its findings in a report to the Mayor and Village Council of the Village of Palatine regarding a request for a Final Planned Development to permit a warehouse/distribution/light manufacturing development on the following legally described property:

SEE ATTACHED LEGAL DESCRIPTION

Commonly known as 607, 613, and 623 (part of) S. Roselle Road, and 1825 (part of) S. Roselle Road

PIN: # 02-33-401-024-0000, 02-33-401-025-0000, 02-33-401-026-0000 (part of), 02-33-401-027-0000 (part of), 02-33-400-004-0000 (part of)

NOW, THEREFORE, BE IT ORDAINED, by the Mayor and Village Council of the Village of Palatine, Cook County, Illinois, acting in the exercise of their home rule power:

SECTION 1: That the Preliminary Planned Development was previously approved and now Final Planned Development, subject to said Preliminary Planned Development approval, to permit a warehouse/distribution/light manufacturing development is hereby granted, subject to the following conditions:

1. **The development shall substantially conform to the engineering plans by Jacob and Heffner Associates, dated February 28, 2022, the architectural plans by Architects Plus, last revised February 7, 2022, the landscaping plans by Gary Weber Associates, dated January 21, 2022, except as such plans may be changed to conform to Village Codes and Ordinances.**

Attachment: ORD - FPD - LPC (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

2. **Uses and signage shall be governed by the Manufacturing District use lists in the Village of Palatine Zoning Ordinance (note - this includes all of the required performance standards). Sign plans shall follow the Manufacturing district sign regulations.**

3. **As a component of the Final Planned Development, a Planned Development letter of credit in an amount $325,000 shall be submitted in a manner acceptable to the Director of Planning and Zoning.**

4. **In addition to the Overall Landscape Plan dated 1/21/22, the final landscaping/screening improvements shall substantially comply with the Screen Wall Berm Rendering dated 2/21/22, the Off-Site Screening Exhibit dated 1/24/22, and any other off-site landscaping/screening improvements as agreed to between the Petitioner and adjacent property owners. The final landscape and screening improvements shall be subject to the review and approval of the Director of Planning and Zoning.**

5. **The final photometric and lighting plan shall be revised in a manner acceptable to the Village Engineer. Light shields shall be required for all lights proximate to residential properties, at the determination of the Village Engineer. The use of pole mounted fixtures should also be evaluated on the north side of the property to ensure the appropriate cut-off from any additional light spillage.**

6. **The final traffic directional signage plan shall be submitted in a manner acceptable to the Village Engineer.**

7. **Cross access easements, declarations and a Reciprocal Easement Agreement for the entire property governing the maintenance of access points, stormwater areas and any other common areas shall be submitted in a manner acceptable to the Village Attorney and Village Engineer as part of the Final Planned Development application process.**

8. **The final dumpster locations and required screening materials shall be submitted in compliance with Village Code. The screening shall be constructed of durable materials similar to those of the building and shall have solid (opaque) walls and doors. The final locations could also require the submission of a revised auto-turn, in a manner acceptable to the Director of Fire Prevention.**

9. **As a condition of the Final Planned Development and pursuant to the project narrative, the Petitioner shall submit the proposed business and operations' plans (identified tenants) for Staff review for compliance with the manufacturing use list and standards.**

Attachment: ORD - FPD - LPC (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

SECTION 2: **That the petition for final planned development, a copy of the public notice, be attached hereto and form a part of this ordinance.**

SECTION 3: **This ordinance shall be in full force and effect upon passage and approval as provided by law.**

PASSED: This ____day of _____, 2022

AYES:_____ NAYS:_____ ABSENT:_____ PASS:_____

APPROVED by me this _____day of _____, 2022

_____
Mayor of the Village of Palatine

ATTESTED and FILED in the office of the Village Clerk

this _____day of _____, 2022

_____
Village Clerk

Attachment: ORD - FPD - LPC (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

EXHIBIT – Legal Description – LPC development – 607, 613, 623 (part of) E. Algonquin Road, and 1825 (part of) S. Roselle Road

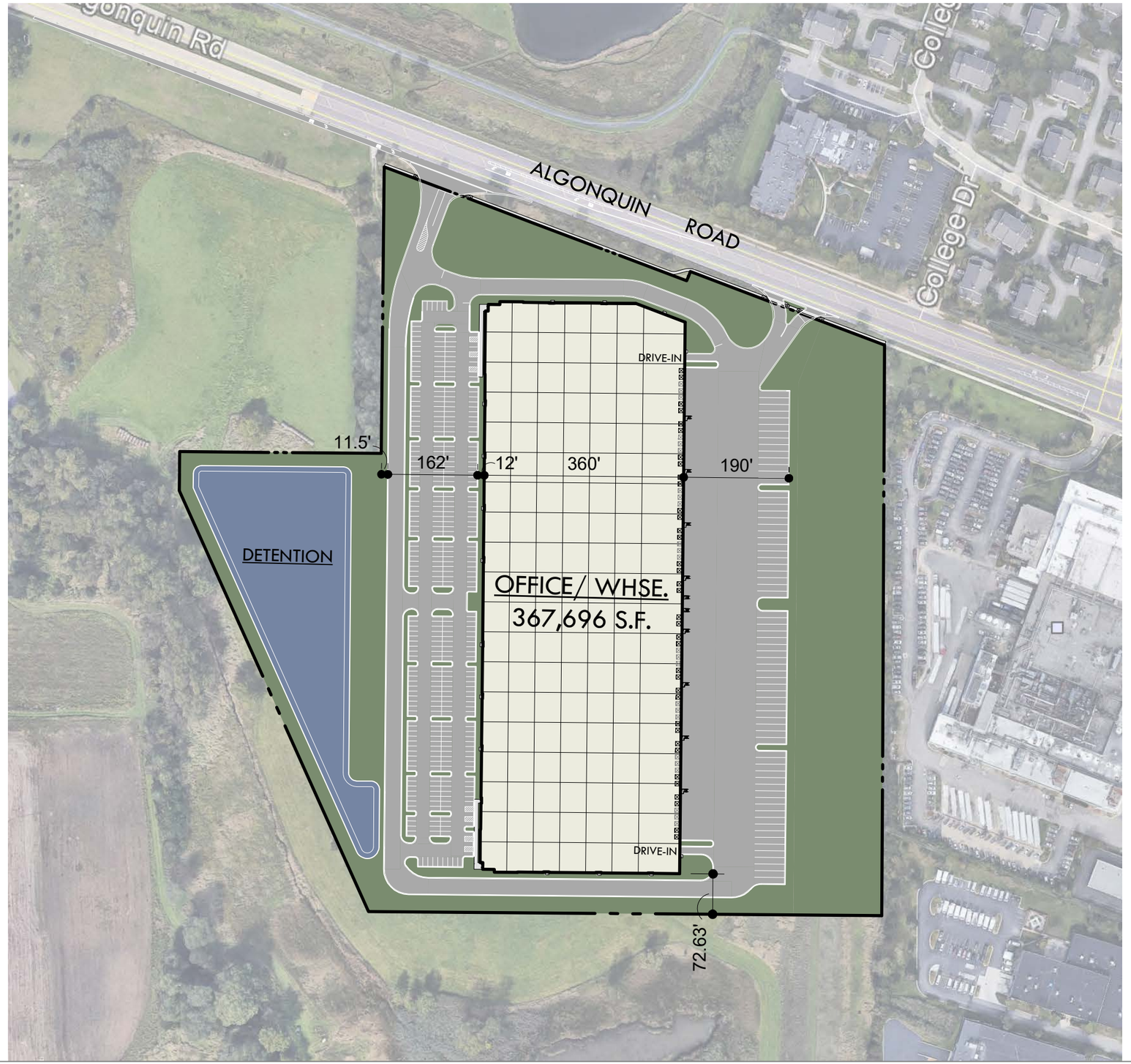
THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUN TY, ILLINOIS, BEING BOUNDED AS FOLLOWS:

BEGINNING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933, AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS - ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 374.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE

FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED ; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 926.96 FEET TO A POINT ON THE WESTERN LINE OF LOT 1 IN BRIESKE'S RESUBDIVISION IN SCHAUMBURG ACCORDING TO THE PLAT THEREOF RECORDED MAY 16, 1978, AS DOCUMENT NUMBER 24449403 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LYING ON A LINE LYING 420.75 FEET

WESTERL Y OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 00 DEGREES 15 MINUTES 52 SECONDS EAST ALONG THE WESTERN LINE OF LOT 1 IN SAID BRIESKE'S RESUBDIVISION AND ALSO ALONG THE WESTERN LINE OF LOT 1 IN THE AFORESAID NATION PIZZA SUBDIVISION 1,028.18 FEET TO THE POINT OF BEGINNING, CONTAINING 28.557 ACRES, MORE OR LESS.

Attachment: EXHIBIT - Legal Description - LPC Planned Development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



SITE DATA

SITE AREA (±28.55 AC.)	± 1,243,772
DETENTION	SEE CIVIL DRAWIN
BUILDING AREA	367,696
PARKING	
CAR PARKING PROVIDED	351 C
ACCESSIBLE CAR PARKING	12 C
TOTAL FUTURE CARS	363 C
TOTAL EXTERIOR DOCKS	
PROVIDED EXTERIOR DOCKS	36 DO
FUTURE EXTERIOR DOCKS	24 DO
TOTAL FUTURE EXTERIOR DOCKS	60 DO
TOTAL TRAILER STALLS	70 ST/
DRIVE IN OVERHEAD DOORS	2 DO(
CLEAR HEIGHT	3(

Attachment: EXHIBIT- Final Site Plan (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

SCHEME A

ALGONQUIN RO
PALATINE, ILLIN

SITE PLAN

0 50 100 200 400

1.14.2022

Architects plus designstudio, PLLC

LOGISTICS PROPERTY CO

SITE IMPROVEMENT PLANS

FOR

623 E. ALGONQUIN ROAD

PALATINE, ILLINOIS

LOGISTICS PROPERTY COMPANY

F076a
623 E. ALGONQUIN ROAD
2/28/2022

LOGISTICS PROPERTY CO

LEGEND

PROPOSED	DESCRIPTION	EXISTING
C C	STORM SEWER	C C
8W	WATER MAIN (WITH SIZE)	W
	SANITARY SEWER	
	FORCE MAIN	
E	UNDERGROUND ELECTRIC	E
OHE	OVERHEAD ELECTRIC	OHE
T	UNDERGROUND TELEPHONE	T
G	UNDERGROUND GAS	G
700	CONTOUR	700
HWL/NWL	HIGH/NORMAL WATER LEVEL	
XX	SILT FENCE	
	RIGHT-OF-WAY	
	CURB	
	DEPRESSED CURB FOR RAMP/DRIVEWAY	
	REVERSE PITCH CURB	
X	FENCE LINE	X
	GUARD RAIL	
	SANITARY MANHOLE	
	STORM MANHOLE	
	STORM INLET	
	STORM CATCH BASIN	
	CLEAN OUT	CO
	FIRE HYDRANT	
	GATE VALVE AND VAULT	
	STREET LIGHT	
	STREET LIGHT WITH MAST	
T	TRANSFORMER	T
	UTILITY POLE	
	SIGN	
	DRAINAGE DIRECTION	
	OVERFLOW ROUTE	
700.50	SPOT GRADE	701.30
FF	FINISHED FLOOR	
TF	TOP OF FOUNDATION	
G	GROUND	
EP	EDGE OF PAVEMENT	
BC	BACK/TOP OF CURB	
W	TOP OF SIDEWALK	
TW	TOP OF RETAINING WALL	
BW	BOTTOM OF RETAINING WALL	
R=	RIM FOR STRUCTURES	
R	RISER FOR SANITARY SERVICE	
I=	INVERT FOR SEWERS	

WARNING

CALL JULIE TOLL FREE 1-800-892-0123

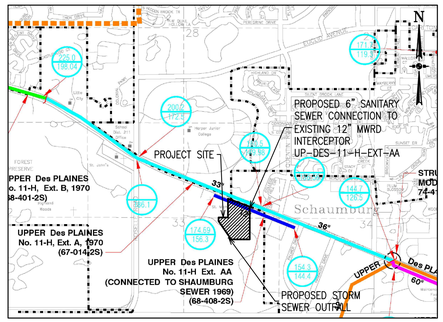
CALL BEFORE YOU DIG

(48 HOURS NOTICE REQUIRED PRIOR TO DIGGING)

811

Know what's **below.**
Call before you dig.

Municipality: PALATINE
County: COOK
Section: 33
Township: 42N
Range: 10E



LOCATION AND MWRD SEWER ROUTING MAP

1" = 2,000'

SURVEY REFERENCE NOTE:

EXISTING CONDITIONS AND TOPOGRAPHY ARE SHOWN PER 'TOPOGRAPHIC SURVEY,' DATED JUNE 24, 2014 AS PREPARED BY JACOB & HEFNER ASSOCIATES, INC.

CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES OR OMISSIONS.

BENCHMARK AND LOCATIONS:

ELEVATIONS ARE BASED ON THE VILLAGE OF SCHAUMBURG VERTICAL DATUM (NGVD).

REFERENCE BENCHMARKS:

BENCHMARK 1 – STATION NAME: VILLAGE OF SCHAUMBURG STATION 2008 – MONUMENT IS A 2" ALUMINUM CAP SET IN 6" X 36" CONCRETE FILLED PVC PIPE, MARKED '2008'. MONUMENT IS LOCATED ON THE EASTERLY SIDE OF HAMMOND DRIVE, APPROXIMATELY 270 FEET SOUTHWESTERLY OF ALGONQUIN ROAD.

ELEVATION=733.54

BENCHMARK 2 – STATION NAME: VILLAGE OF SCHAUMBURG STATION 1002 – MONUMENT IS A 2" ALUMINUM CAP GROUTED IN CONCRETE, MARKED '1002'. MONUMENT IS LOCATED IN THE CENTER MEDIAN OF QUENTIN ROAD, APPROXIMATELY 0.2 MILES NORTHEASTERLY OF ALGONQUIN ROAD.

ELEVATION=736.13

SITE BENCHMARKS:

BENCHMARK NO. 1 CUT CROSS IN EASTERN END OF CONCRETE MEDIAN IN ALGONQUIN ROAD APPROXIMATELY 1550 FEET NORTHWESTERLY OF QUENTIN ROAD. CUR CROSS IS IN CONCRETE AND 1 FOOT SOUTHEASTERLY OF THE EDGE OF GRASS IN THE MEDIAN.

ELEVATION=755.69

BENCHMARK NO. 2 CUT SQUARE IN NORTHWEST CORNER OF CONCRETE TRAFFIC SIGNAL VAULT LOCATED AT THE SOUTHEASTERN CORNER OF ALGONQUIN ROAD AND QUENTIN ROAD.

ELEVATION=739.51

NO.	DESCRIPTION	DATE
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21
REVISIONS		

DRAWING INDEX

SHEET	TITLE
C1	COVER SHEET
C2	OVERALL SITE PLAN
C3.0–C3.4	EXISTING CONDITIONS AND DEMOLITION PLAN
C4.0–C4.4	DIMENSIONAL CONTROL AND PAVING PLAN
C5.0–C5.4	GRADING PLAN
C6.0–C6.4	UTILITY PLAN
C7.0–C7.4	EROSION CONTROL PLAN
C8.0–C8.1	STORMWATER POLLUTION PREVENTION PLAN
C9.0–C9.4	DETAILS
C10	GENERAL NOTES AND SPECIFICATIONS
C11	MWRD GENERAL NOTES AND SPECIFICATIONS
C12	MWRD DRAINAGE EXHIBIT

CONTACTS

CIVIL ENGINEER
JACOB & HEFNER ASSOCIATES, INC
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, IL 60515
CONTACT: RYAN J. BLOCKER, P.E.
RBLOCKER@JACOBANDHEFNER.COM
(630) 652-4630

DEVELOPER
LOGISTICS PROPERTY COMPANY
ONE NORTH WACKER DRIVE, SUITE 1925
CHICAGO, IL, 60606
CONTACT: WIL FREVE
WFREVE@LOGISTICSPROPCO.COM
(630) 452-9516

LANDSCAPE ARCHITECT
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402 WEST LIBERTY DRIVE
WHEATON, IL 60187
CONTACT: GAGE BERGER, P.L.A.
GBERGER@GRWAINC.COM
(630) 668-7197

SURVEYOR
JACOB & HEFNER ASSOCIATES, INC
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, IL 60515
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TWOLFE@JACOBANDHEFNER.COM
(630) 652-4664

ARCHITECT
ARCHITECTS PLUS DESIGN STUDIO
1320 NELSON CIRCLE
WHEATON, ILLINOIS, 60189
CONTACT: JOHN WHITE
JWHITE@ARCHITECTSPLUSDESIGN.COM
(847) 624-4425

DRAINAGE CERTIFICATE

I, RYAN J. BLOCKER, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINAGE CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THIS DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO ADJACENT PROPERTY FOR STORMS UP TO AND INCLUDING THE ONE HUNDRED (100) YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH ALL APPLICABLE STATE, COUNTY, AND VILLAGE ORDINANCES.

Ryan J. Blocker — 2/28/22

ENGINEER — DATE
RYAN J. BLOCKER
RBLOCKER@JACOBANDHEFNER.COM

ILLINOIS REGISTRATION NO. 062-060791
EXPIRES 11/30/2023

ENGINEER ONLY CERTIFIES SHEETS: C1-C12

THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE ORIGINAL SIGNATURE, IMPRESSED SEAL, EXPIRATION DATE OF SEAL OF THE ENGINEER AND MARKED "FOR CONSTRUCTION"

LICENSED PROFESSIONAL ENGINEER — RYAN J. BLOCKER 062-060791 — OF ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

FOR REVIEW PURPOSES ONLY

Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

ALGONQUIN ROAD

EXISTING ROW

COLLEGE DRIVE

DETENTION POND
HWL=746.00'
NWL=741.00'
BOTTOM=740.00'
DETENTION REQUIRED=9.18 AC-FT
DETENTION PROVIDED=10.55 AC-FT
VOLUME CONTROL REQUIRED=1.43 AC-FT
VOLUME CONTROL PROVIDED=1.76 AC-FT

PROPOSED BUILDING
367,696 SF
FFE=754.50
SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR BUILDING FOOTPRINT

SHEET CX.1
SHEET CX.3
SHEET CX.2
SHEET CX.4

N

GRAPHIC SCALE 1"= 80'
0 40' 80' 160'

PAVEMENT HATCH LEGEND:

- DUCTLECRETE CONCRETE PAVEMENT
- HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- ALGONQUIN ROAD ASPHALT PAVEMENT
- ALGONQUIN ROAD CONCRETE PAVEMENT

SITE DATA TABLE:

PROPERTY AREA:	28.55 ACRES
DEVELOPMENT AREA:	25.15 ACRES
PROPOSED BUILDING AREA:	367,696 SQ. FT.
EXISTING ZONING:	COOK COUNTY RESIDENTIAL
PROPOSED ZONING:	M-MANUFACTURING
INTENDED USE:	OFFICE/WAREHOUSE
TOTAL CAR PARKING:	363 STALLS
STANDARD PARKING:	351 STALLS
HANDICAP ACCESSIBLE PARKING:	12 STALLS
TOTAL TRAILER PARKING:	70 STALLS
TRUCK DOCKS:	60 DOCKS
PROPOSED DOCKS:	36 DOCKS
FUTURE DOCKS:	24 DOCKS
DRIVE-IN DOORS:	2 DRIVE-IN DOORS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

OVERALL SITE PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
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www.jacobandhefner.com

F076a
1" = 80'
C2

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SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

ALGONQUIN ROAD

EXISTING ROW

COLLEGE DRIVE

EX. BUILDING

N89°21'52"W 378.60'

N73°28'24"W 484.

S00°33'31"W 516.20'

S20°38'01"W 18.04'

N89°26'29"W 364.14'

S00°33'37"W 70.67'

S89°33'00"E 926.96'

100 Year Easement Grant to The Metropolitan Sanitary District of Greater Chicago per Doc. 26075403 PARCEL 1A

100 Year Easement Grant to The Metropolitan Sanitary District of Greater Chicago per Doc. 26075403 PARCEL 1A

100 YEAR BASE FLOODPLAIN ELEVATION

741

737

736

SHEET C3.1
SHEET C3.3

SHEET C3.2
SHEET C3.4

N

GRAPHIC SCALE 1"= 80'

0 40' 80' 160'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

1. CONTRACTOR SHALL CONTACT J.U.L.I.E (1-800-832-0123 OR 811) AND/OR PRIVATE LOCATING SERVICE TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO STARTING ANY DEMOLITION AND/OR EXCAVATION. EXACT LOCATIONS OF ANY EXISTING ELECTRIC, GAS, TELEPHONE, ETC. LINES ARE UNKNOWN.
2. CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
3. CONTRACTOR SHALL OBTAIN ALL NECESSARY DEMOLITION PERMITS AND COORDINATE ALL DEMOLITION WORK WITH THE MUNICIPALITY AND OWNERS REPRESENTATIVE.
4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DEVICES SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE SITE IS OTHERWISE DISTURBED. THEY SHALL BE KEPT OPERATIONAL AND CONTINUOUSLY MAINTAINED THROUGHOUT ALL CONSTRUCTION UNTIL PERMANENT SITE STABILIZATION HAS BEEN ACHIEVED (SEE EROSION CONTROL AND STORMWATER POLLUTION PREVENTION PLANS FOR ADDITIONAL INFORMATION AND DETAILS).
5. THE PURPOSE OF THIS DRAWING IS TO CONVEY THE OVERALL SCOPE OF DEMOLITION WORK AND IT IS NOT INTENDED TO COVER ALL DETAILS OR SPECIFICATIONS REQUIRED TO COMPLY WITH GENERALLY ACCEPTED DEMOLITION PRACTICES. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE SITE, SCOPE OF WORK, AND ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO BIDDING AND COMMENCING THE WORK. THE DEMOLITION CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, OR PROCEDURES USED TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND IS LIABLE FOR THE SAFETY OF THE PUBLIC AND CONTRACTOR'S EMPLOYEES DURING THE COURSE OF THE PROJECT.
6. THE DEMOLITION PLAN IS INTENDED TO SHOW REMOVAL OF KNOWN SITE FEATURES AND UTILITIES AS SHOWN ON THE SURVEY PROVIDED TO THE ENGINEER FOR DESIGN. THERE MAY BE OTHER SITE FEATURES, UTILITIES, STRUCTURES, AND MISCELLANEOUS ITEMS BOTH BURIED AND ABOVE GROUND THAT ARE WITHIN THE LIMITS OF WORK THAT MAY REQUIRE REMOVAL FOR THE PROPOSED SITE IMPROVEMENTS BUT THAT ARE NOT SHOWN HEREON. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF SUCH ITEMS.
7. CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCING ANY SITE DEMOLITION OPERATIONS TO COORDINATE ANY DISCONNECTION OR REMOVAL OF EXISTING UTILITIES WITHIN THE PROPOSED AREA OF WORK.
8. CONTRACTOR SHALL COORDINATE ANY SHUT DOWNS OF EXISTING ROADWAYS AND UTILITIES WITH THE NECESSARY GOVERNING AUTHORITIES.
9. ALL EXISTING BUILDINGS, FOUNDATIONS, CONCRETE OR ASPHALT PAVEMENT OR WALKS, CURB AND GUTTER AND MISCELLANEOUS STRUCTURES (INCLUDING, BUT NOT LIMITED TO FENCES, POLES, YARD LIGHTS, ELECTRICAL PANELS, WHEEL STOPS AND MISCELLANEOUS DEBRIS) NOTED TO BE REMOVED SHALL BE DEMOLISHED, REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
10. VOIDS LEFT BY ANY ITEM REMOVED UNDER ANY PROPOSED BUILDINGS, PAVEMENTS, OR WALKS OR WITHIN 24" THEREOF SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT.
11. AS SOON AS DEMOLITION WORK HAS BEEN COMPLETED, FINAL GRADE OF BACKFILL IN DEMOLITION AREAS SHALL BE COMPACTED PER THE GEOTECHNICAL REPORT TO PRESENT A NEAT, WELL DRAINED APPEARANCE, AND TO PREVENT WATER FROM DRAINING UNNECESSARILY ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL PROVIDE TEMPORARY DIVERSION SWALES OR OTHER MEANS OF MAINTAINING ADEQUATE SITE DRAINAGE.
12. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE ALL TREE REMOVALS WITH THE PROJECT LANDSCAPE PLANS.
13. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
14. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT, CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
15. ALL FIRE ACCESS LANES WITHIN THE PROJECT AREA SHALL REMAIN IN SERVICE, CLEAN OF DEBRIS, AND ACCESSIBLE FOR USE BY EMERGENCY VEHICLES.
16. SEE GENERAL NOTES AND SPECIFICATIONS SHEETS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

1" = 80'

C3.0

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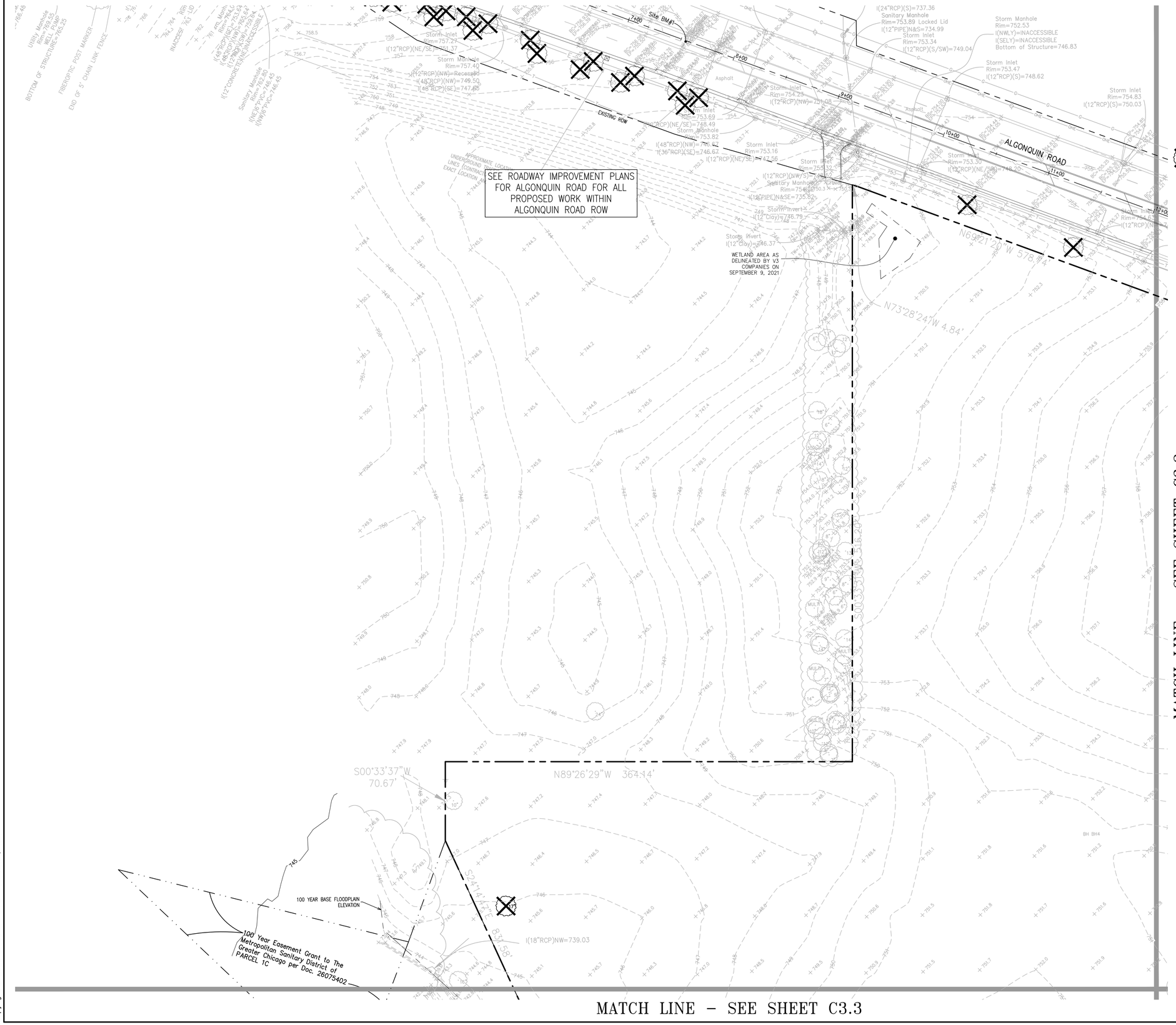
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

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F076a

1" = 40'

C3.1

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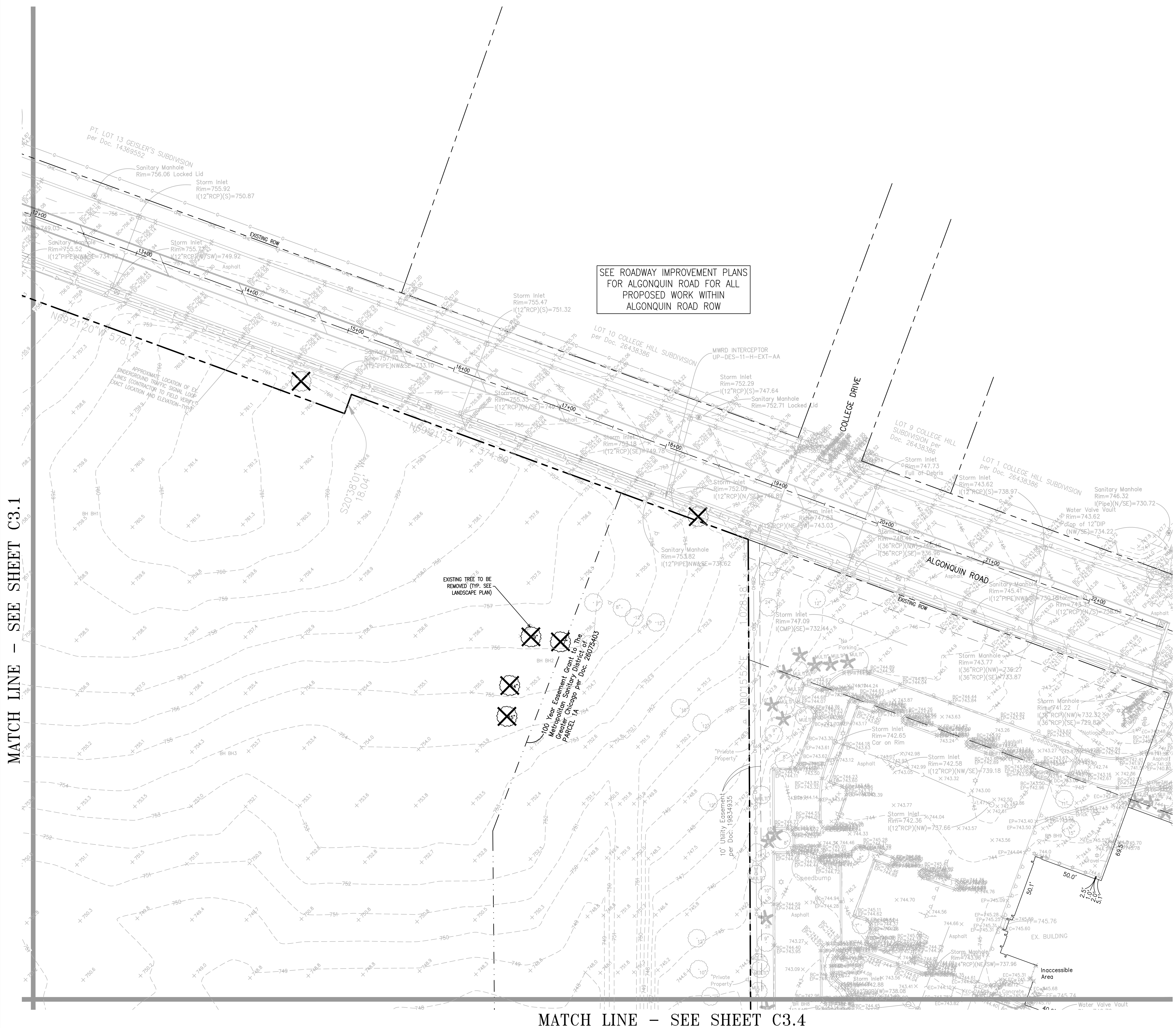

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER
ASSOCIATES
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F076a

1" = 40'

C3.2

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MATCH LINE - SEE SHEET C3.1

MATCH LINE - SEE SHEET C3.4

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

100 YEAR BASE FLOODPLAIN ELEVATION

100 Year Easement Grant to The Metropolitan Sanitary District of Greater Chicago per Doc. 26075403 PARCEL 1A

EDGE OF WATER

ADJOINER: THE CATHOLIC BISHOP OF CHICAGO PAIN-02-33-400-005

TREELINE

S89°33'00"E 926.96'

100 Year Easement Grant Metropolitan Sanitary Dist Greater Chicago per Doc. PARCEL 1A

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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F076a

1" = 40'

C3.3

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

MATCH LINE - SEE SHEET C3.2

MATCH LINE - SEE SHEET C3.3

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

No.	Description	Date
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EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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F076a

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C3.4

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

ALGONQUIN ROAD

EXISTING ROW

COLLEGE DRIVE

N69°21'20"W 578.14'

S00°33'37"W 70.67'

N89°26'29"W 364.14'

DETENTION POND
HWL=746.00'
NWL=741.00'
BOTTOM=740.00'
DETENTION REQUIRED=9.18 AC-FT
DETENTION PROVIDED=10.55 AC-FT
VOLUME CONTROL REQUIRED=1.43 AC-FT
VOLUME CONTROL PROVIDED=1.76 AC-FT

S41°41'47"E 831.55'

S89°33'00"E 926.96'

N00°15'52"E 1028.18'

SHEET C4.1
SHEET C4.3

SHEET C4.2
SHEET C4.4

PROPOSED BUILDING
367,696 SF
FFE=754.50
SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR BUILDING FOOTPRINT

EX. BUILDING

GRAPHIC SCALE 1"= 80'
0 40' 80' 160'

PAVEMENT HATCH LEGEND:

- DUCTLECRETE CONCRETE PAVEMENT
- HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
- CONCRETE SIDEWALK

CURB LEGEND:

- B6.12 CURB AND GUTTER
- REVERSE PITCH B6.12 CURB AND GUTTER
- DEPRESSED CURB AND GUTTER

NOTE:

REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:

1. ALL DIMENSIONS ARE MEASURED FROM FACE OF CURB OR CENTER OF PAVEMENT MARKING UNLESS OTHERWISE NOTED.
2. ALL CURB RADII ARE 4.5' UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL COORDINATE ALL SITE IMPROVEMENTS WITH ARCHITECTURAL PLANS.
4. ALL PROPOSED PAVEMENT MARKINGS SHALL BE 4" UNLESS OTHERWISE NOTED. PAVEMENT MARKINGS SHALL CONFORM TO ARTICLE 1095.02 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
5. BUILDING DIMENSIONS AND DOORWAY LOCATIONS ARE SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
6. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT, CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
7. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED. SEE LANDSCAPE PLANS FOR PROPOSED TREE AND PLANTING REQUIREMENTS.
8. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

SITE DATA TABLE:

PROPERTY AREA:	28.55 ACRES
PROPOSED BUILDING AREA:	367,696 SQ. FT.
TOTAL CAR PARKING:	363 STALLS
STANDARD PARKING:	351 STALLS
HANDICAP ACCESSIBLE PARKING:	12 STALLS
TOTAL TRAILER PARKING:	70 STALLS
TRUCK DOCKS:	60 DOCKS
PROPOSED DOCKS:	36 DOCKS
FUTURE DOCKS:	24 DOCKS
DRIVE-IN DOORS:	2 DRIVE-IN DOORS

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

OVERALL DIMENSIONAL CONTROL AND PAVING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a
1" = 80'
C4.0

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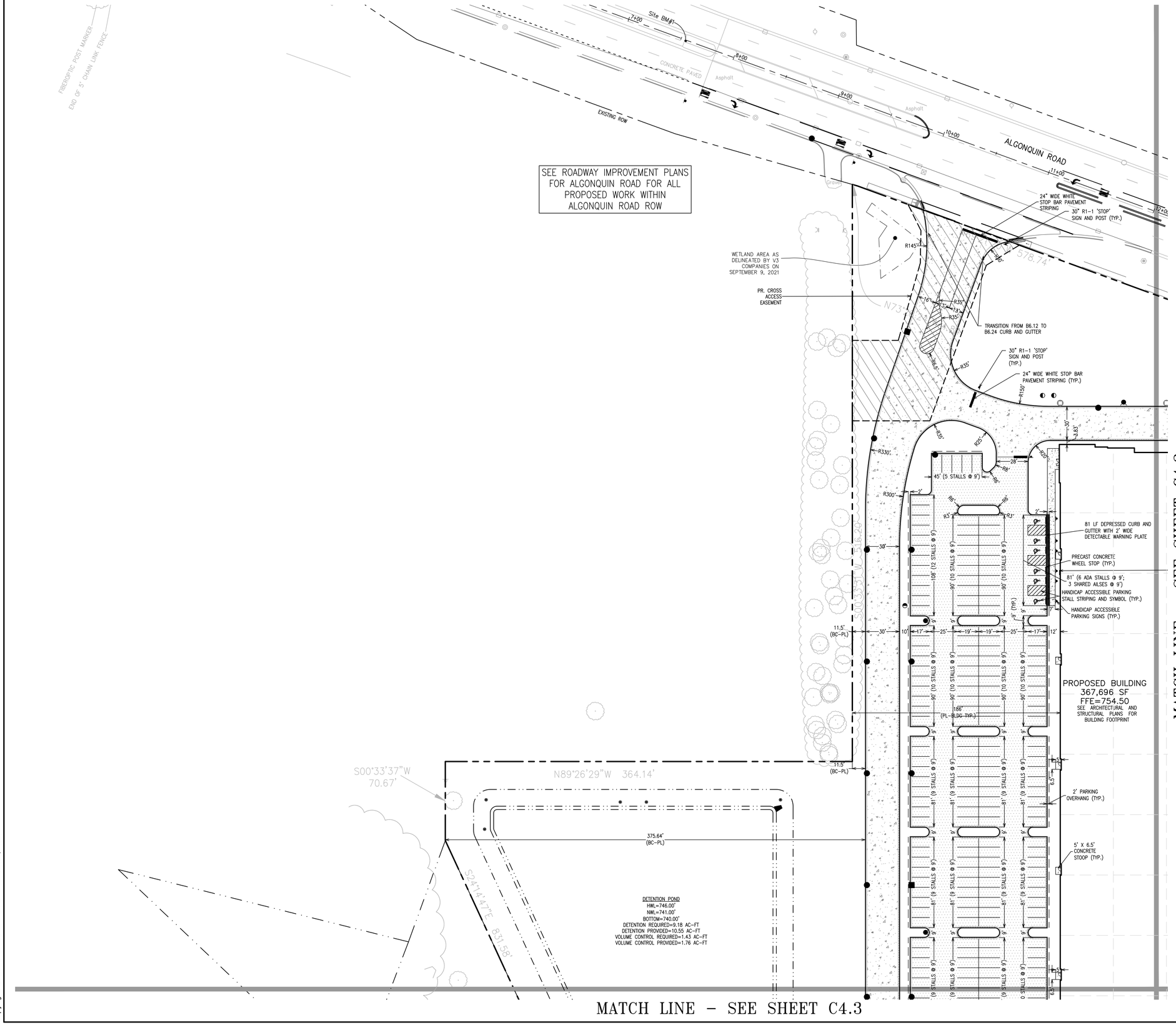
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

PAVEMENT HATCH LEGEND:

DUCTLECRETE CONCRETE PAVEMENT
4-1/2" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
6" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

CONCRETE SIDEWALK
5" PORTLAND CEMENT CONCRETE
4,000 PSI, A/E
4" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR

CURB LEGEND:

B6.12 CURB AND GUTTER

REVERSE PITCH B6.12 CURB AND GUTTER

DEPRESSED CURB AND GUTTER

NOTE:

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GEOMETRIC NOTES:

SEE SHEET C4.0 FOR ALL GEOMETRIC NOTES

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

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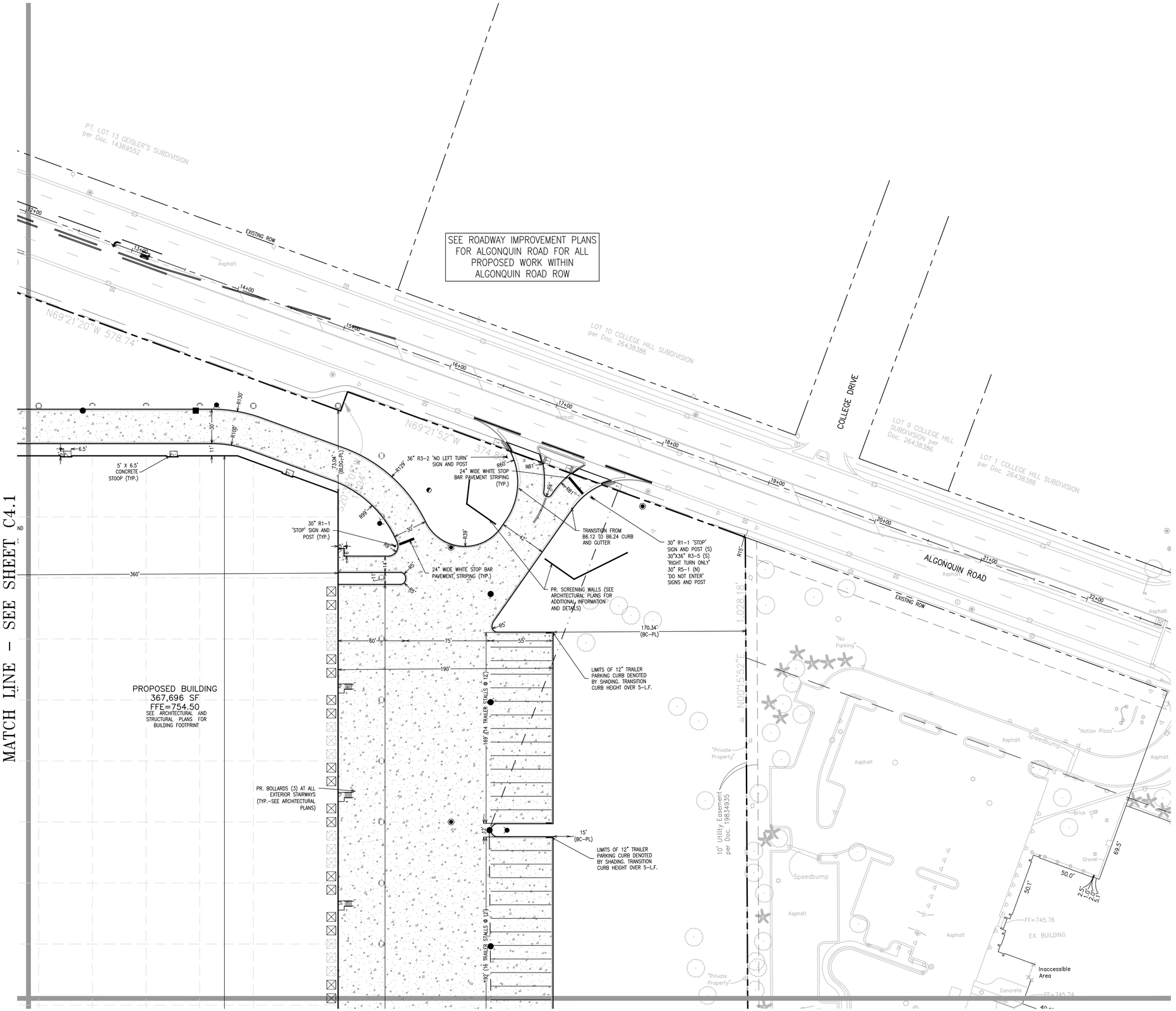

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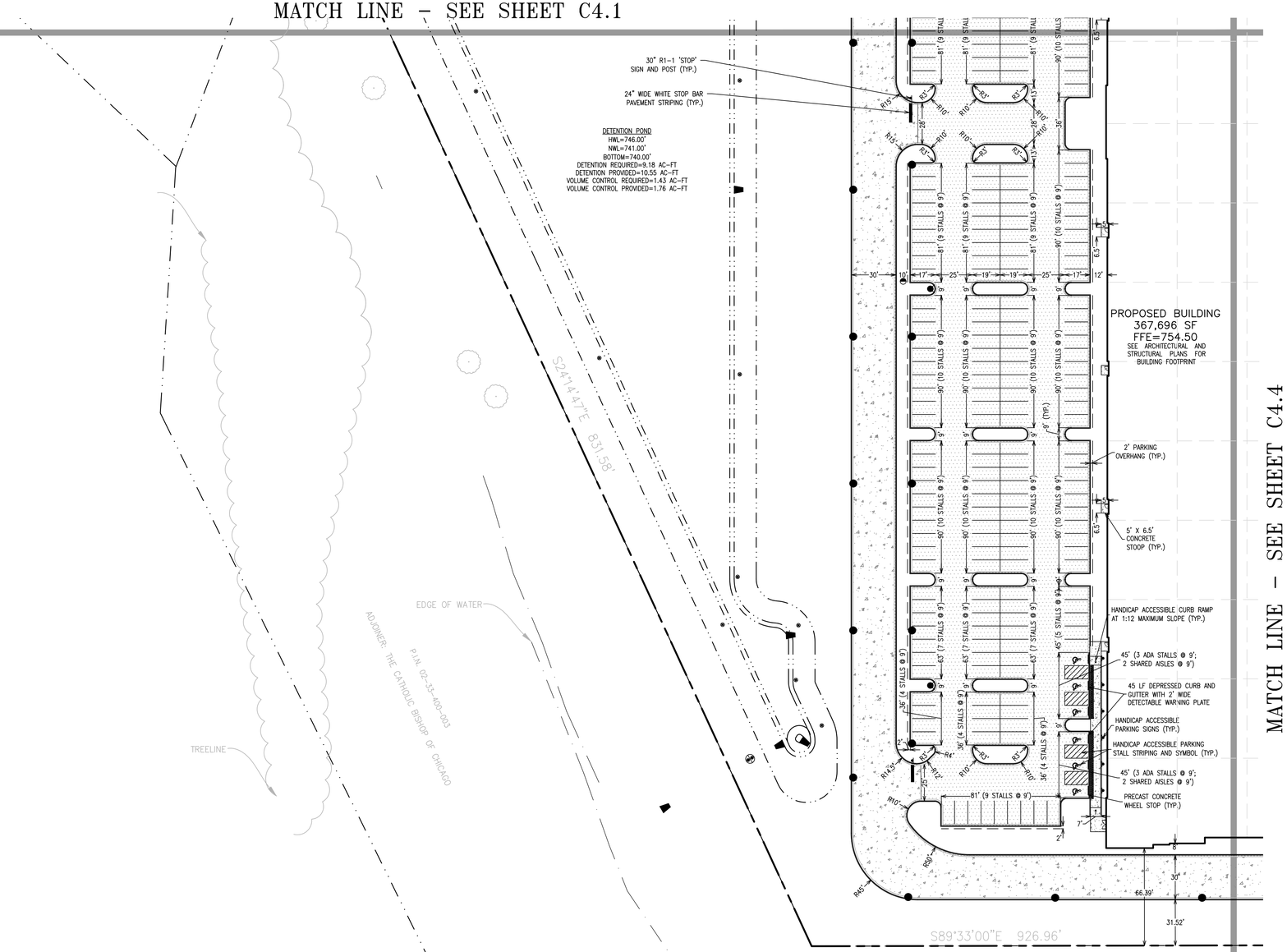

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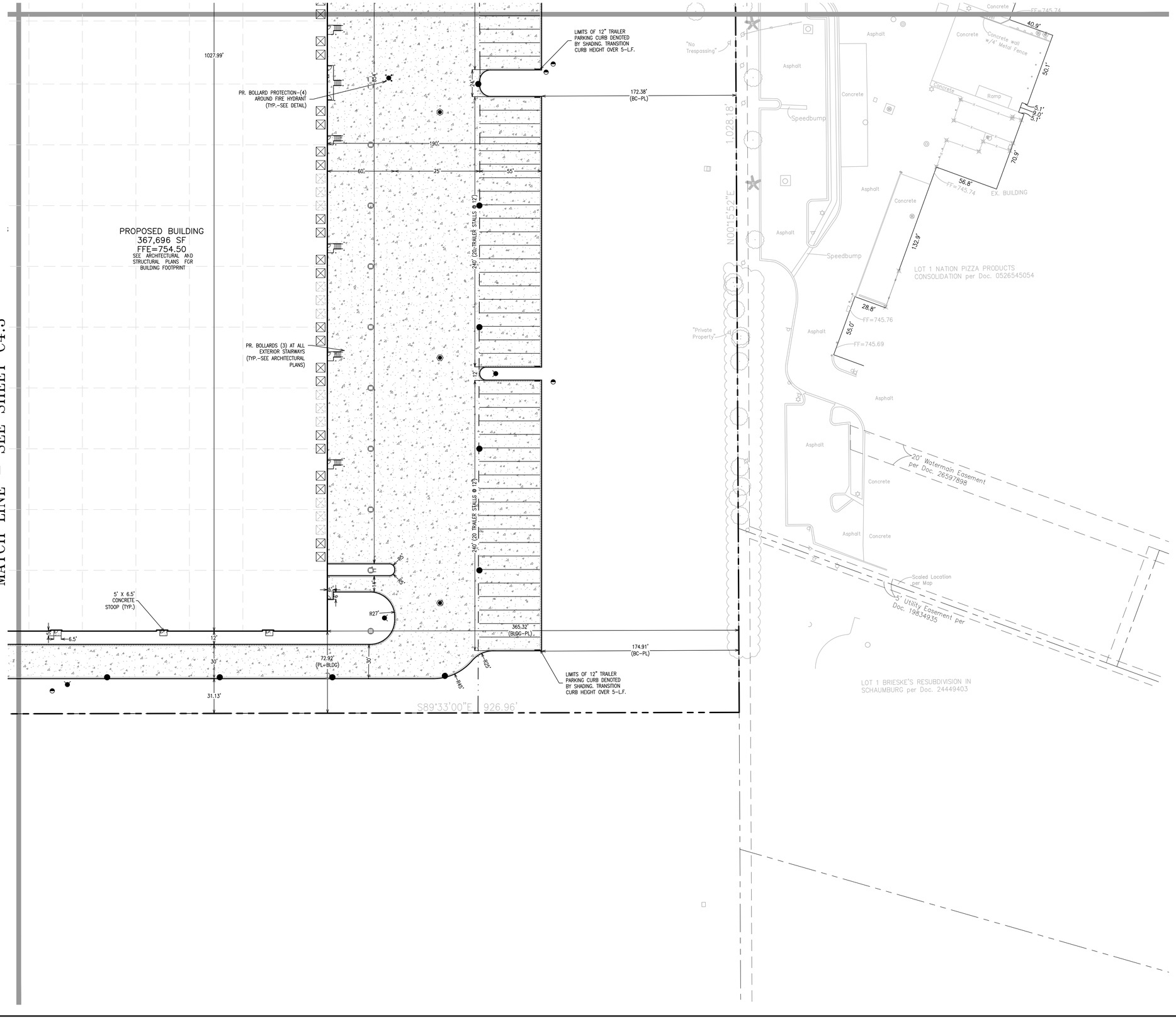
MATCH LINE - SEE SHEET C4.2

MATCH LINE - SEE SHEET C4.3



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DIMENSIONAL CONTROL AND PAVING PLAN

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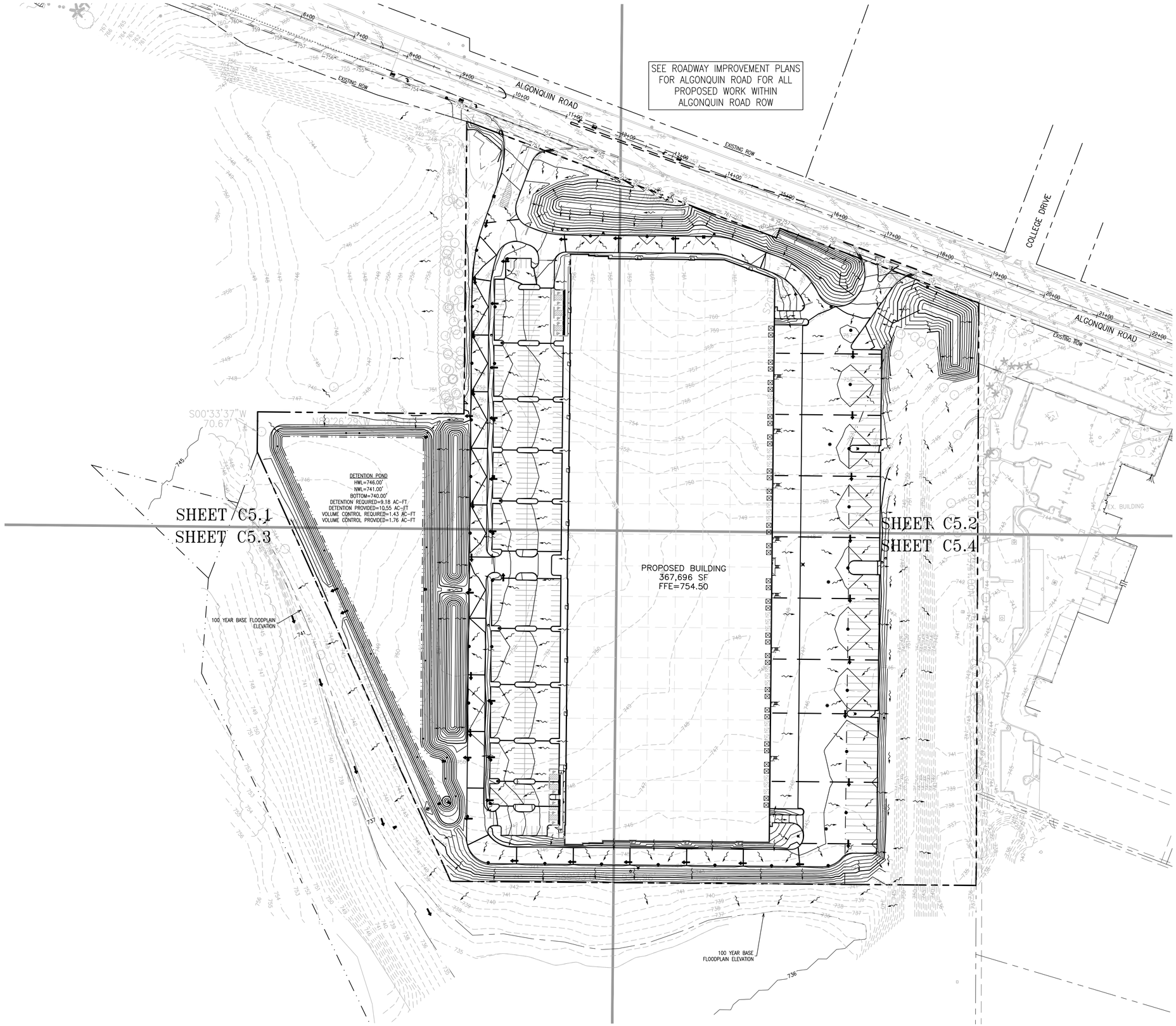

N

GRAPHIC SCALE 1"= 80'

0 40' 80' 160'

GRADING LEGEND:

EXISTING CONTOUR	—700—
EXISTING SPOT ELEVATION	× XXX.XX
PROPOSED CONTOUR	—700—
PROPOSED SPOT ELEVATION	× XXX.XX
PROPOSED GROUND/FINISHED GRADE ELEVATION	× G:XXX.XX
PROPOSED TOP OF SIDEWALK ELEVATION	× W:XXX.XX
PROPOSED CURB CUT ELEVATION	× CC=XXX.XX
PROPOSED RIM ELEVATION	× R=XXX.XX
MATCH EXISTING ELEVATION	× XXX.XX(ME)
PROPOSED TOP OF WALL ELEVATION	T/WALL:XXX.XX
PROPOSED FINISHED GRADE AT TOP OF WALL	T/WALL:XXX.XX(FG)
PROPOSED BOTTOM OF WALL ELEVATION	B/WALL:XXX.XX
PROPOSED DRAINAGE DIVIDE	
DRAINAGE DIRECTION	
OVERFLOW ROUTE	

STORMWATER MANAGEMENT SUMMARY TABLE:

DETENTION VOLUME REQUIRED	9.18 ACRE-FEET
DETENTION VOLUME PROVIDED (HWL=746.00)	10.55 ACRE-FEET
VOLUME CONTROL VOLUME REQUIRED	1.43 ACRE-FEET
VOLUME CONTROL VOLUME PROVIDED	1.76 ACRE-FEET

GRADING NOTES:

1. ALL PROPOSED SPOT ELEVATIONS ARE TOP OF PAVEMENT OR FINISHED GRADE ELEVATIONS UNLESS OTHERWISE NOTED.
2. REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.
3. CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF SITE GRADING OPERATIONS.
4. ALL PROPOSED GRADING, PAVEMENT, APRONS, CURBS, SIDEWALKS, ETC. SHALL MATCH EXISTING GRADES FLUSH.
5. MAXIMUM CROSS SLOPES AND LONGITUDINAL SLOPES FOR ALL CONCRETE SIDEWALKS AND HANDICAP ACCESSIBLE ROUTES SHALL NOT EXCEED 2% AND 5%, RESPECTIVELY.
6. MAXIMUM SLOPES WITHIN THE HANDICAP ACCESSIBLE PARKING AREAS AND ACCESSIBLE ROUTE TO THE BUILDING SHALL NOT EXCEED 2% IN ANY DIRECTION. HANDICAP ACCESSIBLE ROUTE DENOTED BY:
7. MAXIMUM GRADE DIFFERENCE BETWEEN PAVEMENT SURFACES AND ADJACENT CONCRETE SIDEWALKS FOR THE HANDICAP ACCESSIBLE ROUTE TO THE BUILDING SHALL NOT EXCEED 1/4" VERTICAL OR 1/2" WHEN BEVELED.
8. CONTRACTOR SHALL COORDINATE EXTERIOR DOORWAY AND FINISHED GRADE ELEVATIONS WITH ARCHITECTURAL AND STRUCTURAL PLANS. ALL HANDICAP ACCESSIBLE DOORWAY LOCATIONS REQUIRE AN EXTERIOR LANDING THAT IS A MINIMUM OF FIVE (5) FEET IN LENGTH WITH A SLOPE NOT EXCEEDING 2% IN ANY DIRECTION.
9. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
10. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL EXISTING STORM SEWERS WITHIN THE PROJECT AREA DURING CONSTRUCTION OPERATIONS AS NECESSARY TO PREVENT SILT OR DEBRIS ACCUMULATION.
11. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

OVERALL GRADING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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1" = 80'

C5.0

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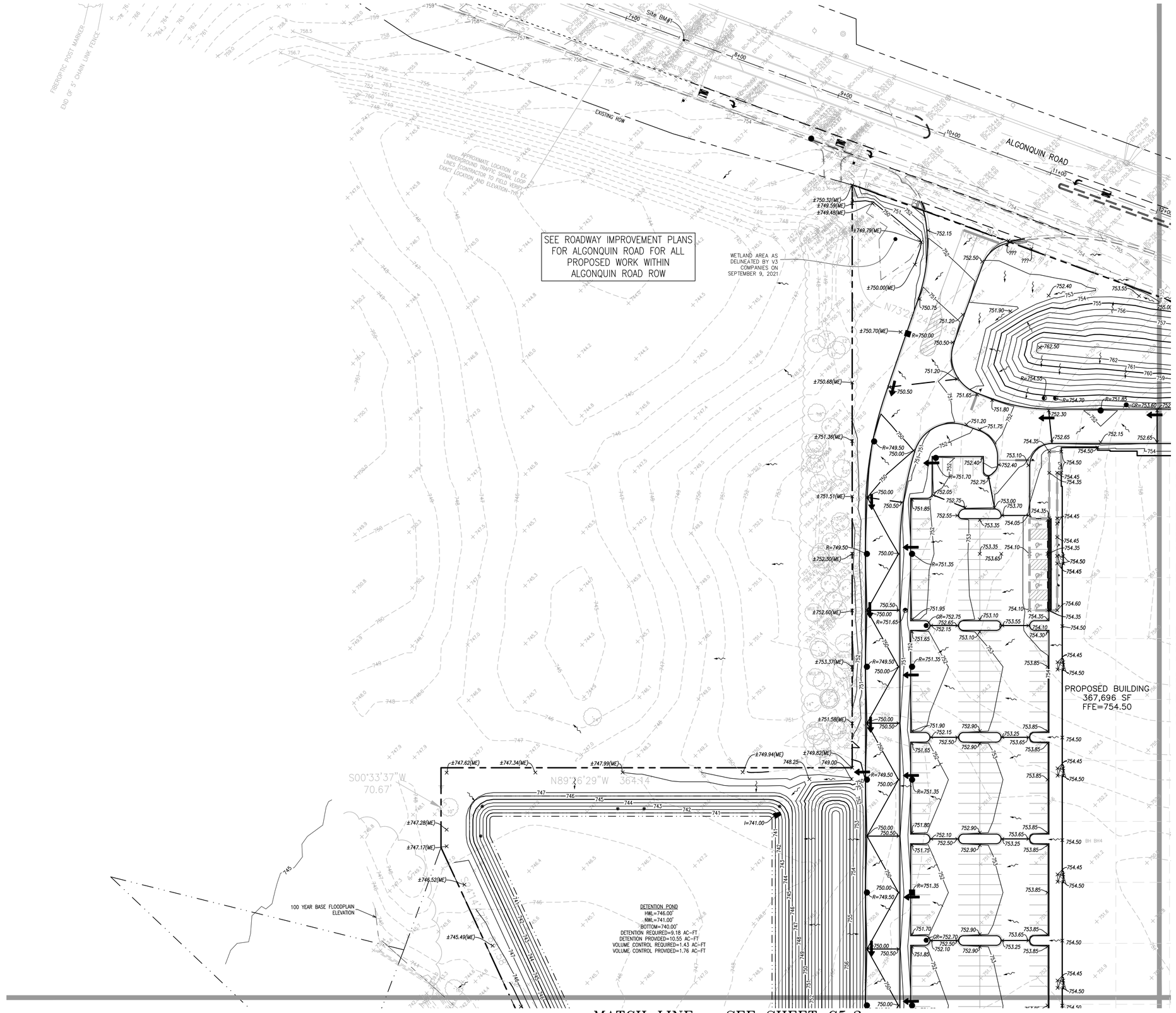

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

GRADING LEGEND:

EXISTING CONTOUR	——700——
EXISTING SPOT ELEVATION	× XXX.XX
PROPOSED CONTOUR	——700——
PROPOSED SPOT ELEVATION	× XXX.XX
PROPOSED GROUND/FINISHED GRADE ELEVATION	× G:XXX.XX
PROPOSED TOP OF SIDEWALK ELEVATION	× W:XXX.XX
PROPOSED CURB CUT ELEVATION	× CC=XXX.XX
PROPOSED RIM ELEVATION	× R=XXX.XX
MATCH EXISTING ELEVATION	× XXX.XX(ME)
PROPOSED TOP OF WALL ELEVATION	T/WALL:XXX.XX
PROPOSED FINISHED GRADE AT TOP OF WALL	T/WALL:XXX.XX(FG)
PROPOSED BOTTOM OF WALL ELEVATION	B/WALL:XXX.XX
PROPOSED DRAINAGE DIVIDE	— —
DRAINAGE DIRECTION	~~>
OVERFLOW ROUTE	➡

GRADING NOTES:

SEE SHEET C5.0 FOR ALL GRADING NOTES

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
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GRADING PLAN

623 E. ALGONQUIN ROAD

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MATCH LINE - SEE SHEET C5.1

SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

PROPOSED BUILDING
367,696 SF
FFE=754.50

MATCH LINE - SEE SHEET C5.4

N

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PROPOSED CONTOUR	700
PROPOSED SPOT ELEVATION	× XXX.XX
PROPOSED GROUND/FINISHED GRADE ELEVATION	× G:XXX.XX
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DRAINAGE DIRECTION	
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GRADING PLAN

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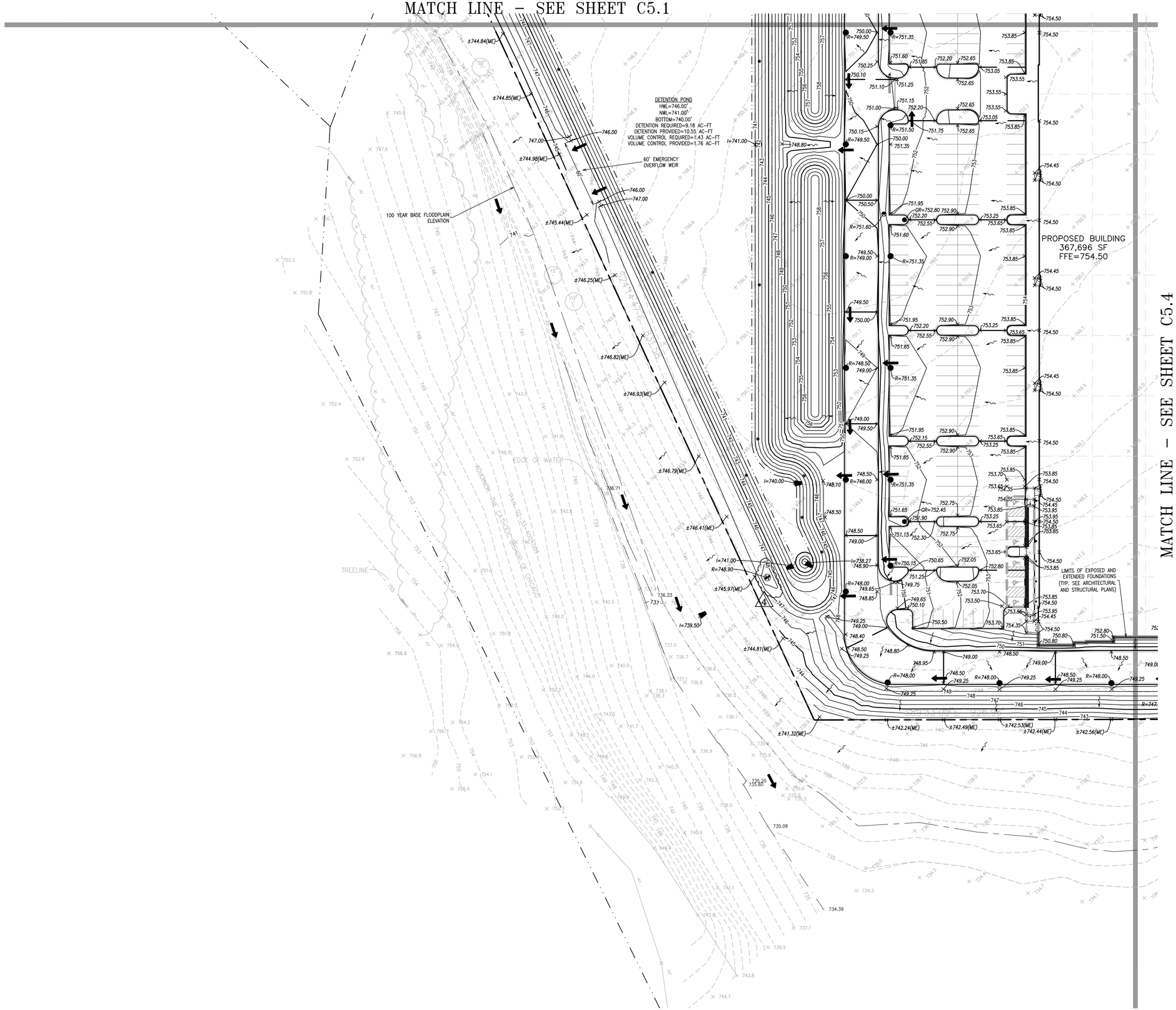

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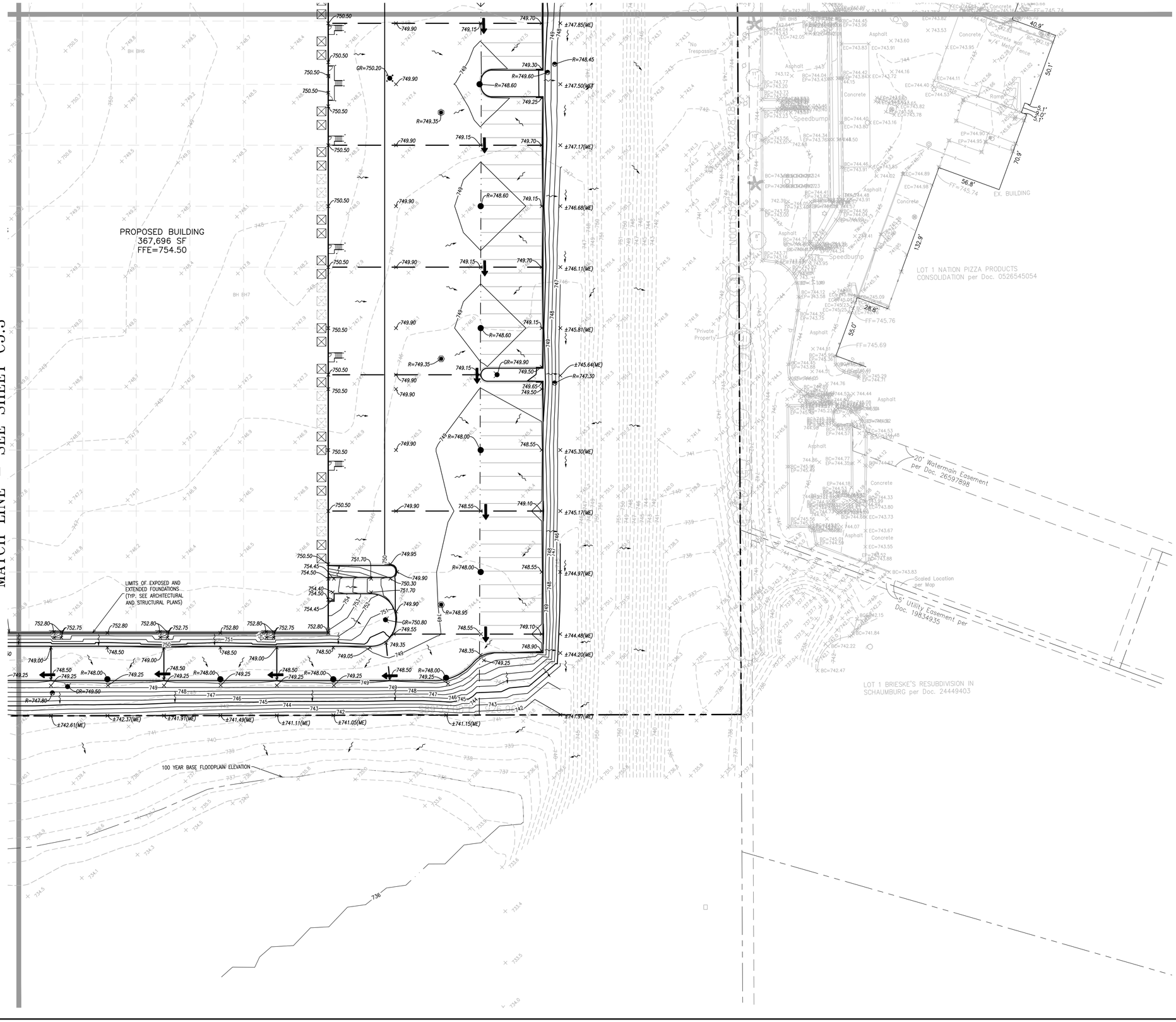
MATCH LINE - SEE SHEET C5.3



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MATCH EXISTING ELEVATION	× XXX.XX(ME)
PROPOSED TOP OF WALL ELEVATION	T/WALL:XXX.XX
PROPOSED FINISHED GRADE AT TOP OF WALL	T/WALL:XXX.XX(FG)
PROPOSED BOTTOM OF WALL ELEVATION	B/WALL:XXX.XX
PROPOSED DRAINAGE DIVIDE	
DRAINAGE DIRECTION	
OVERFLOW ROUTE	

GRADING NOTES:

SEE SHEET C5.0 FOR ALL GRADING NOTES

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

GRADING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

1" = 40'

C5.4

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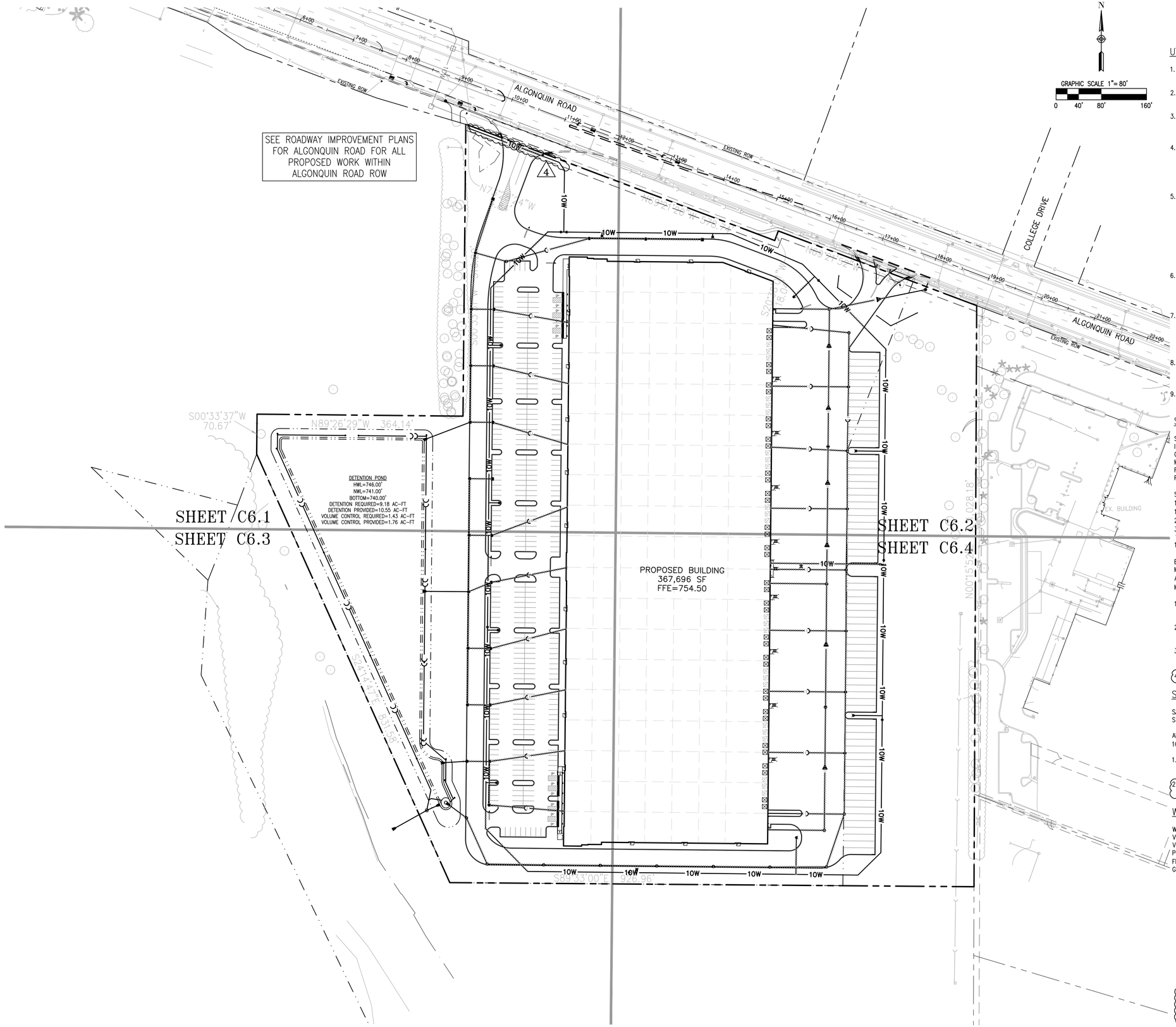
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



UTILITY NOTES:

1. ALL UTILITY LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURES IN LINEAR FEET.
2. ALL EXISTING UTILITY RIMS, GRADE RINGS, PEDESTALS, ETC. SHALL BE RAISED OR LOWERED AS REQUIRED TO MEET PROPOSED FINISHED GRADE.
3. ALL PROPOSED CONNECTIONS TO EXISTING UTILITY STRUCTURES OR PIPING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE GOVERNING AUTHORITY REQUIREMENTS AND SPECIFICATIONS.
4. GRANULAR TRENCH BACKFILL MATERIAL, IDOT GRADATION CA-7, SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, PER ASTM D1557, OVER ALL UTILITIES WHICH ARE CONSTRUCTED UNDER, OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS, SIDEWALKS, ETC. GRANULAR TRENCH BACKFILL NOTED ON THE PLANS BY:
5. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST FORTY-EIGHT (48) HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED SITE IMPROVEMENTS SHOWN ON THE PLANS.
6. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
7. CONTRACTOR SHALL EXCAVATE AND FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, CONDITIONS AND ELEVATIONS AT PROPOSED POINTS OF CONNECTION PRIOR TO COMMENCING ANY UNDERGROUND CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION.
8. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL EXISTING SEWER SYSTEMS DURING CONSTRUCTION OPERATIONS AS NECESSARY TO PREVENT SILT OR DEBRIS ACCUMULATION.
9. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS INCLUDING ALL PIPE MATERIAL AND JOINT SPECIFICATIONS.

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
I = INLET
CB = CATCH BASIN
MH = MANHOLE
FES = FLARED END SECTION
RD = ROOF DRAIN

STORM SEWER FRAME AND GRATE/LID SYMBOL LEGEND:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1022Z3
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V. ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID. 4

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1050Z1

1. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
2. SANITARY MANHOLE FRAME AND LID SHALL BE OF SEALING (GASKET) TYPE, AND SHALL HAVE A CONCEALED PICK HOLE AND BE LABELED "SANITARY". 4

WATER MAIN NOTES:

WATER MAIN STRUCTURE SYMBOL LEGEND:
Vv = VALVE VAULT
Vb = VALVE BOX
PC = PRESSURE CONNECTION
FH = FIRE HYDRANT ASSEMBLY WITH BOLLARDS (SEE DETAIL)
GR = FIRE HYDRANT GRADE RING

1. ALL WATER MAIN SHALL BE DIP CLASS 52, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL FIRE HYDRANT LEADS SHALL BE 6-INCH, CLASS 52 DIP UNLESS OTHERWISE NOTED ON THE PLANS.
3. BRASS WEDGES FOR LOCATING WATER MAINS SHALL BE INSTALLED PER SECTION 41-2.05C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, AS AMENDED.
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5. ALL VALVE VAULTS SHALL HAVE "WATER" LABELED ON THE LID.
6. ALL INSTALLED WATER MAIN REGARDLESS OF PIPE MATERIAL SHALL HAVE A #12 AWG COPPER CLAD STEEL TRACE WIRE. 4

No.	Description	Date
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OVERALL UTILITY PLAN

623 E. ALGONQUIN ROAD

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1" = 80'
C6.0

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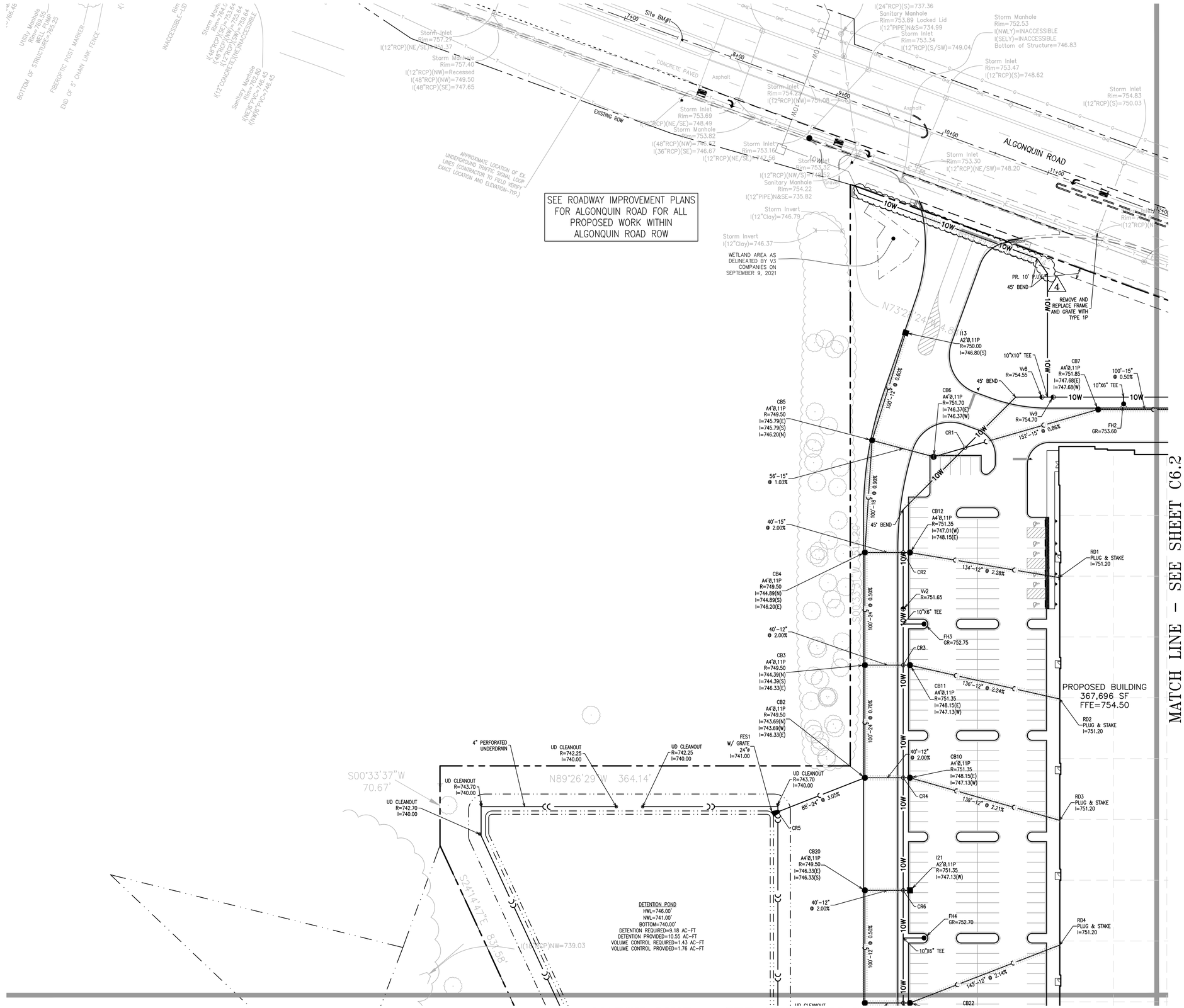

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

UTILITY NOTES:

SEE SHEET C6.0 FOR ALL UTILITY NOTES

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
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1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
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MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V. ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID. (4)

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
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1. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
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UTILITY CROSSINGS

CR1: BOTTOM OF 15" STORM = 746.4' ±
LOWER TOP OF 10" WATER = 744.9' ±
VERTICAL SEPARATION = 1.5'

CR2: BOTTOM OF 15" STORM = 746.7' ±
LOWER TOP OF 10" WATER = 745.2' ±
VERTICAL SEPARATION = 1.5'

CR3: BOTTOM OF 12" STORM = 746.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

CR4: BOTTOM OF 12" STORM = 746.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

CR5: BOTTOM OF 24" STORM = 740.9' ±
TOP OF 4" UNDERDRAIN = 740.3' ±
VERTICAL SEPARATION = 0.6'

CR6: BOTTOM OF 12" STORM = 746.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

No.	Description	Date
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UTILITY PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

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F076a

1" = 40'

C6.1

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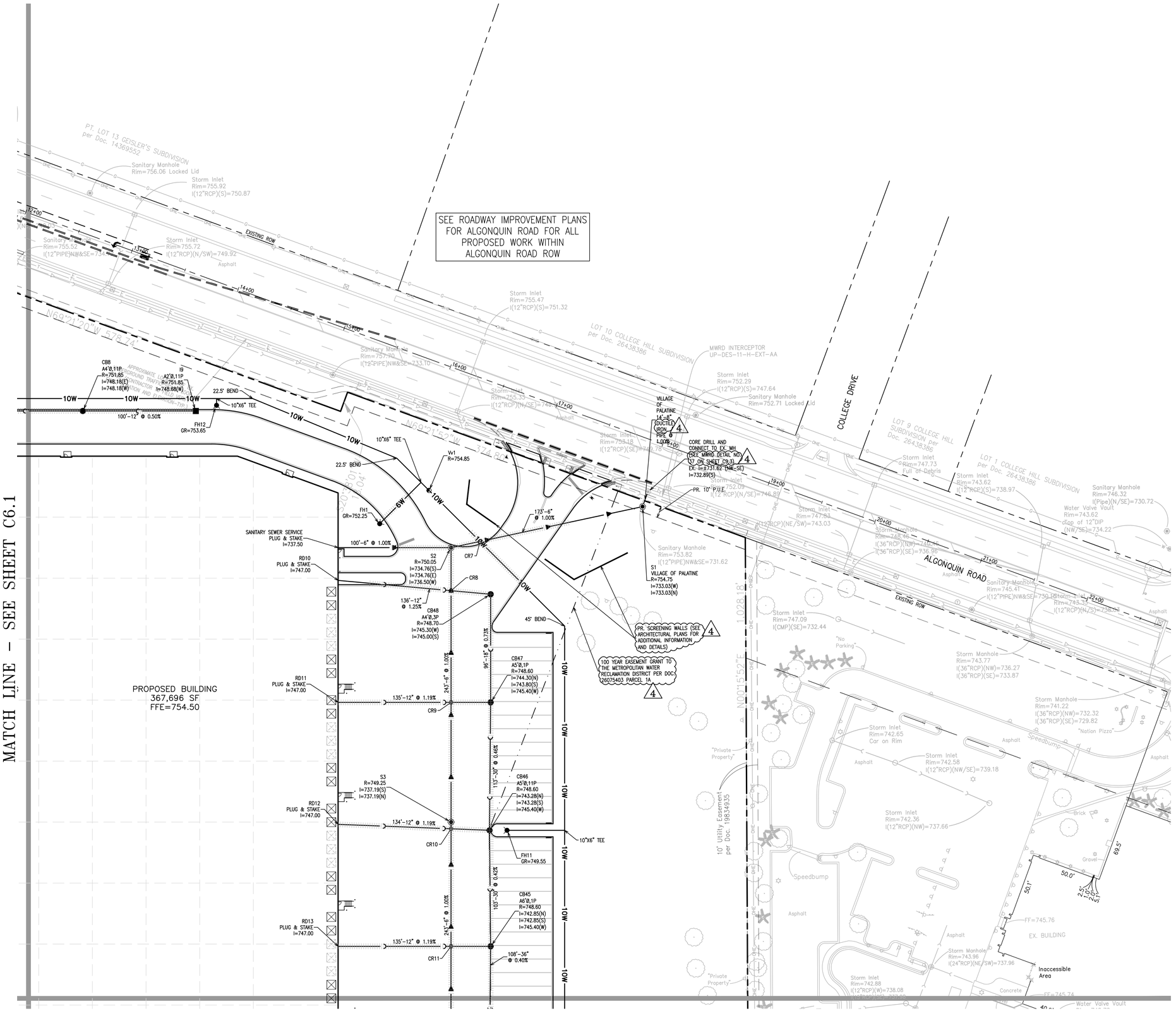

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

UTILITY NOTES:

SEE SHEET C6.0 FOR ALL UTILITY NOTES

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
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CB = CATCH BASIN
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RD = ROOF DRAIN

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1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1022Z3
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
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A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

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SANITARY SEWER NOTES

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UTILITY CROSSINGS

CR7: BOTTOM OF 10" WATER = 744.3' ±
TOP OF 6" SANITARY = 735.0' ±
VERTICAL SEPARATION = 9.3'

CR8: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 735.6' ±
VERTICAL SEPARATION = 10.0'

CR9: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 736.6' ±
VERTICAL SEPARATION = 9.0'

CR10: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 737.8' ±
VERTICAL SEPARATION = 7.8'

CR11: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 738.8' ±
VERTICAL SEPARATION = 6.8'

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UTILITY PLAN

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1" = 40'

C6.2

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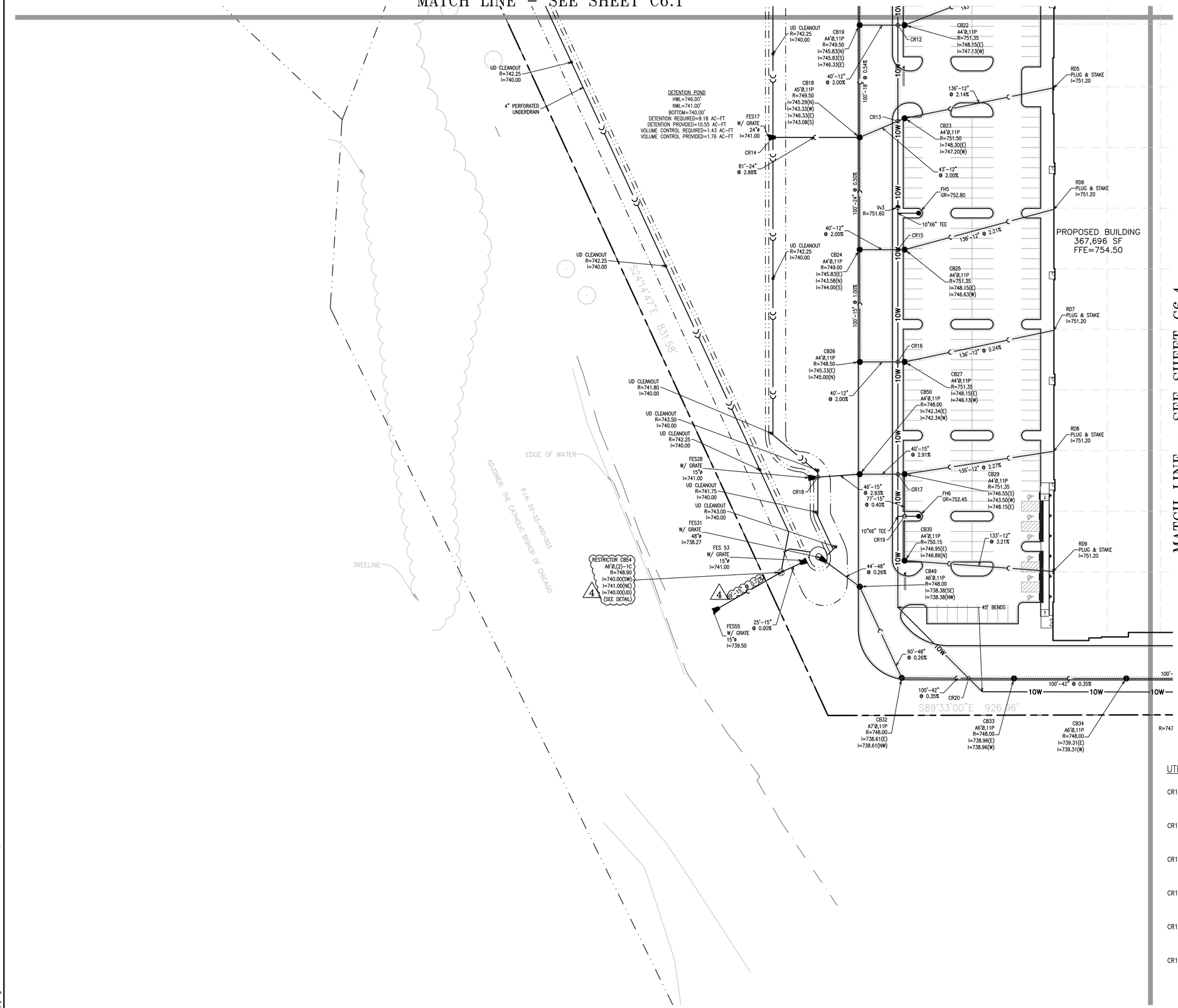

UTILITY NOTES:

SEE SHEET C6.0 FOR ALL UTILITY NOTES

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STORM SEWER STRUCTURE SYMBOL LEGEND:
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1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1022Z3
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

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UTILITY CROSSINGS

CR12: BOTTOM OF 12" STORM = 746.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

CR13: BOTTOM OF 12" STORM = 746.9' ±
LOWER TOP OF 10" WATER = 745.4' ±
VERTICAL SEPARATION = 1.5'

CR14: BOTTOM OF 24" STORM = 741.0' ±
TOP OF 4" UNDERDRAIN = 740.3' ±
VERTICAL SEPARATION = 0.7'

CR15: BOTTOM OF 12" STORM = 746.3' ±
LOWER TOP OF 10" WATER = 744.8' ±
VERTICAL SEPARATION = 1.5'

CR16: BOTTOM OF 12" STORM = 745.8' ±
LOWER TOP OF 10" WATER = 744.3' ±
VERTICAL SEPARATION = 1.5'

CR17: BOTTOM OF 15" STORM = 743.1' ±
LOWER TOP OF 10" WATER = 741.6' ±
VERTICAL SEPARATION = 1.5'

CR18: BOTTOM OF 15" STORM = 741.1' ±
TOP OF 4" UNDERDRAIN = 740.3' ±
VERTICAL SEPARATION = 0.8'

CR19: BOTTOM OF 15" STORM = 746.5' ±
LOWER TOP OF 10" WATER = 745.0' ±
VERTICAL SEPARATION = 1.5'

CR20: BOTTOM OF 42" STORM = 738.4' ±
LOWER TOP OF 10" WATER = 736.9' ±
VERTICAL SEPARATION = 1.5'

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1" = 40'

C6.3

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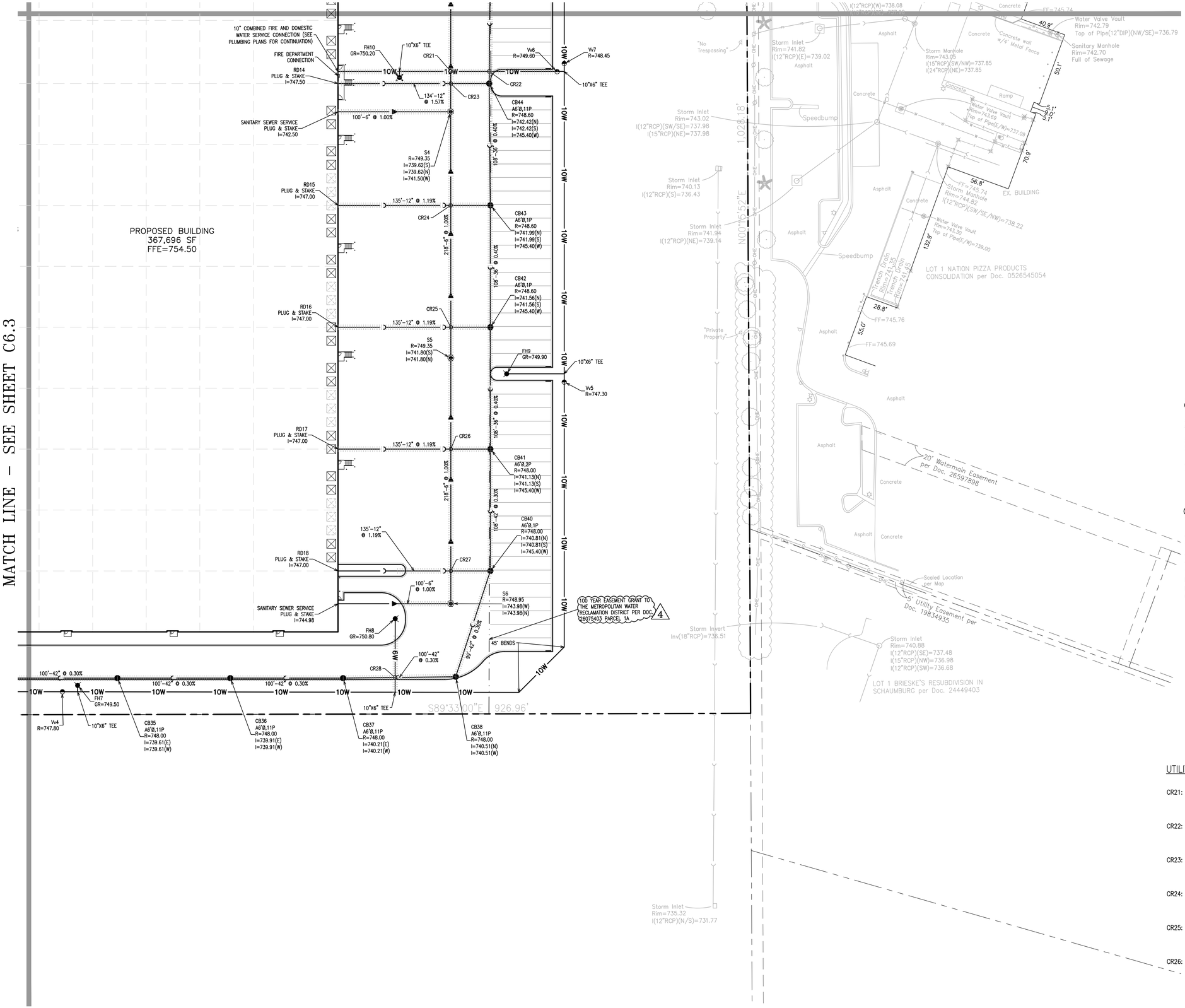
MATCH LINE - SEE SHEET C6.2

MATCH LINE - SEE SHEET C6.3



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3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V. ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID. 4

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1050Z1

1. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
2. SANITARY MANHOLE FRAME AND LID SHALL BE OF SEALING (GASKET) TYPE, AND SHALL HAVE A CONCEALED PICK HOLE AND BE LABELED "SANITARY" 4

WATER MAIN NOTES:

WATER MAIN STRUCTURE SYMBOL LEGEND:
Vv = VALVE VAULT
Vb = VALVE BOX
PC = PRESSURE CONNECTION
FH = FIRE HYDRANT ASSEMBLY WITH BOLLARDS (SEE DETAIL)
GR = FIRE HYDRANT GRADE RING

1. ALL WATER MAIN SHALL BE DIP CLASS 52, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL FIRE HYDRANT LEADS SHALL BE 6-INCH, CLASS 52 DIP UNLESS OTHERWISE NOTED ON THE PLANS.
3. BRASS WEDGES FOR LOCATING WATER MAINS SHALL BE INSTALLED PER SECTION 41-2.05C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, AS AMENDED.
4. MAINTAIN A MINIMUM OF 5.5-FT OF COVER AS MEASURED FROM THE PROPOSED GRADE OVER THE WATER MAIN. MAINTAIN HORIZONTAL SEPARATION WITH OTHER UTILITIES PER IEPA REQUIREMENTS.
5. ALL VALVE VAULTS SHALL HAVE "WATER" LABELED ON THE LID.
6. ALL INSTALLED WATER MAIN REGARDLESS OF PIPE MATERIAL SHALL HAVE A #12 AWG COPPER CLAD STEEL TRACE WIRE. 4

UTILITY CROSSINGS

CR21: BOTTOM OF 10" WATER = 742.9' ±
TOP OF 6" SANITARY = 739.8' ±
VERTICAL SEPARATION = 3.1'

CR22: BOTTOM OF 36" STORM = 742.1' ±
LOWER TOP OF 10" WATER = 740.6' ±
VERTICAL SEPARATION = 1.5'

CR23: BOTTOM OF 12" STORM = 745.8' ±
TOP OF 6" SANITARY = 739.4' ±
VERTICAL SEPARATION = 6.4'

CR24: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 741.0' ±
VERTICAL SEPARATION = 4.6'

CR25: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 742.0' ±
VERTICAL SEPARATION = 3.6'

CR26: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 743.1' ±
VERTICAL SEPARATION = 2.5'

CR27: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 744.2' ±
VERTICAL SEPARATION = 1.4'

CR28: BOTTOM OF 42" STORM = 740.0' ±
LOWER TOP OF 10" WATER = 738.5' ±
VERTICAL SEPARATION = 1.5'

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4	REVISED PER VILLAGE	2/28/22

UTILITY PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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1" = 40'

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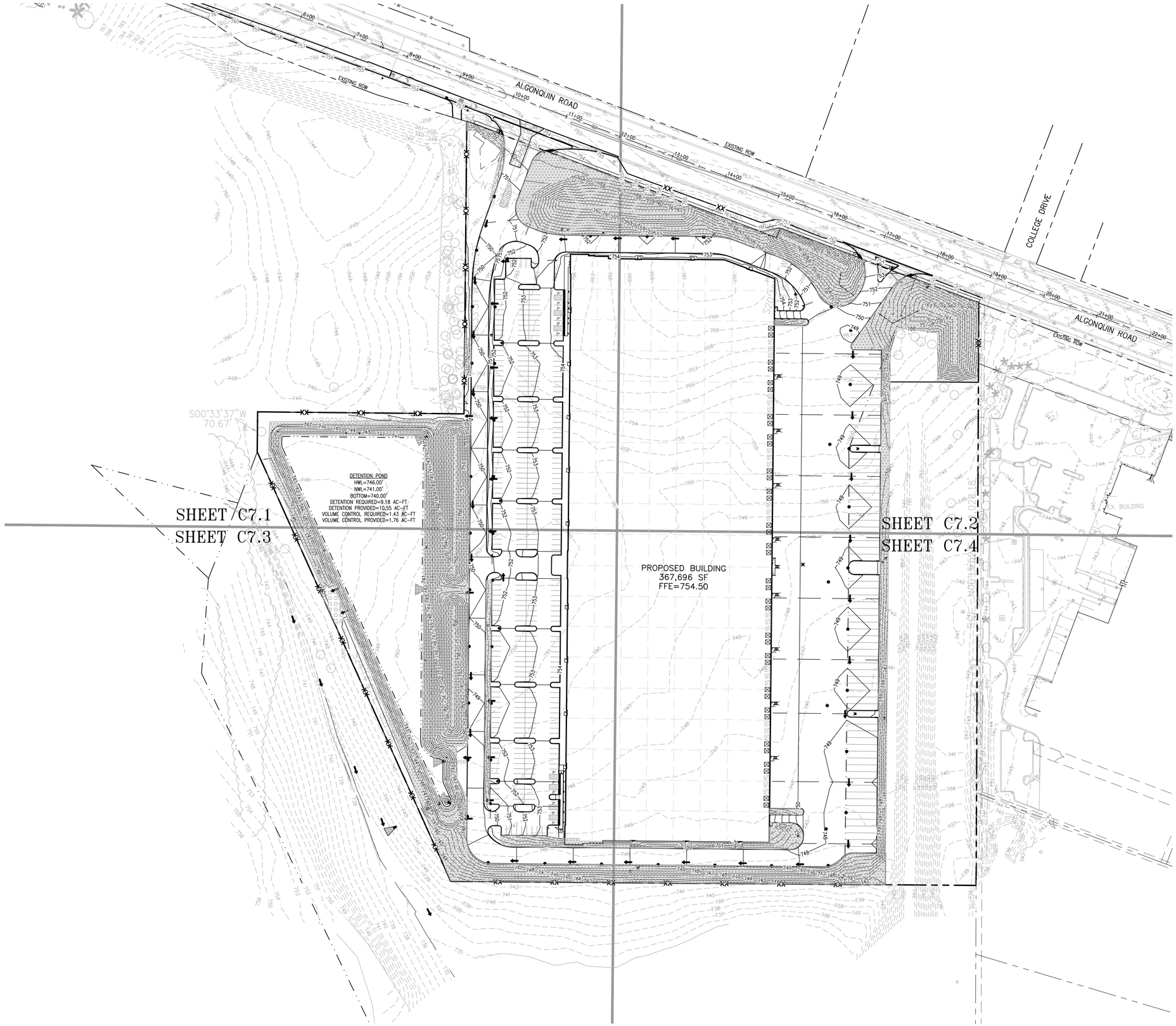

N

GRAPHIC SCALE 1"= 80'

0 40' 80' 160'

SWPPP CONSTRUCTION SCHEDULE:

1. OBTAIN ALL APPLICABLE SITE PERMITS AND THOROUGHLY REVIEW PROJECT'S STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION CONTROL PLANS PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND UPDATING THE SWPPP THROUGHOUT THE DURATION OF CONSTRUCTION AS NECESSARY UNTIL FINAL SITE STABILIZATION IS ACHIEVED.
2. INSTALL PERIMETER SEDIMENT CONTROL MEASURES (I.E. SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE).
3. INSTALL INLET PROTECTION DEVICES FOR EXISTING STORM SEWER INLETS AND DRAINAGE STRUCTURES.
4. PERFORM STORMWATER POLLUTION PREVENTION SITE INSPECTIONS ON A WEEKLY BASIS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCH OR GREATER (OR EQUIVALENT SNOWFALL). AT A MINIMUM, THE INSPECTIONS SHALL INCLUDE THE DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, ALL STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIST THE SITE, AND ANY ADDITIONAL BEST MANAGEMENT PRACTICES IDENTIFIED IN THE SWPPP.
   - 4.1. ALL SITE EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SHALL BE CONTINUOUSLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL MAKE AND COMPLETE THE REQUIRED REPAIRS WITHIN FORTY-EIGHT (48) HOURS OF THE INSPECTION.
   - 4.2. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL STRUCTURAL CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE SITE INSPECTIONS.
   - 4.3. COPIES OF THE WEEKLY INSPECTION REPORT SHALL BE SUBMITTED TO THE PUBLIC WORKS SUPERINTENDENT AND THE VILLAGE ENGINEER.
5. BEGIN SITE CLEARING AND GRADING OPERATIONS.
6. PROVIDE TEMPORARY SEEDING AND/OR MULCHING FOR ALL DISTURBED SITE AREAS THAT WILL NOT BE WORKED ON FOR MORE THAN SEVEN (7) DAYS.
7. INSTALL NEW STORM SEWERS AND OTHER SITE UTILITIES AS INDICATED ON THE PLANS.
8. INSTALL TEMPORARY CONCRETE WASHOUT PRIOR TO COMMENCEMENT OF ANY CONCRETE WORK ON SITE.
9. BEGIN SITE PAVING OPERATIONS (I.E. DRIVES, PARKING LOTS, ETC.)
10. PERFORM STREET CLEANING OPERATIONS AND OTHER BEST MANAGEMENT PRACTICES AS NEEDED FOR AREAS ADJACENT TO THE PROJECT SITE.
11. INSTALL BUILDING FOUNDATIONS AND COMPLETE BUILDING CONSTRUCTION AND REMAINING SITE IMPROVEMENTS INDICATED ON THE PLANS.
12. PERFORM FINAL GRADING OPERATIONS AND ESTABLISH PERMANENT VEGETATIVE COVER IN ALL LANDSCAPED AREAS.
13. REMOVE ALL TEMPORARY SITE EROSION AND SEDIMENT CONTROL MEASURES WITHIN THIRTY (30) DAYS OF FINAL SITE STABILIZATION.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF SITE GRADING OR DEMOLITION OPERATIONS.
2. CONTRACTOR SHALL IMPLEMENT APPROPRIATE DUST CONTROL MEASURES AS NECESSARY.
   - 2.1. DUST SHALL BE CONTROLLED MANUALLY OR BY USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY POTABLE WATER TO DISTURBED AREAS. THE MOBILE UNIT SHALL APPLY WATER AT A RATE OF THREE-HUNDRED (300) GALLONS PER ACRE AND MINIMIZE AS NECESSARY TO PREVENT RUNOFF AND SURFACE WATER PONDING.
3. EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS ANTICIPATED BY THE ENGINEER. ADDITIONAL MEASURES MAY BE REQUIRED DURING CONSTRUCTION AS WARRANTED BY SITE CONDITIONS OR AS DIRECTED BY THE ENGINEER AND/OR PROJECT GOVERNING AUTHORITIES.
4. SEE LANDSCAPE PLANS FOR ALL DETENTION POND PLANTING REQUIREMENTS
5. SEE GENERAL NOTES AND SPECIFICATIONS SHEETS AND STORMWATER POLLUTION PREVENTION PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

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4	REVISED PER VILLAGE	2/28/22

OVERALL EROSION CONTROL PLAN

623 E. ALGONQUIN ROAD

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1" = 80'

C7.0

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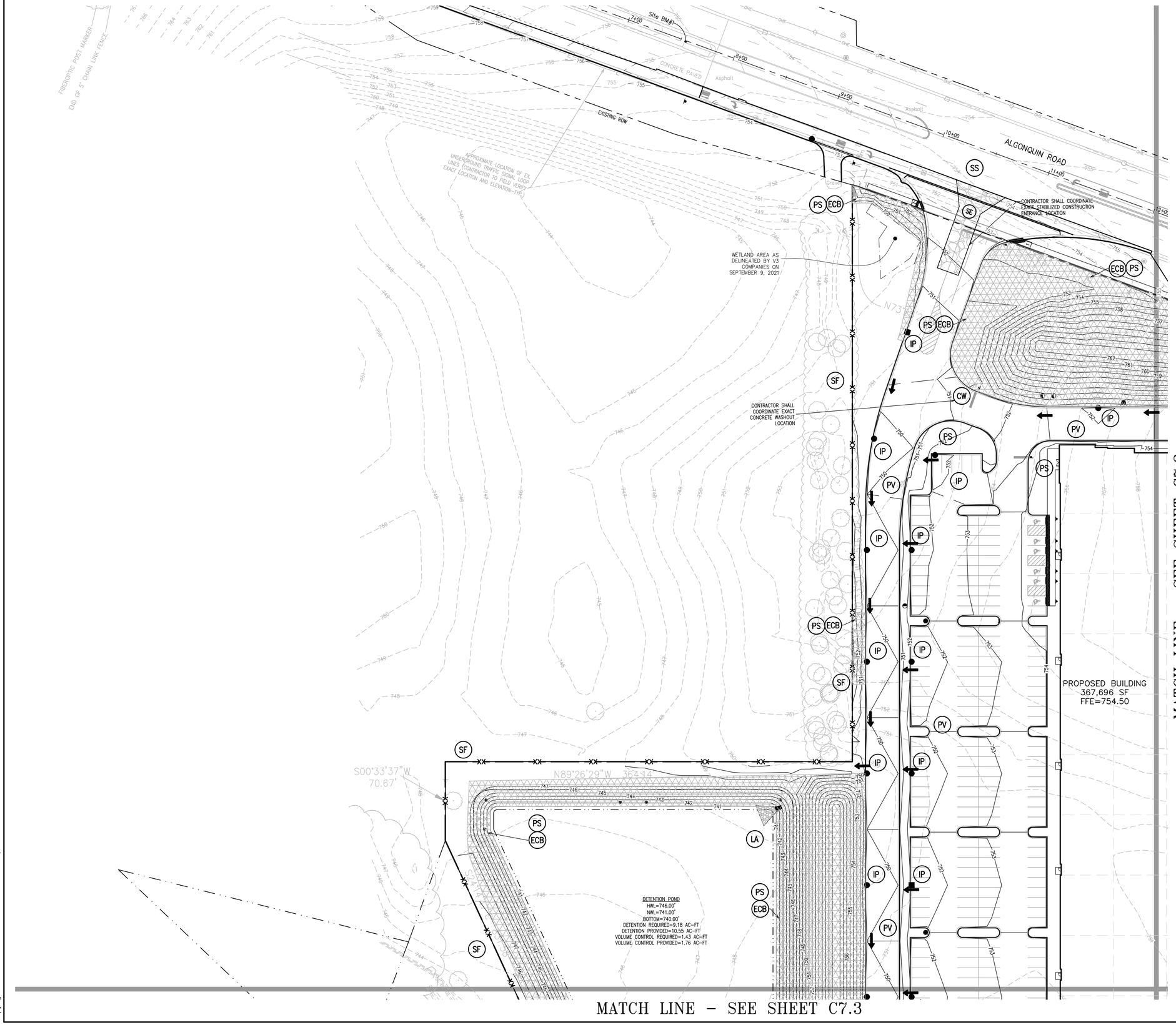

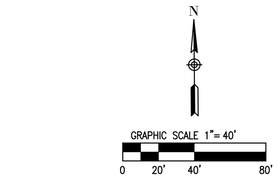

EROSION CONTROL LEGEND:

- (IP) INLET PROTECTION
- (SF) SILT FENCE
- (SE) STABILIZED CONSTRUCTION ENTRANCE
- (CW) CONCRETE WASHOUT
- (ECB) EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S75)
- (TRM) PERMANENT TURF REINFORCEMENT MAT (NORTH AMERICAN GREEN VMAX SC250)
- (PS) PERMANENT SEEDING (SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION AND DETAILS)
- (SS) STREET SWEEPING
- (PV) PAVEMENT
- (LA) LINED APRON

EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

EROSION CONTROL PLAN

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1" = 40'

C7.1

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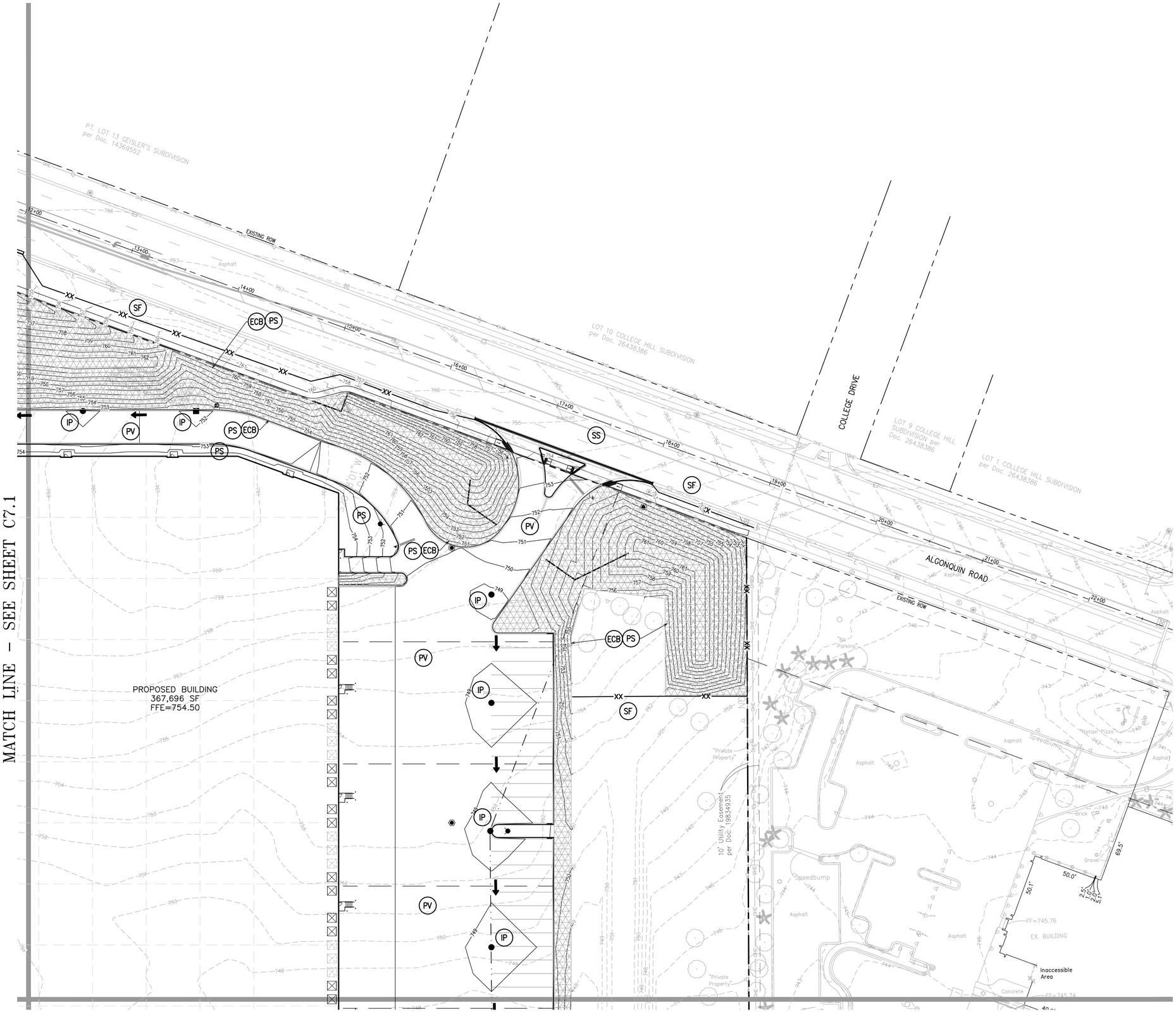

MATCH LINE - SEE SHEET C7.1

MATCH LINE - SEE SHEET C7.4

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

EROSION CONTROL LEGEND:

- IP — INLET PROTECTION
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- PV — PAVEMENT
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EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

EROSION CONTROL PLAN

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1" = 40'

C7.2

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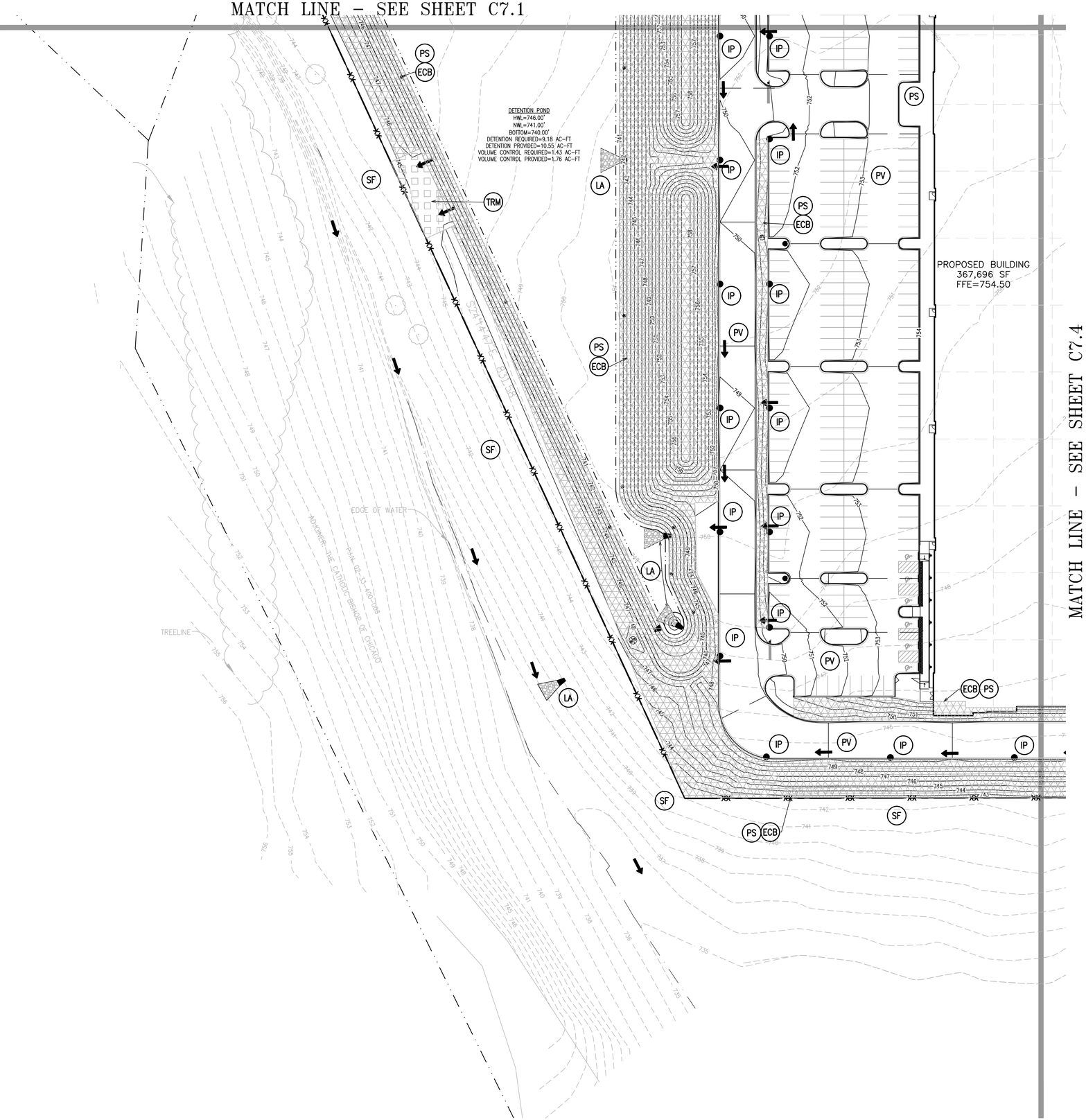
MATCH LINE – SEE SHEET C7.1



MATCH LINE – SEE SHEET C7.4

N

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0 20' 40' 80'

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EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

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EROSION CONTROL PLAN

623 E. ALGONQUIN ROAD

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MATCH LINE - SEE SHEET C7.2

MATCH LINE - SEE SHEET C7.3

PROPOSED BUILDING
367,696 SF
FFE=754.50

EX. BUILDING
FF=745.74

LOT 1 NATION PIZZA PRODUCTS CONSOLIDATION per Doc. 0526545054

LOT 1 BRIESKE'S RESUBDIVISION IN SCHAUMBURG per Doc. 24449403

20' Watermain Easement per Doc. 26597898

5' Utility Easement per Doc. 19834935

Scaled Location per Map

"No Trespassing"

"Private Property"

Speedbump

Asphalt

Concrete

Concrete wall w/ 4' Metal Fence

Ramp

FF=745.76

FF=745.69

40.9'

50.1'

5.0'

9.5'

70.9'

56.8'

132.9'

28.8'

55.0'

IP

PV

ECB PS

PS ECB

SF

N

GRAPHIC SCALE 1"= 40'
0 20' 40' 80'

EROSION CONTROL LEGEND:

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- LA — LINED APRON

EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

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CONTROL MEASURE GROUP	CONTROL MEASURE	APPLICABLE	SYMBOL	CONTROL MEASURE CHARACTERISTICS	TEMPORARY	PERMANENT	REQUIRED MAINTENANCE
VEGETATIVE SOIL COVER	TEMPORARY SEEDING		TS	PROVIDES QUICK TEMPORARY COVER TO CONTROL EROSION WHEN PERMANENT SEEDING IS NOT DESIRED OR TIME OF YEAR IS INAPPROPRIATE	X		RESEED ANY FAILING AREAS
	PERMANENT SEEDING	X	PS	PROVIDES PERMANENT VEGETATIVE COVER TO CONTROL EROSION AND FILTERS SEDIMENT FROM WATER. MAY BE PART OF FINAL LANDSCAPE PLAN		X	RESEED ANY FAILING AREAS
	DORMANT SEEDING		DS	SAME AS PERMANENT SEEDING EXCEPT IS DONE DURING DORMANT SEASON. HIGHER RATES OF SEED APPLICATION ARE REQUIRED	X	X	RESEED AS NEEDED
	SODDING		SO	QUICK PERMANENT VEGETATIVE COVER USED TO CONTROL EROSION AND ESTABLISH VEGETATIVE FILTER STRIP, CAN BE USED ON STEEP SLOPES OR IN DRAINAGE WAYS OR OTHER AREAS WHERE SEEDING MAY BE DIFFICULT	X	X	N/A
NON VEGETATIVE SOIL COVER	MACHINE TRACKING		GC	PROVIDES SOIL ROUGHING TO PREVENT EROSION		X	N/A
	POLYMER		P	USED AS ADDED INSURANCE IN CONJUNCTION WITH TEMPORARY OR PERMANENT SEEDING. PROVIDES TEMPORARY COVER WHERE VEGETATION CANNOT BE ESTABLISHED	X	X	REAPPLY EVERY 1-1/2 MONTHS
	AGGREGATE COVER		AG	PROVIDES SOIL COVER ON ROADS, PARKING LOTS AND OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED. PREVENTS MUD FROM BEING PICKED UP AND CARRIED OFF-SITE	X	X	CLEAN DIRT AND SEDIMENT FROM STONE AS NEEDED
	PAVING	X	PV	PROVIDES PERMANENT COVER ON ROADS, PARKING LOTS AND OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED		X	N/A
DIVERSIONS	RIDGE DIVERSION		RD	TYPICALLY USED ABOVE SLOPES TO COLLECT RUNOFF AND TRANSFER DOWNSTREAM	X	X	CLEAN OUT SILT WHEN HALF FULL
	CHANNEL DIVERSION		CD	TYPICALLY USED TO DIVERT RUNOFF TO PREVENT EROSION	X	X	REPLACE PROTECTION AS NEEDED
	COMBINATION DIVERSION		DC	TYPICALLY USED ANYWHERE ON A SLOPE. SOIL TAKEN OUT OF A CHANNEL IS USED TO BUILD THE RIDGE	X	X	REPLACE PROTECTION AS NEEDED
	CURB AND GUTTER		CG	SPECIAL CASE OF DIVERSION USED IN CONJUNCTION WITH A ROAD TO DIVERT RUNOFF FROM AN AREA NEEDING EROSION PROTECTION		X	N/A
	BENCHES		B	SPECIAL CASE OF DIVERSION CONSTRUCTED WHEN WORKING ON CUT SLOPES TO SHORTEN LENGTH OF SLOPE AND PROVIDE SLOPE STABILITY	X	X	N/A
WATERWAYS	VEGETATIVE CHANNEL		VC	PROVIDES ADDITIONAL STABILITY TO CHANNEL AND USED WITH RELATIVELY LOW FLOW VELOCITIES	X	X	REDO ANY FAILING AREAS
	LINED CHANNEL		LC	USED WHEN VEGETATION IS INADEQUATE TO PROTECT A CHANNEL FROM HIGH FLOW VELOCITIES OR WHERE VEGETATION CANNOT BE ESTABLISHED	X	X	REPLACE PROTECTION AS NEEDED
ENCLOSED DRAINAGE	STORM SEWER	X	STM	CAN BE USED TO CONVEY SEDIMENT LADEN RUNOFF TO SEDIMENT BASIN OR IN CONJUNCTION WITH A WATERWAY	X	X	CLEAN OUT SEDIMENT AS NEEDED
	UNDER DRAIN	X	UD	USED TO LOWER WATER TABLE AND INTERCEPT GROUNDWATER FOR BETTER VEGETATION GROWTH AND SLOPE STABILITY. USED TO CARRY BASE FLOW IN WATERWAYS AND TO DEWATER SEDIMENT BASINS.	X	X	N/A
SPILLWAYS	STRAIGHT PIPE SPILLWAY		SPS	USED FOR RELATIVELY SMALL VERTICAL DROPS AND SMALL FLOWS OF WATER		X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	DROP INLET PIPE SPILLWAY		DIS	SAME AS PIPE SPILLWAY EXCEPT LARGER FLOWS AND LARGE VERTICAL DROPS CAN BE ACCOMMODATED		X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	WEIR SPILLWAY		W	USED FOR RELATIVELY SMALL VERTICAL DROPS AND FLOWS IN EXCESS OF THE STORM SEWER SYSTEM	X	X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	BOX INLET WEIR SPILLWAY		BS	SAME AS WEIR SPILLWAY EXCEPT LARGER FLOWS CAN BE ACCOMMODATED DUE TO LOWER WEIR LENGTH	X	X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
OUTLETS	LINED APRON	X	LA	PROTECTS DOWNSTREAM CHANNEL FROM HIGH VELOCITY OF FLOW DISCHARGING FROM FLARED END SECTIONS OR OTHER OUTLET STRUCTURES	X	X	REPAIR DISLODGED STONES AND EROSION UNDER RIP-RAP AS NEEDED
SEDIMENT BASINS	SEDIMENT BASIN		SB	USED TO COLLECT SMALLER PARTICLES AND TO DETAIN WATER WITH A CONTROLLED RELEASE	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
	SEDIMENT TRAP		ST	USED TO COLLECT LARGER PARTICLES AND TO DETAIN WATER WITH A CONTROLLED RELEASE	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
SEDIMENT FILTERS	SILT FENCE	X	SF	USED TO FILTER SEDIMENT FROM RUNOFF	X		CLEAN OUT SEDIMENT WHEN HALF FULL AND REPAIR AS NEEDED
	VEGETATIVE FILTER		VF	USED ALONG DRAINAGE WAYS OR PROPERTY LINES TO FILTER SEDIMENT FROM RUNOFF	X	X	REDO ANY FAILING AREAS
MUD AND DUST CONTROL	STABILIZED CONSTRUCTION ENTRANCE	X	SE	PREVENTS MUD AND SEDIMENT FROM BEING PICKED UP AND CARRIED OFF-SITE	X		SCRAPE MUD AND REPLACE STONE AS NEEDED
	DUST CONTROL	X	DT	PREVENTS DUST FROM LEAVING CONSTRUCTION SITE	X		REAPPLY AS NEEDED
EROSION CONTROL	EROSION CONTROL BLANKET	X	ECB	PROTECTS SOIL, PREVENTS SEED WASHOUT AND HELPS GROW VEGETATION	X		REPLACE AS NEEDED
	TURF REINFORCEMENT MAT	X	TRM	REINFORCES TURF IN CHANNELS, SHORELINES AND HIGH FLOW AREAS		X	REPLACE AS NEEDED
	CELLULAR CONFINEMENT		CF	USED FOR SOIL STABILIZATION	X	X	REPLACE AS NEEDED
	GABIONS		GA	USED TO PREVENT EROSION IN HIGH FLOW AREAS	X	X	REPLACE AS NEEDED
	GEOTEXTILE FABRIC		GF	USED FOR EROSION AND SEDIMENT CONTROL, SOIL SEPARATION AND SOIL STABILIZATION	X	X	REPLACE AS NEEDED
	GEOBLOCK POROUS PAVEMENT		PP	USED FOR FIRE LANE ACCESS OR VEGETATIVE PAVEMENT	X	X	REPLACE AS NEEDED
SEDIMENT CONTROL	INLET PROTECTION	X	IP	USED TO PREVENT SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM	X		REPLACE OR CLEAN WHEN CLOGGED
	SLOPE INTERRUPT		SI	USED TO BREAK UP RUNOFF FLOW ON A SLOPE	X		CLEAN OUT SEDIMENT WHEN HALF FULL
	DITCH CHECK		DIC	USED FOR SEDIMENT FLOW CONTROL IN SWALES AND CHANNELS	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
	FLOC LOG		FL	USED TO CLARIFY WATER THAT HAS SEDIMENT IN THE WATERY COLUMN	X	X	REPLACE WHEN HALF DISSOLVED
	SILT CURTAIN		SC	USED FOR SEDIMENT CONTROL IN STREAMS, PONDS, ETC.	X	X	REPLACE WHEN FABRIC IS TORN OR HOLES BEGIN TO FORM
	PUMPING DISCHARGE BAG	X	PB	USED FOR PUMP DISCHARGE LINES	X		REPLACE WHEN HALF FULL, FABRIC IS TORN OR HOLES BEGIN TO FORM
	CONCRETE WASHOUT	X	CW	USED TO WASH OUT CONCRETE TRUCKS	X		CLEAN OUT WHEN HALF FULL AND CLEAN WASHOUT GRAVEL AREA AS NEEDED
	STREET SWEEPING	X	SS	USED TO PREVENT SILT BUILD UP IN STREETS	X	X	CLEAN ONCE A WEEK OR AS NEEDED TO KEEP STREET CLEAN

SWPPP NOTES:

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, WHICH AUTHORIZES STORMWATER DISCHARGES RESULTING FROM CONSTRUCTION SITE ACTIVITIES AND THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCES AND REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITIES.

1. SITE DESCRIPTION

   A. THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED CONSTRUCTION ACTIVITIES THAT ARE THE SUBJECT OF THIS PLAN:

   THE SITE IMPROVEMENTS ASSOCIATED WITH THE PROPOSED INDUSTRIAL DEVELOPMENT WILL INCLUDE THE FOLLOWING: DEMOLITION, MASS GRADING, PAVEMENT CONSTRUCTION, INSTALLATION OF UTILITIES INCLUDING STORM SEWERS, SANITARY SEWERS AND WATERMAIN AND SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

   B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION, AND GRADING:

   THE SEQUENCE OF THE CONSTRUCTION ACTIVITIES MAY BE AS FOLLOWS: 1) INSTALL PERIMETER CONTROLS INCLUDING SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE, 2) SITE DEMOLITION, 3) MASS GRADING, 4) UNDERGROUND UTILITIES INSTALLATION, 5) BUILDING FOUNDATIONS, 6) FINE GRADING IN PAVEMENT AREAS AND 7) PAVEMENT AND BUILDING CONSTRUCTION. THE SOIL EROSION AND SEDIMENTATION CONTROL ITEMS WILL BE CONSTRUCTED AND MAINTAINED AS NEEDED DURING THE ABOVE CONSTRUCTION ACTIVITIES.

   C. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 25.15 ACRES.

   THE TOTAL AREA OF THE SITE THAT IS ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING, OR OTHER CONSTRUCTION ACTIVITIES IS 25.15 ACRES.

   D. THE ESTIMATED RUNOFF COEFFICIENTS OF THE VARIOUS AREAS OF THE SITE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED ARE CONTAINED IN THE PROJECT DRAINAGE STUDY, TITLED STORMWATER MANAGEMENT REPORT FOR 623 E. ALGONQUIN ROAD, AS PREPARED BY JACOB & HEFNER ASSOCIATES, INC. WHICH IS HEREBY INCORPORATED BY REFERENCE IN THIS PLAN.

   THE ESTIMATED PROPOSED OVERALL SITE RUNOFF COEFFICIENT IS 0.86.

   E. EXISTING DATA DESCRIBING SOILS OR QUALITY OF DISCHARGE (SEE SOILS REPORT IF AVAILABLE) POOR/FAIR/GOOD/NOT AVAILABLE: GOOD

   F. NAME OF RECEIVING WATER(S): SALT CREEK
   NAME OF ULTIMATE RECEIVING WATER(S): DES PLAINES RIVER

   G. EXISTING AREAS EXHIBITING WETLAND CHARACTERISTICS: 0.02 ACRES

2. CONTROLS

   THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1.B ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO, AND ARE A PART OF, THIS PLAN.

   A. EROSION AND SEDIMENT CONTROLS

      (I) STABILIZATION PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

      WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BY INITIATED AS SOON AS PRACTICABLE THEREAFTER.

      THE FOLLOWING INTERIM AND PERMANENT STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

      1. PERMANENT SEEDING
      2. SILT FENCE
      3. VEGETATIVE FILTER
      4. STABILIZED CONSTRUCTION ENTRANCE
      5. BARRIER FILTER

      (II) STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

      1. DETENTION/RETENTION POND(S)
      2. STORM SEWER SYSTEM
      3. RIP-RAP OUTLET PROTECTION
      4. PERMANENT SEEDING

      (III) DUST CONTROL: DUST CONTROL SHALL BE PROVIDED PER STANDARD B25 OF ILLINOIS URBAN MANUAL. THE FOLLOWING DUST CONTROL METHODS CAN BE USED:

      1. IRRIGATION
      2. SPRAY ON ADHESIVE
      3. VEGETATIVE COVER
      4. MULCHING

   B. STORMWATER MANAGEMENT

      (I) PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

      THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE CONTAINED IN IEPA'S STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND OTHER ORDINANCES LISTED IN THE SPECIFICATIONS.

      THE STORMWATER POLLUTANT CONTROL MEASURES SHALL INCLUDE:

      1. SILT FENCE
      2. BARRIER FILTERS
      3. STORM SEWER SYSTEM
      4. DETENTION/RETENTION POND(S)

      (II) VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., MAINTENANCE OF HYDROLOGIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

      STORMWATER MANAGEMENT CONTROL INCLUDES:

      1. RIP-RAP FOR OUTLET PROTECTION
      2. DITCH CHECKS

   C. OTHER CONTROLS

      (I) WASTE DISPOSAL: THE SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS, MACHINERY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO ACQUIRE ANY PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON THE SITE WILL NOT BE PERMITTED. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

      (II) THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

      ANY AND ALL SANITARY SEWAGE SHALL BE DISCHARGED TO THE EXISTING AND/OR PROPOSED SANITARY SEWER SYSTEM CONSTRUCTED PER IEPA AND LOCAL STANDARDS.

   D. APPROVED STATE OR LOCAL PLANS

      (I) THE MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS CONTAINED IN THIS PLAN ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL DATED OCTOBER 1987, ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION PLAN, AND THE MUNICIPAL SUBDIVISION ORDINANCE. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION CONTROL SITE PLANS, STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER THIS PERMIT, INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

3. MAINTENANCE

   THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN AND THE STANDARD SPECIFICATIONS.

   A. STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. THIS WILL BE DONE BY TOP DRESSING WITH ADDITIONAL STONES, REMOVING AND REPLACING TOP LAYER OF STONES OR WASHING THE ENTRANCE. THE SEDIMENT WASHED ON THE PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY.

   B. VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, SODDING, VEGETATIVE CHANNELS, VEGETATIVE FILTER, ETC. SHALL BE MAINTAINED PERIODICALLY AND SUPPLIED WITH ADEQUATE WATERING AND FERTILIZER. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEEDED AS NECESSARY.

   C. SEDIMENTATION BASINS/TRAPS: SEDIMENT SHALL BE REMOVED WHEN 40-50 PERCENT OF THE TOTAL ORIGINAL CAPACITY OF THE SEDIMENT BASIN/TRAP IS FILLED WITH SEDIMENT. IN NO CASE SHALL THE SEDIMENT BE BUILT UP TO MORE THAN 1 FOOT BELOW THE CREST ELEVATION. AT THIS STAGE, THE BASIN SHALL BE CLEANED OUT TO RESTORE ITS ORIGINAL VOLUME.

   D. SILT FENCE: THE DAMAGED SILT FENCE SHALL BE RESTORED TO MEET THE STANDARDS OR REMOVED AND REPLACED AS NEEDED.

   E. STRAW BALE BARRIER FILTERS: THE STRAW BALE BARRIER FILTER SHALL BE INSPECTED FREQUENTLY AND SHALL BE REPAIRED OR REMOVED AND REPLACED AS NEEDED.

   F. RIP-RAP OUTLET PROTECTION: RIP-RAP OUTLET PROTECTION SHALL BE INSPECTED AFTER HIGH FLOWS FOR ANY SCOUR BENEATH THE RIP-RAP OR FOR STONES THAT HAVE BEEN DISLODGED. IT SHALL BE REPAIRED IMMEDIATELY AS NEEDED.

4. INSPECTIONS

   THE OWNER OR OWNER'S REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

   A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

   B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

   C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4.B. SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G OF THE GENERAL NPDES PERMIT.

   D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL NPDES PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

   ALL PACKAGES:
   ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
   DIVISION OF WATER POLLUTION CONTROL
   ATTN: COMPLIANCE ASSURANCE SECTION
   1021 NORTH GRAND AVENUE, EAST
   SPRINGFIELD, IL 62794

   ALL LETTERS:
   ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
   DIVISION OF WATER POLLUTION CONTROL
   ATTN: COMPLIANCE ASSURANCE SECTION
   POST OFFICE BOX 19276
   SPRINGFIELD, IL 62794-9276

5. NON-STORMWATER DISCHARGE

   EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT MAY BE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY ADDRESSED IN THIS PLAN ARE DESCRIBED BELOW:

   1. WATER MAIN FLUSHING
   2. FIRE HYDRANT FLUSHING
   3. WATERING FOR DUST CONTROL
   4. IRRIGATION DRAINAGE FOR VEGETATIVE GROWTH FOR SEEDING, ETC.

   THE FIRE HYDRANT AND WATER MAIN SHALL NOT BE FLUSHED DIRECTLY ONTO ANY EXPOSED PAVEMENT AREA OR SUBGRADE. HOSES SHALL BE USED TO DIRECT THE FLOW INTO THE STORM SEWER SYSTEM.

NPDES GENERAL CONTRACTOR CERTIFICATION

THIS CERTIFICATION STATEMENT IS A PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED BELOW, IN ACCORDANCE WITH NPDES GENERAL PERMIT NO. ILR10 AS ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:

PROJECT TITLE: 623 E. ALGONQUIN ROAD

PROJECT LOCATION: PALATINE (MUNICIPALITY) COOK (COUNTY) ILLINOIS (STATE)

CONTRACTOR: _____

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. ILR10 THAT AUTHORIZES STORMWATER DISCHARGES RESULTING FROM CONSTRUCTION ACTIVITIES AND THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP).

SIGNATURE _____ DATE _____

NPDES SUBCONTRACTOR CERTIFICATIONS

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. ILR10 AND THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND AGREE TO FOLLOW THE BEST MANAGEMENT PRACTICES DESCRIBED THEREIN FOR ANY WORK PERFORMED ON SITE.

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

STORMWATER POLLUTION PREVENTION CONSTRUCTION AND MAINTENANCE SCHEDULE

EROSION/SEDIMENT CONTROL MEASURE	INSTALLATION SEQUENCE	MAINTENANCE FREQUENCY
TEMPORARY DIVERSION SWALE AND SILT TRAPS	PRIOR TO CLEARING AND GRADING	AS NEEDED
STONE STABILIZED CONSTRUCTION ENTRANCE	PRIOR TO CLEARING AND GRADING	AS NEEDED
SILT FENCE	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
EXISTING INLET PROTECTION	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TREE PROTECTION	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TEMPORARY DIVERSIONS	ALONG WITH ROUGH GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TEMPORARY SEEDING	AFTER ROUGH GRADING	WATER AS NEEDED
PERMANENT SEEDING, SOD, LANDSCAPING	AFTER FINISH GRADING	WATER AS NEEDED
EROSION CONTROL MATTING	AFTER FINISH GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
INLET PROTECTION	AFTER EACH INLET IS CONSTRUCTED	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
REMOVAL OF EROSION/SEDIMENT CONTROL MEASURES	AFTER ALL DISTURBED AREAS ARE STABILIZED	N/A

SEEDING CHART

STABILIZATION TYPE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			A →			*	*		→			
DORMANT SEEDING	B →										B →	
TEMPORARY SEEDING			C →				D		→			
SODDING			E **						→			
MULCHING	F →											→

A. KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE

B. KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + 2 TONS STRAW MULCH/ACRE

C. SPRING OATS 100 LBS/ACRE

D. WHEAT OR CEREAL RYE 150 LBS/ACRE

E. SOD

F. STRAW MULCH 2 TONS/ACRE

* IRRIGATION NEEDED DURING JUNE AND JULY

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

STORMWATER POLLUTION PREVENTION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

N.T.S.

C8.0

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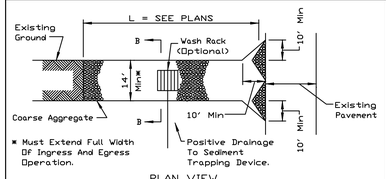
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

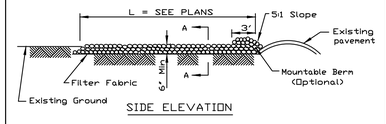
RIP-RAP DIMENSION TABLE

PIPE DIAMETER (IN)	LENGTH OF APRON La (FT)	WIDTH OF APRON W1 (FT)	WIDTH OF APRON W2 (FT)	DEPTH OF RIP-RAP d (IN)	IDOT GRADATION RR-	VOLUME OF RIP-RAP (CYD)
12	10	3	13	15	3	3.7
15	10	3.75	13.75	15	3	4.1
18	15	4.5	19.5	20	4	11.1
24	18	6	24	20	4	16.7
30	20	7.5	27.5	20	4	21.6
36	24	9	33	28	5	43.6
42	27	10.5	37.5	30	5	60.0
48	27	12	39	32	6	68.0
54	27	13.5	40.5	32	6	72.0
60	36	15	51	32	6	118.0
72	44	18	62	32	6	174.0

SE STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



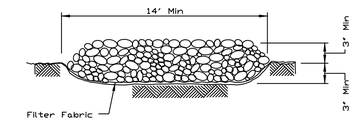
SIDE ELEVATION

NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

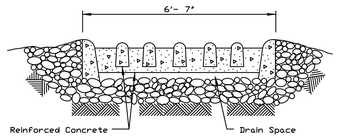
REFERENCE		STANDARD DWG. NO.
Project		IL-630
Designed	Date	SHEET 1 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

NRCS Natural Resources Conservation Service

SE STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A

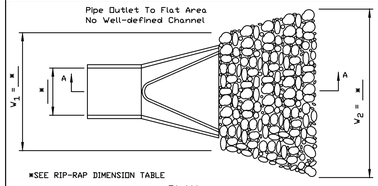


SECTION B-B

REFERENCE		STANDARD DWG. NO.
Project		IL-630
Designed	Date	SHEET 2 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

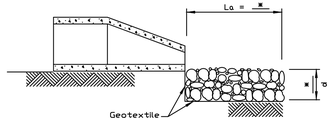
NRCS Natural Resources Conservation Service

LA PIPE OUTLET TO FLAT AREA



*SEE RIP-RAP DIMENSION TABLE

PLAN



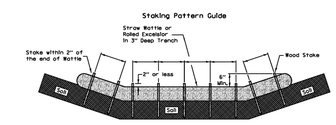
SECTION A-A

NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall shall meet the IDOT requirements for the following gradation RR - * - , Quality - .
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE		STANDARD DWG. NO.
Project		IL-610
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 9-15-93
Approved	Date	

NRCS Natural Resources Conservation Service

DIC ROLLED EROSION CONTROL PRODUCTS

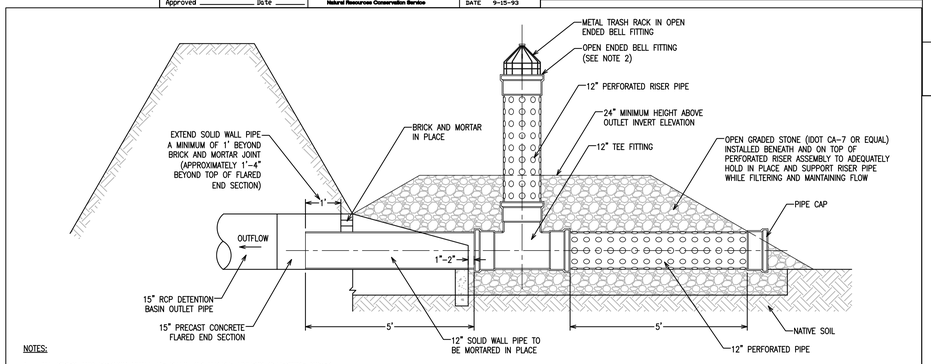


Notes:
1. Overlap minimum is the diameter of the roll.
2. 4' spacing for wattles.
3. 2' spacing for rolled excelsior.
4. Or space according to manufacturer's specifications.

When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

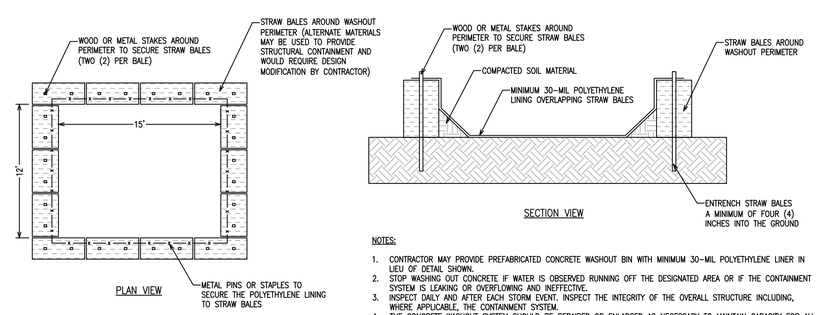
Notes:
1. Drawings are not to scale.
2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long
4. Stakes shall not extend above the straw wattle more than 2".
5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

REFERENCE		STANDARD DWG. NO.
Project		IUM-514
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 8-19-11
Approved	Date	



NOTES:
1. ALL PIPES AND FITTINGS SHALL BE P.V.C. OR H.D.P.E. UNLESS OTHERWISE NOTED.
2. TOP OF PERFORATED RISER PIPE SHALL BE SET 1'-0" BELOW DETENTION BASIN EMERGENCY OVERFLOW ELEVATION INDICATED ON THE PLANS.
3. TEMPORARY SEDIMENT BASIN AND RISER PIPE ASSEMBLY SHALL BE CONTINUOUSLY MAINTAINED DURING CONSTRUCTION OPERATIONS TO ENSURE PROPER FUNCTIONALITY. AT A MINIMUM, THE SEDIMENT BASIN AND RISER PIPE ASSEMBLY SHALL BE INSPECTED PRIOR TO FORECASTED RAIN EVENTS, AFTER EACH RAINFALL EVENT OF 0.5" OR GREATER AND DAILY DURING EXTENDED RAIN EVENTS. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED PERIODICALLY AS WARRANTED BY SITE CONDITIONS.

TEMPORARY SEDIMENT BASIN OUTLET DETAIL



PLAN VIEW

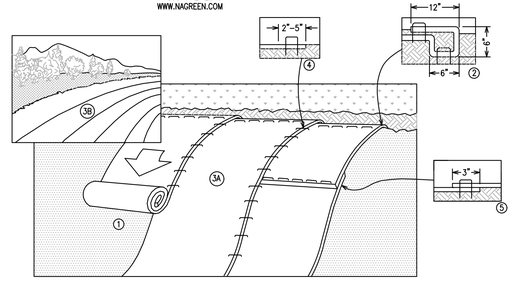
SECTION VIEW

NOTES:
1. CONTRACTOR MAY PROVIDE PREFABRICATED CONCRETE WASHOUT BIN WITH MINIMUM 30-MIL POLYETHYLENE LINER IN LIEU OF DETAIL SHOWN.
2. STOP WASHING OUT CONCRETE IF WATER IS OBSERVED RUNNING OFF THE DESIGNATED AREA OR IF THE CONTAINMENT SYSTEM IS LEAKING OR OVERFLOWING AND INEFFECTIVE.
3. INSPECT DAILY AND AFTER EACH STORM EVENT. INSPECT THE INTEGRITY OF THE OVERALL STRUCTURE INCLUDING, WHERE APPLICABLE, THE CONTAINMENT SYSTEM.
4. THE CONCRETE WASHOUT SYSTEM SHOULD BE REPAIRED OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR ALL CONCRETE WASTE.

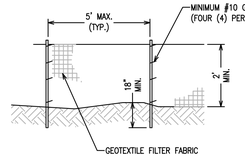
CW CONCRETE WASHOUT DETAIL

NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED (NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN).
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.
6. ONLY BIODEGRADABLE STAPLES SHALL BE USED (NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's).

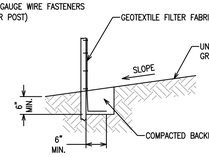
NORTH AMERICAN GREEN
1-800-772-2040
WWW.NAGREEN.COM



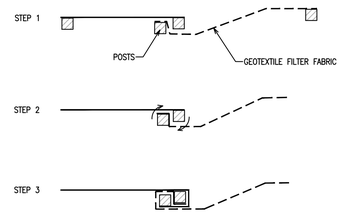
ECB EROSION CONTROL BLANKET DETAIL



ELEVATION



FABRIC ANCHOR DETAIL



ATTACHING TWO SILT FENCES

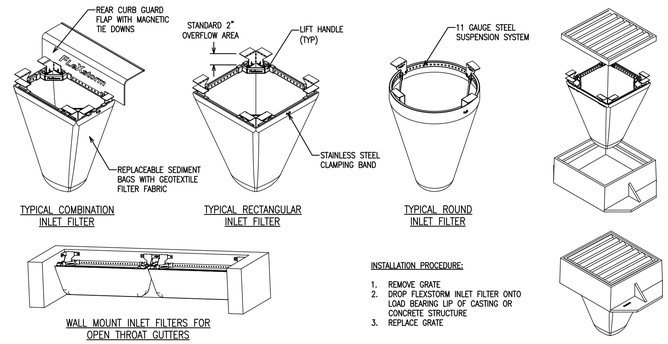
NOTES:
1. TEMPORARY SILT FENCE SHALL BE INSTALLED AROUND PROJECT PERIMETER PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
2. GEOTEXTILE FILTER FABRIC SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. FENCE POSTS SHALL BE EITHER STANDARD STEEL OR WOOD POSTS WITH A MINIMUM CROSS SECTIONAL AREA OF THREE (3) SQUARE INCHES.

NOTES:
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. DRIVE BOTH POSTS A MINIMUM OF EIGHTEEN (18) INCHES INTO THE GROUND AND BURY THE FLAP.

SF SILT FENCE DETAIL

FLEXSTORM
1-866-287-8655
WWW.INLETFILTERS.COM.COM

IPP FLeXstorm Inlet Filter Specifications			
Material Property	Test Method	Value (min ave)	
> Inner Filter Bag Specs (2 ft² min vol)		Non-Woven	Woven Mono
Grab Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture Strength	ASTM D 4833	65 lbs	90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (.212 mm)	40 sieve (.425 mm)
Permittivity	ASTM D 4491	2.0 /sec	2.1/sec
Water Flow Rate	ASTM D 4491	145 gpm/sqft	145 gpm/sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3776	4.55 oz/sqyd +/- 15%	
Thickness	ASTM D 1777	.040 +/- .005	
> Frame Construction			
A36 Structural Steel; 11 Guage; Zinc Plated	ASTM A 576	Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi	



TYPICAL COMBINATION INLET FILTER

TYPICAL RECTANGULAR INLET FILTER

TYPICAL ROUND INLET FILTER

WALL MOUNT INLET FILTERS FOR OPEN THROAT GUTTERS

INSTALLATION PROCEDURE:
1. REMOVE GRATE
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

IP INLET PROTECTION DETAIL

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

STORMWATER POLLUTION PREVENTION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

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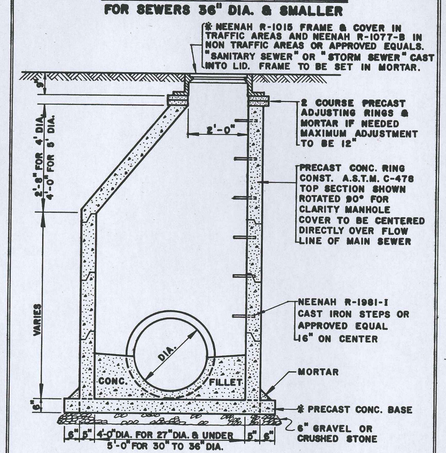
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

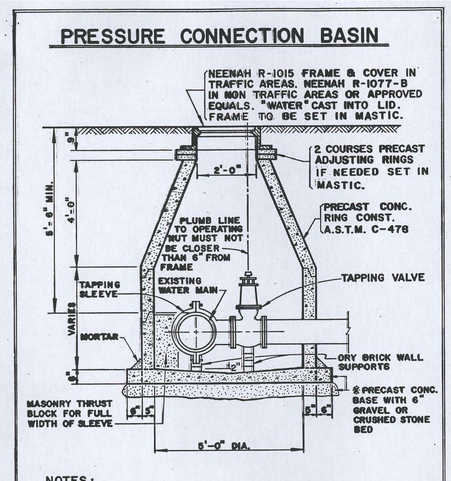
STANDARD MANHOLE
FOR SEWERS 36" DIA. & SMALLER



NOTES:
1. WHEN FINISHED GRADE ELEV. PROHIBITS USE OF CONE, INSTALL FLAT SLAB TOP CONFORMING TO ILL. DIV. OF HIGHWAYS STD. 2354.
2. PIPE OPENINGS TO BE CAST INTO WALL.
3. ※ IT IS PREFERRED THAT PRECAST CONC. BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
4. PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH RUBBER RING GASKET.

LTW JUNE 1982

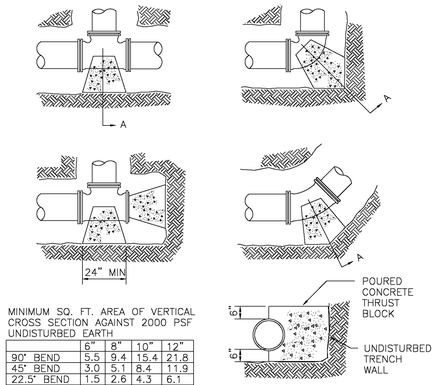
PRESSURE CONNECTION BASIN



NOTES:
1. PIPE OPENINGS TO BE CAST INTO WALL.
2. ※ IT IS PREFERED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
3. PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH MASTIC SEALER.

01-05-94 LWU

THRUST BLOCK INSTALLATION

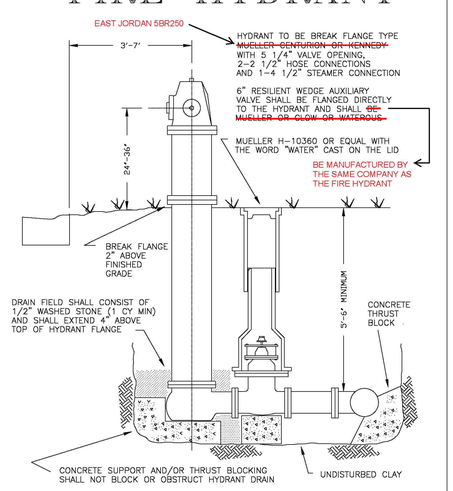


MINIMUM SQ. FT. AREA OF VERTICAL CROSS SECTION AGAINST 2000 PSF UNDISTURBED EARTH

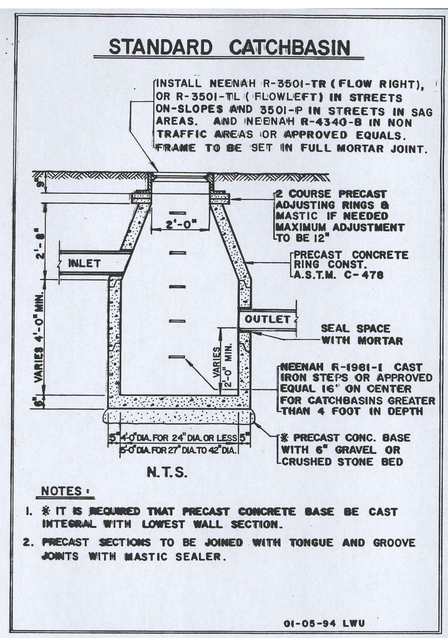
	6"	8"	10"	12"
90° BEND	5.5	9.4	15.4	21.8
45° BEND	3.0	5.1	8.4	11.9
22.5° BEND	1.5	2.6	4.3	6.1
11.25° BEND	1.5	2.6	4.3	6.1
TEE	3.9	6.7	10.9	15.5

THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS AND AT POINTS SPECIFIED BY THE ENGINEER SHALL BE CLASS "X" CONCRETE, A MINIMUM OF 12" THICK, PLACED BETWEEN SOLID GROUND AND FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS. THRUST BLOCKS SHALL BE PLACED AT BENDS OF 11-1/4 DEGREES OR MORE. RETAINER GLANDS MAY BE USED IN PLACE OF THRUST BLOCKS. THE COST OF THRUST BLOCKS OR RETAINER GLANDS SHALL BE INCLUDED IN THE COST OF THE FITTING.

FIRE HYDRANT



STANDARD CATCHBASIN

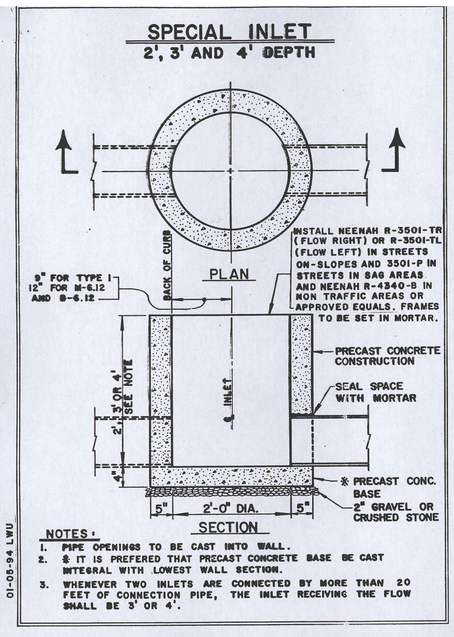


N.T.S.

NOTES:
1. ※ IT IS REQUIRED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
2. PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH MASTIC SEALER.

01-05-94 LWU

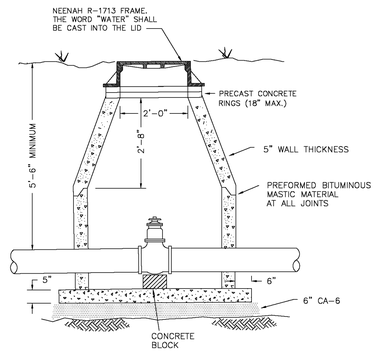
SPECIAL INLET
2', 3' AND 4' DEPTH



NOTES:
1. PIPE OPENINGS TO BE CAST INTO WALL.
2. ※ IT IS PREFERED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
3. WHENEVER TWO INLETS ARE CONNECTED BY MORE THAN 20 FEET OF CONNECTION PIPE, THE INLET RECEIVING THE FLOW SHALL BE 3' OR 4'.

01-05-94 LWU

WATER VALVE VAULT



INSIDE DIAMETER SHALL BE 48" FOR WATER MAIN 6" THROUGH 10" AND 60" FOR WATER MAIN 12" AND OVER AND PRESSURE CONNECTIONS

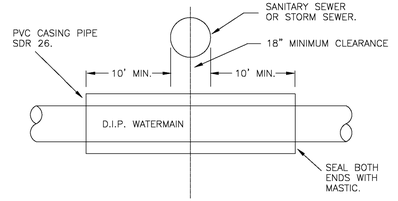
VALVES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO AWWA C509 AND SHALL BE MUELLER OR WATEROUS

WATERMAIN CONFLICTS

CONFLICTS OCCUR WHERE WATERMAINS PASS WITHIN 18" OVER OR PASS UNDER A SANITARY AND/OR STORM SEWER AND SHALL BE PROVIDED FOR AS FOLLOWS:

SANITARY SEWER CONFLICTS:

PROVIDE WATERMAIN EQUIVALENT PIPE AND JOINTS FOR THE SANITARY SEWER 10 FT. EITHER SIDE OF WATERMAIN CROSSING USING MISSION TYPE COUPLINGS TO MAKE THE TRANSITION BETWEEN THE TWO MATERIALS, OR ENCASE WATERMAIN AS SHOWN BELOW. REGARDLESS OF METHOD, THERE SHALL BE A MINIMUM 18" CLEARANCE BETWEEN TOP OF WATERMAIN AND THE BOTTOM OF THE SANITARY SEWER.



WATERMAIN DIAM.	CASING PIPE DIAM.
6"	12"
8"	15"
10"	18"
12"	18"

STORM SEWER CONFLICTS:

PROVIDE STORM SEWER PIPE WITH O-RING GASKET JOINTS CONFORMING TO ASTM C-443 10 FT. EITHER SIDE OF WATERMAIN CONFLICTS AND PROVIDE A MINIMUM CLEARANCE BETWEEN TOP OF WATERMAIN AND THE BOTTOM OF THE STORM SEWER.

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
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DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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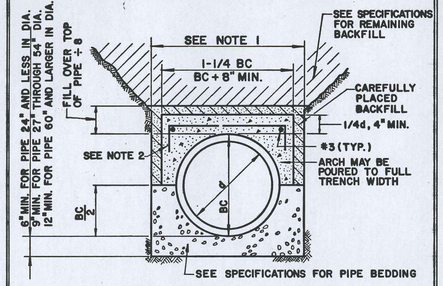
CLASS "A" PIPE BEDDING

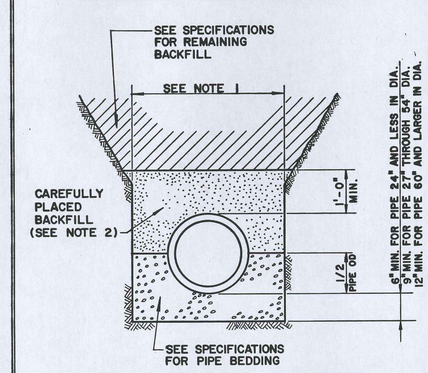


TYPICAL TRENCH CROSS-SECTION
N.T.S.

NOTES:
1. FOR ALLOWABLE TRENCH WIDTH SEE SPECIFICATIONS.
2. AREA TRANSVERSE STEEL = 0.004 x AREA CONCRETE ARCH AT CROWN; MAXIMUM SPACING = 12".
3. MAINTAIN ARCH THICKNESS OVER BELL AND BARREL.
4. MINIMUM CONCRETE COMPRESSIVE STRENGTH = 2,500 PSI.
5. DESIGN LOAD FACTOR = 3.4.
6. CAREFULLY PLACED BACKFILL SHALL BE FINELY DIVIDED MATERIAL FREE FROM DEBRIS OR STONES MEETING OR EXCEEDING SPECIFICATIONS FOR REMAINING BACKFILL.

LTW JUNE 1982

CLASS "B" PIPE BEDDING

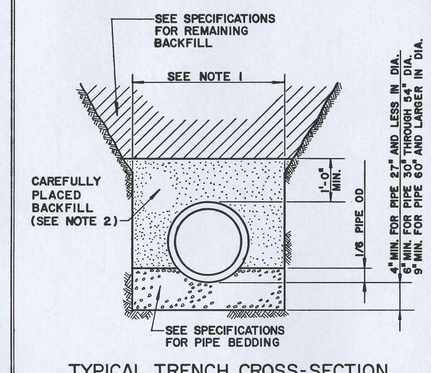


TYPICAL TRENCH CROSS-SECTION
N. T. S.

NOTES:
1. FOR ALLOWABLE TRENCH WIDTH SEE SPECIFICATIONS.
2. CAREFULLY PLACED BACKFILL SHALL BE CAREFULLY COMPACTED, FINELY DIVIDED, JOB EXCAVATED MATERIAL, FREE FROM DEBRIS, STONES, ORGANIC MATTER AND FROZEN MATERIAL, COMPACTED TO 90% MAXIMUM DENSITY, ASTM D1557. GRANULAR FILL MAY BE SUBSTITUTED FOR JOB EXCAVATED MATERIAL.

LTW JUNE 1982

CLASS "C" PIPE BEDDING

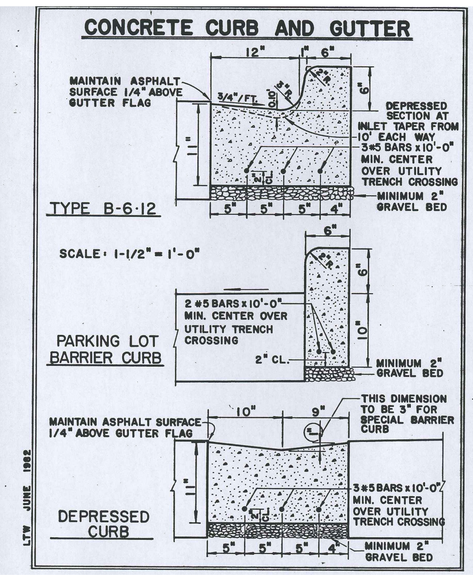


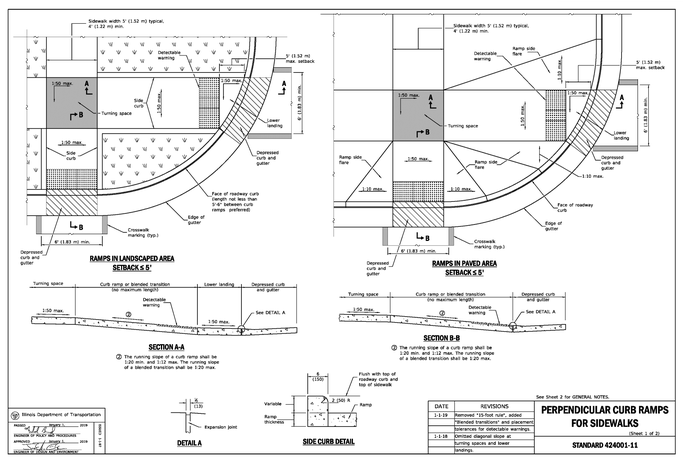
TYPICAL TRENCH CROSS-SECTION
N. T. S.

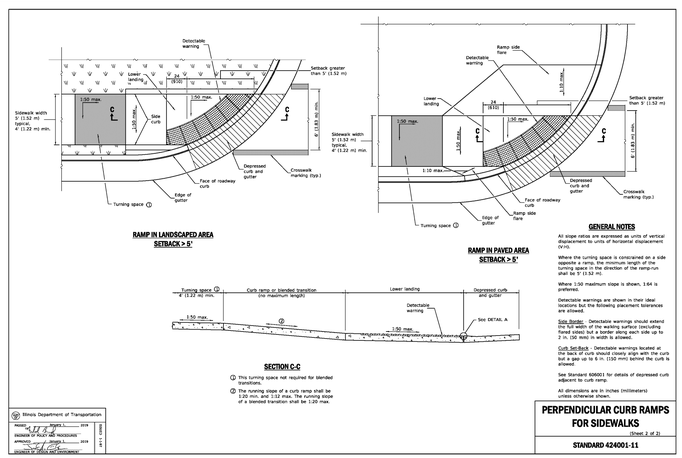
NOTES:
1. FOR ALLOWABLE TRENCH WIDTH SEE SPECIFICATIONS.
2. CAREFULLY PLACED BACKFILL SHALL BE LIGHTLY COMPACTED, FINELY DIVIDED, JOB EXCAVATED MATERIAL, FREE FROM DEBRIS, STONE AND FROZEN MATERIAL. FILL ALL VOIDS AROUND PIPE BY SLICING WITH SHOVEL. GRANULAR FILL MAY BE SUBSTITUED FOR JOB EXCAVATED MATERIAL.

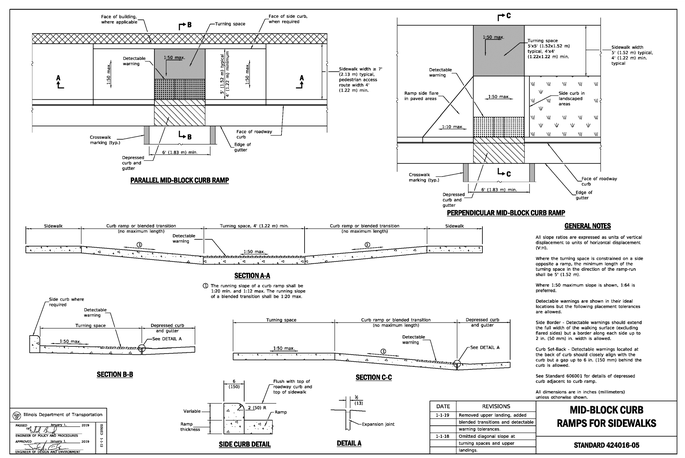
LTW JUNE 1982

CONCRETE CURB AND GUTTER









DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

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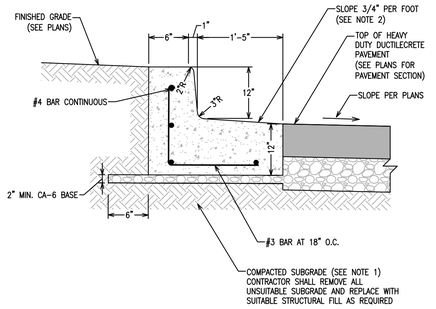
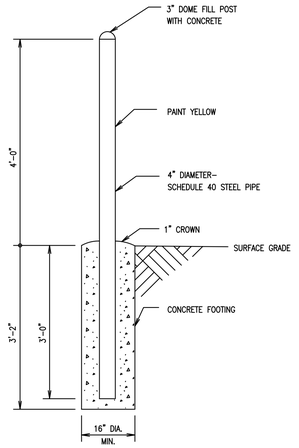


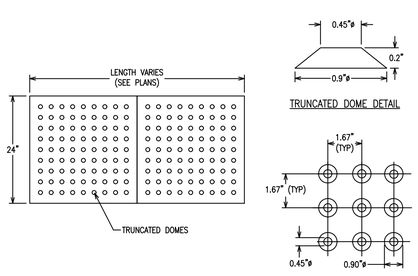
NOTES:

1. SEE GEOTECHNICAL ENGINEERING REPORT FOR SUBGRADE COMPACTION AND PREPARATION REQUIREMENTS.
2. SEE GRADING PLANS FOR PROPOSED GUTTER SLOPE DIRECTION.
3. BASE COURSE SHALL BE IDOT CA-6 CRUSHED STONE.
4. CONTROL JOINTS SHALL BE INSTALLED AT TEN (10) FEET ON CENTER UNLESS OTHERWISE NOTED.
5. EXPANSION JOINTS SHALL BE INSTALLED AT FIFTY (50) FEET ON CENTER, CURB RADIUS POINTS, ALL LOCATIONS WHERE NEW CONCRETE CURBS ADJOIN EXISTING CONCRETE AND FIVE (5) FEET ON EACH SIDE OF ALL UTILITY CASTINGS ADJACENT TO NEW CONCRETE.

12" TRAILER PARKING CURB DETAIL



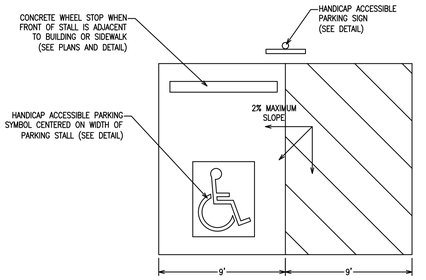
BOLLARD DETAIL



NOTES:

1. DETECTABLE WARNINGS SHALL BE VITRIFIED POLYMER COMPOSITE TILES BY ARMOR-TILE OR APPROVED EQUAL.
2. TILES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES AND SHALL BE COLORED RED UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
3. TILES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

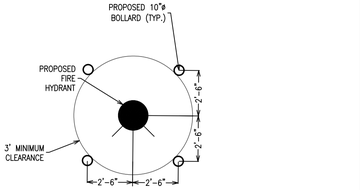
DETECTABLE WARNING DETAIL



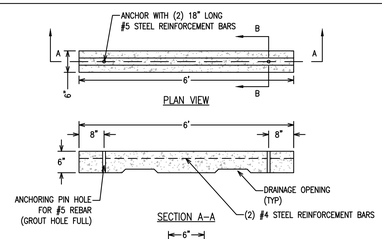
NOTES:

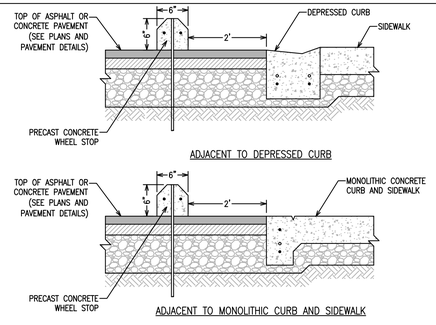
1. ALL PAVEMENT STRIPING SHALL BE WHITE UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
2. MAXIMUM SLOPE WITHIN ALL HANDICAP ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 2% IN ANY DIRECTION.

HANDICAP ACCESSIBLE PARKING STALL DETAIL

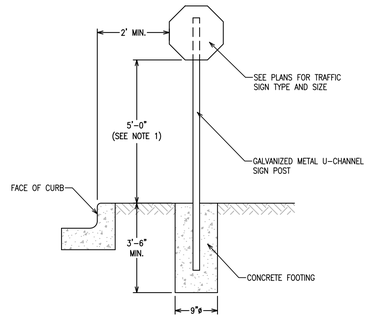


BOLLARD PLACEMENT ADJACENT TO FIRE HYDRANT





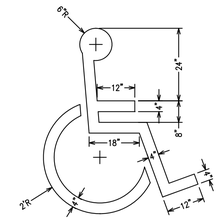
CONCRETE WHEEL STOP DETAIL



NOTES:

1. TRAFFIC SIGN POSTS SHALL BE LOCATED A MINIMUM OF 2' FROM FACE OF CURB AND SIGNS SHALL BE INSTALLED WITH A MINIMUM HEIGHT OF FIVE (5) FEET ABOVE FINISHED PAVEMENT OR GRADE ELEVATION UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
2. TRAFFIC SIGNS SHALL BE IN FURNISHED IN ACCORDANCE WITH THE LATEST U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

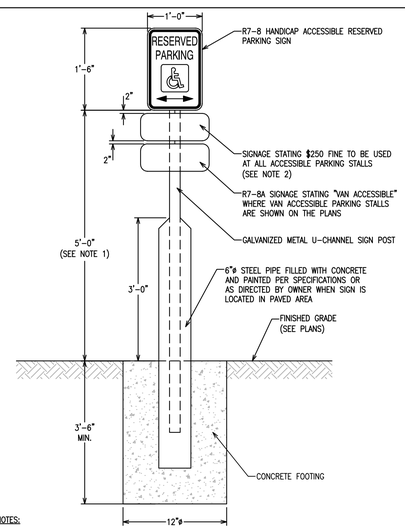
TRAFFIC SIGN DETAIL – GRASS AREA



NOTE:

1. SYMBOL SHALL BE CENTERED ON WIDTH OF PARKING STALL AND PAINTED WHITE ON BLUE BACKGROUND UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.

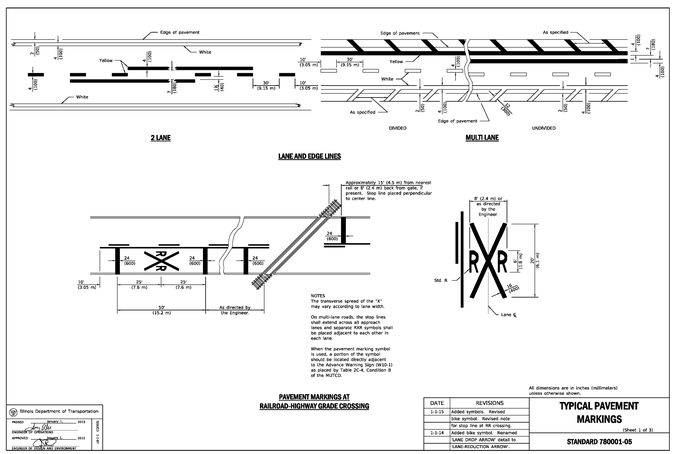
HANDICAP ACCESSIBLE PARKING SYMBOL DETAIL



NOTES:

1. ACCESSIBLE PARKING SIGNS SHALL BE CENTERED AT THE FRONT OF EACH PARKING STALL AND INSTALLED WITH A MINIMUM HEIGHT OF FIVE (5) FEET ABOVE FINISHED PAVEMENT OR GRADE ELEVATION UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
2. CONTRACTOR SHALL VERIFY FINE AMOUNT WITH LOCAL BUILDING CODES PRIOR TO INSTALLATION.

HANDICAP ACCESSIBLE PARKING SIGN DETAIL



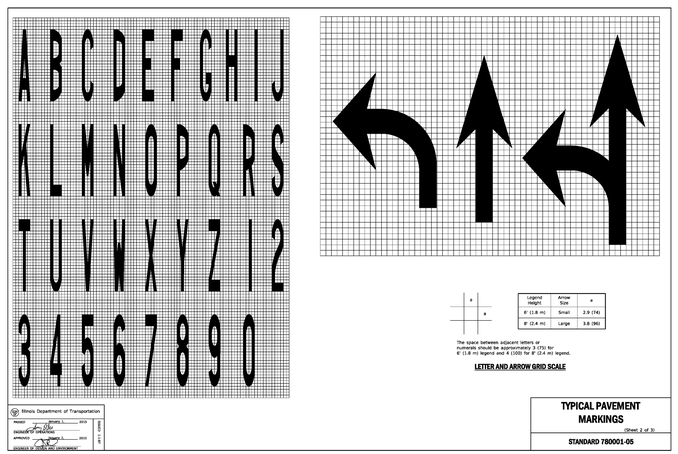
DATE	REVISIONS
1-1-15	Added symbols. Revised bike symbol. Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed LANE DROP ARROW detail to "LANE-REDUCTION ARROW".

Illinois Department of Transportation

TYPICAL PAVEMENT MARKINGS

(Sheet 1 of 3)

STANDARD 780001-05

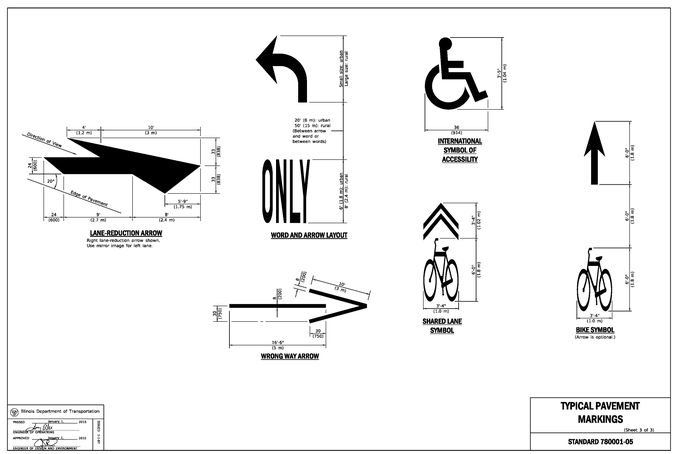


Illinois Department of Transportation

TYPICAL PAVEMENT MARKINGS

(Sheet 2 of 3)

STANDARD 780001-05



Illinois Department of Transportation

TYPICAL PAVEMENT MARKINGS

(Sheet 3 of 3)

STANDARD 780001-05

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

N.T.S.

C9.2

Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

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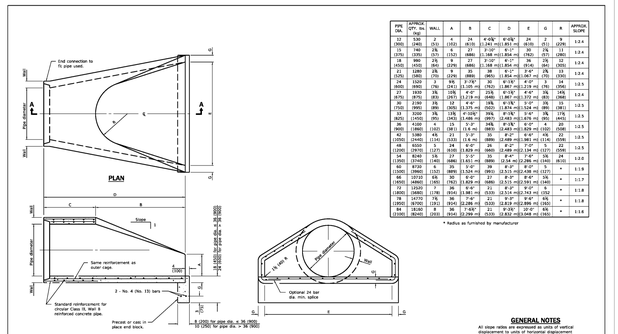


PIPE DIA.	APPROX. WEIGHT lbs. (kg)	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12 (305)	530 (240)	2 (51)	4 (102)	24 (610)	4'-6⅝" 51.63 m (1372)	9'-0⅜" 83 m (2670)	24 (610)	2 (51)	9 (229)	1:2.4
15 (381)	740 (335)	2½ (64)	5 (127)	33 (838)	5'-8¼" 64.0 m (1734)	11'-2⅝" 82 (3420)	24 (610)	2½ (64)	11 (279)	1:2.4
18 (457)	1000 (455)	3 (76)	6 (152)	27 (686)	6'-9⅞" 77.38 m (2076)	13'-5¼" 97 (4110)	24 (610)	3 (76)	13 (330)	1:2.4
21 (533)	1320 (600)	3½ (89)	7 (178)	31 (787)	7'-11½" 90.75 m (2429)	15'-7⅝" 113 (4800)	24 (610)	3½ (89)	15 (381)	1:2.4
24 (610)	1520 (690)	3 (76)	8½ (216)	8'-2⅜" 70 (1780)	9'-1⅜" 103.75 m (2787)	4'-0" 143 (6070)	3 (76)	3 (76)	24 (610)	1:0.5
27 (686)	1830 (830)	3½ (89)	9 (229)	9'-0" 77 (1960)	21½ 9'-1⅜" 114.75 m (3080)	4'-6" 176 (7480)	3½ (89)	3½ (89)	27 (686)	1:2.4
30 (762)	2150 (975)	4 (102)	10 (254)	9'-9⅞" 84 (2130)	9'-1⅜" 125.75 m (3373)	5'-0" 211 (8970)	4 (102)	4 (102)	30 (762)	1:2.4
36 (914)	2700 (1225)	4½ (114)	12 (305)	10'-7⅞" 91 (2310)	9'-1⅜" 147.75 m (3965)	5'-6" 253 (10760)	4½ (114)	4½ (114)	36 (914)	1:2.4
42 (1067)	5380 (2440)	4½ (114)	13 (330)	5'-0" 98 (2490)	10 (254)	8'-2" 274 (11650)	4½ (114)	4½ (114)	42 (1067)	1:0.5
48 (1219)	6500 (2950)	5 (127)	14 (356)	8'-0" 105 (2670)	10½ (267)	8'-2" 296 (12590)	5 (127)	5 (127)	48 (1219)	1:0.5
54 (1372)	8300 (3765)	5½ (140)	15 (381)	8'-0" 112 (2850)	11 (279)	8'-2" 317 (13480)	5½ (140)	5½ (140)	54 (1372)	1:0.5
60 (1524)	8720 (3955)	6 (152)	16 (406)	8'-0" 119 (3040)	11½ (292)	8'-2" 338 (14370)	6 (152)	6 (152)	60 (1524)	1:0.5
66 (1676)	10710 (4860)	6½ (165)	17 (432)	8'-0" 126 (3210)	12 (305)	8'-2" 359 (15270)	6½ (165)	*	66 (1676)	1:1.7
72 (1829)	12800 (5805)	7 (178)	18 (457)	8'-0" 133 (3390)	12½ (318)	8'-2" 380 (16160)	7 (178)	*	72 (1829)	1:1.8
78 (1972)	14770 (6700)	7½ (191)	19 (483)	8'-0" 140 (3560)	13 (330)	8'-2" 401 (17050)	7½ (191)	*	78 (1972)	1:1.8
84 (2134)	16980 (7700)	8 (203)	20 (508)	8'-0" 147 (3740)	13½ (343)	8'-2" 422 (17940)	8 (203)	*	84 (2134)	1:1.8

* Radius as furnished by manufacturer

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

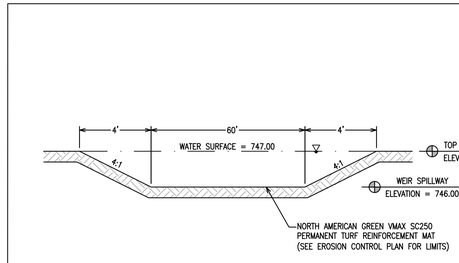
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
APPROVED: Ralph E. Anthony — DIRECTOR OF HIGHWAYS AND ENGINEER — DATE: 2021
APPROVED: Jeffrey D. Myers — DIRECTOR OF HIGHWAY ADMINISTRATION — DATE: 2021

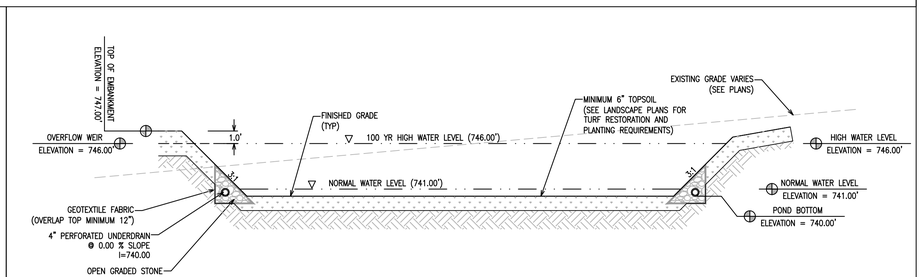
DATE	REVISIONS
1-1-21	Clarified ref. to slope dia. on Section A-A. Changed "Area" to "outlet" cage ref.
1-1-09	Switched units to English (metric).

PRECAST REINFORCED CONCRETE FLARED END SECTION

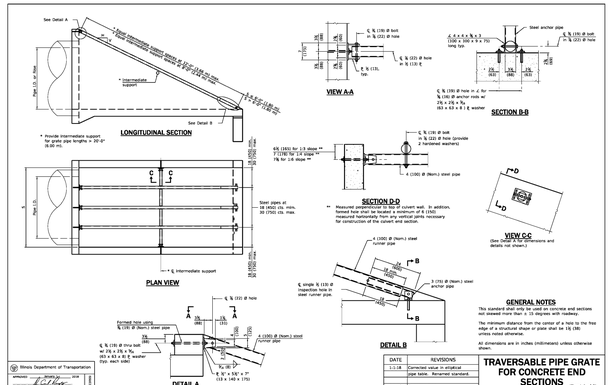
STANDARD 542301-03



DETENTION POND OVERFLOW WEIR DETAIL



DETENTION BASIN CROSS SECTION DETAIL



GENERAL NOTES

This standard shall only be used on concrete end sections not skewed more than ± 15 degrees with roadway.

The minimum distance from the center of a hole to the free edge of a structural shape or pipe shall be 1½ (38) unless noted otherwise.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
APPROVED: Ralph E. Anthony — DIRECTOR OF HIGHWAYS — DATE: 2018
APPROVED: Jeffrey D. Myers — DIRECTOR OF HIGHWAY ADMINISTRATION — DATE: 2018

DATE	REVISIONS
1-1-18	Corrected value in structural pipe table. Renamed standard.
4-1-18	Corrected typo.

TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS Sheet 1 of 2

STANDARD 542311-07

PIPE-GRATE SCHEDULE FOR PIPE CULVERT END SECTIONS

Pipe I.D. (Equiv. Round)	Slope of End Section 1:3 Main Pipe No. / Length	1:3 Int. Support No. / Length	1:3 Total Length	1:4 Main Pipe No. / Length	1:4 Int. Support No. / Length	1:4 Total Length	1:6 Main Pipe No. / Length	1:6 Int. Support No. / Length	1:6 Total Length
12" (305)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
15" (381)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
18" (457)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
21" (533)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
24" (610)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
27" (686)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
30" (762)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
36" (914)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
42" (1067)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
48" (1219)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)
54" (1372)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)
60" (1524)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)
66" (1676)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)
72" (1829)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)

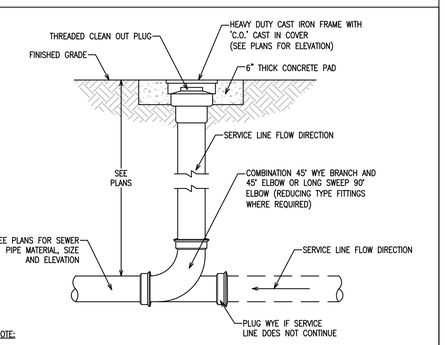
PIPE-GRATE SCHEDULE FOR ELLIPTICAL PIPE CULVERT END SECTIONS

Pipe I.D. (Equiv. Round)	Slope of End Section 1:3 Main Pipe No. / Length	1:3 Int. Support No. / Length	1:3 Total Length	1:4 Main Pipe No. / Length	1:4 Int. Support No. / Length	1:4 Total Length	1:6 Main Pipe No. / Length	1:6 Int. Support No. / Length	1:6 Total Length
24" (610)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
27" (686)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
30" (762)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
36" (914)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
42" (1067)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
48" (1219)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)
54" (1372)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)
60" (1524)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)
66" (1676)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)
72" (1829)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-8" (3.56 m)	19'-8" (5.96 m)

Illinois Department of Transportation
APPROVED: Ralph E. Anthony — DIRECTOR OF HIGHWAYS AND ENGINEER — DATE: 2018
APPROVED: Jeffrey D. Myers — DIRECTOR OF HIGHWAY ADMINISTRATION — DATE: 2018

TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS Sheet 2 of 2

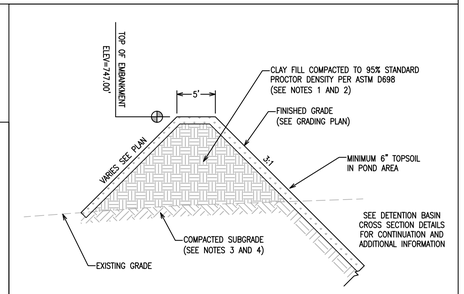
STANDARD 542311-07



NOTE:

1. SEE APPLICABLE DETAIL FOR PIPE BEDDING AND BACKFILL REQUIREMENTS.

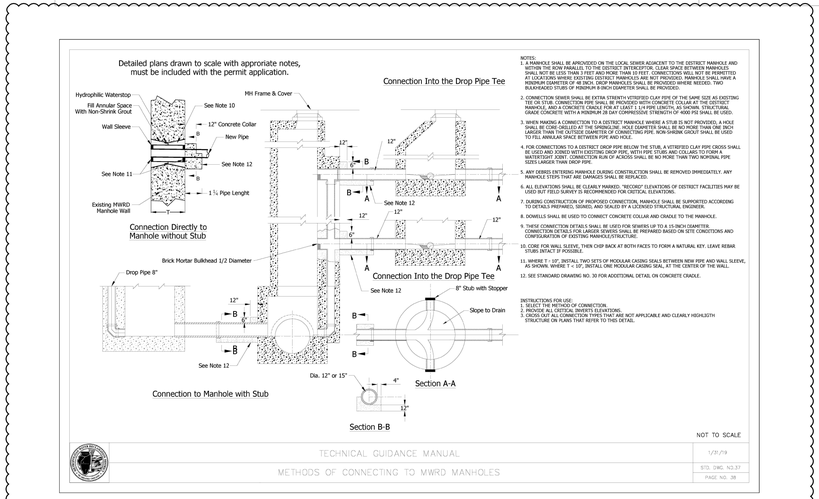
STORM SEWER CLEAN OUT DETAIL



NOTES:

1. EMBANKMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 205 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION (IDOT STANDARD SPECIFICATIONS).
2. CLAY FILL MATERIALS REQUIRED FOR THE EMBANKMENT SHALL BE PLACED IN 8" MAXIMUM LIFTS OR AS OTHERWISE DIRECTED BY A LICENSED GEOTECHNICAL ENGINEER.
3. REMOVE ALL UNSUITABLE MATERIALS BELOW EMBANKMENT AND SCARIFY EXISTING SOIL PRIOR TO EMBANKMENT CONSTRUCTION.
4. POROSITY OF EXISTING SUBGRADE SOILS AND REMOVAL OF ANY UNSUITABLE MATERIALS SHALL BE WITNESSED AND APPROVED BY A LICENSED GEOTECHNICAL ENGINEER PRIOR TO EMBANKMENT CONSTRUCTION. ALL PERMEABLE SUBGRADE SOILS ENCOUNTERED SHALL BE REMOVED AND REPLACED WITH CLAY FILL MATERIALS COMPACTED TO 90% MODIFIED PROCTOR DENSITY PER ASTM D1557.

COMPACTED CLAY EMBANKMENT DETAIL

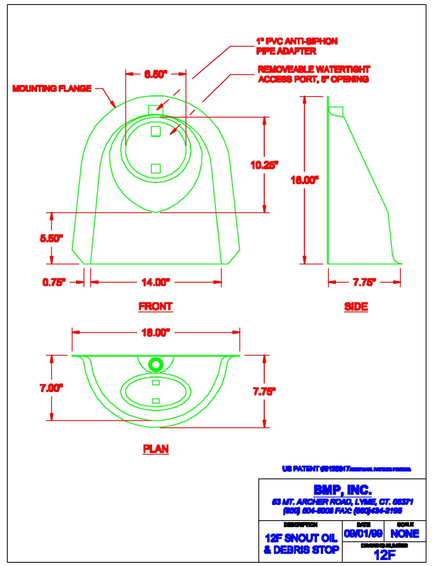


NOTES:

1. A MANHOLE SHALL BE APPOINTED ON THE LOCAL SEWER ADJACENT TO THE DISTRICT MANHOLE AND WITHIN THE ROW PARALLEL TO THE DISTRICT INTERCEPTOR. CLEAR SPACE BETWEEN MANHOLES SHALL NOT BE LESS THAN 3 FEET AND MORE THAN 10 FEET. CONNECTIONS WILL NOT BE PERMITTED AT LOCATIONS WHERE EXISTING DISTRICT MANHOLES ARE NOT PROVIDED. MANHOLE SHALL HAVE A MINIMUM DIAMETER OF 48 INCHES AND SHALL BE LARGER WHERE SPECIAL CONDITIONS NEEDED. TWO RUBAYANDED STUBS OF MINIMUM 8 INCH DIAMETER SHALL BE PROVIDED.
2. CONNECTION SEWER SHALL BE EXTRA STRENTH VITRIFIED CLAY PIPE OF THE SAME SIZE AS EXISTING TEE OR STUB. CONNECTION PIPE SHALL BE PROVIDED WITH CONCRETE COLLAR AT THE DISTRICT MANHOLE, AND A CONCRETE CRADLE FOR AT LEAST 1 LN PIPE LENGTH, AS SHOWN. STRUCTURAL GRADE CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI SHALL BE USED.
3. WHEN MAKING A CONNECTION TO A DISTRICT MANHOLE WHERE A STUB IS NOT PROVIDED, A HOLE SHALL BE CORED AND THE PIPE INSERTED. THE HOLE SHALL BE NO MORE THAN ONE INCH LARGER THAN THE OUTSIDE DIAMETER OF CONNECTING PIPE. NON-SHRINK GROUT SHALL BE USED TO FILL ANNULAR SPACE BETWEEN PIPE AND HOLE.
4. FOR CONNECTIONS TO A DISTRICT DROP PIPE BELOW THE STUB, A VITRIFIED CLAY PIPE CROSS SHALL BE USED AND JOINED WITH EXISTING DROP PIPE, WITH PIPE STUBS AND COLLARS TO FORM A WATERTIGHT JOINT. CONNECTION RUN OF ACROSS SHALL BE NO MORE THAN TWO NOMINAL PIPE SIZES LARGER THAN DROP PIPE.
5. ANY DEBRIS ENTERING MANHOLE DURING CONSTRUCTION SHALL BE REMOVED IMMEDIATELY. ANY MANHOLE STEPS THAT ARE DAMAGES SHALL BE REPLACED.
6. ALL ELEVATIONS SHALL BE CLEARLY MARKED, "RECORD" ELEVATIONS OF DISTRICT FACILITIES MAY BE USED BUT FIELD SURVEY IS RECOMMENDED FOR CRITICAL ELEVATIONS.
7. DURING CONSTRUCTION OF PROPOSED CONNECTION, MANHOLE SHALL BE SUPPORTED ACCORDING TO DETAILS PREPARED, SIGNED, AND SEALED BY A LICENSED STRUCTURAL ENGINEER.
8. DOWELS SHALL BE USED TO CONNECT CONCRETE COLLAR AND CRADLE TO THE MANHOLE.
9. THESE CONNECTION DETAILS SHALL BE USED FOR SEWERS UP TO A 15-INCH DIAMETER. CONNECTION DETAILS FOR LARGER SEWERS SHALL BE PREPARED BASED ON SITE CONDITIONS AND CONFIGURATION OF EXISTING MANHOLE/STRUCTURE.
10. CORE FOR WALL SLEEVE, THEN CHIP BACK AT BOTH FACES TO FORM A NATURAL KEY. LEAVE REBAR STUBS INTACT IF POSSIBLE.
11. WHERE T = 10", INSTALL TWO SETS OF MODULAR CASING SEALS BETWEEN NEW PIPE AND WALL SLEEVE, AS SHOWN. WHERE T = 10", INSTALL ONE MODULAR CASING SEAL AT THE CENTER OF THE WALL.
12. SEE STANDARD DRAWING NO. 30 FOR ADDITIONAL DETAIL ON CONCRETE CRADLE.

INSTRUCTIONS FOR USE:
1. SELECT THE METHOD OF CONNECTION.
2. PROVIDE ALL CRITICAL INVERTS ELEVATIONS.
3. CROSS OUT ALL CONNECTION TYPES THAT ARE NOT APPLICABLE AND CLEARLY HIGHLIGHTH STRUCTURE ON PLANS THAT REFER TO THIS DETAIL.

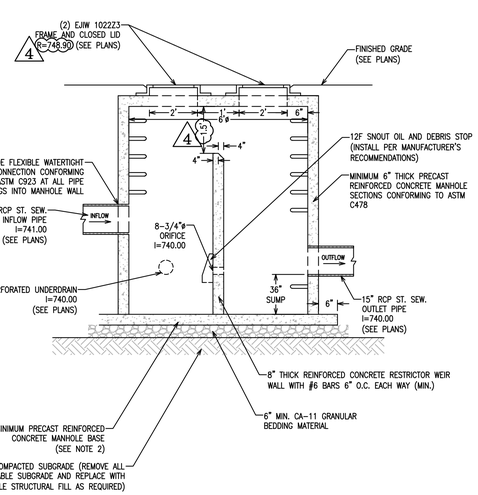
4

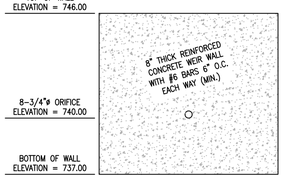


US PATENT 6918697 Patented, Another Patent Pending

BMP, INC.
63 MT. ARCHER ROAD, LYME, CT. 06371
(860) 434-8625 FAX: (860)434-3195

DESCRIPTION	DATE	SCALE
12F SNOUT OIL & DEBRIS STOP	08/01/00	NONE
	DRAWING NUMBER	12F





RESTRICTOR WEIR WALL

NOTES:

1. SEE PLANS FOR OUTLET CONTROL STRUCTURE LOCATION AND ORIENTATION.
2. PRECAST REINFORCED MONOLITHIC CONCRETE MANHOLE BOTTOM WITH INTEGRAL SIDEWALLS CAN BE SUBSTITUTED IN PLACE OF THE CONCRETE BOTTOM SLAB DESIGN SHOWN.
3. MANHOLE BARREL SECTIONS SHALL BE TONGUE AND GROOVE TYPE.
4. CONTINUOUS LAYER OF NON-HARDENING, PREFORMED, BITUMINOUS, MASTIC MATERIAL (RAMNEK OR APPROVED EQUAL) SHALL BE APPLIED TO EACH MANHOLE JOINT TO PREVENT INFLOW.
5. ALL INTERIOR MANHOLE JOINTS SHALL BE MORTARED WITH HYDRAULIC CEMENT
6. FLAT-TOP REINFORCED CONCRETE SLAB SHALL BE DESIGNED FOR HS-20 TRAFFIC LOADING.
7. PRECAST CONCRETE ADJUSTING RINGS SHALL CONFORM TO ASTM C39 (COMPRESSIVE STRENGTH TEST). MAXIMUM ALLOWABLE HEIGHT FOR ADJUSTING RINGS SHALL BE 8".

6'ø RESTRICTOR CATCH BASIN #54 DETAIL

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

DETAILS

623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

F076a
N.T.S.
C9.3

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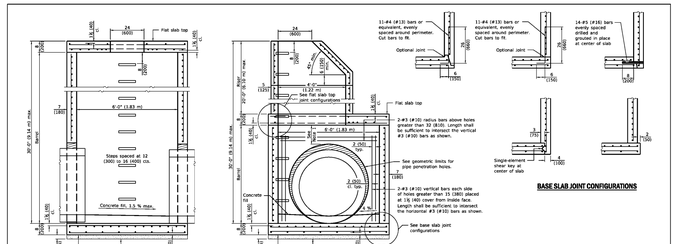


SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

BASE SLAB JOINT CONFIGURATIONS

FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 30 (810).

Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

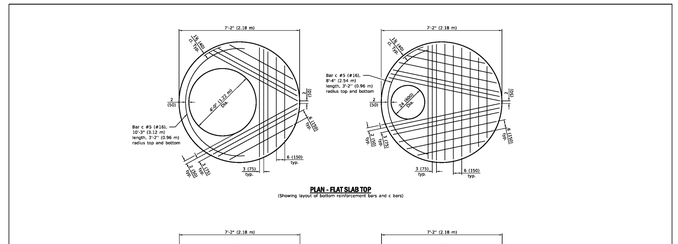
All dimensions are in inches (millimeters) unless otherwise noted.

DATE	REVISIONS
1-1-21	Revised Note 1, Note 2 and lifting hole general note.
3-1-19	Moved wall reinforcement from inside face to middle.

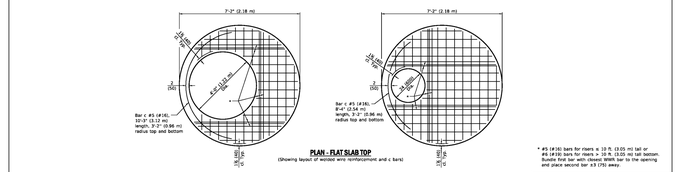
Illinois Department of Transportation

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
(Sheet 1 of 3)

STANDARD 602406-11



PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)



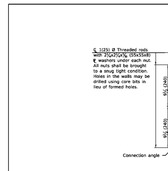
PLAN - FLAT SLAB TOP
(Showing layout of welded wire reinforcement and c bars)

* #5 (#16) bars for risers ≤ 10 ft. (3.05 m) tall or #6 (#19) bars for risers > 10 ft. (3.05 m) tall bottom. #5 (#16) bars, Bundle with closest WWR bar to the opening and place second bar ±3 (75) away.

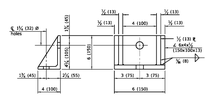
PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
(Sheet 2 of 3)

STANDARD 602406-11

Illinois Department of Transportation



JOINT SPLICE



CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser height (ft=)	WWR (each direction)		Rebar (each direction except as noted)		
		A_s (mm.)	Spacing (max.)	A_s (mm.)	Spacing (max.)	Bar Size
Top Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #5 (#10) (#16)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)
	RH ≤ 10 ft. (3.05 m)	** 0.68 sq. in./ft. (1963 sq. mm/m)	6 (150)			#6 (#19)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
6 ft. (1.83 m) Ø Barrel	Circumferential	0.11 sq. in./ft. (381 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) or TH ≤ 20 ft. (6.10 m)	0.09 sq. in./ft. (191 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.13 sq. in./ft. (847 sq. mm/m)	6 (150)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
(Sheet 3 of 3)

STANDARD 602406-11

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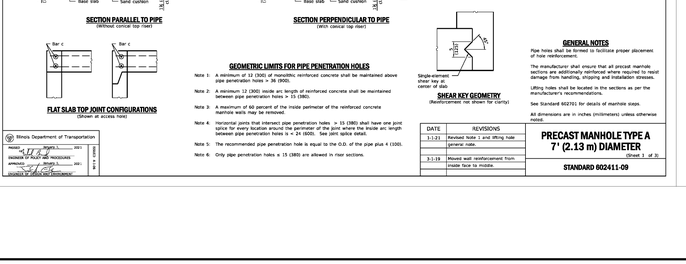

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-20	Revised dimension in Section B-B of cast open lid.
1-1-15	Revised dimensioning of frame. Added ADA compliant open lid.
1-1-09	Switched units to English (metric)

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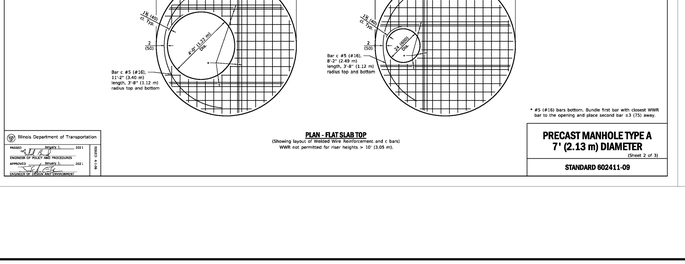
FRAME AND LIDS
TYPE 1

STANDARD 604001-05



FLAT SLAB TOP JOINT CONFIGURATIONS
FOR D = 36 (900) AND D = 4'-0" (1.22 m)
(Shown at access hole)

SECTION THRU FLAT SLAB TOP
FOR D = 36 (900) AND D = 4'-0" (1.22 m)

PLAN - FLAT SLAB TOP FOR D = 36 (900)
(Showing layout of reinforcement bars and c bars)

SECTION THRU FLAT SLAB TOP
FOR D = 5'-0" (1.52 m)

PLAN - FLAT SLAB TOP FOR D = 36 (900)
(Showing layout of welded wire reinforcement and c bars)

TABLE

D	T	D_1 (Max.)	I
36 (900)	4'-0" (1.2 m)	5'-0" (1.5 m)	6 (150)
See manufacturer's recommendations			6 (150)
			8 (200)

GENERAL NOTES

The flat slab top may be used in lieu of the tapered topn shown on Standards 602001, 602018, or 602306 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-19	Expanded / refined reinforcement options.
1-1-18	Revised for compliance with LRFD.

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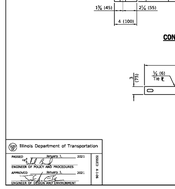
PRECAST REINFORCED
CONCRETE FLAT SLAB TOP
(Sheet 1 of 2)

STANDARD 602601-06



PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)
(Showing layout of welded wire reinforcement and c bars)

PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)
(Showing layout of welded wire reinforcement and c bars)

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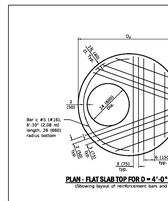
PRECAST REINFORCED
CONCRETE FLAT SLAB TOP
(Sheet 2 of 2)

STANDARD 602601-06



FLAT SLAB TOP FOR D = 36 (900)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

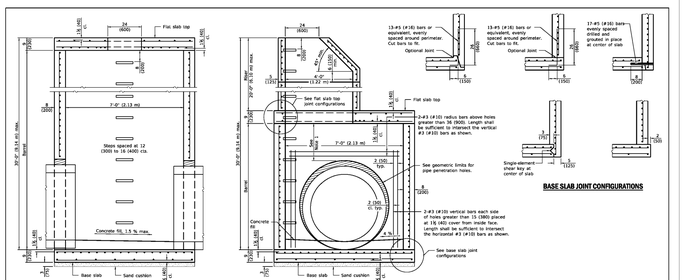
FLAT SLAB TOP FOR D = 4'-0" (1.22 m)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

FLAT SLAB TOP FOR D = 5'-0" (1.52 m)

Location	WWR (each direction)		Rebar (each direction except as noted)		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	* 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

* Only one layer of WWR permitted to avoid congestion.



SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

BASE SLAB JOINT CONFIGURATIONS

FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 13 (330) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 36 (900).

Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

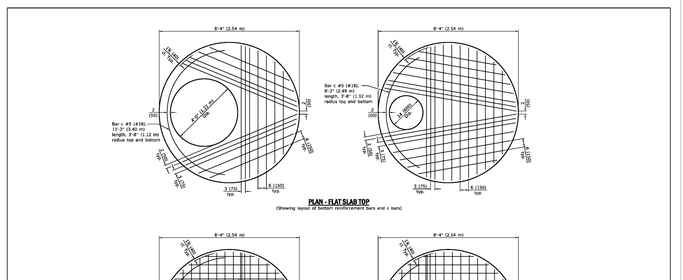
All dimensions are in inches (millimeters) unless otherwise noted.

DATE	REVISIONS
1-1-21	Revised Note 1 and lifting hole general note.
3-1-19	Moved wall reinforcement from inside face to middle.

Illinois Department of Transportation

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
(Sheet 1 of 3)

STANDARD 602411-09



PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)

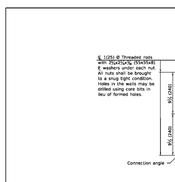
PLAN - FLAT SLAB TOP
(Showing layout of welded wire reinforcement and c bars)
WWR not permitted for riser heights > 10' (3.05 m).

* #5 (#16) bars bottom. Bundle first bar with closest WWR bar to the opening and place second bar ±3 (75) away.

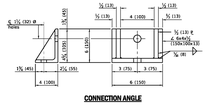
PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
(Sheet 2 of 3)

STANDARD 602411-09

Illinois Department of Transportation



JOINT SPLICE



CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR (each direction)		Rebar (each direction except as noted)		
		A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)
	RH > 10 ft. (3.05 m)	WWR not permitted				#6 (#19)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
7 ft. (2.13 m) Ø Barrel	Circumferential	0.11 sq. in./ft. (445 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.09 sq. in./ft. (677 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.13 sq. in./ft. (1111 sq. mm/m)	6 (150)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
(Sheet 3 of 3)

STANDARD 602411-09

Illinois Department of Transportation

JOINT SPLICE

CONNECTION ANGLE

TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR (each direction)		Rebar (each direction except as noted)		
		A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)
	RH > 10 ft. (3.05 m)	WWR not permitted				#7 (#22)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
7 ft. (2.13 m) Ø Barrel	Circumferential	0.11 sq. in./ft. (445 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.09 sq. in./ft. (677 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.13 sq. in./ft. (1111 sq. mm/m)	6 (150)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
(Sheet 3 of 3)

STANDARD 602411-09

Illinois Department of Transportation

DETAILS	No.	Description	Date
	1	PRELIMINARY PD SUBMITTAL	9/21/21
	2	REVISED PER VILLAGE	10/28/21
	3	FINAL PD SUBMITTAL	1/14/22
	4	REVISED PER VILLAGE	2/28/22

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LOGISTICS PROPERTY COMPANY
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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

GENERAL NOTES

1. ALL PAVING AND RELATED CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION BY ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SUBDIVISION REGULATIONS OF THE MUNICIPALITY. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.

2. ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, AND IN ACCORDANCE WITH THE CURRENT SUBDIVISION REGULATIONS OF THE MUNICIPALITY UNLESS OTHERWISE NOTED ON THE PLANS.

3. STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123, AND THE MUNICIPALITY FOR UTILITY LOCATIONS.

5. NO CONSTRUCTION PLAN SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION." PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

6. NOTIFICATION OF COMMENCING CONSTRUCTION

6.1. THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR HIS REPRESENTATIVE AND THE AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES, EITHER MUNICIPALITY'S OR THE OWNER'S, SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE VILLAGE AND ENGINEER PRIOR TO THE START OF CONSTRUCTION.

6.2. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES TO BE UNABLE TO VISIT SITE AND PERFORM TESTING WILL CAUSE CONTRACTOR TO SUSPEND OPERATION (PERTAINING TO TESTING) UNTIL TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK TO BE BORNE BY CONTRACTOR.

7. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC. AT NO TIME SHALL ACCESS BE DENIED TO PROPERTIES SURROUNDING THE SITE.

8. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS OTHERWISE SPECIFIED.

9. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET AT CONTRACTOR'S COST.

10. ALL FRAMES AND LIDS FOR STORM AND SANITARY SEWER STRUCTURES ARE TO BE ADJUSTED TO MEET FINAL FINISH GRADE. THIS ADJUSTMENT IS TO BE MADE BY THE SEWER CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVIATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY THE VILLAGE UPON FINAL INSPECTION OF THE PROJECT. FINAL GRADES TO BE DETERMINED BY THE VILLAGE AT THE TIME OF FINAL INSPECTION AND MAY VARY FROM PLAN GRADE.

11. ANY EXISTING SIGNS, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND NOT NOTED FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT HIS OWN EXPENSE AS DIRECTED BY THE ENGINEER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.

12. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE. HE IS RESPONSIBLE FOR ANY PERMIT REQUIRED FOR SUCH DISPOSAL.

13. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR SHALL BE RESTORED TO PROPER OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BY THE OWNER AND/OR PROJECT GOVERNING AUTHORITY.

14. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE DURING THAT PERIOD.

15. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED BY THE OWNER AND MUNICIPALITY.

16. UPON AWARDING OF THE CONTRACT AND WHEN REQUIRED BY THE MUNICIPALITY, THE CONTRACTOR SHALL FURNISH A LABOR, MATERIAL AND PERFORMANCE BOND AND INSURANCE IN THE AMOUNT REQUIRED BY THE MUNICIPALITY GUARANTEEING COMPLETION OF THE WORK. THE UNDERWRITER SHALL BE ACCEPTABLE TO THE MUNICIPALITY.

17. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO KNOWN AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, JACOB AND HEFNER ASSOCIATES, INC. IS RESPONSIBLE TO RESOLVE THE CONFLICT. JACOB AND HEFNER ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE COST OF CONSTRUCTION.

18. OWNER SHALL OBTAIN EASEMENTS AND PERMITS NECESSARY TO FACILITATE CONSTRUCTION OF THE PROPOSED UTILITIES. THE CONTRACTOR, HOWEVER, SHALL FURNISH ALL REQUIRED BONDS AND EVIDENCE OF INSURANCE NECESSARY TO SECURE THESE PERMITS.

19. THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.

20. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB IN ACCORDANCE WITH OSHA REGULATIONS.

21. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS, STAKES OR LATH SET BY SURVEYORS FOR CONSTRUCTION, AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.

22. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC AND PEDESTRIANS WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, LATEST EDITION AND IN CONFORMANCE WITH REGULATIONS OF THE MUNICIPALITY OR D.O.T.

23. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE VILLAGE. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE VILLAGE PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE AND PRIOR TO POURING ANY CONCRETE AFTER FORMS HAVE BEEN SET.

24. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.

25. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

26. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

27. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED LANDSCAPE ARCHITECT AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.

28. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE.

29. ALL CUTS OVER ONE-INCH IN DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH. WOUNDS OVER ONE-INCH IN DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT.

30. ANY DEWATERING OF SEWER AND WATER TRENCHES AS WELL AS TEMPORARY SHEETING OR BRACING THAT MAY BE REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT BE CONSIDERED EXTRA WORK. IN THE EVENT THAT SOFT MATERIALS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSF ARE ENCOUNTERED IN SEWER AND WATER MAIN CONSTRUCTION, THE CONTRACTOR SHALL (UPON APPROVAL OF THE OWNER AND/OR ENGINEER) OVER-EXCAVATE TO A DEPTH OF AT LEAST ONE (1) FOOT BELOW THE BOTTOM OF THE PIPE AND BACKFILL WITH COMPACTED CRUSHED STONE, PROPERLY FORMED TO FIT THE BOTTOM OF THE PIPE.

31. CONTRACTOR SHALL RECORD VIDEO OF THE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS. A COPY OF THE VIDEO SHALL BE PROVIDED TO THE VILLAGE.

32. TRENCH BACKFILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE ALL UNDERGROUND UTILITIES WITHIN TWO FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, BUILDINGS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL BE DONE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS. THE TRENCH BACKFILL MATERIAL SHALL CONSIST OF CRUSHED GRAVEL CONFORMING TO IDOT GRADATION CA-7.

33. WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE.

GENERAL NOTES (CONT.)

34. HYDRANTS SHALL NOT BE FLUSHED DIRECTLY ONTO THE ROAD SUBGRADES. WHEREVER POSSIBLE, HOSES SHALL BE USED TO DIRECT THE WATER INTO STORM SEWERS. DAMAGE TO THE ROAD SUBGRADE OR LOT AREAS DUE TO EXCESSIVE WATER SATURATION AND/OR EROSION FROM HYDRANT FLUSHING OR FROM LEAKS IN THE WATER DISTRIBUTION SYSTEM, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR FLUSHING OR USING THE HYDRANT TO MAKE ALL NECESSARY REPAIRS AT HIS EXPENSE. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION WATER AT HIS EXPENSE.

35. AFTER THE STORM SEWER SYSTEM HAS BEEN CONSTRUCTED THE CONTRACTOR SHALL PLACE EROSION CONTROL AT LOCATIONS SHOWN ON THE PLANS OR AS SELECTED IN THE FIELD BY THE ENGINEER. INLET PROTECTION (INLET BASKETS) SHALL BE INSTALLED IN EACH STRUCTURE AS SOON AS THE STRUCTURE INSTALLATION IS COMPLETE. THE PURPOSE OF THE EROSION CONTROL WILL BE TO MINIMIZE THE AMOUNT OF SILTATION, WHICH NORMALLY WOULD ENTER THE STORM SEWER SYSTEM FROM ADJACENT AND/OR UPSTREAM DRAINAGE AREAS.

36. EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ILLINOIS URBAN MANUAL AND SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS ACCEPTABLE TO THE ENGINEER HAS BEEN DEVELOPED.

37. UPON PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE FINAL RECORD DRAWINGS TO THE OWNER AND ENGINEER FOR REVIEW PRIOR TO ANY REQUEST FOR FINAL INSPECTION. AT A MINIMUM, THE RECORD DRAWINGS SHALL INDICATE THE FINAL LOCATION AND LAYOUT OF ALL SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, VERIFICATION OF ALL BUILDING PAD AND FINISHED FLOOR ELEVATIONS, UTILITY RIM AND INVERT ELEVATIONS, SPOT GRADE ELEVATIONS, LOCATIONS OF ALL WATER SERVICE B-BOXES, SANITARY SEWER SERVICES, AND STORM SEWER SERVICES AND SHALL INCORPORATE ALL FIELD DESIGN CHANGES INCLUDING THOSE APPROVED BY THE OWNER, ENGINEER AND/OR PROJECT GOVERNING AUTHORITY. RECORD DRAWINGS SHALL BE PREPARED BY OR UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR.

38. RECORD DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE AT THE COMPLETION OF THE PROJECT AND PRIOR TO ACCEPTING THE IMPROVEMENTS.

EARTHWORK

1. TOPSOIL EXCAVATION

A. TOPSOIL, ORGANIC MATERIAL, OR ANY OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM AREAS REQUIRING STRUCTURAL FILL.

B. PLACEMENT OF EXCAVATED MATERIAL SHALL BE DESIGNATED BY THE OWNER FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED OR AS FILL IN THE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL.

C. EXCESS MATERIALS NOT UTILIZED AS FILL OR NOT STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

2. EARTH EXCAVATION

A. EXCAVATION OF EARTH AND OTHER MATERIALS, WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL SHALL BE WITHIN A TOLERANCE OF 0.05 FEET FOR PADS AND PAVEMENT, AT 0.1 FEET +/- OF THE PLAN SUBGRADE ELEVATIONS. THE +/- TOLERANCE WITHIN PAVEMENT AREAS UTILIZING EARTH MATERIALS SHALL "BALANCE" AS PART OF THE FINE GRADING OPERATION.

B. PLACEMENT OF EARTH AND OTHER SUITABLE MATERIALS SHALL BE PLACED WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS WITHIN A TOLERANCE OF 0.1 FEET +/-. THE FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS, NOT EXCEED EIGHT INCHES IN THICKNESS. THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE THE REQUIRED COMPACTION. EARTH MATERIAL MAY BE PLACED WITHIN THOSE AREAS OF THE SITE NOT REQUIRING STRUCTURAL FILL, WITHIN THE PLAN SUBGRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL, THE EARTH MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS. THE STRUCTURAL SUBGRADE AREA SHALL EXTEND TO THE ZONE OF INFLUENCE IN ALL FILL AREAS.

C. COMPACTION OF THE EARTH AND OTHER SUITABLE MATERIALS SHALL BE TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR DRY DENSITY. THIS INCLUDES AREAS WITHIN PROPOSED PAVEMENT AND BUILDING PAD LOCATIONS, SIDEWALKS, ETC. IN NON-STRUCTURAL FILL AREAS, 90% TO 95% OF THE MODIFIED PROCTOR DRY DENSITY IS REQUIRED.

3. UNSUITABLE MATERIAL

A. UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL THAT IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION. IF IT IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION, IT SHALL BE REMOVED AND REPLACED WITH SELECT GRANULAR MATERIAL APPROVED BY THE SOILS ENGINEER. THE DECISION TO REMOVE SAID MATERIAL AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.

4. THE GRADING CONTRACTORS RESPONSIBILITIES

A. MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.

B. SPREAD AND COMPACT UNIFORMLY ALL EXCESS TRENCH SPOIL, AS SPECIFIED, AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS.

C. SCARIFY AND COMPACT THE UPPER 12 INCHES OF THE SUITABLE SUBGRADE MATERIAL, AS SPECIFIED, IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE CONTENT. THIS APPLIES TO CUT AREAS AS WELL AS FILL AREAS.

D. PROVIDE ADDITIONAL WATER TO DRY MATERIAL TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.

E. BACKFILL THE CURB AND GUTTER AFTER CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL.

F. ACCOUNTABLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES" AS DESCRIBED ON THE PLANS. ALL CONTRACTORS SHALL COMPLY WITH THE SWPPP AND NPDES REQUIREMENTS.

G. PERFORM LIME STABILIZATION OF THE SUBGRADE MATERIAL IF REQUIRED BY THE SOILS ENGINEER.

5. TESTING AND FINAL ACCEPTANCE

A. THE CONTRACTOR SHALL PROVIDE, AS A MINIMUM, A TANDEM AXLE TRUCK LOADED TO 14 TONS FOR PROOF ROLLING THE PAVEMENT SUBGRADE. PROOF ROLLING SHALL BE PERFORMED PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER AND BASE MATERIAL. THIS SHALL BE WITNESSED AND APPROVED BY THE MUNICIPAL ENGINEER AND OWNER.

B. ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING, SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL APPROVED BY THE SOILS CONSULTANT. PROOF ROLLING SHALL BE PERFORMED UNTIL THE SUBGRADE IS APPROVED BY THE MUNICIPAL ENGINEER, OWNER AND SOILS ENGINEER.

C. THE WORK AREAS SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.

PAVEMENT

1. FINE GRADING

A. PRIOR TO THE CONSTRUCTION OF CURB AND GUTTER AND PLACEMENT OF THE BASE MATERIAL, THE STREETS SHALL BE FINE GRADED TO WITHIN 0.05 FEET OF FINAL SUBGRADE ELEVATION, TO A POINT TWO FEET BEYOND THE BACK OF CURB.

2. CURB AND GUTTER

A. THE TYPE OF THE CURB AND GUTTER SHALL BE AS DETAILED ON THE ENGINEERING PLANS.

B. THE CURBS SHALL BE BACKFILLED AFTER CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE.

C. THE STONE COST UNDER THE CURB AND GUTTER SHALL BE CONSIDERED INCIDENTAL.

D. DEPRESSED CURBS FOR DRIVEWAYS AND HANDICAPPED RAMPS SHALL BE INSTALLED PER THE PLANS AND IDOT STANDARDS.

3. PAVEMENT

A. THE PAVEMENT MATERIALS SHALL BE AS DETAILED ON THE ENGINEERING PLANS. DEPTHS SPECIFIED SHALL BE CONSIDERED THE MINIMUM COMPACTED THICKNESS.

4. GENERAL

THE PAVING CONTRACTOR SHALL:

A. REPAIR ANY BASE COURSE AND BINDER COURSE FAILURES PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE.

B. SWEEP CLEAN THE BINDER COURSE PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE. ANY DAMAGE TO THE BINDER COURSE SHALL BE REPAIRED BY THE CONTRACTORS AT NO ADDITIONAL COST TO THE OWNER.

D. PROVIDE CONSTRUCTION, EXPANSION AND CONTRACTION JOINTS FOR CURB AND GUTTER AND P.C.C. SIDEWALK PER IDOT STANDARDS AND MUNICIPAL STANDARDS.

E. REMOVE ALL EXCESS MATERIALS AND DEBRIS. DISPOSE OF MATERIALS OFF-SITE AT NO ADDITIONAL COST TO THE OWNER.

5. TESTING AND FINAL ACCEPTANCE

A. PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF ROLLED AND INSPECTED FOR UNSUITABLE LOCATIONS. IF UNSUITABLE SUBGRADE IS ENCOUNTERED, IT SHALL BE REMOVED AND REPLACED WITH GRANULAR MATERIAL APPROVED BY THE OWNER OR HIS REPRESENTATIVE. THE SUBGRADE SHALL HAVE A MINIMUM IBR VALUE OF 3.0.

B. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED AND AS REQUIRED. THICKNESS VERIFICATION WILL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

C. FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO THE TESTING AND VERIFICATION REQUIREMENTS CITED ABOVE.

6. METHOD OF MEASUREMENT

A. CURB AND GUTTER AND BASE COURSE SHALL BE MEASURED IN THE FIELD BY THE CONTRACTOR. THE QUANTITIES SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION WHEN REQUESTED BY THE OWNER.

B. WHEN REQUESTED BY THE OWNER, DOCUMENTATION FOR THE INSTALLED BASE COURSE, BITUMINOUS CONCRETE BINDER AND SURFACE COURSE, SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION AS REQUIRED BY THE MUNICIPALITY. WHERE DIRECTED, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE BITUMINOUS CONCRETE WITH A CORE DRILL TO CONFIRM THE PLAN THICKNESS. DEFICIENCIES IN THICKNESS SHALL BE ADJUSTED BY THE METHOD DESCRIBED IN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

7. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND SAFE TRAFFIC MANAGEMENT WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION. THIS SHALL BE IN ACCORDANCE WITH THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY.

8. LONGITUDINAL JOINT CONSTRUCTION

A. AS MANY LONGITUDINAL JOINTS AS PRACTICAL SHALL BE CLOSED AT THE END OF EACH DAY OF PAVING. A TACK COAT SHALL BE APPLIED TO THE "COLD" SIDE OF THE LONGITUDINAL JOINT PRIOR TO THE PLACEMENT OF THE HOT SIDE MAT.

B. LONGITUDINAL JOINT CONSTRUCTION SHALL BE COMPLETED BEFORE THE "COLD" SIDE OF THE JOINT FALLS BELOW 200°F.

C. IN THE EVENT THE TEMPERATURE OF THE "COLD" SIDE OF A JOINT FALLS BELOW 200°F PRIOR TO JOINT CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL PERFORM THE FOLLOWING:
   1. HEAT THE COLD SIDE JOINT TO 200°F EITHER BY MEANS OF A HAND TORCH OR AN INFRARED HEATER. THE CONTRACTOR SHALL AVOID BURNING THE ASPHALT DURING REHEATING.
   2. APPLY TACK COAT TO THE REHEATED JOINT PRIOR TO ASPHALT PLACEMENT.

D. THE CONTRACTOR SHALL OFFSET SURFACE COURSE JOINTS FROM BINDER COURSE JOINTS, WHEREVER PRACTICABLE.

9. LONGITUDINAL JOINT DENSITY SPECIFICATIONS

A. COMPLETED LONGITUDINAL JOINTS SHALL BE ASSESSED BASED ON SECTION 1030 OF THE STANDARD SPECIFICATIONS AND THE "HOT MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS" (BDE) AS FOLLOWS:

LONGITUDINAL JOINT DENSITY TESTING SHALL BE PERFORMED AT EACH RANDOM DENSITY TEST LOCATION. LONGITUDINAL JOINT TESTING SHALL BE LOCATED AT A DISTANCE EQUAL TO THE LIFT THICKNESS OR A MINIMUM OF TWO INCHES FROM EACH PAVEMENT EDGE; I.E. FOR A FOUR INCH LIFT, THE NEAR EDGE OF THE DENSITY GAUGE OR CORE BARREL SHALL BE WITHIN FOUR INCHES FROM THE EDGE OF PAVEMENT. LONGITUDINAL JOINT DENSITY TESTING SHALL BE PERFORMED USING EITHER A CORRELATED NUCLEAR GAUGE OR CORES.

1. CONFINED EDGE: EACH CONFINED EDGE DENSITY TEST SHALL BE REPRESENTED BY A ONE MINUTE NUCLEAR DENSITY READING OR A CORE DENSITY. THE TESTING SHALL BE INCLUDED IN THE AVERAGE OF DENSITY READINGS OR CORE DENSITIES TAKEN ACROSS THE MAT, WHICH REPRESENTS THE INDIVIDUAL TEST.

2. UNCONFINED EDGE: EACH UNCONFINED EDGE JOINT DENSITY TEST SHALL BE REPRESENTED BY AN AVERAGE OF THREE, ONE MINUTE DENSITY READINGS OR A SINGLE CORE DENSITY AT THE GIVEN DENSITY TEST LOCATION. THE TESTING SHALL MEET THE DENSITY REQUIREMENTS SPECIFIED HEREIN. THE THREE, ONE MINUTE READINGS SHALL BE SPACED TEN FEET APART LONGITUDINALLY ALONG THE UNCONFINED PAVEMENT EDGE AND CENTERED AT THE RANDOM DENSITY TEST LOCATION.

DENSITY CONTROL LIMITS TABLE

MIXTURE COMPOSITION	PARAMETER	INDIVIDUAL TEST (INCLUDES CONFINED EDGES)	UNCONFINED EDGE JOINT DENSITY MINIMUM
IL-9.5, IL12.5	Ndesign >= 90	92.0-96.0%	90%
IL-9.5, IL9.5L, IL-12.5	Ndesign < 90	92.5-97.4%	90%
IL-19.0, IL-25.0	Ndesign >= 90	93.0-96.0%	90%
IL-19.0, IL-19.0L, IL-25.0	Ndesign < 90	93.0-97.4%	90%
SMA	Ndesign = 50 & 80	93.5-97.4%	91%
ALL OTHER	Ndesign = 30	93.0-97.4%	90%

SANITARY SEWER

1. UNLESS OTHERWISE NOTED ON THE PLANS, ALL SANITARY SEWER SHALL BE RING-TITE PVC (POLYVINYL CHLORIDE) PLASTIC PIPE. ALL PIPE SHALL CONFORM TO ASTM D-3034 WITH ELASTOMERIC RUBBER RING GASKET JOINTS CONFORMING TO ASTM D-3212. THE STANDARD DIMENSION RATIO (SDR) FOR SANITARY PIPE SHALL BE 26. WHERE SPECIFIED, PVC SDR 21 SANITARY SEWER SHALL BE RING-TITE PVC (POLYVINYL CHLORIDE) PLASTIC PIPE, CONFORMING TO ASTM D-2241 WITH ELASTOMERIC RUBBER RING GASKET JOINTS CONFORMING TO ASTM D3139. THE PVC DR18 SANITARY SEWER SHALL CONFORM TO AWWA C900/C905, WITH RUBBER GASKET JOINTS CONFORMING TO AWWA C900/C905.

2. WHERE SANITARY SEWER PIPE IS NOTED AS PVC C900, THE PIPE SHALL BE IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION (AWWA) C900 WITH WATERTIGHT, PRESSURE RATED JOINTS CONFORMING TO ASTM D3139.

3. CONNECTING SEWER PIPE OF DISSIMILAR MATERIAL IS NOT PERMITTED.

4. ALL FLOOR DRAINS SHALL CONNECT TO THE SANITARY SEWER. CONNECTIONS TO EXISTING SANITARY SEWER SYSTEM SHALL NOT BE COMPLETED UNTIL AUTHORIZED BY THE MUNICIPALITY.

5. ALL UNSUITABLE MATERIAL SHALL BE REMOVED BELOW THE PROPOSED SANITARY SEWER AND REPLACED WITH COMPACTED CRUSHED GRAVEL, CONFORMING TO ASTM D-2321, CL I.

6. COST FOR PIPE BEDDING SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER.

7. PIPE BEDDING SHALL CONSIST OF A MINIMUM OF SIX INCHES OF COMPACTED CRUSHED GRAVEL, IDOT GRADATION CA-7, FOR ALL SANITARY SEWERS. SANITARY SEWER PIPE SHALL HAVE TAMPED CRUSHED GRAVEL, IDOT GRADATION CA-7, COVER ABOVE THE TOP OF PIPE, TO A MINIMUM OF 12 INCHES. THE BEDDING AND TRENCH BACKFILL MATERIAL SHALL CONFORM TO IDOT GRADATION CA-7 AND INSTALLED PER ASTM D-2321 CLASS I.

8. WATER MAINS SHALL BE SEPARATED FROM SANITARY SEWERS AND STORM SEWERS IN ACCORDANCE WITH IEPA REQUIREMENTS AS SPECIFIED IN THE "WATER MAIN" SECTION.

9. NO WATER LINE SHALL BE PLACED IN THE SAME TRENCH AS A SEWER LINE.

10. THE TESTING OF THE PIPE STRAIGHTNESS AND FIELD TESTING, SHALL BE IN ACCORDANCE WITH THE DEVELOPMENT CODE OF THE MUNICIPALITY.

11. SANITARY SEWER MANHOLES SHALL BE FOUR FOOT INNER DIAMETER, PRECAST REINFORCED CONCRETE RINGS OR MONOLITHIC CONCRETE, CONFORMING TO ASTM C 478. MANHOLES SHALL HAVE PRECAST FILLETS. THE STRUCTURE SHALL HAVE AN ECCENTRIC CONE INSTALLED, LINING UP WITH THE MANHOLE STEPS. ALL MANHOLE STEPS SHALL BE NEENAH R-1981-I, NEOPRENE/FIBERGLASS COATED, AT 16 INCHES ON-CENTER.

12. ALL SANITARY SEWER MANHOLE LIDS SHALL BE NEENAH R-1550-A OR EAST JORDAN 1050/APPROVED EQUAL. THE LIDS SHALL HAVE RECESSED (CONCEALED) PICK HOLE AND BE SELF SEALING WITH "O" RING GASKET. THE LIDS SHALL HAVE THE WORD "SANITARY" AND THE MUNICIPALITY NAME EMBOSSED ON THE LID.

13. ALL MANHOLE JOINTS SHALL BE SEALED WITH "O" RING JOINTS. ADDITIONALLY, MANHOLES SHALL HAVE AN INTERNAL OR EXTERNAL SEALING SYSTEMS SUCH AS CANUSA WRAPIDSEAL, CRETEX CHIMNEY SEAL OR ADAPTER, INC. NO MORE THAN EIGHT INCHES OF PRECAST CONCRETE ADJUSTING RINGS SHALL BE USED TO ADJUST FRAME ELEVATIONS. FRAMES SHALL BE SET ON BITUMINOUS MASTIC. MANHOLE SECTIONS SHALL HAVE GASKETED COUPLINGS, "A-LOK" OR APPROVED EQUAL.

14. DROP MANHOLE ASSEMBLIES SHALL BE PROVIDED AT THE JUNCTION OF SANITARY SEWERS WHERE THE DIFFERENCE IN INVERT GRADES EXCEEDS TWO FEET OR AT LOCATIONS SHOWN ON THE PLANS. THE ENTIRE DROP ASSEMBLY SHALL BE CAST IN CONCRETE MONOLITHICALLY WITH THE MANHOLE BARREL.

15. INSPECTION OF MANHOLES: ALL MANHOLES SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS. ALL VISIBLE LEAKAGE SHALL BE ELIMINATED BEFORE FINAL INSPECTION AND ACCEPTANCE.

16. TESTING FOR ACCEPTANCE OF SANITARY SEWERS AND MANHOLES, INCLUDING SERVICE LINES, SHALL INCLUDE LOW PRESSURE AIR TEST AND DEFLECTION TEST PER STANDARD SPECIFICATIONS AND SUBDIVISION REGULATIONS OF THE MUNICIPALITY. THE TESTS SHALL BE APPROVED BY THE MUNICIPALITY BEFORE ACCEPTANCE. ALL SANITARY MANHOLES SHALL BE VACUUM TESTED FOR LEAKAGE IN ACCORDANCE WITH MUNICIPAL STANDARDS AND ASTM C 1244-02.

17. ALL SANITARY SEWERS SHALL BE TELEVISED. A COPY OF THE RECORDING AND A WRITTEN REPORT SHALL BE SUBMITTED TO THE MUNICIPALITY FOR APPROVAL. THE REPORT SHALL INCLUDE STUB LOCATIONS, A DESCRIPTION OF ALL DEFECTS, WATER LEVEL, LEAKS AND IDENTIFICATION OF LENGTH FROM THE MANHOLE NUMBER SPECIFIED ON THE APPROVED PLANS. ALL COSTS SHALL BE INCIDENTAL TO THE WORK. TESTING SHALL BE WITNESSED AND APPROVED BY THE MUNICIPALITY BEFORE FINAL ACCEPTANCE. THE LOCATION OF TELEVISION INSPECTION SHALL BE DESIGNATED BY THE MUNICIPAL ENGINEER.

18. IF THE SANITARY SEWER INSTALLATION FAILS TO MEET THE TEST REQUIREMENTS SPECIFIED, THE CONTRACTOR SHALL DETERMINE THE CAUSE OR CAUSES OF THE DEFECT. AT HIS OWN EXPENSE, THE CONTRACTOR SHALL REPAIR OR REPLACE ALL MATERIALS AND WORKMANSHIP AS NECESSARY TO COMPLY WITH THE TEST REQUIREMENTS.

19. THE CERTIFICATION CONTRACTOR SHALL SUBMIT CERTIFIED COPIES OF ALL REPORTS OF THE TESTS CONDUCTED BY AN INDEPENDENT LABORATORY BEFORE INSTALLATION OF PVC PLASTIC PIPE. TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARD METHOD OF TESTING FOR "EXTERNAL LOADING PROPERTIES OF PLASTIC PIPE BY PARALLEL PLATE LOADING," ASTM STANDARD D-2412. TESTS SHALL ALSO BE CONDUCTED IN ACCORDANCE WITH ASTM D-3212, TO DEMONSTRATE JOINT PERFORMANCE AT 5% MAXIMUM DIAMETRIC DEFLECTION OF THE SPIGOT, AS SPECIFIED IN ASTM D-3212 SPECIFICATIONS.

SOIL EROSION AND SEDIMENT CONTROL

1. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY, AND THE ILLINOIS URBAN MANUAL.

2. BEFORE STARTING CLEARING AND SITE GRADING WORK, A CONSTRUCTION ENTRANCE AND SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLANS.

3. THE CONSTRUCTION ENTRANCE TO THE SITE SHALL BE STABILIZED WITH GRAVEL PRIOR TO BEGINNING ANY WORK ON THE SITE. THE ENTRANCE SHALL BE MAINTAINED PERIODICALLY FOR ITS EFFECTIVENESS TO REMOVE DIRT WHICH COULD LEAVE THE SITE BY CONSTRUCTION VEHICLES.

4. SILT FILTER FENCE SHALL BE PLACED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE MUNICIPALITY'S ENGINEERING INSPECTOR TO PREVENT SEDIMENT FROM LEAVING THE SITE.

5. STAKED SILT FENCE SHALL BE INSTALLED AND MAINTAINED AROUND THE INLETS AND CATCH BASINS AS SHOWN ON THE PLANS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES.

7. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER ANY STORM EVENT IN EXCESS OF 1/2". AN INSPECTION REPORT SHALL BE FILLED OUT EACH TIME AND SHALL BE KEPT IN A BINDER AT JOB SITE AT ALL TIMES ALONG WITH NOI, NPDES PERMIT & SWPPP PLAN.

8. AT THE COMPLETION OF THE PROJECT, ALL STORM SEWER PIPES AND STRUCTURES SHALL BE CLEANED AND FREE OF DIRT AND DEBRIS. THE SEDIMENTATION SHALL BE REMOVED FROM THE STORM SEWER SYSTEM AND SHALL NOT BE WASHED OUT IN THE STORM SEWER SYSTEM.

9. THE TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE EFFECTIVELY UNTIL ALL THE PERMANENT EROSION CONTROL ITEMS ARE FULLY FUNCTIONAL.

10. THE GUARANTEE PERIOD SHALL START AFTER ALL THE PERMANENT EROSION CONTROL MEASURES ARE FULLY FUNCTIONAL AND ACCEPTABLE TO OWNER OR HIS REPRESENTATIVE.

11. A. STOCKPILES OF ANY KIND SHALL NOT BE PLACED IN SPECIAL MANAGEMENT AREAS.

B. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN SEVEN DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.

12. IF THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORM WATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION, THEN PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

13. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.

14. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED UNLESS A ½" OR GREATER RAINFALL EVENT IS FORECAST PRIOR TO 7 DAYS. IN THAT CASE THE PROPER SOIL PROTECTION SHALL BE INSTALLED IMMEDIATELY. STRIPPED AREAS NOT AT FINAL GRADE THAT WILL REMAIN UNDISTURBED FOR MORE THAN 7 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION UNLESS GRADING ACTIVITIES ARE RESUMED WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED. TEMPORARY COVER SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.

15. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING, IRRIGATION, OR FIRE HYDRANT FLUSHING SHALL BE FILTERED PRIOR TO LEAVING PROJECT SITE.

16. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASHDOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED CONTINUOUSLY.

17. ALL CONTRACTORS SHALL COMPLY WITH SWPPP PLAN AND NPDES REQUIREMENT & SHALL SIGN SWPPP ON FILE WITH OWNER OR GENERAL CONTRACTOR.

WATER MAIN AND WATER SERVICES

1. WATER MAINS SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP), CLASS 52, CONFORMING TO AWWA C-151 (ANSI A-21.51) WITH CEMENT MORTAR LINING AND BITUMINOUS SEAL COATING, CONFORMING TO ANSI-A-21.4 (AWWA C-104). ALL WATER MAIN SHALL BE ENCASED WITH 8-MIL POLYETHYLENE WRAP. THE POLYETHYLENE MATERIAL SHALL BE IN CONFORMANCE WITH THE MUNICIPAL REGULATIONS.

2. THE JOINTS SHALL BE PUSH-ON JOINTS CONFORMING TO ANSI A-21.11 (AWWA C-111) AND ALL RETAINING GLANDS SHALL BE SET SCREW OR MEGA-LUG TYPE. WATER MAIN FITTINGS SHALL BE OF DUCTILE IRON WITH CEMENT MORTAR LINING AND SEAL COATING WITH PUSH-ON JOINTS, CONFORMING TO ANSI A21.10 (AWWA C-110). ALL TEE BOLTS SHALL BE STAINLESS STEEL, XYLAN COATED.

3. THRUST BLOCKING OR RESTRAINED JOINTS SHALL BE INSTALLED ON ALL WATER MAINS AT ALL BENDS, TEES, ELBOWS, ETC.

4. DISTRIBUTION SYSTEM VALVES SHALL BE RESILIENT SEAT VALVE, CONFORMING TO AWWA C-509, LATEST STANDARDS AND SHALL BE APPROVED BY THE MUNICIPALITY. EACH VALVE SHALL BE INSTALLED IN A VALVE VAULT OR BOX OF SIZE SHOWN ON THE PLANS. THE LIDS SHALL BE NEENAH R-1713-B OR APPROVED EQUAL. LETTERING ON THE CAST IRON FRAME AND LID SHALL INDICATE "WATER" AND THE MUNICIPALITY NAME.

5. A MINIMUM DEPTH OF COVER OF 5'-6" SHALL BE MAINTAINED OVER THE WATER LINES.

6. ALL WATER MAINS SHALL BE PRESSURE TESTED, FLUSHED AND DISINFECTED IN ACCORDANCE WITH AWWA SPECIFICATIONS. EACH VALVE SECTION SHALL BE PRESSURE TESTED FOR A MINIMUM OF FOUR HOURS. THE ONLY ALLOWABLE LEAKAGE IS AS PREDETERMINED BY THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS. AT NO TIME IS THERE TO BE ANY VISIBLE LEAKAGE FROM THE MAIN.

7. FIRE HYDRANTS SHALL BE INSTALLED WITH AN AUXILIARY VALVE WITH CAST IRON VALVE BOX. FIRE HYDRANTS SHALL CONFORM TO MEET ALL REQUIREMENTS DESCRIBED IN THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY. THE HYDRANT SHALL FACE THE ROADWAY. THE FIRE HYDRANTS SHALL BE PAINTED PER THE MUNICIPALITY. THE VALVE BOX LID SHALL HAVE WORD "WATER" EMBOSSED ON THE LID.

8. MAXIMUM DEFLECTION AT PIPE JOINTS SHALL BE IN ACCORDANCE WITH CURRENT MANUFACTURER'S RECOMMENDATIONS AND AWWA SPECIFICATIONS.

9. WATER SERVICE LINES 2" IN DIAMETER OR SMALLER SHALL BE TYPE 'K' COPPER TUBING CONFORMING TO ASTM B88-58. NO COUPLINGS SHALL BE PERMITTED BETWEEN THE CORPORATION AND CURB STOPS OR BETWEEN THE CURB STOP AND THE BUILDING.

10. WATER SERVICE BOXES SHALL BE OF SUFFICIENT LENGTH TO PERMIT THE TOP TO BE INSTALLED FLUSH WITH THE FINISHED GRADE. EACH SERVICE BOX SHALL BE PROVIDED WITH A CAP WITH THE WORD "WATER" CAST IN THE TOP.

11. CATALOG CUTS OR SHOP DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE OF MINOOKA PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. INSTALLATION OF COMPONENTS NOT APPROVED BY THE VILLAGE WILL BE CAUSE FOR REMOVAL AND/OR REPLACEMENT.

12. IEPA WATER MAIN PROTECTION

A. WATER MAINS:

1. HORIZONTAL SEPARATION:
   a) WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER OR SEWER SERVICES CONNECTION.
   b) WATER MAINS MAY BE LAID CLOSER THAN 10 FEET TO A SEWER LINE WHEN:
      1) LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET
      2) THE WATER MAIN INVERT IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER
      3) THE WATER MAIN IS IN A SEPARATE TRENCH.
   c) BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED OF PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET CONDITION (a) OR (b) ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

2. VERTICAL SEPARATION:
   a) A WATER MAIN SHALL BE LAID SO THAT ITS INVERT IS 18 INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER, WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN 10 FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN.
   b) IF IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN (a) OR THE WATER MAIN PASSES UNDER A SEWER OR DRAIN, THEN ONE OF THE FOLLOWING METHODS SHALL BE FOLLOWED:
      1) THE STORM DRAIN SHALL BE CONSTRUCTED OF "O" RING JOINTS AND SANITARY SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATER MAIN STANDARDS.
      2) THE WATER MAIN MAY BE ENCASED IN A WATERTIGHT CARRIER PIPE AS INDICATED ON THE PLANS AND AS PER THE SPECIAL CROSSING DETAIL SHOWN ON THE DETAIL SHEET.
   c) A VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATER MAIN CROSSES UNDER SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.
   d) CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST 10 FEET.

13. ALL WATERMAIN SHALL HAVE A #10 TRACER WIRE TAPED OR TIED TO THE TOP OF THE PIPE AND A WHIP END BROUGHT TO THE SURFACE AT ALL VALVE VAULTS AND FIRE HYDRANTS.

STORM SEWER

1. ALL STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, IN ADDITION TO THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY.

2. UNLESS OTHERWISE NOTED ON THE PLANS, ALL STORM SEWERS SHALL BE REINFORCED CONCRETE CULVERT PIPE (RCP), ASTM C 76, WITH "O" RING RUBBER GASKET JOINTS CONFORMING TO ASTM C-443.

3. HDPE STORM SEWER PIPE SHALL BE HIGH DENSITY POLYETHYLENE PIPE PER ASTM F-2306 WITH WATERTIGHT JOINTS CONFORMING TO ASTM D-3212.

4. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.

5. ALL DOWNSPOUT AND FOOTING DRAINS SHALL BE DISCHARGED TO THE STORM SEWER SYSTEM OR ONTO THE GROUND.

6. MANHOLE, CATCH BASIN AND INLET BOTTOMS SHALL BE PRECAST CONCRETE SECTIONAL UNITS OR MONOLITHIC CONCRETE. MANHOLES AND CATCH BASINS SHALL BE FOUR FEET IN DIAMETER UNLESS OTHERWISE SPECIFIED ON THE PLANS. MANHOLE JOINTS SHALL BE "O" RING GASKET JOINTS. A MAXIMUM OF SIX INCHES OF ADJUSTING RINGS SHALL BE USED TO ADJUST FRAME ELEVATIONS. THE ADJUSTING RINGS SHALL BE SET WITHIN A FULL MORTAR BED.

7. ALL STORM SEWERS SHALL BE INSTALLED ON TYPE "A" BEDDING, 1/4 TO 3/4 INCH IN SIZE, WITH A MINIMUM THICKNESS EQUAL TO 1/4 OF THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR INCHES. USING BLOCKS OF ANY KIND FOR GRADE IS NOT PERMITTED. THE GRANULAR MATERIAL FOR BEDDING AND TRENCH BACKFILL MATERIAL SHALL CONFORM TO IDOT GRADATION CA-6. THE GRANULAR MATERIAL FOR BEDDING AND INITIAL BACKFILL OF FLEXIBLE PIPE SHALL BE NON-ANGULAR GRAVEL MATERIAL CONFORMING TO ASTM D-2321, CLASS I. THE COST OF BEDDING MATERIAL SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER. THE BEDDING MATERIALS SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY.

8. THE FRAME AND GRATE OR CLOSED LID TYPE SHALL BE AS SPECIFIED ON THE UTILITY PLAN. THE MANHOLE LIDS SHALL BE A MACHINE SURFACED, NON-ROCKING DESIGN. ALL CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE-DRAINS TO WATERWAYS" MESSAGE. THE CLOSED LIDS SHALL HAVE THE WORD "STORM" AND THE MUNICIPALITY NAME EMBOSSED ON THE LID. THE JOINT BETWEEN THE CONCRETE SECTION AND FRAME SHALL BE SEALED WITH A MASTIC COMPOUND.

9. ALL STORM SEWERS SHALL BE THOROUGHLY CLEANED PRIOR TO FINAL INSPECTION AND TESTING.

10. AFTER THE STORM SEWER STRUCTURE HAS BEEN CONSTRUCTED, THE CONTRACTOR SHALL PLACE EROSION CONTROL AT LOCATIONS SHOWN ON THE PLANS OR AS SELECTED IN THE FIELD BY THE ENGINEER. THE PURPOSE OF THE EROSION CONTROL WILL BE TO MINIMIZE THE AMOUNT OF SILTATION NORMALLY ENTERING THE STORM SEWER SYSTEM FROM ADJECENT AND/OR UPSTREAM DRAINAGE AREAS.

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

GENERAL NOTES AND SPECIFICATIONS

623 E. ALGONQUIN ROAD

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

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:

1.1. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;

1.2. STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;

1.3. VILLAGE OF PALATINE MUNICIPAL CODES;

1.4. THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;

1.5. IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).

2. THE VILLAGE OF PALATINE ENGINEERING DEPARTMENTS AND PUBLIC WORKS DEPARTMENTS MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE VILLAGE OF SCHAUMBURG VERTICAL DATUM (NGVD).

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.

4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.

5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENTED TO THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.

6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.

3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	 ASTM D-3034 ASTM F-679	 ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261, F-2620 (HEAT FUSION) ASTM D-3212, F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	 ASTM D-2241 AWWA C900 AWWA C905	 ASTM D-3139 ASTM D-3219 ASTM D-3219

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	ASTM D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	ASTM D-3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:

11.a. A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.

11.b. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.

11.c. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATERMAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCE SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
5.a. UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
5.b. ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.

10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).

13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.

18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

MWRD GENERAL NOTES AND SPECIFICATIONS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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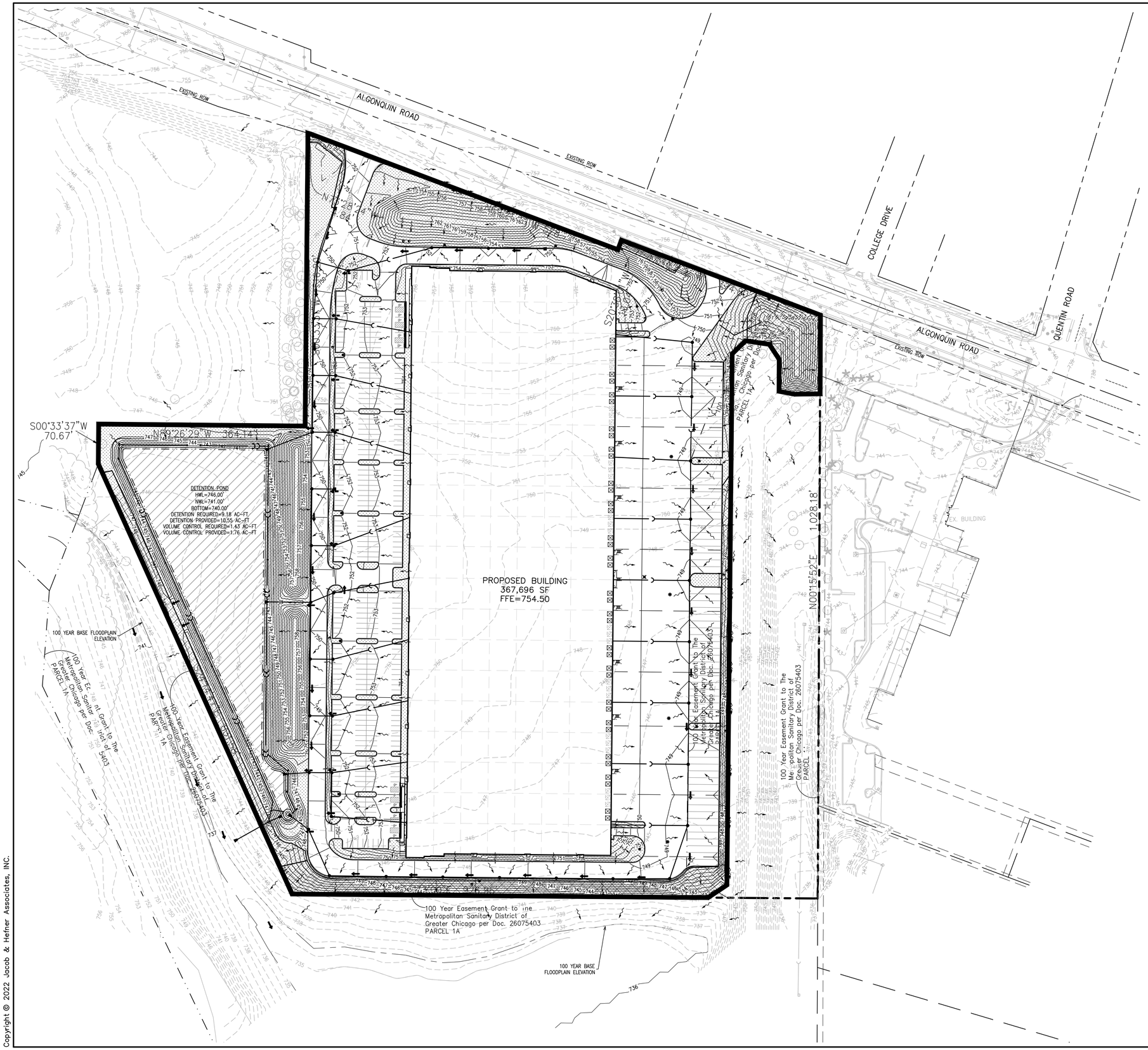
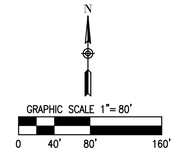
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)





PROPOSED DRAINAGE EXHIBIT LEGEND:

- PROJECT AREA
  25.15 ACRES
- IMPERVIOUS AREA
  17.15 ACRES
  (CN=98)
- PERVIOUS AREA
  6.16 ACRES
  (CN=74)
- POND AREA
  1.84 ACRES
  (CN=70-NATIVE PLANTINGS)
- NATIVE PLANTING CONSERVATION AREA (UNRESTRICTED)
  0.32 ACRES
- UNRESTRICTED AREA
  1.23 ACRES
  (4.9%)
- EXISTING CONTOUR — 700 —
- PROPOSED CONTOUR — 700 —
- PROPOSED DRAINAGE DIVIDE
- DRAINAGE DIRECTION
- OVERFLOW ROUTE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER

STORMWATER MANAGEMENT SUMMARY TABLE:

DEVELOPMENT AREA	25.15 ACRES
PROPOSED IMPERVIOUS AREA (CN=98)	17.15 ACRES
PROPOSED PERVIOUS AREA (CN=74)	6.16 ACRES
PROPOSED POND AREA (CN=70-NATIVE PLANTINGS)	1.84 ACRES
COMPOSITE RUNOFF CURVE NUMBER	90.07
ADJUSTED RUNOFF CURVE NUMBER	83.03
ALLOWABLE RELEASE RATE ([25.15 AC-0.32 AC]x0.20 CFS/AC)	4.97 CFS
ACTUAL RELEASE RATE (8-3/4" RESTRICTOR AT HWL=740.00)	4.85 CFS
UNRESTRICTED AREA (4.9%)	1.23 ACRES
DETENTION VOLUME REQUIRED	9.18 ACRE-FEET
DETENTION VOLUME PROVIDED (HWL=746.00')	10.55 ACRE-FEET
VOLUME CONTROL REQUIRED	1.43 ACRE-FEET
VOLUME CONTROL PROVIDED	1.76 ACRE-FEET

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

MWRD DRAINAGE EXHIBIT

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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1"=80'

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Initial Architectural Elevations

Final Architectural Elevations

PROPOSED 367,696 S.F. OFFICE/WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

PALATINE, ILLINOIS

ABBREVIATION LEGEND

AB	- Anchor Bolt
ACT	- Acoustical Ceiling Tile
ADJ	- Adjacent
AFF	- Above Finished Flr
ANOD	- Anodized
AP	- Accoustical Panel
AT	- Accoustical Tile
B/	- Bottom of
BD	- Board
BIT	- Bituminous
BLKG	- Blocking
BLDG	- Building
BM	- Beam
BOT	- Bottom
BRDG	- Bridging
BRG	- Bearing
CONC BLK	- Concrete Block
CLG	- Ceiling
CLR	- Clear
CPT	- Carpet
COL	- Column
COMP	- Compact
CONC	- Concrete
CONST	- Construction
CONT	- Continuous
CONT JT	- Control Joint
CONTR	- Contractor
CORR	- Corrugated
CJ	- Control Joint
CT	- Ceramic Tile
CW	- Cold Water
DBL	- Double
DET	- Detail
DIA	- Diameter
DO	- Ditto
DR	- Door
DWG	- Drawing
EA	- Each
EFIS	- Exterior insulation Finish System
EJ	- Expansion Joint
ELEC	- Electrical
ELEV	- Elevation
EQ	- Equal
EWC	- Electrical Water Cooler
EXIST	- Existing
EXP	- Expansion
EXP JT	- Expansion Joint
EXT	- Exterior
F & I	- Furnish & Install
FIN	- Finish
FLR	- Floor
FDN	- Foundation
FPHB	- Frost Proof Hose-Bib
FRT	- Fire Retardant Treated
FTG	- Footing
GA	- Gauge
GALV	- Galvanized
GB	- Gypsum Board
GC	- General Contractor
GL	- Glass
GRAN	- Granular
GYP BD	- Gypsum Board
GYP	- Gypsum
H	- High
HC	- Handicapped
HDWRE	- Hardware
HM	- Hollow Metal
HORIZ	- Horizontal
HP	- High Point
HVAC	- Heating, Ventilating Air Conditioning
HW	- Hot Water
INSUL	- Insulat(ion) (ed)
INT	- Interior
JST	- Joist
JT	- Joint
K	- Kip
LAV	- Lavatory
LG	- Long
LLV	- Long Leg Vertical
LP	- Low Point
MAS	- Masonry
MAX	- Maximum
MET	- Metal
MFR	- Manufacture
MIN	- Minimum
MO	- Masonry Opening
MTL	- Metal
NIC	- Not in Contract
NTS	- Not to Scale
OVHD	- Overhead
OPNG	- Opening
PART	- Partition
PC	- Precast
PERIM	- Perimeter
PL	- Plate
PLBG	- Plumbing
PLF	- Pounds per linear foot
PPT	- Pressure Preser-vative Treated
PREFIN	- Prefinished
PROV	- Provide
PSF	- Pounds Per Square Foot
PSI	- Pounds Per Square Inch
PT	- Paint
PVMT	- Pavement
QT	- Quarry Tile
REINF	- Reinforcing
REQD	- Required
RM	- Room
SAN	- Sanitary
SCHD	- Schedule
SECT	- Section
SF	- Square Foot
SHT	- Sheet
SLV	- Short Leg Vertical
STD	- Standard
STL	- Steel
SS	- Service Sink
STM	- Storm
ST STL	- Stainless Steel
SUSP	- Suspended
T/	- Top of
TEMP	- Tempered
TOP/	- Top of
TJ	- Tie Joist
TYP	- Typical
UNO	- Unless Noted Otherwise
UR	- Urinal
VCT	- Vinyl Composi-tion Tile
VERT	- Vertical
VWC	- Vinyl Wall Covering
WC	- Water Closet
WD	- Wood
WH	- Water Heater
WWF	- Welded Wire Fabric
WDW	- Window

BEST MANAGEMENT PRACTICES

THE OWNER/ CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS FOLLOWS:

MATERIAL DELIVERY AND STORAGE:
PROVIDE A DESIGNATED MATERIAL DELIVERY AND STORAGE AREA.

CONCRETE WASTE:
PROVIDE A DESIGNATED AREA TO BE USED FOR CONCRETE TRUCK WASH-OUT. CONCRETE WASTE RUN-OFF NOT ALLOWED TO ENTER STORM SYSTEM.

SOLID WASTE MANAGEMENT (NON-HAZARDOUS):
PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. CLEAR SITE OF WASTE.

SOLID WASTE MANAGEMENT (HAZARDOUS):
PREVENT ANY DISCHARGE OF HAZARDOUS WASTE FROM ENTERING THE STORM SYSTEM.

VEHICLE FUELING, MAINTENANCE AND CLEANING:
PROVIDE DESIGNATED FUELING AREA WITH A SECOND WASTE CONTAINER.

PAINT AND PAINT SUPPLIES:
PROVIDE PROPER STORAGE, USE AND CLEANUP OF ALL MATERIALS.

SYMBOLS LEGEND

DRAWING TITLE — VIEW NUMBER — SHEET NUMBER — DRAWING SCALE

DRAWING SCALE

TOP OR BOT EL. +

HEIGHT MARK

VIEW NUMBER — SECTION MARKER

VIEW NUMBER — SHEET NUMBER — ELEVATION MARKER

R-* — REVISON MARKER

— VIEW NUMBER — SHEET NUMBER — DETAIL CALL-OUT

ROOM NAME — ROOM NUMBER — ROOM NAME MRKER

NORTH — NORTH ARROW

WALL PARTITION

DOOR NUMBER

LINTEL MARKER

ADOPTED BUILDING CODES

BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL ENERGY CODE
2014 ILLINOIS PLUMBING CODE
2018 ILLINOIS ACCESSIBILITY CODE
2017 NATIONAL ELECTRICAL CODE
2000 NFPA 101 LIFE SAFETY CODE

FIRE DEPARTMENT: 2015 INTERNATIONAL FIRE CODE

ZONING: M - MANUFACTURING

CONSTRUCTION TYPE: TYPE 2B, FULLY SPRINKLERED
NON-COMBUSTIBLE

OCCUPANCY TYPE: B- BUSINESS, S-1 - STORAGE MODERATE HAZARD

HANDICAPPED PARKING: HANDICAPPED PARKING AND SIGNS PER APRIL 2018 STATE OF ILLINOIS ACCESSIBILITY STANDARDS.

FIRE PROTECTION: BUILDING TO BE EQUIPPED THROUGHOUT WITH AUTOMATIC FIRE SUPPRESSION SYSTEM. DESIGNED PER N.F.P.A. 13 FOR CLASS IV COMMODITIES AS DEFINED IN N.F.P.A. 231C.
REFER TO FIRE PROTECTION DRAWINGS BY OTHERS.

FIRE DETECTION SYSTEM:	YES
FIRE ALARM:	YES
SPRINKLER SYSTEM:	YES
STANDPIPE SYSTEM:	NO
CURTAIN BOARDS:	NO
PORTABLE FIRE EXTINGUISHERS:	YES

BUILDING HEIGHT: PROPOSED: 43'-0"
ALLOWABLE: 50'-0"

FIRE RATING:

STRUCTURAL FRAME	0 HRS
BEARING WALLS (EXTERIOR)	0 HRS
BEARING WALLS (INTERIOR)	0 HRS
NON-BEARING WALLS (EXTERIOR)	0 HRS
NON-BEARING WALLS (INTERIOR)	0 HRS
FLOOR CONSTRUCTION	0 HRS
ROOF CONSTRUCTION	0 HRS
PARTITIONS (EXIT ACCESS CORRIDOR)	0 HRS

OCCUPANT LOAD:

FUTURE OFFICE #1	TBD
FUTURE OFFICE #2	TBD
STORAGE/WAREHOUSE (367,696 S.F./ 500)	735
TOTAL OCCUPANT LOAD	735

NUMBER OF EXITS: REQUIRED: 2
PROVIDED:

EGRESS WIDTH: REQUIRED:
PROVIDED:

TRAVEL DISTANCE: ALLOWABLE (SPRINKLERED BLDG.) S-1: 250' / B: 300'

SITE DATA

SITE AREA (±28.55 AC.)	±1,243,772 S.F.
DETENTION	SEE CIVIL DRAWINGS
BUILDING AREA	
FIRST FLOOR OFFICE	TBD
WAREHOUSE	367,696 S.F.
TOTAL BUILDING FOOTPRINT	367,696 S.F.
PARKING	
CAR PARKING	351 CARS
CAR PARKING (ACCESSIBLE)	12 CARS
TRUCK PARKING	70 STALLS
DRIVE IN OVERHEAD DOORS	2 DOORS
TOTAL EXTERIOR DOCKS	60 DOCKS

BULK REGULATIONS TABLE

EXISTING PROPERTY ZONING: M - MANUFACTURING

MANUFACTURING DISTRICTS BULK CONTROLS

MAXIMUM HEIGHT:	60'-0"
MINIMUM FRONT YARD:	30'-0"
MINIMUM SIDE YARD:	15'-0"
MINIMUM REAR YARD:	15'-0"

SITE NOTES

GENERAL NOTES:

1. SEE CIVIL ENGINEERING DRAWINGS FOR OTHER DIMENSIONS, NOTES AND DETAILS.
2. ALL DIMENSIONS ARE FROM FACE OF CURB OR BUILDING UNLESS NOTED OTHERWISE.

PROJECT LOCATION MAP

GENERAL NOTES

1. DO NOT SCALE DRAWINGS. ANY DIMENSIONAL QUESTIONS OR CLARIFICATIONS SHOULD BE DIRECTED TO THE ARCHITECT.
2. GENERAL CONTRACTOR, DESIGNERS & SUBCONTRACTORS SHALL VISIT THE SITE TO VERIFY EXISTING CONDISTIONS.
3. ALL WORK TO BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES.
4. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF EXISTING UTILITIES AND EASEMENTS.
5. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN TO ARCHITECTS PLUS DESIGN STUDIO, PLLC, REPRESENTS "TO THE BEST OF OUR KNOWLEDGE", NOT THE "ACTUAL EXISTING CONDITIONS. THE ARCHITECT, AND CONTRACTED DESIGN CONSULTANTS, MAKE NO WARRANTY AS TO THE ACCURACY. THE GENERAL CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND REPORT ANY DISCREPENCIES BETWEEN THE DRAWINGS AND THE FIELD TO THE ARCHITECT FOR REVIEW AND COORDINATION. ANY WORK PERFORMED PRIOR TO THE DISCREPENCY, AND RESOLUTION, IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST THE AWARDED CONTRACT.

ARCHITECT'S STATEMENT

I HEREBY CERTIFY UNDER OATH THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM FAMILIAR WITH THE CODES AND ORDINANCES OF THE CITY OF PALATINE, AND TO THE BEST OF MY KNOWLEDGE THESE PLANS COMPLY WITH THE BUILDING ORDINANCE, ZONING ORDINANCE AND OTHER APPLICABLE CODES AND ORDINANCES OF PALATINE, ILLINOIS.

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH THE ENVIRONMENTAL BARRIERS ACT (410 ILCS 25) AND THE ILLINOIS ACCESSIBILITY CODE (71 ILL ADM CODE 400)

JOHN M. WHITE
LICENSE NUMBER #001-015201 EXPIRES 11-30-2022

PROJECT DIRECTORY

ARCHITECT
ARCHITECTS PLUS DESIGN STUDIO, PLLC
1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189
PHONE 847.624.4425
DESIGN FIRM NUMBER - #184.008507
EXPIRES 04/30/2023

GENERAL CONTRACTOR
PEPPER CONSTRUCTION
411 LAKE ZURICH ROAD
BARRINGTON, ILLINOIS 60010
PHONE 847.381.2760

CIVIL ENGINEER:
JACOB & HEFNER
1333 BUTTERFIELD ROAD
SUITE 300
DOWNERS GROVE, ILLINOS 60515
PHONE 630.652.4600

STRUCTURAL ENGINEER:
SWIFT STRUCTURAL
3306 N. SACRAMENTO AVE.
CHICAGO, IL 60618
PH#: 773-398-4485
DESIGN FIRM NUMBER: 184-007150

MECHANICAL ENGINEER
MK INDUSTRIES, INC.
998 FOREST EDGE DRIVE
VERNON HILLS, ILLINOIS 60061
PHONE 847.949.0200

ELECTRICAL ENGINEER
COMPLETE ELECTRICAL SERVICE
639 MAIN STREET
BATAVIA, ILLINOIS 60510
PHONE 630.879.1098

PLUMBING ENGINEER
C.B.M. PLUMBING
1532 HECHT DRIVE
BARTLETT, ILLINOIS 60103
PHONE 630.837.7670

FIRE PROTECTION ENGINEER
VALLEY FIRE PROTECTION SYSTEMS
101 N. RADDANT ROAD
BATAVIA, IL 60510
PHONE 630.761.3168

DRAWING INDEX

INDEX LEGEND	ISSUANCE
●	ISSUED SHEET
	NOT ISSUED SHEET
R-*	ISSUED WITH REVISION NUMBER

SHEET #	SHEET NAME	.
CIVIL (NOT UNDER ARCHITECTS SEAL)		
	CIVIL COVER SHEET	●
C-2	OVERALL SITE PLAN	●
C-3.0	OVERALL EXISTING CONDITIONS & DEMO PLAN	●
C-3.1	EXISTING CONDITIONS & DEMO PLAN	●
C-3.2	EXISTING CONDITIONS & DEMO PLAN	●
C-3.3	EXISTING CONDITIONS & DEMO PLAN	●
C-3.4	EXISTING CONDITIONS & DEMO PLAN	●
C-4.0	OVERALL DIMENSIONAL CONTROL & PAVING PLAN	●
C-4.1	DIMENSIONAL CONTROL & PAVING PLAN	●
C-4.2	DIMENSIONAL CONTROL & PAVING PLAN	●
C-4.3	DIMENSIONAL CONTROL & PAVING PLAN	●
C-4.4	DIMENSIONAL CONTROL & PAVING PLAN	●
C-5.0	OVERALL GRADING PLAN	●
C-5.1	GRADING PLAN	●
C-5.2	GRADING PLAN	●
C-5.3	GRADING PLAN	●
C-5.4	GRADING PLAN	●
C-6.0	OVERALL UILITY PLAN	●
C-6.1	UILITY PLAN	●
C-6.2	UILITY PLAN	●
C-6.3	UILITY PLAN	●
C-6.4	UILITY PLAN	●
C-7.0	OVERALL EROSION CONTROL PLAN	●
C-7.1	EROSION CONTROL PLAN	●
C-7.2	EROSION CONTROL PLAN	●
C-7.3	EROSION CONTROL PLAN	●
C-7.4	EROSION CONTROL PLAN	●
C-8.0	STORMWATER POLLUTION PREVENTION PLAN	●
C-8.1	STORMWATER POLLUTION PREVENTION PLAN	●
C-9.0	DETAILS	●
C-9.1	DETAILS	●
C-9.2	DETAILS	●
C-9.3	DETAILS	●
C-9.4	DETAILS	●
C-10	GENERAL NOTES & SPECIFICATIONS	●
C-11	GENERAL NOTES & SPECIFICATIONS	●
C-12	MWRD DRAINAGE EXHIBIT	●
LANDSCAPE (NOT UNDER ARCHITECTS SEAL)		
ARCHITECTURAL & STRUCTURAL (UNDER ARCHITECTS SEAL)		
A-0	COVER SHEET	●
A-1.0	ARCHITECTURAL SITE PLAN	●
A-2.0	BUILDING ELEVATIONS	●
A-3.0	OVERALL FLOOR PLAN	●
A-3.1	ENLARGED FLOOR PLAN - WEST	●
A-3.2	ENLARGED FLOOR PLAN - EAST	●
A-3.3	ENLARGED PLANS & DETAILS	●
A-4.0	OVERALL ROOF PLAN	●
A-5.0	DOOR & ROOM FINISH SCHEDULES & DETAILS	●
A-6.0	WALL SECTIONS	●
A-6.1	WALL SECTIONS	●
A-6.2	WALL SECTIONS & DETAILS	●
A-6.3	WALL SECTIONS	●
STRUCTURAL (NOT UNDER ARCHITECTS SEAL)		
ARCHITECTURAL & STRUCTURAL SPECIFICATIONS (UNDER ARCHITECTS SEAL)		
SP-1	ARCHITECTURAL & STRUCTURAL SPECIFICATIONS	●
SP-2	ARCHITECTURAL & STRUCTURAL SPECIFICATIONS	●
SP-2	ARCHITECTURAL & STRUCTURAL SPECIFICATIONS	●
MECHANICAL (NOT UNDER ARCHITECTS SEAL)		
*	*	
ELECTRICAL (NOT UNDER ARCHITECTS SEAL)		
*	*	
PLUMBING (NOT UNDER ARCHITECTS SEAL)		
*	*	
FIRE PROTECTION (NOT UNDER ARCHITECTS SEAL)		
*	*	

DEVELOPER

LOGISTICS PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4485
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

Architects plus designstudio, PLLC
1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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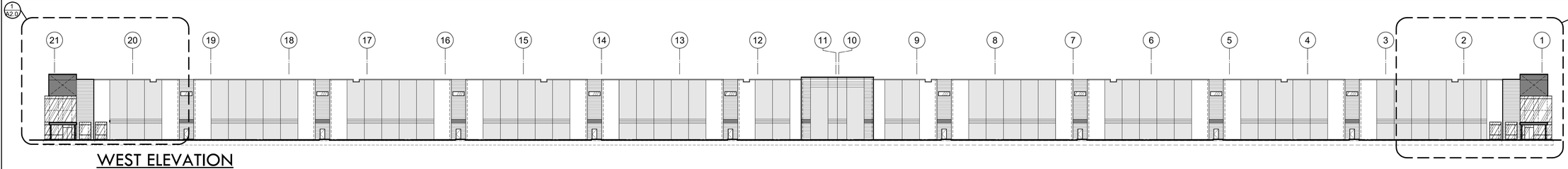
NEW OFFICE WAREHOUSE FOR:
PALATINE 90 LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING

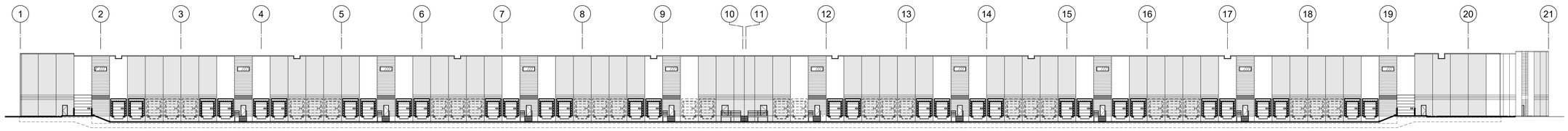
PROJECT NUMBER	2021.014
DATABASE	FLOORDB
DRAWN BY	JMW
CHECKED BY	JMW

A-0

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



WEST ELEVATION
SCALE: 1" = 30'-0"



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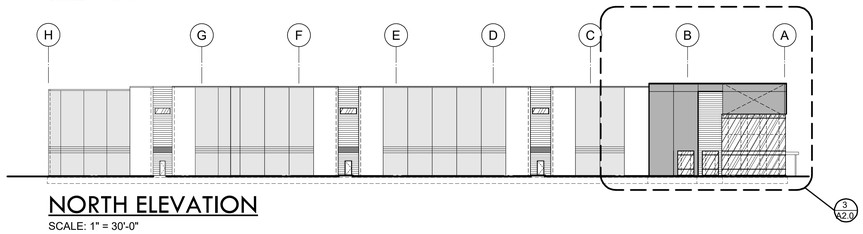
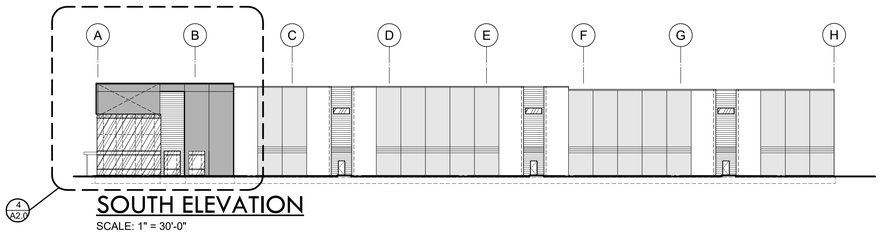
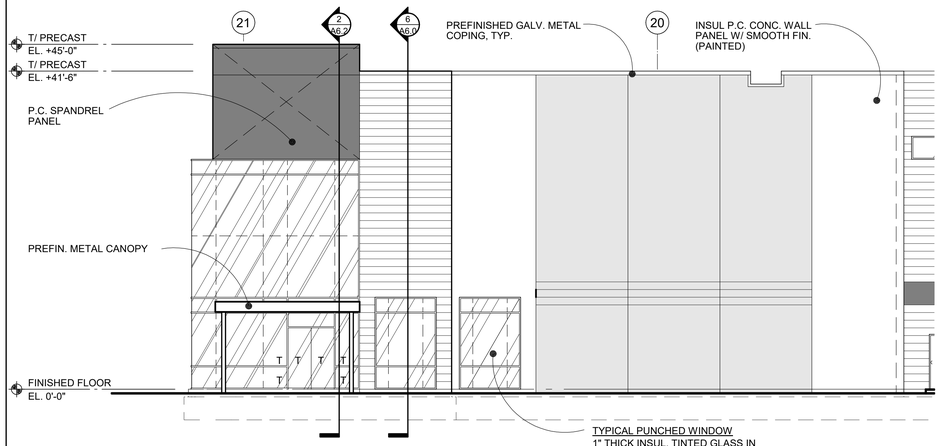


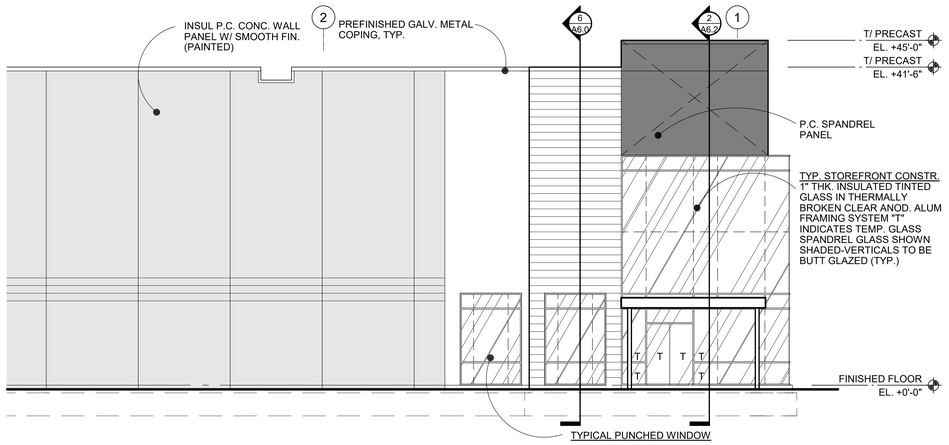
NORTH ELEVATION
SCALE: 1" = 30'-0"



SOUTH ELEVATION
SCALE: 1" = 30'-0"



1 A2.0 ENLARGED ENTRY ELEVATION
SCALE: 1/8" = 1'-0"



2 A2.0 ENLARGED ENTRY ELEVATION
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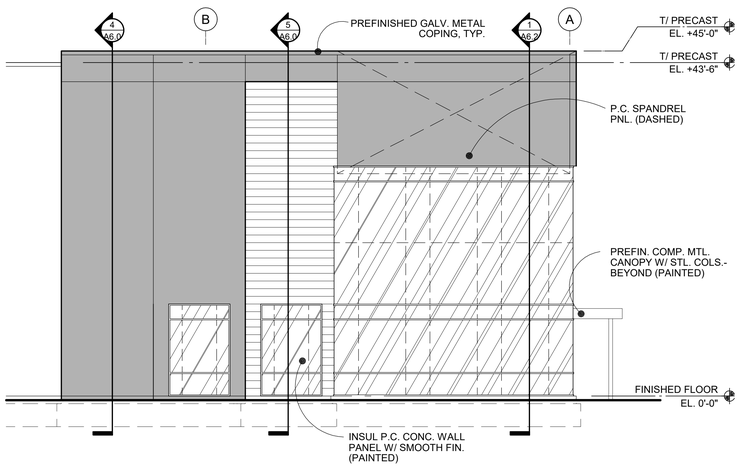

3 A2.0 ENLARGED ENTRY ELEVATION
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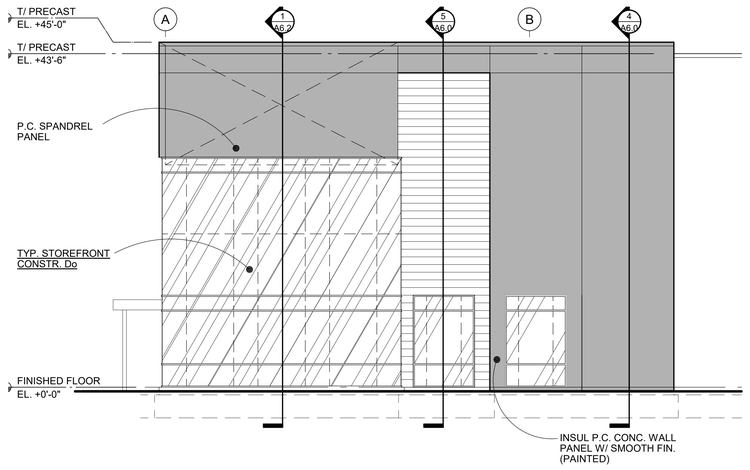

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COLOR LEGEND

EXTERIOR PRECAST TO BE COLORED WITH SUPER PAINT BY SHERWIN WILLIAMS.
G.C. TO MATCH SHERWIN WILLIAMS COLORS SELECTED BELOW

- PURE WHITE - 7005 SHERWIN WILLIAMS
- PASSIVE - SW 7064 SHERWIN WILLIAMS
- PANTONE 422-C (GRAY)
- PANTONE 3597-C (BLUE)

FASCIA & GRAVEL STOP @ ENTRY
PAC-CLAD CITYSCAPE

FASCIA & GRAVEL STOP @ MAIN BUILDING
PAC-CLAD BONE WHITE

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INSUL. GLASS - GREY TINTED

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INSUL. MTL. DOORS/FRAMES
FRAME - PAINTED TO MATCH PRECAST
DOOR -PAINTED TO MATCH PRECAST

OVERHEAD DOORS
DRIVE-IN DOORS - PREFINISHED WHITE
DOCK DOORS - PREFINISHED WHITE

PIPE BOLLARDS
SAFETY YELLOW

DEVELOPER

LOGISTICS PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4485
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

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WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:
PALATINE 90 LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JMW
CHECKED BY	JMW

A-2.0

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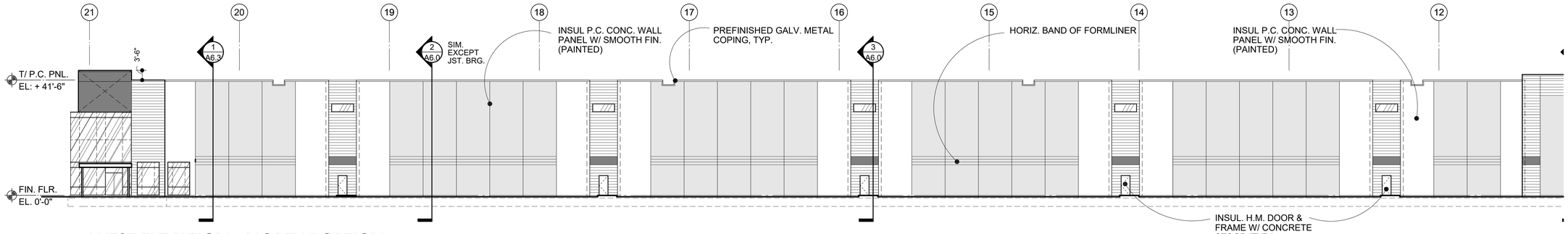
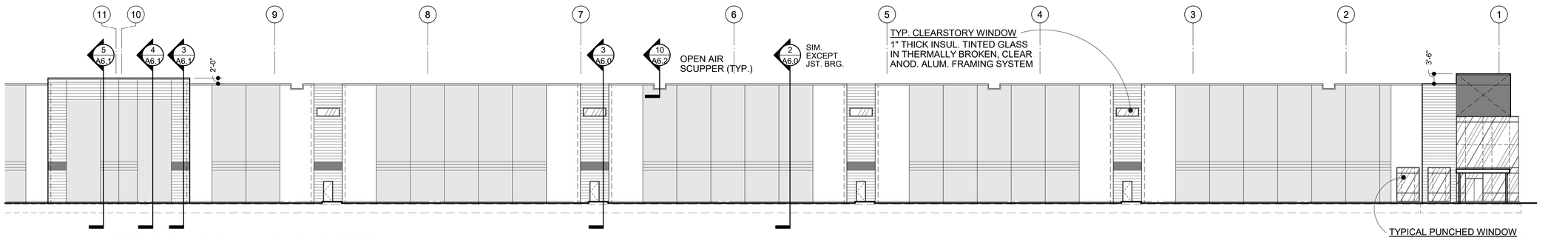


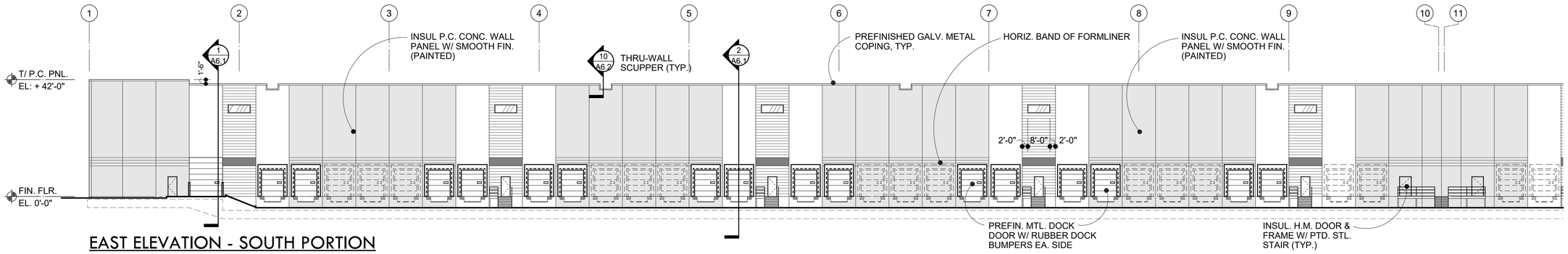
WEST ELEVATION - NORTH PORTION

SCALE: 1/16" = 1'-0"



WEST ELEVATION - SOUTH PORTION

SCALE: 1/16" = 1'-0"



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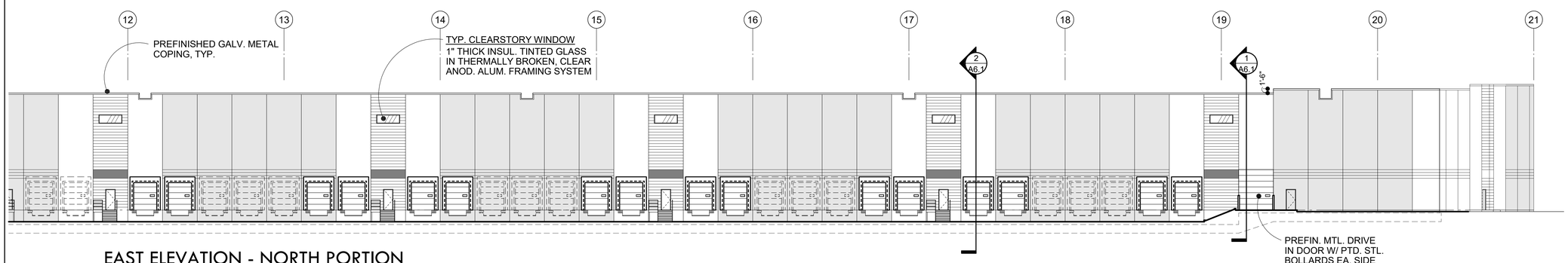

EAST ELEVATION - NORTH PORTION

SCALE: 1/16" = 1'-0"

DEVELOPER

LOGISTICS PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC

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PHONE: 773.398.4485
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

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DATABASE	FLOOR.DB
DRAWN BY	JMJ
CHECKED BY	JMJ

A-2.1

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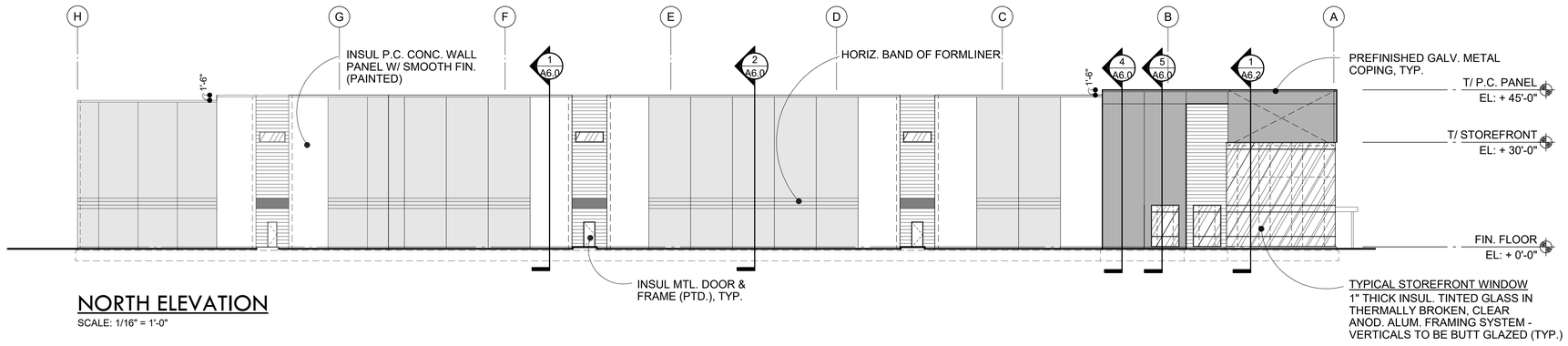

NORTH ELEVATION

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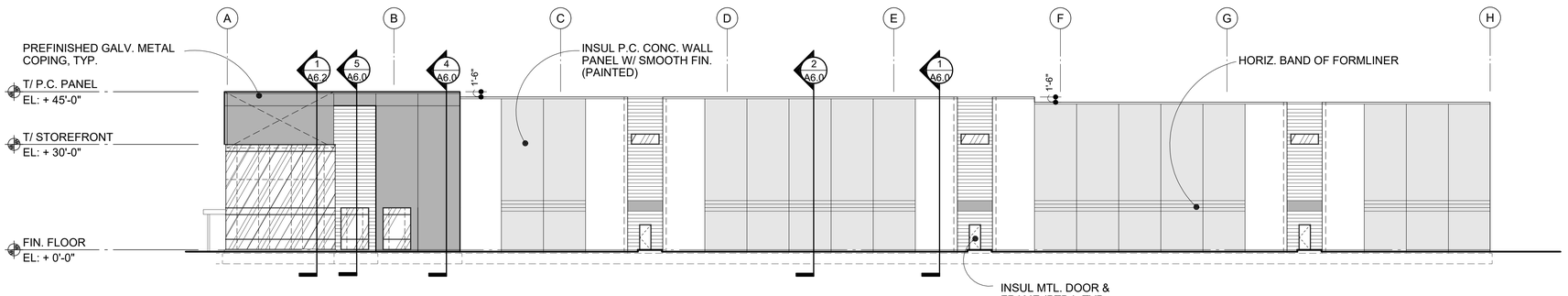

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COLOR LEGEND

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FASCIA & GRAVEL STOP @ ENTRY
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INSUL. MTL. DOORS/FRAMES
FRAME - PAINTED TO MATCH PRECAST
DOOR -PAINTED TO MATCH PRECAST

OVERHEAD DOORS
DRIVE-IN DOORS - PREFINISHED WHITE
DOCK DOORS - PREFINISHED WHITE

DEVELOPER

LOGISTICS PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC

3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
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1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

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CHECKED BY	JMW

A-2.2

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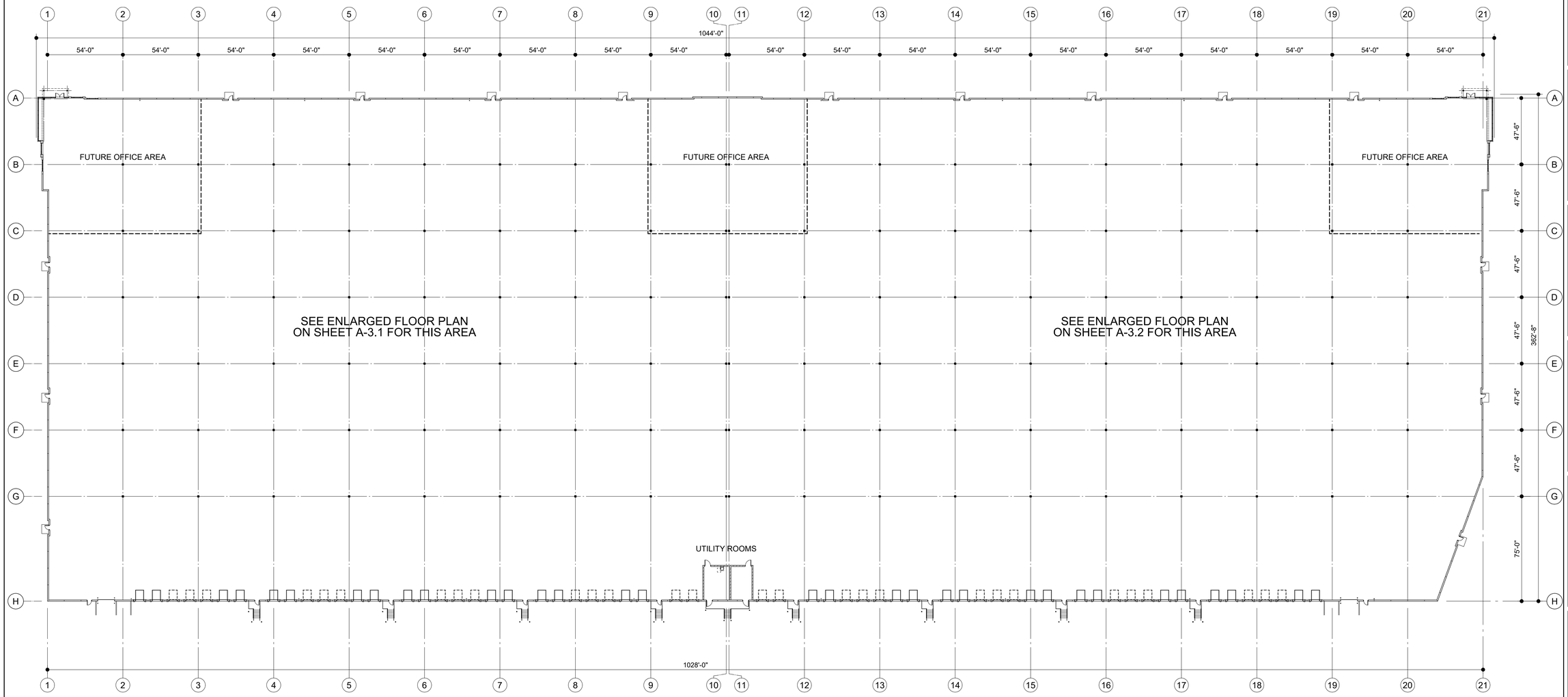

OVERALL FLOOR PLAN

SCALE: 1" = 30'-0"

NORTH

DEVELOPER

LOGISTICS PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC

3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4485
DESIGN FIRM NUMBER: 184-007150

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PALATINE 90 LOGISTICS CENTER

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CHECKED BY	JMW

A-3.0

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GENERAL CONTR. TO INSTALL "KEY BOX" ADJACENT TO EXTERIOR MAN DOOR. VERIFY CONTENTS OF BOX AND LOCATION WITH FIRE DEPARTMENT PRIOR TO INSTALLATION.

PROV. 15 MIL POLYETHYLENE VAPOR BARRIER @ FUTURE OFFICE AREA - VERIFY SIZE W/ OWNER & G.C.

TYPICAL DOWNSPOUT NOTE:
PVC DOWNSPOUT STRAP TIGHT TO P.C. PNL. @ 1/4 PTS.
INSULATE ALL HORIZONTAL RUNS ABOVE FIN. FLR. TO UNDERSIDE OF SUMP PAN. PROVIDE PVC C.O. @ 1'-0" A.F.F. (SEE 21 & 22/S-1.3 & PLUMBING DRWGS BY OTHERS)

PVC DOWNSPOUT (Do)

TYPICAL FLOOR SLAB CONSTRUCTION
6" THICK DUCTILECRETE CONCRETE FLOOR ON SLAB 6" COMPACTED GRANULAR BASE
Fc = 4,000 PSI
FLATNESS / LEVELNESS TOLERANCES:
Ff = 35 Fl = 25

WAREHOUSE
101

PROVIDE WALL MTD. TACTILE SIGN - SEE SHEET A-5.0 (TYP.)

CONCRETE STOOP - SEE SHEET A-1.0 (TYP.)

7'-0"x8'-0" (NOM.) DOCK LEVELER WITH (2) RUBBER DOCK BUMPERS EACH SIDE OF OVERHEAD DOOR

PROVIDE CONCRETE POUR JOINT AT INSIDE EDGE OF DOCK LEVELER STEEL ANGLE COORDINATE LOCATION WITH DOCK LEVELER. SEE STRUCT.

SPRINKLER/ ELECTRICAL ROOM MASONRY PARTITIONS TO BE 1 HOUR RATED PER UL U #905. SOLID GROUT CORES W/ #6 VERT. BARS AT 32" O.C., CORNERS, & EITHER SIDE OF OPENINGS. 10" CMU TO EXTEND 12' AFF. - SEE 15/A-3.3 PROVIDE 1 HOUR RATED GYPSUM BD. PARTITION PER UL U #495 FROM 12' AFF TO BOTTOM OF DECK W/ HEAD SLIP TRACK. SEE WALL HEAD DETAILS 10 & 11/A-3.3. 5/8" TYPE "X" GYP. BD. ON 8" (18 GA.) MTL. STUDS @ 16" O.C.

LADDER TO ROOF - SEE 5 & 6/A-3.3

SPRINK. 102

ELECT. 103

MATCH LINE

1 PARTIAL SOUTH AREA FLOOR PLAN (1/A3.1)
SCALE: 1/16" = 1'-0"

NORTH

DEVELOPER

LOGISTICS PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4485
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

Architects plus designstudio, PLLC
1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

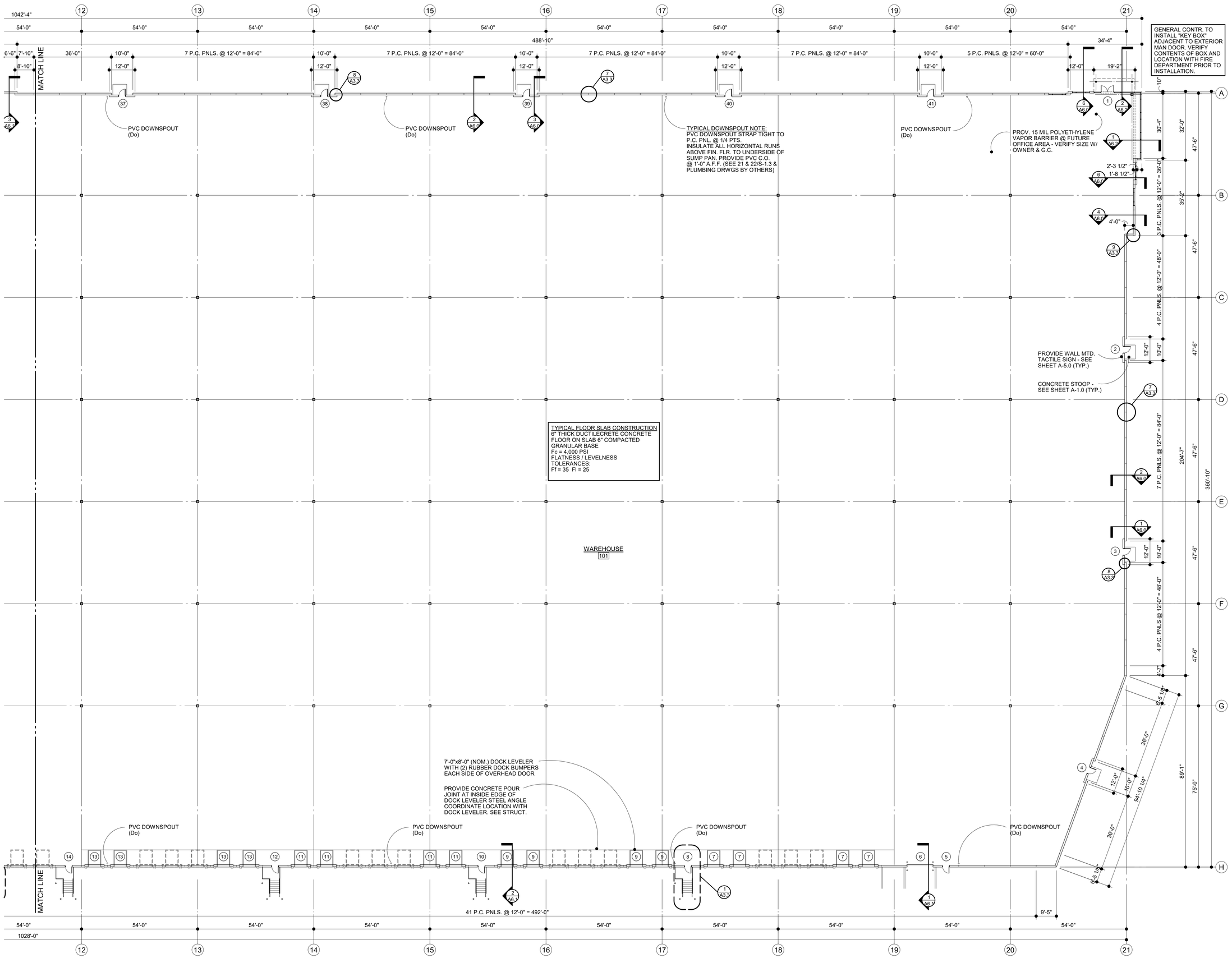
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JMW
CHECKED BY	JMW

A-3.1

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)825 S. Roselle Road)



1 A3.2 PARTIAL NORTH AREA FLOOR PLAN
SCALE: 1/16" = 1'-0"

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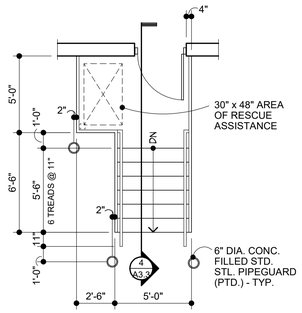
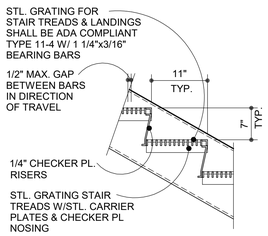
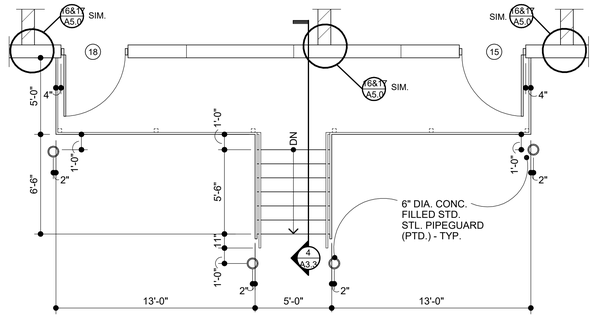


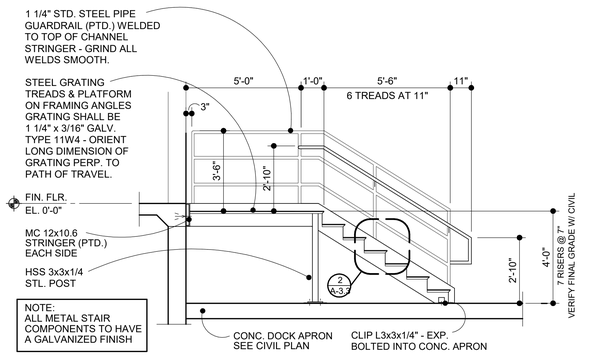
1 A-3.3 STAIR PLAN
3/8" = 1'-0"



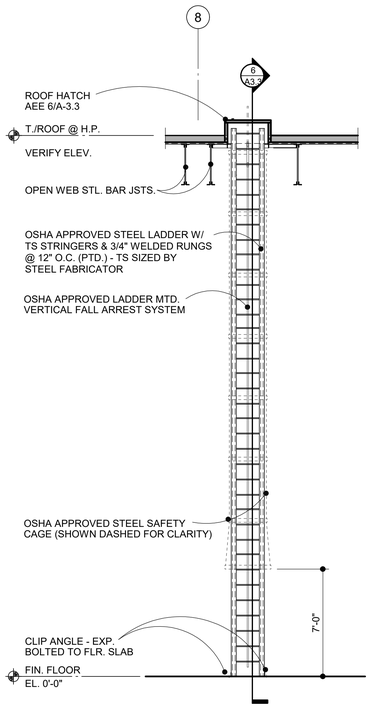
2 A-3.3 STAIR NOSING
1" = 1'-0"



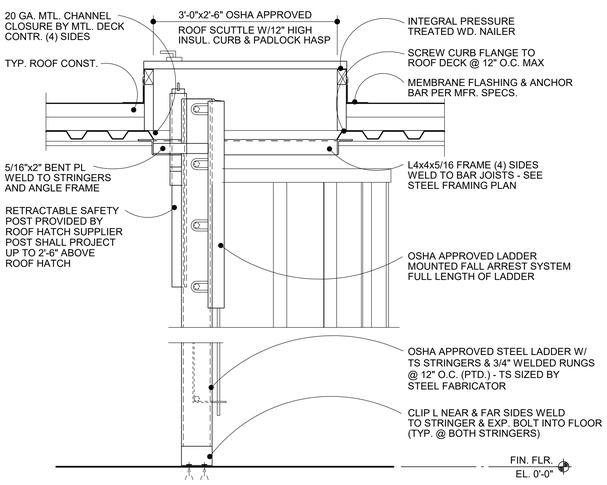
3 A-3.3 STAIR PLAN
3/8" = 1'-0"



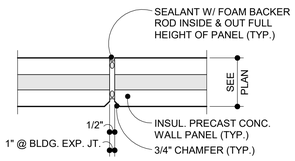
4 A-3.3 STAIR SECTION
3/8" = 1'-0"



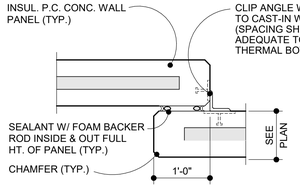
5 A-3.3 ROOF LADDER ELEVATION
SCALE: 1/4" = 1'-0"



6 A-3.3 ROOF HATCH & LADDER SECTION
SCALE: 1" = 1'-0"



7 A-3.3 TYP. P.C. JOINT
1" = 1'-0"



8 A-3.3 P.C. PANEL OVERLAP
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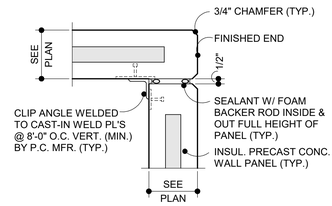

9 A-3.3 P.C. BUTT JOINT
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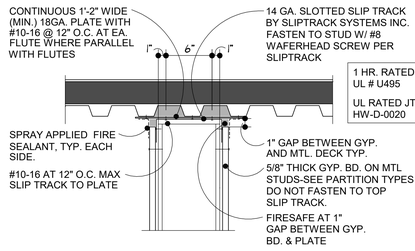
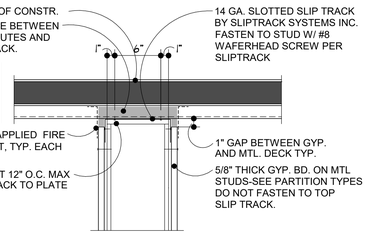
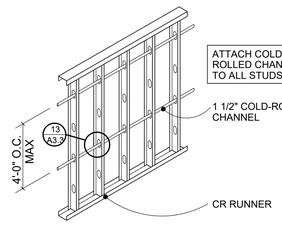


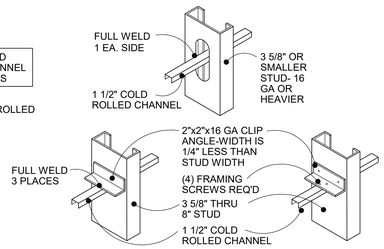
10 A-3.3 T/WALL DETAIL
SCALE: 1 1/2" = 1'-0"



11 A-3.3 T/WALL DETAIL
SCALE: 1 1/2" = 1'-0"



12 A-3.3 LATERAL BRACING
N.T.S.



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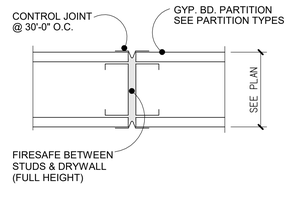
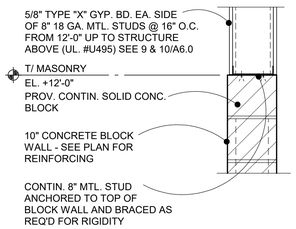
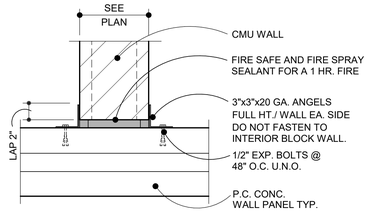
N.T.S.



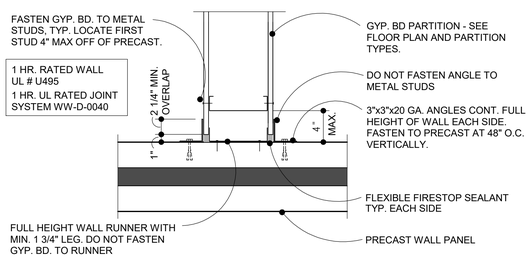
14 A-3.3 GYP. BD. EXPAN. JT.
1 1/2"=1'-0"



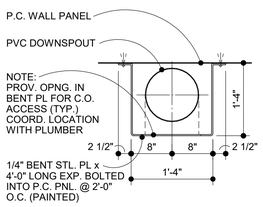
15 A-3.3 PARTITION DETAIL
1"=1'-0"



16 A-3.3 PARTITION DETAIL
1 1/2"=1'-0"



17 A-3.3 PARTITION DETAIL
1 1/2"=1'-0"



18 A-3.3 D.S. PROT. DETAIL
1"=1'-0"

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A-3.3

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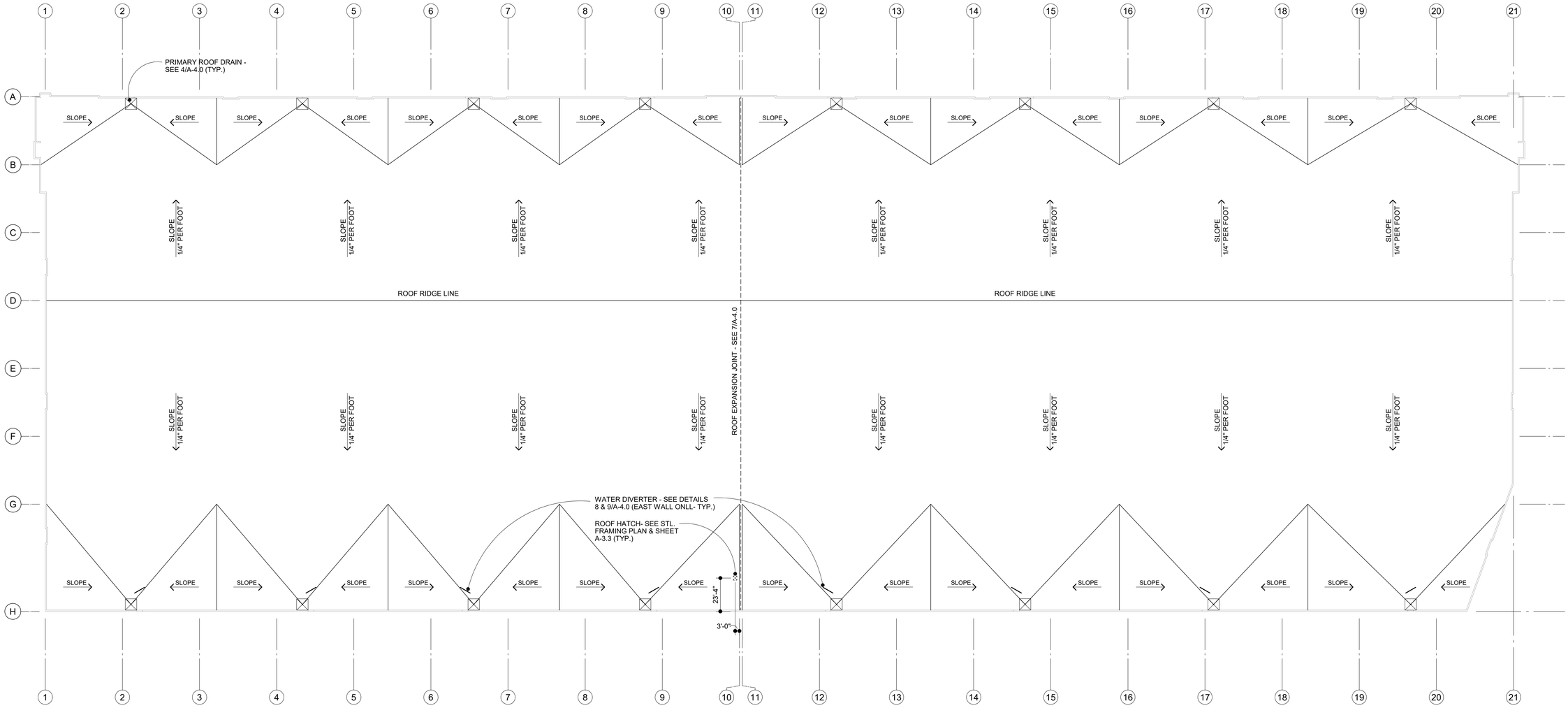
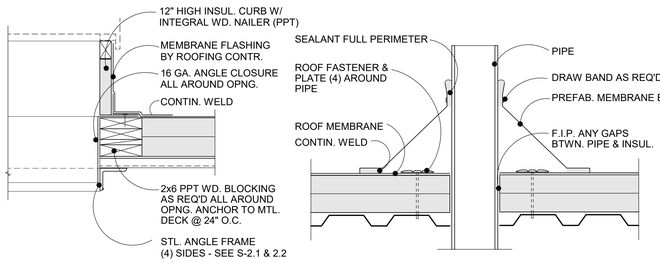


OVERALL ROOF PLAN

SCALE: 1" = 30'-0"

NORTH

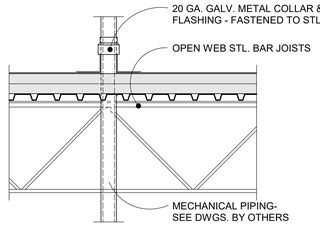


1 A4.0 HVAC CURB DET.

SCALE: 1 1/2" = 1'-0"

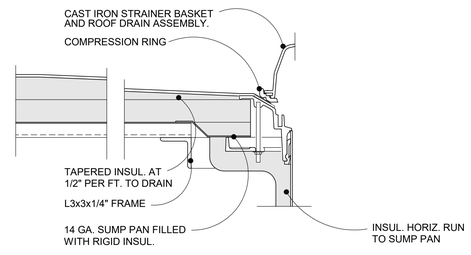
2 A4.0 PIPE BOOT DET.

SCALE: 1 1/2" = 1'-0"



3 A4.0 MECH. PIPE BOOT DET.

SCALE: 3/4" = 1'-0"

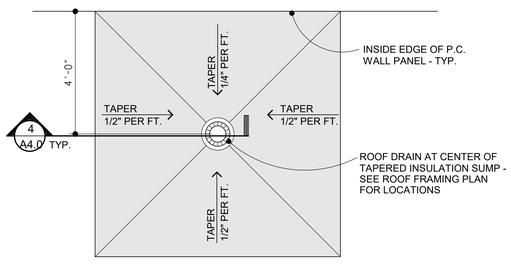


4 A4.0 PRIMARY ROOF DRAIN

SCALE: 2" = 1'-0"

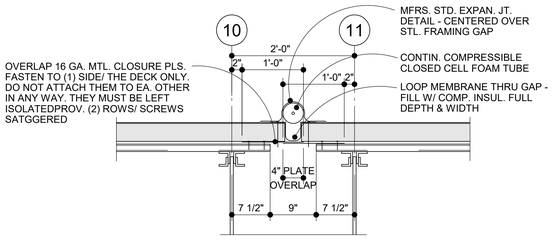
5 A4.0 NOT USED

SCALE: N.T.S.



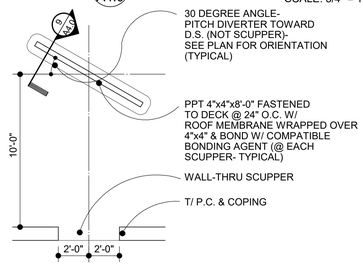
6 A4.0 ROOF DRAIN PLAN

SCALE: 1/2" = 1'-0"



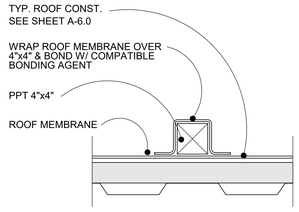
7 A4.0 EXPANSION JT. DET.

SCALE: 1" = 1'-0"



8 A4.0 WATER DIVERTER PLAN

SCALE: 1/4" = 1'-0"



9 A4.0 WATER DIVERTER

SCALE: 1/4" = 1'-0"

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A-4.0

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)825 S. Roselle Road)

DOOR SCHEDULE

DOOR, FRAME & HARDWARE NOTES

1. ALL DOORS INDICATED AS EXIT DOORS ON THE LIFE SAFETY PLANS SHALL INCLUDE HARDWARE THAT ALLOWS OPERATION & EGRESS WITHOUT THE USE OF A KEY IN THE DIRECTION INDICATED BY THE EXIT SIGN ANRROWS, AND SHALL RELEASE WITH A FORCE NOT TO EXCEED 8 1/2# FOR EXTERIOR AND 5# FOR INTERIOR DOORS.
2. ALL DOORS AND HARDWARE SHALL COMPLY WITH THE STATE OF ILLINOIS ACCESSIBILITY STANDARDS.
3. PAINT ALL HOLLOW METAL DOORS AND FRAMES.
4. GC TO VERIFY MASTER KEYING AND LEVER FUNCTION (LOCKSETS) WITH OWNER.
5. ALL CLOSERS TO BE DELAYED ACTION TYPE.
6. PROVIDE SOLID WOOD BLOCKING BETWEEN STUDS AT ALL WALL MOUNTED DOOR STOPS.
7. LOUVERS IN METAL DOORS TO BE PAINTED
8. LOUVERS IN WOOD DOORS TO BE STAINED.
9. ALL DOORS TO HAVE SILENCERS, EXCEPT THOSE WITH WEATHERSTRIPPING OR SMOKE SEALS.
10. OPENINGS TO BE RATED INCLUDE THE DOORS, FRAMES AND HARDWARE, FOR FIRE RATING INDICATED. DOORS AND FRAMES SHALL BEAR APPROVED LABELS INDICATINDG THE RATING.
11. EXTERIOR DOORS SHALL BE PROVIDED WITH AN ANODIZED ALUMINUM THRESHOLD WITH A 1/2" MAX. HEIGHT AND BEVELED EDGE SLOPES NO GREATER THAN 1:2.
12. PROVIDE ILLUMINATED EXIT SIGNS AS REQUIRED BY LOCAL CODE OFFICIALS AND FIR DEPARTMENT.
13. PROVIDE ALL HARDWARE AS REQUIRED FOR THE NORMAL OPERATION OF ALL DOORS.

NUMBER	TYPE	SIZE	DOOR MATERIAL	FRAME MATERIAL	DETAILS		FIRE RATING	ELEV. TYPE	HDWE. GROUP	REMARKS
					HEAD	JAMB				
1	FULL GLASS	PR. 3'-0" x 8'-0" x 3/4"	HERCULITE	HERCULITE	-	-	0 HR.	A	1	
2	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
3	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
4	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
5	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
6	SECTIONAL	12'-0" x 14'-0"	INSUL. MTL.	STEEL	1/A-6.1	5/A-5.0	0 HR.	C	3	
7	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
8	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
9	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
10	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
11	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
12	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
13	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
14	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
15	FLUSH	4'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	6	
16	FLUSH	4'-0" x 7'-0" x 1 3/4"	H.M.	H.M.	3/A-5.0	4/A-5.0	1 HR.	B	5	
17	FLUSH	4'-0" x 7'-0" x 1 3/4"	H.M.	H.M.	3/A-5.0	4/A-5.0	1 HR.	B	5	
18	FLUSH	4'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	6	
19	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	8	
20	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
21	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
22	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
23	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
24	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
25	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
26	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
27	SECTIONAL	12'-0" x 14'-0"	INSUL. MTL.	STEEL	1/A-6.1	5/A-5.0	0 HR.	C	3	
28	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
29	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
30	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
31	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
32	FULL GLASS	PR. 3'-0" x 8'-0" x 3/4"	HERCULITE	HERCULITE	-	-	0 HR.	A	1	
33	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
34	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
35	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
36	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
37	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
38	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
39	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
40	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
41	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	

DOOR HARDWARE GROUPS

HARDWARE GROUP #1
2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
CONCEALED VERT ROD EXIT DEVICE-EA. LEAF
CYLINDER TRIM
PULL HANDLE & PUSH BAR (EA. LEAF)
FLAT ALUMINUM THRESHHOLD
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
MEETING EDGE ASTRAGAL
CONCEALED CLOSER- EA. LEAF
CUSHION STOP ON CLOSER-EA. LEAF

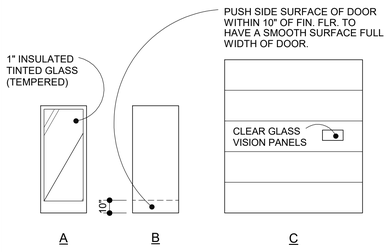
HARDWARE GROUP #2
1 1/2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
H.D. MORTISE LOCKSET w/LEVER HANDLE AND RETRACTABLE DEADBOLT
FLAT ALUMINUM THRESHHOLD
DRIP CAP ACROSS HEAD FRAME
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
SURFACE MOUNTED CLOSER-EA. LEAF
CUSHION STOP ON CLOSER-EA. LEAF
KICK PLATE ON PUSH SIDE

HARDWARE GROUP #3
3" VERTICAL LIFT TRACK
STANDARD HARDWARE & LOCK
WEATHERSTRIPPING, HEAD AND JAMBS
RUBBER ASTRAGAL
VISION PANEL (DRIVER'S SIDE ON EXTERIOR)
MOTOR OPERATOR

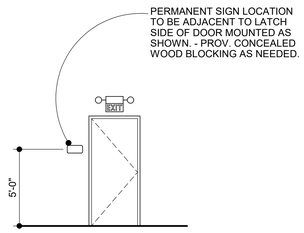
HARDWARE GROUP #4
3" VERTICAL LIFT TRACK
STANDARD HARDWARE & LOCK
WEATHERSTRIPPING, HEAD AND JAMBS
RUBBER ASTRAGAL
VISION PANEL (DRIVER'S SIDE ON EXTERIOR)

HARDWARE GROUP #5
2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
STOREROOM SET w/LEVER HANDLE
EXIT DEVICE ON THE PUSH SIDE (EA. LEAF)
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
SURFACE MOUNTED CLOSER-EA. LEAF
KICK PLATE ON EACH SIDE OF DOOR
ROOM IDENTIFICATION SIGN
1 HOUR U.L. RATED

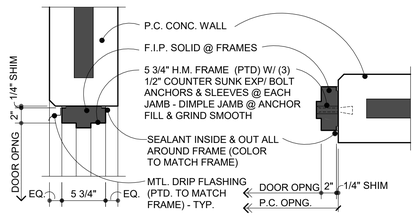
HARDWARE GROUP #6
2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
H.D. MORTISE LOCKSET w/LEVER HANDLE AND RETRACTABLE DEADBOLT
EXIT DEVICE ON THE PUSH SIDE (EA. LEAF)
FLAT ALUMINUM THRESHHOLD
DRIP CAP ACROSS HEAD FRAME
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
SURFACE MOUNTED CLOSER-EA. LEAF
CUSHION STOP ON CLOSER-EA. LEAF
KICK PLATE ON PUSH SIDE
PERMANENT ROOM IDENTIFICATION SIGNAGE



DOOR ELEVATION TYPES
SCALE: 1/4" = 1'-0"

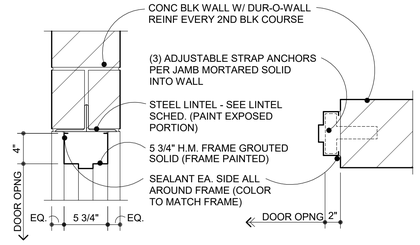


WALL MTD. SIGNAGE
SCALE: 1/4" = 1'-0"



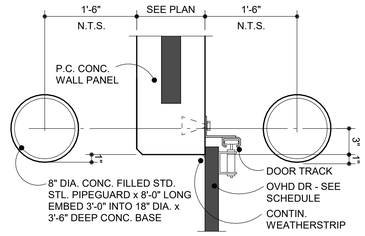
1 A-5.0 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

2 A-5.0 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

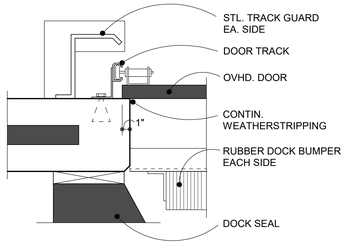


3 A-5.0 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

4 A-5.0 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



5 A-5.0 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



6 A-5.0 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

DEVELOPER
LOGISTICS PROPERTY CO

GENERAL CONTRACTOR
Pepper Construction
Tomorrow Transformed

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DESIGN FIRM NUMBER: 184-007150

ARCHITECT
DESIGN FIRM 184.008507; EXPIRATION 4.30.2023
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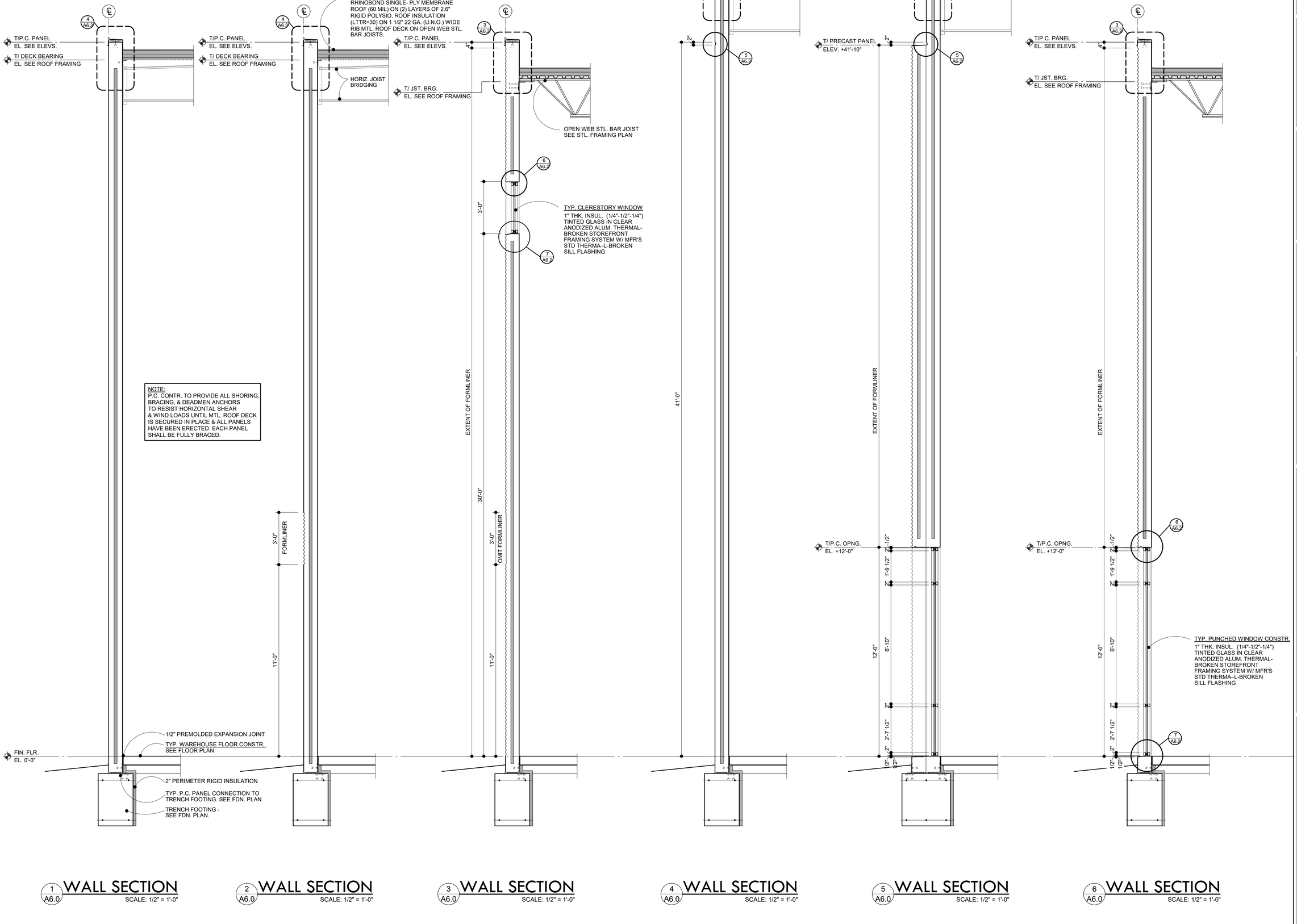
NEW OFFICE WAREHOUSE FOR:
PALATINE 90 LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JMJ
CHECKED BY	JMJ

A-5.0

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)825 S. Roselle Road)



1 A6.0 WALL SECTION — SCALE: 1/2" = 1'-0"

2 A6.0 WALL SECTION — SCALE: 1/2" = 1'-0"

3 A6.0 WALL SECTION — SCALE: 1/2" = 1'-0"

4 A6.0 WALL SECTION — SCALE: 1/2" = 1'-0"

5 A6.0 WALL SECTION — SCALE: 1/2" = 1'-0"

6 A6.0 WALL SECTION — SCALE: 1/2" = 1'-0"

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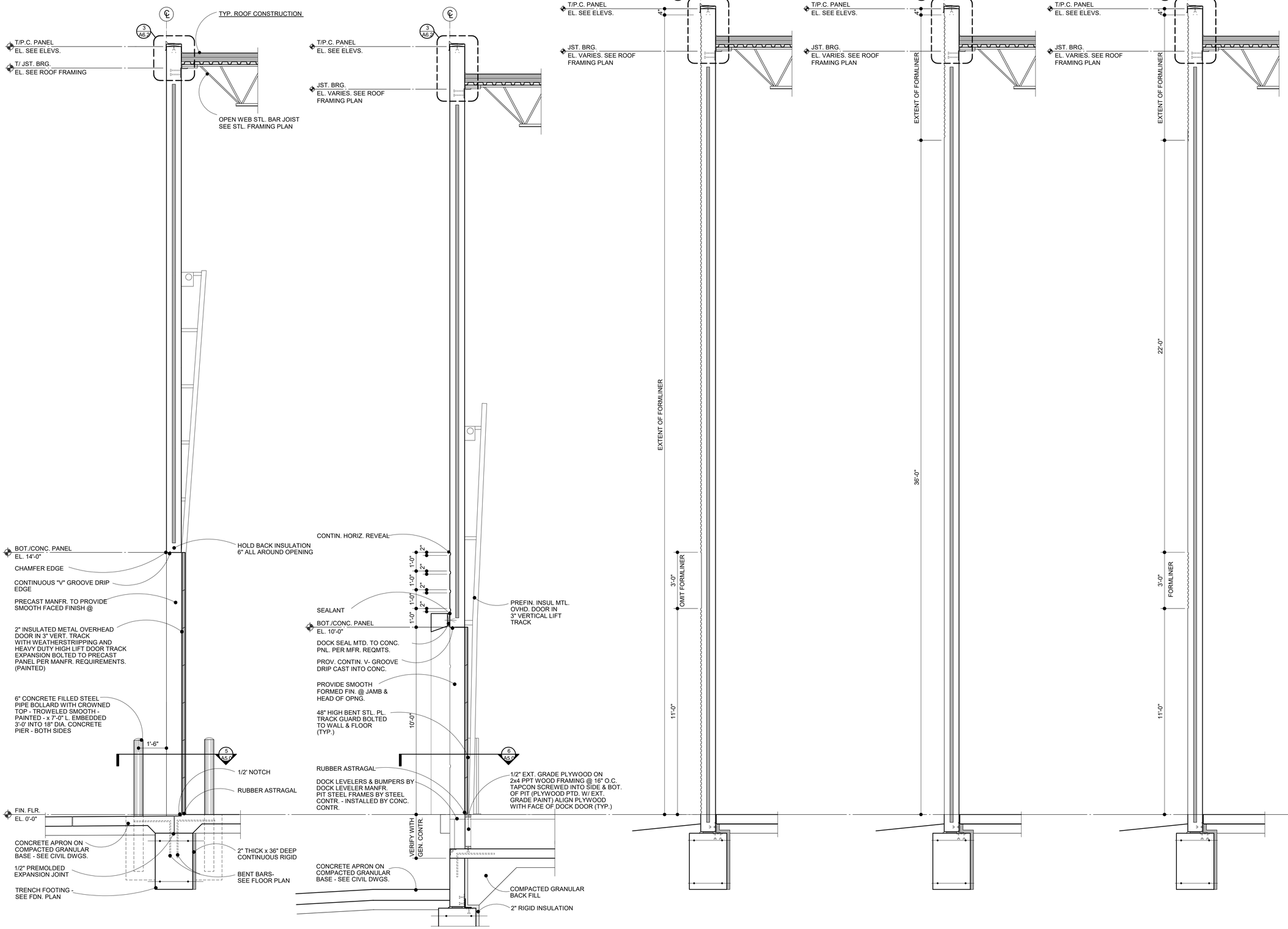
PROJECT NUMBER	2021.014
DATABASE	FLOORDB
DRAWN BY	JMW
CHECKED BY	JMW

A-6.0

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



1 A6.1 **WALL SECTION - D.I.D.** SCALE: 1/2" = 1'-0"

2 A6.1 **WALL SECTION - DOCK** SCALE: 1/2" = 1'-0"

3 A6.1 **WALL SECTION** SCALE: 1/2" = 1'-0"

4 A6.1 **WALL SECTION** SCALE: 1/2" = 1'-0"

5 A6.1 **WALL SECTION** SCALE: 1/2" = 1'-0"

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CHECKED BY	JMW

A-6.1

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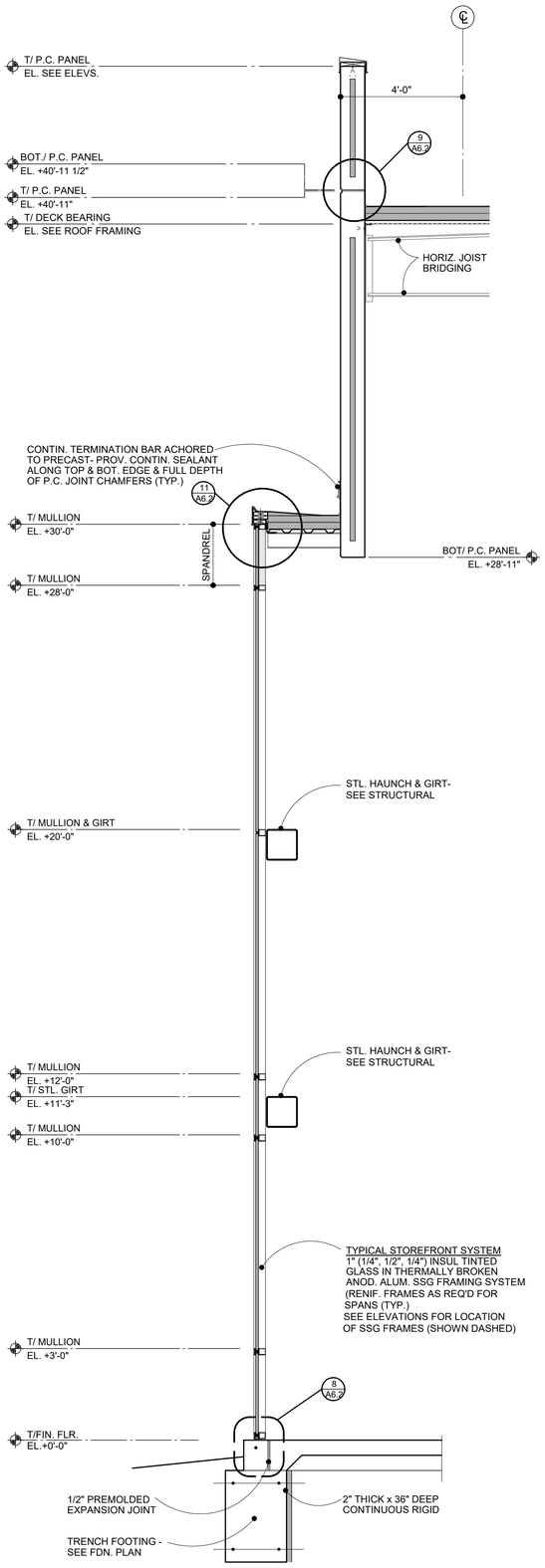
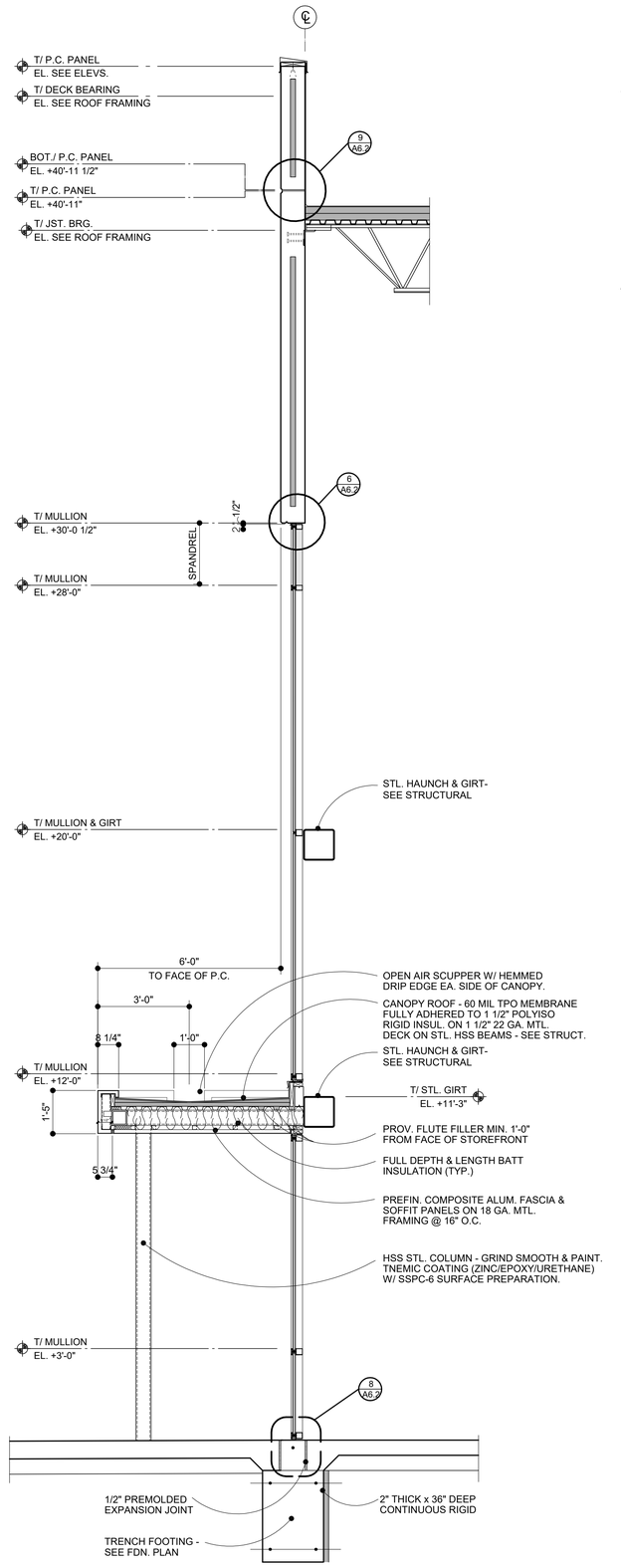


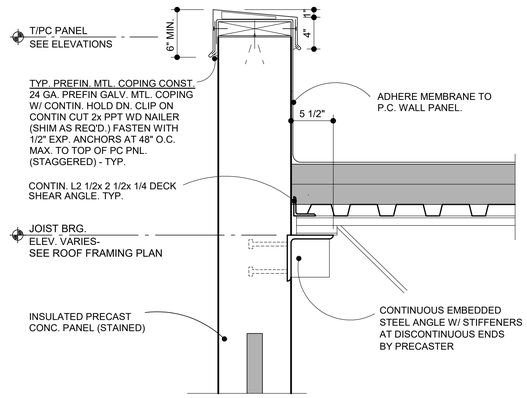
1 A6.2 WALL SECTION - ENTRY

SCALE: 1/2" = 1'-0"



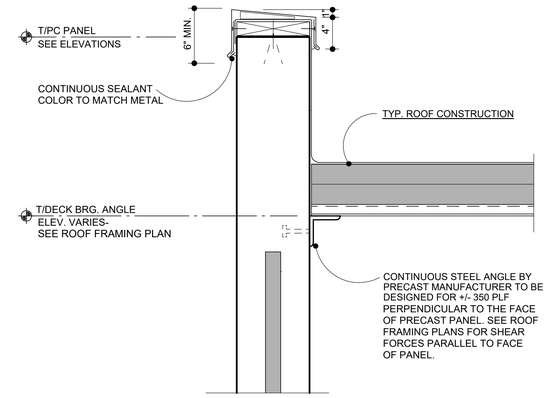
2 A6.2 WALL SECTION - ENTRY

SCALE: 1/2" = 1'-0"



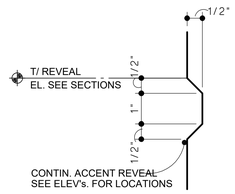
3 A6.2 JOIST BEARING

SCALE: 1 1/2" = 1'-0"



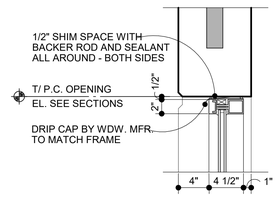
4 A6.2 DECK BEARING

SCALE: 1 1/2" = 1'-0"



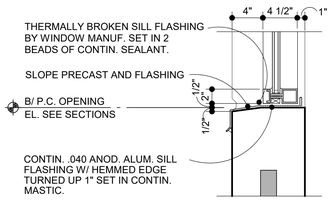
5 A6.2 P.C. REVEAL

SCALE: 1 1/2" = 1'-0"



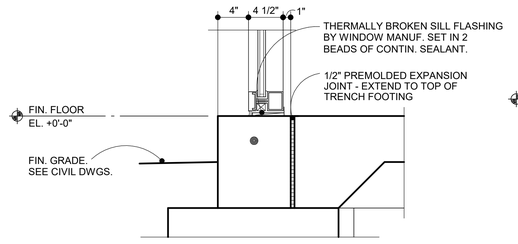
6 A6.2 WINDOW HEAD

SCALE: 1 1/2" = 1'-0"



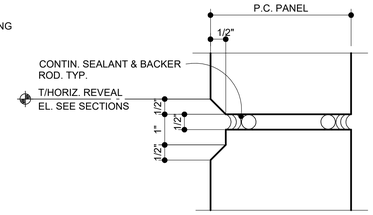
7 A6.2 WINDOW SILL

SCALE: 1 1/2" = 1'-0"



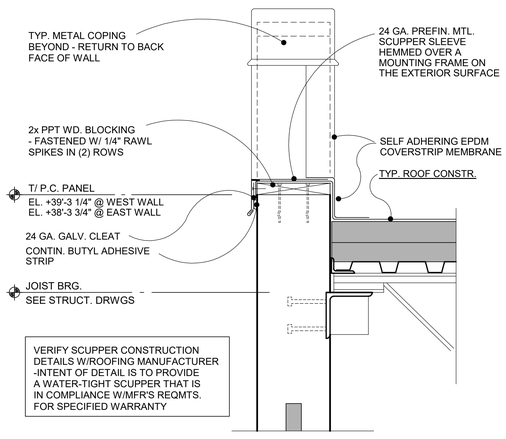
8 A6.2 WINDOW SILL

SCALE: 1 1/2" = 1'-0"



9 A6.2 P.C. SPANDREL JT.

SCALE: 3" = 1'-0"



10 A6.2 OPEN AIR SCUPPER

SCALE: 1 1/2" = 1'-0"

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING

PROJECT NUMBER	2021.014
DATABASE	FLOORDB
DRAWN BY	JMJ
CHECKED BY	JMJ

A-6.2

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

ARCHITECTURAL & STRUCTURAL SPECIFICATIONS

LAW AND COMPLIANCE

All materials used, and work performed will be in compliance with all current laws of the:
Municipality of Palatine
County of Cook
State of Illinois
or any other authority having lawful jurisdiction.

DIVISION 0 CONTRACT REQUIREMENTS

SECTION 00700 GENERAL CONDITIONS

THE CONTRACTOR SHALL

1. Provide all labor, materials, equipment transportation, storage, and service necessary to properly complete the Work.
2. Prior to beginning construction:
   A. Review the Drawings and Specifications, inspect the site and verify all dimensions and existing conditions.
   B. File a statement with the Owner identifying any conflicts with the Drawings and Specifications, any omissions or errors in the Drawings and Specifications and any discrepancies between the design and job site conditions. If the Contractor finds no such conflicts, errors, omissions, or discrepancies, Contractors statement shall so state. The Owner reserves the right to require the Contractor to remove Work completed prior to submitting above statement.
3. The Contractor acknowledges that:
   A. Construction Documents are schematic, two dimensional representations of the proposed Work utilizing scaled drawings and details. Construction of the proposed Work in three dimensions at full size can be expected to reveal job site conditions and problems which could not be reasonably delineated.
4. The Contractor shall provide:
   A. Prior to construction, locate and leave undisturbed utility lines including gas, water, sewer, storm, telephone lines. Any work on a temporary or permanent basis must be accomplished without loss of service.
   B. Provide all temporary protection as required for safety, and comply with all O.S.H.A. requirements for applicable safety standards. a temporary or permanent basis must be accomplished without loss of service.
   C. Keep site free from accumulations of rubbish and waste materials at all times. Subcontractors are to remove and dospose of their rubbish on a daily basis at the completion of daily waork. Provide a final cleaning, disposal of all tools, equipment, surplus materials and rubbish pertaining to his work.
   D. Each and every contractor and subcontractor performing work at the of the project to which this contract relative, shall comply with applicable provisions of all pertinent federal and state Labor Laws.
5. The Contractor shall provide all required building permits are included.

CHANGES IN WORK

1. Change orders:
   A. The contractor shall not deviate from the Construction Documents without first obtaining a written Change Order from the Owner authorizing such deviation.

INSURANCE

1. Provide Certificates of Insurance for the following to the Owner prior to commencement of Work.
   A. Workers Compensation
   B. Employers liability Coverage in the following limits: (Per Owner/Contractor Agreement)
   C. Comprehensive General Liability in the following limits: (Per Owner/Contractor Agreement)

INDEMNIFICATION

1. Contractor shall defend, indemnify and hold harmless the Owner from any and all claims, damages, suits, causes of action, liability and judgments, together with any attorney's fees expended by the Owner in conjunction therewith, in conjunction with any injury or damage whatsoever to person or property, arising out of the Work performed by the Contractor at the site, or any act or omission by contractor, it's employees or agents at the site.

WARRANTY

1. The Contractor shall warrant the Work, including those portions performed under subcontract, for a period of one year from the date of final written acceptance by the Owner.
2. No warranties are expressed or implied.

INSPECTIONS

Special inspections, structural testing and other material evaluations shall be in accordance with Chapter 17 of the 2015 Edition of the I.B.C..

The Owner shall contract the Testing Agency for field testing and Special Inspections as noted in this section. The owner may direct the testing agency to perform additional field work, testing, inspections or observations beyond the minimum tests and inspections noted in this section.

FREQUENCY CONTINUOUS	FREQUENCY PERIODIC	SECTION
		STEEL (SECTION 1705.2 AND AISC 360)
☐	■	1. Material verification of high strength nuts, bolts & washers: a. Identification markings to conform to ASTM standards specified in the approved construction documents. b. Manufacturer's certificate of compliance required
■ ☐ ☐	☐ ☐ ■	2. Inspection of high strength bolting (prior to bolting): a. Manufacturer's certifications available for fastener materials. b. Fasteners marked in accordance with ASTM requirements. c. Correct fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from the shear plane. d. Correct bolting procedure selected for joint detail. e. Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements. f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used. g. Protected storage provided for bolts, nuts, washers and other fastener components.
☐	■	3. Inspection of high strength bolting (during bolting): a. Fastener assemblies placed in all holes and washers and nuts are positioned as required. b. Joint brought to the snug-tight condition prior to the pretensioning operation. c. Fastener component not turned by the wrench prevented from rotating. d. Fasteners are pretensioned in accordance with the rcsc specification, progressing systematically from the most rigid point toward the free edges.
■	☐	4. Inspection of high strength bolting (after bolting): a. Document acceptance or rejection of bolted connections.
☐ ■ ■ ■ ☐ ☐	■ ☐ ☐ ☐ ■ ■	5. Inspection of welding (prior to welding): a. Welder qualification records and continuity records. b. WPS available c. Manufacturer certifications for welding consumables available. d. Material identification (type/grade). e. Welder identification system. f. Fit-up of groove welds (including joint geometry). • Joint preparations • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location) • Backing type and fit (if applicable)
☐	■	g. Fit-up of cjp groove welds of hss t-, y- and k-joint without backing (including joint geometry). • Joint preparations • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)
☐ ☐	■ ■	h. Configuration and finish of access holes. j. Fit-up of fillet welds. • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)
☐	■	6. Inspection of welding (during welding): a. Control and handling of welding consumables. • Packaging • Exposure control b. No welding over cracked tack welds. c. Environmental conditions. • Wind speed within limits • Precipitation and temperature d. WPS followed. • Settings on welding equipment • Travel speed • Selected welding materials • Shielding gas type/flow rate • Preheat applied • Interpass temperature maintained (min/max) • Proper position (f, v, h, oh)
☐	■	e. Welding techniques. • interpass and final cleaning • each pass within profile limitations • each pass meets quality requirements
■	☐	f. Placement and installation of steel headed stud anchors.
☐ ■ ■	■ ☐ ☐	7. Inspection of welding (after welding): a. Welds cleaned b. Size, length and location of welds c. Welds meet visual acceptance criteria. • Crack prohibition • Weld/base-metal fusion • Crater cross section • Weld profiles • Weld size • Undercut • Porosity
■ ■ ■ ■ ■ ☐	☐ ☐ ☐ ☐ ☐ ■	d. Arc strikes. e. K-area. f. Weld access holes in rolled heavy shapes and built-up heavy shapes g. Backing removed and weld tabs removed (if required). h. Repair activities. j. Document acceptance or rejection of welded joint or member. k. No prohibited welds have been added without the approval of the EOR.
		COLD FORMED METAL DECK (AISI S240)
■ ☐ ■	☐ ☐ ☐	8. Material verification tasks (prior to installation): a. Product identification. b. Verify compliance of connectors. c. Document acceptance or rejection of cold-formed steel structural members and connectors.
■ ■ ■	☐ ☐ ☐	9. Material verification tasks (after installation): a. Product identification. b. Verify compliance of connectors. c. Document acceptance or rejection of cold-formed steel structural members and connectors.
☐ ☐ ☐ ☐	■ ■ ■ ■	10. Inspection of welding (prior to welding): a. WPS available. b. Manufacturer certifications for welding consumables available. c. Material identification (type/grade). d. Check welding equipment.
☐ ☐ ☐ ☐	■ ■ ■ ■	11. Inspection of welding (during welding): a. Use of qualified welders. b. Control and handling of welding consumables. c. Environmental conditions (wind speed, moisture, temperature). d. WPS followed.
■ ■ ■ ■ ■	☐ ☐ ☐ ☐ ☐	12. Inspection of welding (after welding): a. Verify compliance of welds. b. Welds meet visual acceptance criteria. c. Verify repair activities. d. Document acceptance or rejection of welded connections.
☐ ☐ ☐	■ ■ ■	13. Inspection of mechanical fastening (prior to fastening): a. Mech. fastener manufacturer installation instructions available for mech. fasteners b. Proper tools available for mech. fastener installation. c. Proper storage for mech. fasteners.
☐ ☐	■ ■	14. Inspection of mechanical fastening (during fastening): a. Mech. fastener are positioned as required. b. Mech. fasteners are installed in accordance with manufacturer's instructions.
■ ■ ■	☐ ☐ ☐	15. Inspection of mechanical fastening (after fastening): a. Verify compliance of mech. fasteners. b. Repair activities c. Document acceptance or rejection of mechanically fastened connections.
		OPEN WEB STEEL JOISTS AND JOIST GIRDERS (IBC 1705.2.3)
☐ ☐	■ ■	16. Installation of open web steel joists and joist girders: a. End connections - welding or bolted. b. Bridging - horizontal or diagonal.
		CONCRETE (TABLE 1705.3)
☐ ☐ ☐ ☐ ☐ ■	■ ■ ■ ■ ■ ☐	1. Inspection of reinforcing steel, including prestressing tendons & placement. 2. Inspection of reinforcing steel welding in accordance with table 1705.3 - 2. 3. Inspection of anchors cast in concrete. 4. Inspection of anchors Installed in hardened concrete.. 5. Verify use of required design mix. 6. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump & air content tests, and determine the temperature of the concrete.
■ ☐	☐ ■	7. Inspection of concrete & shotcrete placement for proper application techniques. 8. Inspection for maintenance of specified curing temperature & techniques.
☐ ■ ■ ☐ ☐	■ ☐ ☐ ■ ■	9. Inspection of prestressed concrete: a. Application of prestressing forces. b. Grouting of bonded prestressing tendons in the seismic force resisting system. 10. Erection of precast concrete members. 11. Inspect formwork for shape, location & dimensions of the concrete being formed.
		SOILS (TABLE 1705.6)
☐ ☐ ☐ ■ ☐	■ ■ ■ ☐ ■	1. Verify materials below shallow foundations are adequate to achieVe the design bearing capacity. 2. Verify excaVations are extended to proper depth & haVe reached proper material. 3. Perform classification and testing of compacted fill materials. 4. Verify use of proper materials, densities and lift thicknesses during placement & compaction of compacted fill. 5. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.

The person administering the special inspection program is to be a licensed and registered engineer (professional or structural) in good standing with the state in which the project is located, and is familiar with the building type.

Individuals performing specific tests and inspections are to be qualified, trained and experienced at the Work they are performing. Where required and applicable, individuals are to certified by the appropriate regulatory body.

Special Inspections of soils to conform with section 1704.7 of the building code. The geo-technical report (noted in The excavating portion of the specifications) is to be used as a basis for compliance.

Special Inspections of concrete construction to conform with section 1704.4 and table 1704.4 of the building code for materials and components indicated on the construction drawings. Plants supplying concrete are to comply with aci requirements and be so certified.

Special Inspections of steel construction to comply with section 1704.3 and table 1704.3 of the building code for materials and components indicated on the construction drawings. The steel fabricator is to be A.I.S.C. certified. Joists to be designed and manufactured per SJI requirements and be so certified. Metal roof and floor decking to meet the requirements of sdi and be so certified.

Special Inspections of masonry to conform with section 1704.5 and table 1704.3 of the building code for materials and components indicated on the construction drawings.

Special Inspections of exterior insulation and finish system to conform with section 1704.12 should the E.F.I.S. be applied over a water-resistant barrier, no inspection or report is required.

Plants providing precast concrete products are to be PCI certified. See the precast concrete section of these specifications for additional requirements and information for precast concrete work.

Refer to General Concrete, Steel and Structural notes and the construction drawings for additional standards and design criteria to be included into the work of building components to be inspected.

The following schedule of Special Inspections are to be performed as a minimum by the Testing Agency:

Soils and subgrades for pavement and concrete foundations
Cast-in-place concrete and concrete floor slabs
Structural Steel
Precast Concrete

The Special Inspector is to be:

The Testing Agent/Agency is to have no contractual, fiscal or other obligations to the Contractor, Sub-Contractor or any other entity whose work is to be inspected on behalf of the Owner. Any conflict of interest must be disclosed to the Owner, Architect and Building Official prior to commencement of any Special Ispection.

The General Contractor shall be responsible for coordinating and scheduling Special Inspections and Testing. The Contractor shall notify the Special Inspector, Agency or Testing Lab at least 24 hours in advance of required inspection or test. Uninspected work resulting from lack of adequate notice may be rejected solely on that basis.

The General Contractor shall provide incidental labor and facilities to provide access to the work to be inspected or tested, to obtain and handle samples at the site or at the source of products to be tested, to facilitate tests and inspections, storage and curing of test samples.

The Special Inspection Program shall in no way relieve the General Contractor or any Sub-Contractor from their obligation to perform work in accordance with the contract documents, from implementing an effective quality control program or complying with all safety regulations (including O.S.H.A.). All work that is subjected to Special Inspections shall first be reviewed by the Contractor's quality control personnel. The Contractor shall be solely responsible for construction site safety.

The Testing Agency is to issue reports at the conclusion of each test or Inspection Practice. The reports are to be distributed to the Owner and General Contractor. Should any report claim a deficiency, failure or other non-compliance with the construction drawings then the Architect is to be notified. At the conclusion of each portion of the Special Inspection, the Testing Agency is to issue a final report indicating that the work was completed in general conformance with the construction drawings, shop drawing, erection drawings and other standards required by the Special Inspections section of the building code. The Architect and Building Official are to be copied on all final reports.

DIVISION 1 GENERAL REQUIREMENTS

SECTION 01000 PROJECT REQUIREMENTS

SUMMARY

1. The project consists of the construction of a new warehouse and office building with precast concrete exterior walls, steel truss girders, open web steel joists with metal roof deck, insulation and membrane roof system.
2. The Work includes Grading, Drainage and Sitework including a new truckwell, parking, landscaping, precast foundation, exterior precast concrete walls, roll-up and man doors, dock equipment and finishes as indicated in the Contract Documents.

PROJECT REQUIREMENTS

1. Contractors Use of Premises and Adjacent Facilities: Contractor to coordinate construction yard and site access with the Owner. Contractor to erect construction fence after rough grading work is completed. Contractor is not to disturb or encroach upon neighboring properties.

PERMITS

1. Apply for, obtain, and pay for building permits, and utility company backcharges required to perform the Work. Submit copies to the Owner.

INTENT

1. Drawings and Specifications are intended to provide the basis for proper completion of the Project suitable for the intended use of the Owner.
2. Items not expressly set fourth but which are reasonably implied or necessary for the proper performance of the Work shall be included.
3. Details marked "TYPICAL" or "TYP" shall apply in all cases unless specifically indicated otherwise.

COORDINATION

1. Coordinate the work of all trades.
2. Prepare coordination drawings for areas above ceilings where close tolerances are required between building elements and mechanical and electrical work.
3. Verify location of utilities and existing conditions. Notify Architect of conditions differing from those indicated on the drawings.
4. Verify dimensions on drawings with dimensions at the project. Do not scale Drawings.

CUTTING AND PATCHING

1. Provide cutting and patching work to properly complete the project.
2. Do not remove or alter structural components without written approval.
3. Cut with tools appropriate for materials to be cut.
4. Patch with materials and methods to produce a patch which is not visible from a distance of five feet.
5. Do not cut and patch in a manner that would result in failure of the Work to perform as intended, decrease fire performance, decrease acoustical performance, decrease energy performance, decrease operational life, or decrease safety factors.

FIELD ENGINEERING

1. Verify and locate utilities, existing facilities, and equipment.
2. Survey and layout improvements, utilities, structures and components.

SUBMITTALS

1. Submit for approval all submittals listed in each Section with the following number of copies:
   A. Shop Drawing reviewed and annotated by the Contractor: 3 copies and reproducible copy.
   B. Product Data: 3 copies
   C. Samples: 3 sets plus full range samples.
   D. Test Reports: 3 copies
   E. Warranties: 3 copies
   F. Other Submittals: 3 copies
2. Include details of construction and adjacent construction in shop drawings. Clearly indicate any deviations from requirements of the contract documents. Fabricate material from approved shop drawings only.
3. Contractor acknowledges that the Architects review of detailed shop drawings and/or equipment brochures is for the benefit of the Contractor and does not relieve the Contractor of responsibility to perform the Work in accordance with the Contract Documents.

QUALITY ASSURANCE

1. Comply with applicable codes, regulations, ordinances and requirements of authorities having jurisdiction including accessibility guide lines. Applicable codes regulations, requirements, and guidelines include but are not limited to the following:
   2015 INTERNATIONAL BUILDING CODE
   2017 NATIONAL ELECTRICAL CODE
   2015 INTERNATIONAL MECHANICAL CODE
   2018 INTERNATIONAL ENERGY CODE
   2014 ILLINOIS PLUMBING CODE
   2018 ILLINOIS ACCESSIBILITY CODE
   2000 NFPA 101 LIFE SAFETY CODE
   2015 INTERNATIONAL FIRE CODE
2. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for at least three years.
3. Use experienced installers.
4. Deliver, handle and store materials in strict accordance with manufacturers instructions.
5. Use of any supplier or subcontractor is subject to Owners approval.
6. Engage and pay for testing agencies required. Refer to individual Sections for requirements, as well as owner/contractor agreement.

TEMPORARY FACILITIES

1. Provide temporary facilities and connections required for proper completion of the Project.
2. Provide and maintain temporary utility services.
3. Pay for utility service consumed, do not waste.
4. Provide temporary protection for adjacent areas to prohibit contamination from dust and debris.
5. Provide barricades as necessary to ensure protection of the public.
6. Provide waste disposal receptacles and empty weekly. Do not permit accumulation of trash and waste material.
7. Provide temporary sanitary facilities. Clean facilities at least once a week minimum or more often if required.
8. Maintain egress within and around the project site.
9. Provide fire extinguishers in work areas during construction.
10. Coordinate with Owner area for temporary storage, site access workmen and material delivery.
11. Compressed gas cylinders when stored or used, shall be fastened securely in an upright position away from in any source of heat or flame.
12. Transport, store or dispense flammable liquids in safety cans labeled by Underwriters Laboratories or Factory Mutual laboratories.

PRODUCT SUBSTITUTIONS

1. Provide products & materials specified. Request Architects selection of colors & accessories in sufficient time to avoid delaying progress of Work.
2. Submit requests for substitutions in writing, including reasons. Submit sufficient information for Architect to evaluate proposed substitution.
3. Remove and replace Work not conforming to the Contract Documents at no additional cost to the Owner.

INSTALLATION

1. Inspect substrates and report unsatisfactory conditions in writing.
2. Do not proceed with installation until unsatisfactory conditions have been corrected. Any finishes or subsequent installations over unsatisfactory substrates shall be replaced by the Contractor at no additional cost to the Owner.
3. Take field measurements prior to fabrication where practical. Form to required shapes and sizes with true edges, lines and angles. Provide inserts and templates as needed for work of other trades.
4. Install materials in strict accordance with manufacturer's instructions and approved submittals.
5. Install materials in proper relation with adjacent construction with proper appearance.
6. Restore units damaged during installation. Replace units which cannot be restored at no additional cost to the Owner.
7. Read and follow all referenced I.C.B.O. reports for installation of items shown. Alternate methods of construction may be submitted for approval to the project Architect with applicable I.C.B.O. reports.

Materials

1. All materials and equipment shall be new and unused products unless expressly reviewed and approved by the Architect in writing that specific products may be used in the construction.
2. The Architect does not specify or recommend the use or installation of any material or equipment which is made from or which contains asbestos for use in the construction of this project. Any party installing or using such material or equipment shall be solely responsible for all injuries, damages, or liabilities of any kind, caused by the use of such materials or equipment. The provisions of this note shall apply unless expressly waived in writing by the Architect.

CLOSE - OUT

1. Prepare punch list for remaining work for review by the Architect.
2. Complete the punch list items promptly at no additional cost to the Owner.
3. Submit accurate record documents of the site and building. Submit record documents (drawings) on reproducible media. Include dimensioned locations of site utilities and utilities concealed by construction, changes in the Work by Change Order, and addenda. Submit record specifications with annotations of revisions and changes. Submit record product data and listing of products used. Provide one copy record specifications and three of record submittals.
4. Submit three copies of operating manuals, maintenance manuals & warranty certificates.
5. Obtain and submit occupancy permits.
6. Train Owner in use and operation of building systems.
7. Remove temporary facilities and provide final cleanup.

DIVISION 2 SITE WORK

(Refer to Civil & Landscape drawings for additional information. Civil & Landscaping notes shall take precedence over these specifications.)

SECTION 02100 SITE CLEARING

SUMMARY

1. Protect existing trees, vegetation, landscaping materials, and site improvements not indicated for clearing which might be damaged by construction activities.
2. Trim existing trees and vegetation as acceptable to the Owner in writing.
3. Clear and grub site of stumps, vegetation, debris rubbish, designated trees, and designated site improvements.
4. Provide topsoil striping and stockpiling at approved locations.
5. Provide temporary erosion control, siltation control, and dust control.
6. Provide temporary protection of adjacent property, structures, benchmarks, and monuments.
7. Provide temporary relocation of site improvements scheduled for reuse.
8. Water trees & vegetation during construction. Replace trees & vegetation with same specie and size if damaged or lost due to construction activities.
9. Remove and legally dispose of cleared materials not to be reused in construction.

PRODUCTS

1. Tree protection, erosion control, siltation control, and dust control materials suitable for site conditions.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.

SECTION 02200 EARTHWORK

(Verify conditions with soils report provided by Owner.)

SUMMARY

1. Provide excavation, filling, compaction, and grading for buildings, site improvements, and utilities.
2. Provide suitable materials for subbase, drainage fill, and backfill for slabs, pavements, and improvements
3. Provide removal and legal disposal of excavated materials.

SUBMITTALS

1. List and source of material from off site locations.
2. Location for disposal of excess materials.

PRODUCTS

1. Subbase Material: Graded mixture of natural or crushed gravel, or class II Aggregate base.
2. Drainage Fill: Washed evenly graded mixture of crushed stone or gravel, with 100 percent passing a 1-1/2 inch sieve and not more than 5 percent passing a No. 200 sieve.
3. Backfill and Fill Material: Satisfactory soil materials free of clay, free rock or gravel larger than 2 inches in any dimension, debris, waste, vegetation and other unsuitable materials meeting the following requirements:
   A. Percent passing No. 4 sieve: 100
   B. Percent passing No. 200 sieve: 3 max.
   C. Maximum plasticity index: 10

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements & Geotechnical Investigation Report provided by:

2. Remove and recompact upper 12 inches of native soil under building pad and extending 5 feet beyond exterior building walls. (Verify soils report requirements)
3. Compact all fill and upper 6 inches of existing subgrade in accordance with A.S.T.M D1557 as follows:
   A. Pavements 95%
   B. Building pad 90%
   C. Utility Trench in Paving
      1) Upper 2 feet 95%
      2) Below 2 feet 90%
   D. Utility Trench in Landscaped areas 90%
4. Grading:
   A. Grading Tolerances:
      1) Lawns and unpaved areas: +/- 1 inch
      2) Paved areas: +/- 1/2 inch
      3) Fill under building slabs: +/- 1/2 inch (measured w/ 10' straight edge)

SECTION 02250 SITE CONCRETE

SUMMARY

1. Provide cast-in-place concrete for sidewalks, curbs, gutters and site structures.
2. Off-site work shall conform to the specifications of the local governing authority having jurisdiction over the project.

PRODUCTS

1. Concrete: ASTM C 150, Type1 Portland cement; ASTM C 33 normal aggregates; Potable water.
   A. Design Mix: ASTM C 94, 2000 psi, 28 day minimum compressive strength.
   B. Slump: 5 inch max.
   C. Finish: Broom

INSTALLATION

1. Landings at doors: Provide a maximum of 1/2" lower than top of threshold in elevation difference.
2. Construction Tolerance: 1/8" in 10 feet for grade and alignment. 1/4" in 10 feet for vertical or sloped face on longitudinal axis.

SECTION 02511 ASPHALT PAVING

SUMMARY

1. Provide hot mixed asphalt paving over prepared sub base.
2. Provide submittals per Section 01000 and provide field testing for AC paving thickness & compaction

PRODUCTS

1. Asphalt-Aggregate Mixture: Plant-mixed, hot-laid asphalt-aggregate mixture, APWA Section 34, Class B Illinois.
   A. Total pavement thickness; asphalt concrete
      1) to 2 inches: type B, max. 1/2 inch aggregate
      2) greater than 2 inches; type B, max. 3/4 inch aggregate-Top 2" lift minimum to be 1/2 inch aggregate
2. Prime Coat: Cutback asphalt.
3. Tack Coat: Emulsified-asphalt, grade SS-1 conforming to APWA Section 34, Class B Illinois.
4. Herbicide Treatment: Du Pont Oust or approved equivalent.
5. Pavement Markings: Epoxy modified alkyd-resin type paint, AASHTO M 248, Type 1. Dunn Edwards Vin-I-Stripe W-801. Blue at handicapped areas, white elsewhere, unless otherwise noted.
6. Aggregate Base: Class II, conforming to APWA Section 34, Class B Illinois.
7. Concrete Materials: Conform to APWA Section 34, Class B Illinois.

INSTALLATION

1. Comply with Geotech Report as per Section 02200 & APWA Section 34 Class B.
2. Herbicide Treatment: Comply with manufacturers written application instructions.
3. Tack Coat: Apply to existing asphalt-concrete surfaces and vertical surfaces of existing pavements, curbs, gutters, structures, and construction joints to which pavement is to be applied. Apply at 1/10 gallon per square yard conforming with APWA Section 34, Class B Illinois.
4. Asphalt Concrete: compact to 95% minimum relative compaction.

SECTION 02700 DRAINAGE

SUMMARY

1. Provide storm drain system.

PRODUCTS

1. Storm Drain Piping: Contractors option, provide one of the following:
   A. Reinforced Concrete Pipe (RCP): Class III, conforming to ASTM C76.
      1) Joints: Either rubber gasket, ASTM C443 or mortar.
   B. Polyvinyl Chloride Pipe (PVC): Bell and spigot pipe, ASTM D3304, SDR-35.
   C. Structures: Provide drainage structures as detailed on the drawings

INSTALLATION

1. Comply with manufacturers written instructions.
2. Upon completion of backfilling and compaction of the PVC piping, test the pipe for deflection by pulling a properly sized mandrel through the line demonstrating the maximum pipe deflection does not exceed 5 percent. Furnish the Architect with a report indicating the results. If the deflection prohibits passage of the madrel, excavate the pipe and make repairs.
3. Piping shall maintain positive slope.

DIVISION 3 CONCRETE

SECTION 03300 CAST-IN-PLACE CONCRETE

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Provide plant mixed cast-in place concrete.
   A. Foundations and footings.
   B. Slabs
2. Comply with ACI 301, Specifications for Structural Concrete for buildings. ACI 318, Building Code Requirements for Reinforced Concrete & CRSI Manual of Standard Practice. Provide FF45 & FL55 minimum at all concrete slabs.

PRODUCTS

1. Concrete Design Mixes: As indicated on structural drawings.
2. Formwork: Plywood or metal panel formwork sufficient for structural & visual requirements.
3. Reinforcing: As indicated on structural drawings.
4. Concrete Materials: ASTM C150, Type V Portland cement; (Type as indicated on structural drawings)
   A. Normal weight aggregate: ASTM C33.
   B. Fly Ash: ASTM C618, Type F.
5. Bonding Compound: Polyvinyl acetate or acrylic base.
6. Epoxy Adhesive: ASTM C 881 two component material.
7. Anchor bolts: ASTM A307.
8. Dry pack: Mix 1 part cement to 1-1/2 parts fine aggregate with a minimum of water. Minimum compressive strength of 3000 psi at 28 days.
9. Curing / Sealing compound shall be compatible with bond breaker.

INSTALLATION

1. Comply with ASTM C94, CRSI Manual of Standard Practice, IBC edition, & ACI publications.
2. Maximum concrete slump at delivery: 4 inches.
3. Reinforcing steel placement:
   A. Concrete placed against soil; 3 inches.
   B. Concrete placed in forms & subsequently exposed to weather 2 inches.
   C. Clear separation between bars; 1-1/2 bar diameters with a minimum of 1-1/2 inches clear.
   D. Splices; Lap 30 bar diameters or 24 inches whichever is greater & welded splices are not allowed, unless otherwise noted or shown.
   E. Secure reinforcing steel in position prior to placement of concrete.
4. Properly secure in position all anchor bolts, inserts, dowels, & other items indicated on drawings to be cast in concrete, prior to placement of concrete.
5. Provide concrete finishes for formed surfaces:
   A. Not Exposed to View: As-cast form finish.
   B. Exposed to View Surfaces: Smooth form finish.
   C. Sack & patch as required to attain smooth uniform appearance.
   D. All pick point depressions to be filled.
6. Provide Concrete Finish for Monolithic Slabs:
   A. Scratch finish for surfaces to receive concrete floor topping or mortar setting bed.
   B. Trowel finish for surfaces to be exposed to view or covered with resilient flooring, carpet, tile or other thin finish system.
   C. Trowel & broom finish for surfaces to receive thin-set ceramic tile finish or quarry tile.
   D. Non-slip broom finish for exterior concrete platform, steps & ramps, unless otherwise noted.
7. Install concrete per ACI 302.1R. Repair any damaged areas to achieve acceptable finishes with approved materials.

SECTION 03410 PLANT PRECAST CONCRETE

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Design and construct precast wall panels to withstand lifting and bracing loads and impact from adjoining panels.
2. Submit shop drawings, concrete mix designs, and laboratory test reports.
3. Comply with ASTM C94; ACI 301, "Specifications for Structural Concrete for Buildings"; ACI 318, "Building Code Requirements for Structural Concrete"; CRSI's "Manual of Standard Practice"; AWS D1.1; and AWS D1.4.
4. Engage a qualified independent testing agency to design concrete mixes.
5. All precast shall be designed for anchorage, erection, reinforcing, and applied loads by a registered structural engineer, licensed in the state where the panels are to be fabricated. He shall provide all drawings, and calculations to which he shall affix his seal & signature.
6. Precast concrete panels shall be prestressed to structurally support the roof structure (wind & live load) & handling (erecting) loads, and shall be designed so that both wythes of concrete, inner & outer, shall be kept in compression under all loading conditions. No flexural tension is to be allowed in the pre-compressed tensile conditions. Both wythes shall be stressed to minimize any bowing due to eccentricity of prestress force.
7. Insulated precast concrete panels are to have continuous polystyrene insulation as required to achieve a minimum resistance rating of R=12.0, or as noted in the construction documents.
8. See construction documents for the precast panel finish.

DEVELOPER

LOGISTICS® PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
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DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.03.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JMJ
CHECKED BY	JMJ

SP-1

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)825 S. Roselle Road)

ARCHITECTURAL & STRUCTURAL SPECIFICATIONS

PRODUCTS

1. Deformed Reinforcing Bars: ASTM A615, Grade 60 (ASTM A615M, Grade 420); ASTM A305.
2. Portland Cement: ASTM C150, Type 1.
3. Prestressed steel strands: ASTM A-416.
4. Aggregates: ASTM C33, Class 4S.
5. Miscellaneous steel: ASTM A-36
6. Steel anchors, inserts, coils & bolts: ASTM A-325; A-307.
7. Insulation: Polystyrene.
8. Water: Clean & void of all deleterious materials.

EXECUTION

1. Fabrication:
   A. All concrete to be designed & manufactured in accordance with ACI-301, ACI-304, ACI-311, ACI-318, ACI-347, ACI-533, CRSI manual of Standard Practice. PCI-116, AWS D1.0, AWS D12.1
   B. Concrete strength shall be at least 5,000 PSI at 28 days & shall be at least 3,500 PSI at release.
   C. Concrete back side shall be floated smooth, free from oil, grease, trowel marks, honeycombing and exposed aggregate.
   D. Eposed edges are to be sharp, straight & square. All flat surfaces shall be a true plane.
   E. Additives or mixtures containing calcium chloride will not be allowed in the concrete.
   F. Tolerances shall be 1/8" in width, 1/2" in length & 1/4" in depth for all dimensions. All window & door tolerances are to be 1/4".
   G. Any steel hardware embedded into the panels which is exposed to the exterior of the building is to be hot-dipped galvanized. Paint any portion where the galvanizing is removed due to welding. Steel located in the exterior face of the panels are to be approved by the architect.
2. Erection:
   A. Tilt & raise panels; erect plumb. Accurately position & align panels & anchor in place. Grout-fill joints between panels and foundation system. Securely brace & shore panels until supporting structure has been installed.
   B. Installation Tolerance: 1/4-inch (6-mm) maximum offset in alignment with adjacent members at any point.
   C. Welding shall conform to aws specifications (except as modified by AISC Specifications) & shall be performed by certified welders. Prime all welds & exposed steel after welding is complete.
   D. Provide plastic cover caps at all lifting locations.
   E. Panels with cracks, voids, protrusions, spalls, or non uniform color or texture will not be approved. Repairs will be permitted only with approval by Architect. Remove and replace defective or damaged panels.
   F. Patching shall be done per ACI standards.

DIVISION 5 METALS

SECTION 05120 STRUCTURAL STEEL

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Provide Structural Steel for building construction and related anchors, fasteners and connectors.

SUBMITTALS

1. Submit shop drawings of structural steel members and connections.

QUALIFICATIONS

1. Steel Fabricators: I.C.B.O. Steel Fabricators License.
2. Welders: AWS certified.

PRODUCTS

1. Standards: AISC, Code of Standard Practice for Steel Buildings and Bridges, and applicable regulations.
2. Steel Materials:
   A. Structural Steel Shapes: ASTM A992.
   B. Plates and Bars: ASTM A36.
   C. Cold-Formed Steel Tubing: ASTM A500, Grade B.
   D. Steel Pipe: ASTM A53, Type E or S, Grade B.
   E. Anchor Bolts: ASTM A307 unless noted otherwise.
   F. Unfinished Threaded Fasteners: ASTM A307, Grade A.
   G. High strength threaded Fasteners: ASTM A325 where indicated.
3. Auxiliary Materials:
   A. Welding Electrodes: AWS D1.1 Structural Welding Code- Steel.
   B. Primer Paint: TNEMEC FD 88 Azeron alkyd, Grey Oxide color.
   C. Non-Metallic Shrink-Resistant Grout: Premixed non-metallic grout per ASTM C 1107.
   D. Expansion Anchors: ITW Redhead or equivalent, ICBO Report No. 1372.

FINISHES

1. All steel to be gray primer color.

INSTALLATION

1. Steel Fabrication & Erection: Comply with accepted practices and provisions of the American Institute of Steel Construction Manual, latest edition.
2. Bolt Holes: Punch or Drill holes 1/16 inch larger than bolt diameter. Torching of holes is not allowed.
3. Welding: Weld with E70xx Electrodes by the manual shielded arc method. Welding technique and workmanship shall conform to the Structural Welding Code of the American Welding Society. Perform all welding by AWS certified welders.
A. Butt Welds: Full Penetration only.
4. Shear Plates: Fabricate from 3/8 inch minimum plate.

SECTION 05210 STEEL JOISTS

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Submittals: Product Data, Shop Drawings, and material certificates indicating compliance with SJI's specifications.
2. Comply with recommendations of SJI's "Standard Specifications Load Tables and Weight Tables for Steel Joists and Joist Girders" and AWS D1.1 "Structural Welding Code- Steel."

PRODUCTS

1. Bolts, Nuts, and Washers: ASTM A307, Grade A (ASTM F568, Property Class 4.6); non high-strength carbon-steel, hexhead bolts; carbon-steel nuts; and flat, unhardened steel washers, uncoated.
2. Primer: SSPC-Paint 15, Type I, grey oxide or FS TT-P-636, grey oxide.
3. Manufacture joists according to SJI's specifications with steel angle top and bottom chord members.
4. Bridging anchors and horizontal or diagonal bridging.
5. Shop Priming: Prepare surfaces according to SSPC-SP 2 or SSPC-SP 3 Shop prime steel joists to a dry film thickness at least 1 mil (0.025mm).

INSTALLATION

1. Install joists and accessories plumb, square, and true to line; securely fasten to supporting construction according to SJI's specifications.
2. Field weld joists to supporting steel framework and steel bearing plates.
3. Bolt joists to supporting steel framework using carbon-steel bolts, unless otherwise indicated.
4. Install and connect bridging concurrently with joist erection before construction loads are applied. Anchor ends of bridging lines at top and bottom chords where terminating at walls or beams.

SECTION 05300 STEEL DECK,

REFER TO STRUCTURAL DWGS.

SECTION 05400 COLD-FORMED METAL FRAMING

SUMMARY

1. Engineer, fabricate and erect cold-formed metal framing with the minimum physical and structural properties as noted on the plans.
   A. Interior Load-Bearing Walls: Lateral deflection of L/240.
   B. Ceiling Joists: Vertical deflection of L/360
2. Calculate structural characteristics of cold-formed metal framing according to AISI's "Specification for the Design of Cold-Formed Steel Structural Members."
3. Submit Product Data and Shop Drawings.
4. Comply with AWS D1.1, "Structural Welding Code- Steel," and AWS D1.3, "Structural Welding Code- Sheet Steel."
5. Protect cold-formed metal framing from corrosion and other damage during delivery, storage, and handling.

PRODUCTS

1. Materials
   A. Galvanized Steel Sheet: ASTM A653, G60 (ASTM A653M, Z180) zinc coated; structural quality; Grade 50 (Grade 345), Class 1 or 2.
   B. Steel Studs and Track: Fabricate with flange width of 2 inches design uncoated steel thickness to match stud and depths indicated.
   C. Steel Joists: Fabricate of sizes as per plans.
2. Accessories
   A. Steel Shapes and Clips: ASTM A653, G60 (ASTM A653M, Z180) structural quality; Grade 33 (Grade 230).
   B. Cast-In-Place Anchor Bolts & Studs: ASTM A307, Grade A(ASTM F568, Property Class 4.6); carbon-steel hex-head bolts & studs carbon-steel nuts; and flat, unhardened-steel washers. Hot-dip galvanize according to ASTM A153.
   C. Mechanical Fasteners: Corrosion-resistant coated, self-drilling, self-threading steel drill screws.
   D. Galvanizing Repair Paint: SSPC-Paint 20 or DOD-P-21035.

INSTALLATION

1. Install framing and accessories level, plumb, square and true to line, and securely fasten. Temporarily brace framing.
2. Fasten framing members by welding or screw fastening.
3. Install insulation in built-up exterior framing members.
4. Fasten reinforcement plates over web penetrations larger than standard punched openings.
5. Studs: Install, align, and securely anchor continuous tracks to supporting structure. Squarely seat studs against webs of top and bottom tracks. Space studs as indicated; plumb, align, and fasten both flanges of studs to top and bottom track.
   A. Install and fasten horizontal bridging in stud system, spaced in rows not more than 48 inches apart.
   B. Install miscellaneous connections, accessories, and supplementary framing.
6. Joists: Install, align, & securely anchor perimeter joist track. Install joists bearing on supporting framing, level, straight, & plumb, adjust to final position, brace, & reinforce. Fasten joists to both flanges of joist track.
   A. Install bridging and fasten bridging at each joist intersection.
   B. Install miscellaneous joist framing and connections, including web stiffeners, closure pieces, clip angles, continuous angles, hold-down angles, anchors and fasteners.

DIVISION 6 WOOD, PLASTICS AND COMPOSITES

SECTION 06100 ROUGH CARPENTRY

SUMMARY

1. This section includes the following:
   A. Rooftop equipment bases & support curbs.
   B. Wood blocking, cants & nailers.
   C. Subflooring & underlayment.
   D. Plywood & backing panels.

PRODUCTS

1. Wood products, General:
A. Lumber: DOC PS 20 and applicable rules of lumber grading agencies certified by the American Lumber Standards Committee Board of Review.
B. Wood Structural Panels (Plywood): Either DOC PS 1 or DOC PS 2, unless otherwise indicated.
2. Wood preservative treated materials:
A. Preservative Treatment by Pressure Process: AWPA C2 (lumber), except that lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWPA C31 with inorganic boron (SBX).
3. Fire retardant treated materials:
A. General: Where fire-retardant-treated materials are indicated, provide materials that comply with performance requirements in AWPA C20 (lumber) and AWPA C27 (plywood). Identify fire retardant treated wood with appropriate classification marking of UL, U.S. Testing, Timber Products Inspection, or another testing and inspecting agency acceptable to authorities having jurisdiction.
4. Miscellaneous lumber:
A. General: Provide lumber for support or attachment of other construction. For items of dimension lumber size, provide Construction, Stud, or No. 2 grade lumber with 19 percent maximum moisture content. For exposed boards, provide lumber with 19 percent maximum moisture content. For concealed boards, provide lumber with 19 percent maximum moisture content.
5. Fasteners:
   A. General: Provide fasteners of size and type indicated that comply with requirements specified in this Article for material and manufacture.
   1) Where carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
   B. Nails, Wire, Brads, and Staples: FS FF-N-105.
   C. Power-Driven Fasteners: CABO NER-272.
   D. Wood Screws: ASME B18.6.1.
   Screws for Fastening to Cold-Formed Metal Framing: ASTM C 954, except with wafer heads and reamer wings, length as recommended by screw manufacturer for material being fastened.
   F. Lag Bolts: ASME B18.2.1.
   G. Bolts: Steel bolts complying with ASTM A 307, Grade A ; with ASTM A 563 hex nuts and, where indicated, flat washers.
   H. Expansion Anchors: Anchor bolt and sleeve assembly of material indicated below with capability to sustain, without failure, a load equal to 6 times the load imposed when installed in unit masonry assemblies and equal to 4 times the load imposed when installed in concrete as determined by testing per ASTM E 488 conducted by a qualified independent testing and inspecting agency.
   1) Material: Carbon-steel components, zinc plated to comply with ASTM B 633, Class Fe/Zn 5.
   2) Product: Subject to compliance with requirements, provide Kwik Bolts by Hilti.
   I. Injection Anchors: Subject to compliance with requirements, provide one of the following or approved equal.
   1) HIT C-20 Injection Adhesive Anchors by Hilti.
   2) Chem-Fast Acrylic Epoxy Injection Mortar by Rawl.

INSTALLATION

1. Installation, General:
A. Discard units of material with defects that impair quality of carpentry and that are too small to use with minimum number of joints or optimum joint arrangement.
B. Set carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit carpentry to other construction; scribe and cope as needed for accurate fit. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.
C. Apply field treatment complying with AWPA M4 to cut surfaces of preservative-treated lumber and plywood.
D. Securely attach carpentry work as indicated and according to applicable codes and recognized standards.
E. Countersink fastener heads on exposed carpentry work and fill holes with wood filler.
F. Use fasteners of appropriate type and length. Predrill members when necessary to avoid splitting wood.
2. Wood blocking & nailer installation:
A. Install where indicated and where required for attaching other work. Form to shapes indicated and cut as required for true line and level of attached work. Coordinate locations with other work involved.
B. Attach items to substrates to support applied loading. Recess bolts and nuts flush with surfaces, unless otherwise indicated.
3. Panel Product Installation:
A. Wood Structural Panels: Comply with applicable recommendations contained in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial," for types of structural-use panels and applications indicated.
B. Particleboard Underlayment: Comply with the National Particleboard Association's recommendations for type of subfloor indicated. Fill and sand gouges, gaps, and chipped edges. Sand uneven joints flush.

DIVISION 7 THERMAL & MOISTURE PROTECTION

SECTION 07160 UNDERSLAB VAPOR RETARDER

SUMMARY

1. Surface preparation.
2. Application of underslab vapor retarder.
3. Comply with following standards:
   A. American Society for Testing and Materials (ASTM): ASTM E1745, ASTM E154, ASTM E96, ASTM E1643, ASTM F1249-01.
   B. American Concrete Institute (ACI): ACI 302.1R-96

PRODUCTS

1. Protect materials during handling and application to prevent damage, warping, or contamination.
2. Product not intended for uses subject to abuse or permanent exposure to the elements. Do not apply to frozen ground.
3. Approved Manufacturer: Stego Industries, LLC or approve equivalent.
4. Plastic Vapor Retarder: Minimum performance requirements are:
   A. Minimum Permeance ASTM E96: 0.024 Perms
   B. Water Vapor Transmission Rate ASTM F1249: 0.012 grains per square foot per hour.
   C. Resistance to Organisms and Substrates in Contact with Soil ASTM E154, Section 13: 0.051 Perms.
   D. Tensile Strength ASTM E154, Section 9: 52 lbs. force/inch.
   E. Puncture Resistance ASTM D1709, Method B: 3,770 Grams.
   F. Water Vapor Retarder ASTM E1745: Meet or exceed Class A, B & C
   G. Thickness of Retarder (plastic) ACI 302.1R-96: 15 mils minimum.
5. Accessories:
   A. Provide minimum 4 inch wide High Density Polyethylene Tape with pressure sensitive adhesive.
   B. Pipe Boots: Construction from vapor barrier material and pressure sensitive tape per manufacturer's instructions.

INSTALLATION

1. Prepare surfaces in accordance with manufacturer's instructions and install per manufacturer's instructions and ASTM E1643-98.
2. Unroll vapor barrier with longest dimension parallel with the direction of pour. Lap vapor barrier over footings and seal to foundation walls. Overlap joints 6 inches and seal with manufacturer's tape. Seal all penetrations (including pipes) with manufacturer's pipe boot.
3. No penetration of the vapor barrier is allowed except for reinforcing steel and permanent utilities.
4. Repair damaged areas by cutting patches of vapor barrier, overlapping damaged area 6 inches and taping all four sides with tape.

SECTION 07210 BUILDING INSULATION

SUMMARY

1. Provide Building Insulation as follows:
   A. Thermal batt and board insulation.
   B. Sound attenuation batt insulation.
   C. Spray foam.

PRODUCTS

1. Thermal Batt Insulation: Faced glass fiber or mineral fiber batts, ASTM C665, Type III, class A, with foil-scrim vapor-retarder membrane on one face, 4" thickness, R-13 thermal resistance.
2. Thermal Batt Insulation: Faced glass fiber or mineral fiberbatts, ASTM C665, Type III, with foil-scrim vapor-retarder membrane on one face, R-38 Thermal Resistance.
3. Thermal Board Insulation: Faced Polyisocyancurnate 1" thickness, Type 1A w/ vapor-retarder membrane on one face, R-7 thermal resistance.
4. Acoustical Insulation: Unfaced glass fiber or mineral fiber batts, ASTM C665, Type I (unfaced), walls 4" thickness, ceilings 6" thickness.
5. Accessories:
   A. Adhesives and mechanical fasteners as recommended in writing by the insulation manufacturer.
4. Acoustical Insulation: Unfaced glass fiber or mineral fiber batts, ASTM C665, Type I (unfaced), walls 4" thickness, ceilings 6" thickness.
6. Spray Foam for concealed/confined/covered spaces: Versi-Foam Systems 28 & 88 by RHH Foam Systems, Inc. to be provided in concealed & confined spaces for the means of providing thermal protection. A 2-part, low density, closed cell, low pressure spray foam application.
7. Spray Foam for perimeter of metal decking & roof penetrations: Icynene Proseal Spray applied polyurethane foam insulation & air barrier material. To be provided between metal deck & vertical wall interface & around openings of all roof penetrations. Provide a minimum 1 1/2" thick coating to attain a Class II vapor permeance. A 2-part, low density, closed cell, low pressure spray foam application.
8. Spray Foam for Extreme Cold Temperature Application: Use Hilti CF-I XTW WD insulating foam sealant.

INSTALLATION

1. Install insulation according to the manufacturer's written instructions.
2. Thermal Batt Insulation: Install thermal batt insulation in stud wall furring cavities at exterior walls.
3. Thermal Board Insulation: Install thermal board insulation on the inside face of existing concrete exterior walls from the top of stud walls to the bottom of the existing roof insulation at the underside of the roof deck.
4. Acoustical Insulation: Install acoustical insulation where indicated at interior walls and ceilings.

SECTION 07540 THERMOPLASTIC MEMBRANE ROOFING (TPO-RHINOBOND)

SUMMARY

1. The roof system shall be installed only by a qualified contracting firm which is approved by the single-ply membrane roofing system materials manufacturer to install and warranty the entire roof system. This section includes the following:
   A. Membrane sheet goods.
   B. Roof insulation.
   C. Slip sheets.
   D. Solvents for cleaning membrane.
   E. Covered or concealed insulation and membrane fasteners and plates.
   F. Termination bar.
   G. Membrane Adhesives.
   H. NP-1, one-part caulk sealant.
   I. Accessories; pipe boots, corners, unreinforced flashing membrane.
   J. Roof protection pad (equipment walk way pad).
   K. Roof metal for wall cap, for expansion joints or transitions, or for drainage system metal (and fabrication).
   L. Sponge backer rod, where specified.
   M. Expansion joints.
   N. Wood Blocking for water diverters (where specified).
   O. Caulks and sealants required for the waterproofing system, other than NP-1 sealant.
   P. Expanding foam sealant, for cut-off of ambient air in flutes at deck cut-outs for penetrations.

PRODUCTS

1. Membrane sheet goods:
   A. Membrane roofing shall be Carlisle Sure-Weld, white, 60 mil, polyester reinforced,, TPO sheet membrane as manufactured by Carlisle Syntec (Firestone & Johns-Manville are approved equals).
2. Roof Insulation:
   A. Roof insulation shall be (2) layers of 2.5" rigid polyisocyanurate insualtion, providing an LTTR R-Value of 30 minimum.
   B. Provide tapered strip around roof perimeter (if indicated), roof curbs, roof hatches, & all other penetrations requiring the redirection of water flow to the vertical drainage system. Insulation to be 2'-0" wide minimum.
3. Termination bar:
   A. Manufacturer's standard predrilled stainless-steel or aluminum bars, approximately 1 by 1/8 inch thick; with anchors.
4. Walkways:
   A. Provide manufacturer's standard reinforced walkway pads at step off areas at roof hatches, & in front of each service panel of roof top units. Material to be adhered, welded or otherwise bonded to roof membrane using manufacturer's methods & products.
5. Flashing:
   A. Flashing shall be membrane roofing per manufacturer's recommendations & shall include adhesives, tapes, flashings, cements & sealants, as required for a watertight seal. Flashing shall be of the type, thickness & size appropriate for the application.
6. Fasteners:
   A. Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane to substrate, and acceptable to membrane roofing system manufacturer.

INSTALLATION

1. Installation, General:
   A. Verify that roof openings and penetrations are in place and set and braced and that roof drains are securely clamped in place.
   B. Verify that wood blocking, curbs, and nailers are securely anchored to roof deck at penetrations and terminations and that nailers match thicknesses of insulation.
   C. Verify that surface plane flatness and fastening of steel roof deck comply with requirements in Division 5 Section "Steel Deck."
   D. Proceed with installation only after unsatisfactory conditions have been corrected.
   E. Clean substrate of dust, debris, moisture, and other substances detrimental to roofing installation according to roofing system manufacturer's written instructions. Remove sharp projections.
   F. Prevent materials from entering and clogging roof drains and conductors and from spilling or migrating onto surfaces of other construction. Remove roof-drain plugs when no work is taking place or when rain is forecast.
   G. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of roofing system at the end of the workday or when rain is forecast. Remove and discard temporary seals before beginning work on adjoining roofing.
2. Insulation installation:
   A. Coordinate installing membrane roofing system components so insulation is not exposed to precipitation or left exposed at the end of the workday.
   B. Comply with membrane roofing system manufacturer's written instructions for installing roof insulation.
   C. Foam Sealant. Before installing the roofing system, purchase expanding foam and seal off the movement of ambient air into flutes at all deck penetrations with foam sealant. Install foam sealant into the gap between the red angle iron and the flute profile.
   D. Install tapered insulation under area of roofing to conform to slopes indicated.
   E. Install one or more layers of insulation under area of roofing to achieve required thickness. Where overall insulation thickness is 3 inches or greater, install 2 or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches in each direction.
   F. Trim surface of insulation where necessary at roof drains so completed surface is flush and does not restrict flow of water.
   G. Install insulation with long joints of insulation in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch with insulation.
   H. Insulation to be mechanically fastened to roof deck substrate using manufacturer approved fasteners. Roof manufacturer to certify attachment method, quantity & spacing for applicable wind loading & other requirements of the geographical location, roof area, roof height, etc.
3. Membrane installation:
   A. Install roofing membrane over area to receive roofing according to roofing system manufacturer's written instructions. Unroll roofing membrane and allow to relax before installing.
   B. Start installation of roofing membrane in presence of roofing system manufacturer's technical personnel.
   C. Accurately align roofing membranes and maintain uniform side and end laps of minimum dimensions required by manufacturer, stagger end laps.
   D. Adhesively fasten roofing membrane securely at terminations, penetrations, and perimeter of roofing.
   E. Apply roofing membrane with side laps shingled with slope of roof deck where possible.
   F. Seams: Clean seam areas, overlap roofing membrane, and hot-air weld side and end laps of roofing membrane according to manufacturer's written instructions to ensure a watertight seam installation.
      1) Contractor must probe out and patch all welds from the days production prior to undertaking another day of roofing.
      2) Probe 100 percent of welds for continuity and integrity.
      3) Patch seam voids which allow the tip of a probe to enter 1/4" into the weld.
      4) Patch field membrane wrinkles which run continuously into and through a seam.
      5) Patch wrinkles (pinch wrinkles) that are created during the weld process.
      6) Patch all t-joint voids.
      7) Minimum patch size on the flat field must be 4 inches by 4 inches with rounded corners.
   G. Membrane applied to all vertical surfaces is to be fully adhered to substrate.
   H. Membrane may adhere directly to precast panels at parapets with manufacturer's approval.
   I. Place Sure-Weld membrane over the appropriate RhinoBond or Isoweld Plates.
   J. Place RhinoBond Induction Tool over the RhinoBond TPO Welding Plate, under the roofing membrane OR Place the Isoweld Induction Tool over the Isoweld TPO Welding Plate, until the acoustic search mode signals the inductor is properly positioned.
   K. Activate induction welding tool and leave in place until heating cycle is complete.
   L. Immediately place the magnet on the membrane over the plate and leave in place for at least 60 seconds.
   M. Resume process ensuring membrane is attached to all plates.

SECTION 07600 FLASHING AND SHEET METAL

SUMMARY

1. Provide Flashing and Sheet Metal;
   A. Sheet metal roof flashing and trim.
   B. Gutters and down spouts.

Quality Assurance

1. Comply with Architectural Sheet Metal Manual, Published by the Sheet Metal and Air Conditioning Contractors National Association, Inc.

PRODUCTS

1. Sheet Metal:
   A. Zinc-Coated Steel: ASTM A 526, G90 hot-dipped galvanized, 22 gauge, unless otherwise indicated.
2. Auxiliary Materials:
   A. Solder: ASTM B32, Grade Sn50, to be used with rosin flux.
   B. Prime Paint: Dunn-Edwards Corrobar 43-5, or Tnemec series FD-88 Azeron alkyd primer.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Prime sheet metal prior to installation.
3. Install sheet metal with provisions for expansion and contraction.
4. Install sheet metal to shed water properly.

SECTION 07720 ROOF HATCHES

SUMMARY

1. Provide Roof Hatch as indicated on the plans.

Quality Assurance

1. Comply with National Roofing and Waterproofing Manual.
2. Preparation and installation shall be in accordance with Manufacturer's requirements & instructions.

PRODUCTS

1. Submit shop drawings: Show fabrication and all installation details for roof accessories. Indicate dimensions, weights, loadings, required clearances, method of field assembly, weatherproofing sealant, and components. Include plan, elevations, sections, details, and attachments to other Work.
2. Approved Manufacturers: Bilco Company or approved equivalent.
3. Provide fixed safety railing for roof hatch, Bilco "Bil-Guard" or approved equivalent that meets OSHA fall protection standards (29 CFR 1910.23). The attachment shall not penetrate the roofing membrane.
4. Roof Hatch Performance Characteristics:
   A. Cover shall be reinforced to support a minimum live load of 40 psf with a maximum deflection of 1/150th of the span with 20 psf wind uplift.
   B. Operation of the cover shall be smooth and easy with controlled operation throughout the entire arc of opening and closing.
   C. Operation of the cover shall not be affected by temperature.
   D. Entire scuttle shall be weathertight with fully welded corner joints on cover and curb.
5. Roof Hatch Material Characteristics:
   A. Cover and Frame shall be 14 gauge paint bond G-90 galvanized steel with a 3" beaded flange with formed reinforcing members. Cover shall have a heavy extruded EPDM rubber gasket that is bonded to the cover interior to assure a continuous seal when compressed to the top surface of the curb.
   B. Cover shall be insulated with 1" thickness fiberglass insulation, fully covered and protected by a metal liner 22 gauge paint bond G-90 galvanized steel.
   C. Curb shall be a minimum of 12" in height and of 14 gauge paint bond G-90 galvanized steel. The curb will be equipped with an integral metal capflashing of the same gauge and material as the curb, fully welded at the corners.
   D. Curb insulation shall be rigid, high-density fiberboard of 1" thickness on outside of curb.
   E. Lifting Mechanisms: Compression spring operators encased in telescopic tubes to provide smooth, easy and controlled operation throughout the entire arc of opening and closing.
6. Hardware:
   A. Heavy pintle hinges
   B. Cover shall be equipped with a spring latch with interior and exterior turn handles.
   C. Roof scuttle to be equipped with interior & exterior padlock hasps.
   D. Latch strike to be a stamped component bolted to curb assembly.
   E. Cover shall automatically lock in the open position with a rigid hold open arm equipped with a 1" diameter red vinyl grip handle to permit easy release for closing.
   F. Compression spring tubes shall be anti-corrosive composite material & all other hardware shall be zinc plated & chromate sealed. Springs shall have an electrocated acrylic finish for corrosion resistance.
   G. Cover hardware shall be bolted into heavy gauge channel reinforcing welded to the underside of the cover and concealed within the insulation space.
7. Manufacturer shall provide a 5-year warranty against defects in material and workmanship.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements and 07600 Flashing and Sheet Metal.
2. Comply with manufacturer's written instructions. Coordination installation with roof deck, roof insulation, flashing, roofing panels, penetrations, equipment, and other construction involving roof accessories to ensure roof to be waterproof and weathertight.
3. Anchor roof accessories securely to supporting structural substates to withstand lateral and thermal stresses as well as inward and outward loading pressures.

SECTION 07900 SEALANTS

SUMMARY

1. Provide joint sealers at interior & exterior vertical & horizontal joints.

PRODUCTS

1. SEALANTS:
A. Exterior caulking to be Vulkem or Dymeric by "Tremco". The specific product is to be compatible with the material substrate, joint width & exposure to moisture & weather. Sikaflex is approved equal. Provide continuous sealant on interior & exterior sides of joint @ framed penetrations. Provide sealant on exterior side at other joints to close building envelope, construction joint or other gaps between material. Sealant to have 25" movement capability.
B. Structural sealant at exterior glazing & metal framing, etc., to be Dow 795 Silicone Building & Glazing Sealant, or GE Silicone 1200 Construction Sealant, or as recommended by the manufacturer & approved by the Architect.
C. Voids between the exterior & interior caulk joints in the building envelope to be filled solid with non-expanding spray foam insulation such as Hilti CF 812 or equal. Such voids include those occurring at the penetrations of the fire drain lines, electrical conduits, storm drain lines, hose bibbs, joints around hoods & vents, the interior of hollow metal door frames, louver frames, vent piping, etc.
D. See precast section for joint treatment & caulking.
2. Auxiliary Materials:
   A. Plastic foam joint fillers.
   B. Elastomeric backer rod.
   C. Bond breaker tape.

INSTALLATION

1. Ensure the backer rod is properly friction-fitted and any primers have been applied.
2. Apply sealant with conventional caulking equipment filling the joint from the backer rod up. Immediately tool the sealant with a spatula to ensure intimate contact with the joint walls.
3. Dry tooling is always preferred, although xylene can be used in limited amounts to stick the spatula if needed.
4. For a cleaner finish, mask the sides of the joint with tape prior to filling.

SECTION 07950 EXPANSION JOINTS

SUMMARY

1. Provide expansion joints at the vertical joints in the building envelope (2" or wider).

PRODUCTS

1. Silicone-coated precompressed primary seal:
A. Expansion joints ocurring in the envelope & noted on the drawings are to be Seismic Colorseal by Emseal.

INSTALLATION

1. The width is to be as designated on the drawings & field measured for actual width prior to fabrication.
2. Color to match adjacent material color.
3. Product to be installed by a manufacturer's trained & certified technician using Emseal's install data.
4. Installation includes, but not limited to, joint surface preparation, respect for temperature & atmospheric conditions, setting & placement & install of manufacturer's applied liquid silicone along the exterior edges of joint with substrate.
5. Use DFS version of joint for food grade applications.
6. The installer shall submit expansion joint line drawing & provide checklist of material to be provided for a complete installation per manufacturer's engineered requirements.

DIVISION 8 DOORS & WINDOWS

SECTION 08100 STEEL DOORS AND FRAMES

SUMMARY

1. Provide steel doors and frames:
   A. Exterior doors and frames.
   B. Interior doors and frames.

PRODUCTS

1. Products: Republic Doors and Frames or approved equivalent.
2. Standards: ANSI/SDI-100, Recommended specifications for Standard Steel Doors and Frames.
3. Fire Rated Assemblies: NFPA-80, and acceptable testing agency listing.
4. Steel Doors: Standard seamless steel doors with composite construction.
   A. Exterior Doors : SDI-100, Grade III, Model 2, Extra heavy duty, minimum 16 gauge sheet steel, 1-3/4" thickness, polyurethane core (U-Factor 0.38 max.).
   B. Interior Doors: SDI-100, Grade III, Model 2, Extra heavy duty minimum 16 gauge sheet steel, 1-3/4 inch thickness, full honeycomb core.
   C. Finish: Prime paint for field finish.
5. Steel Frames:
   A. Interior Frames: Welded type, 18 gauge sheet steel, mitered corners.
   B. Exterior Frames: Welded type, 16 gauge sheet steel, mitered corners.
   C. Accessories: Door silencers at interior doors.
   D. Finish: Prime paint for field finish. Verify w/ owner for final color.
   E. Amchorage: Provide anchors for the wall type in which the frame is to be installed.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Comply with SDI-100, and NFPA 80 for fire rated assemblies.

DEVELOPER

LOGISTICS® PROPERTY CO

GENERAL CONTRACTOR

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STRUCTURAL ENGINEER

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOORDB
DRAWN BY	JMW
CHECKED BY	JMW

SP-2

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

ARCHITECTURAL & STRUCTURAL SPECIFICATIONS

SECTION 08331 OVERHEAD DOORS

SUMMARY

1. Submit Product Data and Shop Drawings for:
   A. Sectional doors.
   B. Coiling doors - Non fire rated
   C. Coiling doors - Fire rated
2. Where fire doors are required, provide assemblies that comply with NFPA 80 & have been fire tested, rated, & labeled according to ASTM E152. Furnish each door with a metal UL label or "Certificate of Inspection."
3. Design and reinforce overhead coiling doors to withstand a 20-lbf/sq. ft. wind-loading pressure.

PRODUCTS

1. Overhead coiling doors:
   A. Provide heavy duty, high-cycle rolling doors by Overhead Door Corporation - 610 Series "Service" Service Door. 20 Ga. Steel up to 20'-0" wide.
   B. Provide heavy duty, fire rated rolling doors by Overhead Door Corporation - 630 Series "Service" Service Door. 20 Ga. Steel up to 20'-0" wide.
   C. Door Curtain slats: Galvanized steel door curtain slats.
   D. Operation: Chain operated or Electric Motor Operated
   E. Tracks, Supports, and Hardware: Manufacturer's standard.
   F. Weather gasket set with mechanical fasteners to concrete panel.
   G. Provide slide lock as and chain locks for all doors.
2. Overhead Insulated Sectional Doors
   A. Provide heavy duty, high-cycle sectional doors by Overhead Door Company - 592 Series Thermacore Insulated Steel Door. 16 Ga. steel up to 18'-0" wide. All dock level doors are to have vision panels installed.
   B. Door sections: Galvanized steel factory finish baked enamel white.
   C. Operation: Chain operated or Electric Motor operated.
   D. Tracks, Supports, and Hardware: Manufacturer's standard.
   E. Weather gasket set with mechanical fasteners to concrete panel.
   F. Provide slide lock and chain locks for all doors.

INSTALLATION

1. Install fire-rated doors to comply with NFPA 80.
2. Install doors per manufacturers written installation instructions.

SECTION 08411 ALUMINUM-ENTRANCES AND STOREFRONTS

SUMMARY

1. Submit Product Data, Shop Drawings, and color Samples.

PRODUCTS

1. Aluminum-framed Storefronts
   A. Manufacturer: Vistawall, United States Aluminum Corporation or approved equivalent.
   B. Types: As indicated on the drawings.
   C. Hardware: As indicated on the drawings.
   D. Finish: As indicated on the drawings.

INSTALLATION

1. Provide all hardware, brackets, reinforcements, glazing gaskets, & other components necessary for a complete & weathertight installation.
2. Install per manufacturers written installation instructions.

SECTION 08710 FINISH HARDWARE

SUMMARY

1. Provide hardware for doors.
2. Comply with code and accessibility requirements.

SUBMITTALS

1. Submit product data, hardware schedule, samples and maintenance

PRODUCTS

1. Provide hardware as indicated and/or scheduled on the drawings. Provide products from manufacturers specified for those hardware items. Where manufacturer is not indicated provide contractor selected hardware item that will function in the location indicated on Drawings.
2. Product Requirements:
   A. Hardware for Fire Rated Openings: NFPA 80 and local requirements.
   B. Handicapped Accessibility: ANSI A117.1, ADAAG and local requirements.
   C. Materials and Application: ANSI A156 Standards.
   D. Quality Level: Commercial type.
3. Locksets and Latchsets: Best Access System, series as indicated on hardware schedule.
4. Lock Cylinders: Interchangeable type.
5. Keying: Owner's requirements.
6. Hinges and Butts: Full mortise type, non-removable pins at exterior doors. Provide 1-1/2 pair at each door, unless otherwise noted.
7. Closers: Barrier free type. Norton - refer to hardware schedule.
8. Hardware Finish: Satin Chrome Plated (626), unless noted otherwise.
9. Flush bolts: With dustproof strikes at pairs of doors.
10. Automatic Door Bottoms: At each exterior door.
11. Weather-stripping: At all exterior doors, apply rigid jamb weather-strip at head and jambs.
12. Thresholds: 1/2 inch maximum height, complying with ADA regulations.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Comply with DHI "Recommended Locations for Builders Hardware" and hardware manufacturers instructions.
3. Refer to door Schedule for additional hardware requirements.

SECTION 08810 GLAZING

SUMMARY

1. All exterior glazing shall meet the requirements of the 2015 IECC.
2. All windows, storefronts & curtainwalls shall provide an average system U-Factor of 0.38 & all entrance doors shall provide a system U-Factor of 0.77.
3. Glass contractor to submit certificate of compliance with IECC requirements for material & system performance with shop drawing submittal.
4. All exterior glazing shall be 1" (1/4", 1/2", 1/4") Low-E, insulated tinted glass as manufactured by Pilkington Architectural Glass or approved equal.
5. See drawings for color & type.
6. Provide tempered panes where adjacent to doors, required by code due to proximity to finish floor & as noted on the drawings.

PRODUCTS

1. Exterior vision glass shall be 1" (1/4", 1/2", 1/4") Low-E. See drawings for locations & glass color.
2. Exterior spandrel glass shall be 1" (1/4", 1/2", 1/4") Low-E, heat strengthened glass with ceramic frit coating on the #3 surface. See drawings for locations & glass color. All spandrel glass shall be 100% opaque.
3. All interior glass shall be 1/4" thick clear tempered glass.
A. Provide safety glass as required by code in rated wall assemblies.
B. Provide cut openings for talk holes as indicated on the drawings.
C. Grind all opening edges & exposed glass edges smooth & round.
D. Provide fire rated safety glass in doors as noted on the drawings.
E. Glass noted to be textured in the door schedule to be 1/4", tempered "stippolyte" pattern by Pilkington, or approved by the Architect.

INSTALLATION

1. Contractor/supplier to provide glass treatment as appropriate for its intended use, dimension, & area, to withstand all wind & thermal loading for the exposure that the panes & framing are subject to.

DIVISION 9 FINISHES

SECTION 09250 GYPSUM BOARD

SUMMARY

1. Provide gypsum board at interior walls and ceilings, screw attached to metal framing, for tape and joint compound finish.

SUBMITTALS

1. 2 foot square indicating texture finish.

PRODUCTS

1. Gypsum Board:
   A. Regular, 5/8 inch, tapered edges, ASTM C36.
   B. Fire resistive, 5/8 inch, type "x", tapered edges, ASTM C36.
   C. Moisture resistant, 5/8 inch, tapered edges. Use at rest room and kitchen areas, ASTM C630.
2. Auxiliary Materials:
   A. Nails: ASTM C514.
   B. Metal Accessories: Comply with ASTM C1047.
   C. Joint Tape: Perforated paper tape.
   D. Joint Compound: Factory mixed joint and topping compound.
   E. Primer: Hamilton Prep-coat or USG Prime Coat.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Comply with ASTM C840, GA-214 and GA-216.
3. Install joints only over framing members. Butt to butt joints are not allowed.
4. Install gypsum board assemblies true, plumb, level, and in proper relation to adjacent surfaces.
5. Provide 3-coat joint treatment such that after finishing joints are not visible.
6. After application of texture coating, vacuum wall surfaces and apply prep coat.

SECTION 09330 CONCRETE FLOOR SEALER

SUMMARY

1. Provide concrete floor sealer.

PRODUCTS

1. Warehouse: MastureKure hd 300WB (formerly Lapidolith) as manufactured by BASF Corporation or Ashford Formula as manufactured by Curecrete.
2. Office: Masturekure HD 100WB (formerly Sonosil) as manufactured by BASF Corporation.

INSTALLATION

1. Apply per manufacturer's recommendations, requirements & instructions; Including floor prep, timing, ventilation, slab moisture content & set/cure time. Verify final floor coverings (where provided) for compatibility. See plans for locations & extent of each sealer.

SECTION 09900 PAINTING

SUMMARY

1. Provide painting and surface preparation for interior and exterior unfinished surfaces as scheduled.

SUBMITTALS

1. Submit product data, samples, extra stock consisting of one unopened gallon of each color and gloss of paint used.

Products

1. Products: Provide paint as indicated on the drawings.
2. Provide special coating systems as scheduled, by Tnemec Protective Coatings.
3. Regulations: Comply with local V.O.C. and environmental regulations.

INSTALLATION

1. Comply with the regulations of Section 01000 Project Requirements.
2. Remove cover plates, hardware, from surfaces to be painted and protect adjacent areas and surfaces.
3. Sand before painting until smooth and flat and sand between coats.
4. Apply paint at manufacturers recommended dry film thickness and number of coats.
5. Recoat areas which show bleed-thru or defects.
6. Paint all edges of doors.
7. Clean paint splatter from adjacent surfaces and glass.
8. Touchup damaged surfaces at completion of construction.

SCHEDULE

1. Provide paint systems complying with the following:
   A. Abbreviations:
      1) DFT/CT = Dry Film Thickness per coat
      2) SSPC = Steel Structures Painting Council specs, see below

EXTERIOR PAINT SCHEDULE

Steel:	Surface Preparation: SSPC-SP-2-63 or 3-63 Primer: 233A110, 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats
Aluminum:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 159A100, 111A100 or colors, 1.5MILS DFT/CT, 2 coats
Galvanized:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 159A100, 111A100, 103A100 or colors, 1.5MILS DFT/CT, 2 coats
Wrought Iron:	Surface Preparation:SSPC-SP 2-63 or 3-63 Primer: 233A110, 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats or Topcoat: 159A100 or colors, 1.5MILS DFT/CT, 2 coats
Wood:	Surface Preparation: Clean and Prime immediately Primer: 218A100, 2 MILS DFT/CT, 1 coat Topcoat: 159A100, 103A100 or colors, 1.5MILS DFT/CT, 2 coats
Concrete Walls:	Surface Preparation: Remove any visible efflorescence, dirt or other residues Primer: Sherwin Williams Loxon Concrete & Masonry Primer (1 coat) Topcoat: Sherwin Williams SuperPaint Exterior Acrylic Paint (2 coats)
Concrete Block:	Filler: 127A100 back roll & squeegee level w/block surface Topcoat: 159A100, 111A100, 103A100 or colors, 1.5MILS DFT/CT, 2 coats

INTERIOR FINISH SCHEDULE

Steel:	Surface Preparation: SSPC-SP-2-63 or 3-63 Primer: 233A110, 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats or Topcoat: 186A100 or colors, 1.5MILS DFT/CT, 2 coats
Aluminum:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats or Topcoat: 186A100 or colors, 1.5MILS DFT/CT, 2 coats
Galvanized:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 1 coat or Topcoat: 186A100 or colors, Self Prime, 2 coats
Wrought Iron:	Primer: 233A110 - 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 1 coats or Topcoat: 186A100 or colors, 1.5MILS DFT/CT, 2 coats
Concrete Walls:	Surface Preparation: Remove any visible efflorescence, dirt or other residues Primer: Sherwin Williams Loxon Concrete & Masonry Primer (1 coat) Topcoat: Sherwin Williams Pro-Mar 100 Interior Latex Paint (1 coats)
Concrete Block:	Filler: 127A100 spray apply 100 to 150 SQ.FT./Gal - back roll to fill voids and smooth joints Topcoat: 183A100 or colors, 1.5MILS DFT/CT, 2 coats or Topcoat: 197A100, 182A100, or colors, 2MILS DFT/CT, 2 coats
Gypsum Board Wall:	Primer: 214A100, 1.5MILS DFT/CT, 1 coat Topcoat: 183A100 or colors, 1.5MILS DFT/CT, 2 coats or Topcoat: 182A100 or colors, 2MILS DFT/CT, 2 coats
Wood Doors and Trim:	Prefinished Option: Provided by Finestra or approved equal Raw Wood Surface Preparation: Sand off nibs & fill open grain woods (oak, mahogany, ash, hickory, etc.) with 280A110 Stain Coat: Penetrating oil stain. Wipe to desired depth. See Owner before stain is selected. Contractor will supply stain. Owner will not supply stain. Sealer Coat: 226A110, 1 coat, sand Topcoat: 273A113 or 273A114, 1MIL DFT/CT, 2 coats

STEEL STRUCTURES PAINTING COUNCIL SPECIFICATIONS

SSPC-SP 1-63	Solvent Cleaning: Removal of oil, grease, dirt, soils, salts and contaminants by cleaning with solvent, vapor, alkali, emulsifying agent, or steam.
SSPC-SP 2-63	Hand Tool Cleaning: Removal of loose rust, loose mill scale, and loose paint to degree specified, by hand chipping, scraping, sanding and wire brushing.
SSPC-SP 3-63	Power Tool Cleaning: Removal of loose rust, loose mill scale, and loose paint to degree specified, by power tool chipping, descaling, sanding, wire brushing and grinding.
SSPC-SP 5-63	White Metal Blast Cleaning: Removal of all visible rust, mill scale, and all foreign matter by blast cleaning by wheel or nozzle (dry or wet) using sand, grit or shot. (For very corrosive atmosphere where high cost of cleaning is warranted).
SSPC-SP 6-63	Commercial Blast Cleaning: Removal of all rust, mill scale, paint and all other foreign matter except for light shadows of same in less than one thirdof each square inchof blasted area.
SSPC-SP 7-63	Brush-Off Blast Cleaning: Blast cleaning of all except tightly adhering residues of mill scale, rust and coatings, exposing numerous evenly distributed flecks of underlying metal.

DIVISION 10 SPECIALITIES

SECTION 10440 FIRE EXTINGUISHERS AND CABINETS

SUMMARY

1. Provide Fire Extinguishers and Cabinets.

PRODUCTS

1. Larsens Manufacturing Co.
2. Standards: U.L. Listed product
3. Fire extinguishers:
   A. Type: Multipurpose dry chemical type.
   B. Rating: 2-A:10; B:C, 10-lb capacity.
   C. Mounting: Bracket to columns
4. Fire extinguisher cabinets, refer to drawings.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.

DIVISION 11 EQUIPMENT

SECTION 11130 DOCK EQUIPMENT

SUMMARY

1. General Contractor to submit sut-sheets of proposed dock equipment to the Architect & Owner for review & approval. This section includes the following:
A. Dock Levelers
B. Dock Bumpers
C. Dock Deals
D. Door Track Guards
6. Submit Product Data, Shop Drawings, and color Samples.

PRODUCTS

1. Dock Levelers: Rite Hite RHM, mechanical dock leveler with 35,000# capacity. Provide toe guards, weatherseal & 16" (min.) lip. Size to be 7'x8' (coordinate with foundation plan & dock pit. Include 4 1/2" deep rubber dock bumpers 24"H x 11"W x 4 1/2"D nom. McGuire, Serco are approved equals.
2. Dock Seals: Provide Serco S-700 Series (or approved equal) dock seal with 24"h head curtain with pull rope assembly. 6/12 side pads to be 40 oz. black vinyl with 8" black 40 oz. wear pleats at the head & sides. Provide side mounting brackets. Provide supplemental ppt wood bucks or framing members as required to fasten to the exterior wall. Provide yellow guide stripe along side pads.
3. Door Track Guards: Bluff Manufacturing Products door track guard DG 48"h x 3/16" steel guard & 10"x10"x3/8" base plate. Fasten to floor using manufacturer's recommended expansion bolt anchors. Do not fasten vertically to the exterior wall without approval from the Architect or Owner. Fasten thru the unit's pre-drilled base plate holes in the same number as the number of holes provided. Locate 2" min. from any portion of track or as recommended by the manufacturer. Verical guard portion to have no sharp edges & eased, rounded corners. Taper the leading corner at the tops of the guard exposed to the door face. Units to be prefinished & coated in safety yellow.

INSTALLATION

1. Installation General:
A. Install all equipment to Manufacturer's recommended standards, using their recommended anchoring systems.

DIVISION 21 FIRE SUPPRESSION

SECTION 15300 FIRE PROTECTION

SUMMARY

1. Provide fire protection systems for the following:
   A. Sprinkler system
2. Coordinate location of fire protection systems to avoid interference with location of designated light fixtures.
3. Do not cut structural elements without prior written approval from architect.

SUBMITTALS

1. Submit fire sprinkler drawings identified as "working plans" and hydraulic calculations according to NFPA 13.
2. Submit test reports and certificates as described in NFPA 13.
3. Hydraulically design sprinkler systems in accordance with NFPA 13.

PRODUCTS

1. Provide new materials suitable for service intended complying with approved submittals. UL listed and labeled and FM approved.
2. Sprinkler heads:
   A. Warehouse & areas w/ exposed structure: exposed, ESFR type heads.
   B. Office areas w/ gyp. bd. or susp. ceiling: semi-recessed heads, chrome w/ chrome escutcheon.
3. Provide smoke detectors & sprinkler system.
4. Power sources: Emergency or power system backup.

INSTALLATION

1. Comply with applicable codes, ordinances, regulations, and NFPA standards 13, 13R, 26, 70, and 96 as applicable.
2. Conceal piping to the greatest extent practical.
3. Center ceiling-mounted elements in center of ceiling panels.
4. Maintain indicated fire ratings of walls, partitions, and ceilings at penetrations. Seal with fire stopping to maintain fire ratings.
5. Test all systems for proper operation, including backup and alarm system.
6. Instruct Owners personnel in proper operation of system.

DIVISION 22 PLUMBING

REFER TO MECHANICAL DWGS FOR ADDITIONAL INFORMATION

DIVISION 23 MECHANICAL

REFER TO MECHANICAL DWGS FOR ADDITIONAL INFORMATION

DIVISION 26 ELECTRICAL

REFER TO ELECTRICAL DWGS FOR ADDITIONAL INFORMATION

DEVELOPER

LOGISTICS PROPERTY CO

GENERAL CONTRACTOR

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4485
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

Attachment: EXHIBIT - Final LPC ARCH Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)825 S. Roselle Road)

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.03.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JMW
CHECKED BY	JMW

SP-3

Attachment: EXHIBIT - Screening Wall & Berm elevation (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Architects plus designstudio, PLLC

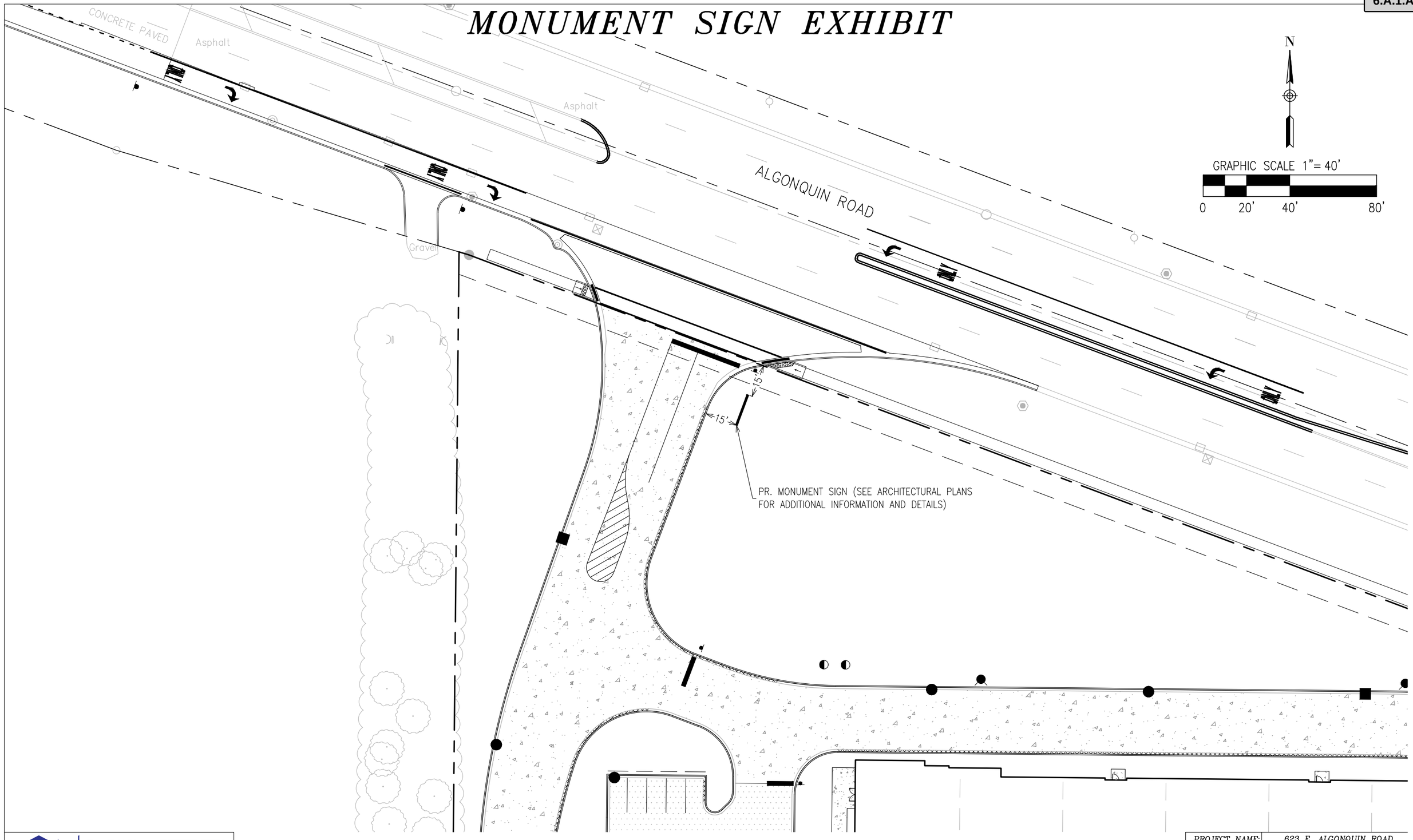
LOGISTICS® PROPERTY CO

SCREEN WALL/BERM

ALGONQUIN RC
PALATINE, ILLIN

2.21.2022

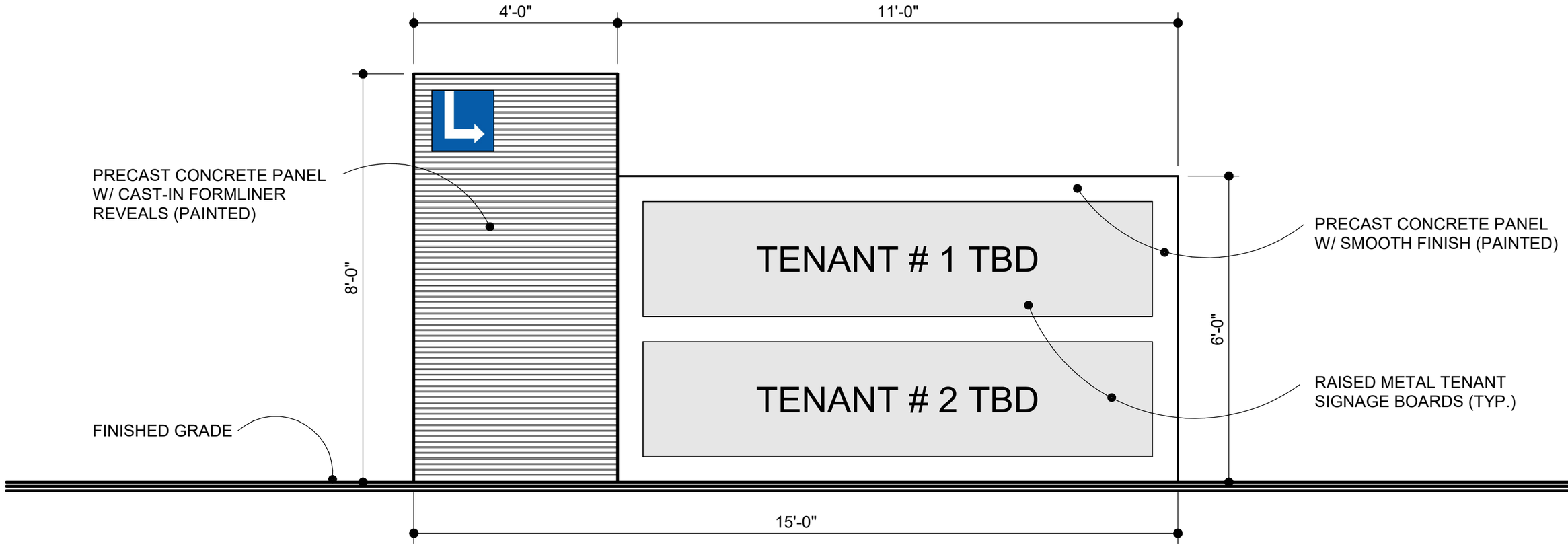
MONUMENT SIGN EXHIBIT



JACOB & HEFNER ASSOCIATES
5030 38th Avenue, Suite 5, Moline, IL 61265
PHONE: (309) 757-1900, FAX: (309) 797-5690
www.jacobandhefner.com

PROJECT NAME:	623 E. ALGONQUIN ROAD
CLIENT NAME:	LOGISTICS PROPERTY COMPANY
LOCATION:	PALATINE, ILLINOIS
DATE PREPARED:	3/7/22
SHEET:	MSE

Attachment: EXHIBIT - Monument sign site plan and elevation (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



MONUMENT SIGN ELEVATION (98 S.F.)

SCALE: 1/2" = 1'-0"

SCHEME A

PALATINE, ILLIN

SIGNAGE

0 6" 1'-0" 2'-0" 4'-0

2.23.2022

Architects plus designstudio, PLLC

LOGISTICS PROPERTY CO

Attachment: EXHIBIT - Monument sign site plan and elevation (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

RESOLUTION NO. _____

A RESOLUTION GRANTING FINAL SUBDIVISION APPROVAL FOR THE PROPERTY AT 607, 613, & 623 (PART OF) ALGONQUIN ROAD AND 1825 (PART OF) S. ROSELLE ROAD

WHEREAS, the Palatine Subdivision Ordinance provides qualifications governing final approval of a Subdivision Plat in Article IV FINAL PLAT; and

WHEREAS, LPC Palatine I Subdivision at 607 E. Algonquin Road, 613 E. Algonquin Road, 623 E. Algonquin Road (part of), and 1825 E. Algonquin Road (part of) has complied with all the provisions of the Subdivision Ordinance, including a public review before the Plan Commission of the Village of Palatine at the March 15, 2022 meeting.

NOW THEREFORE, BE IT RESOLVED by the Mayor and the Village Council of the Village of Palatine, that the Mayor and the Village Clerk be and are hereby directed and authorized to execute a Preliminary and Final Plat of Subdivision "LPC Palatine I Subdivision" at 607 E. Algonquin Road, 613 E. Algonquin Road, 623 E. Algonquin Road (part of), and 1825 E. Algonquin Road (part of), pursuant to the Palatine Subdivision Ordinance Article IV, Sec. 4.01 (c) (2) (a) and subject to the following condition(s):

1. **The Final Engineering plans shall substantially conform to the Jacob and Hefner Associates engineering plans, last revised February 28, 2022, except as such plan shall be changed to conform with Village Codes and Ordinances and in a manner acceptable to the Village Engineer.**
2. **The Final Plat of Subdivision shall be submitted on a Mylar, with all required signatures.**
3. **Recording fees in an amount of $600 shall be submitted.**
4. **The Final Plan Review fees in the amount of 1.5% of total project improvement costs shall be submitted in a manner acceptable to the Village Engineer.**
5. **A Public Improvement Letter of Credit shall be submitted to ensure the completion of all public improvements, as defined within the Village Code, for an amount of 115% of the approved EEOC, along with a cash bond of 10% for the required one-year maintenance period in a manner acceptable to the Village Engineer.**

Attachment: RES - LPC I SUB (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

6. **The EEOPC shall be revised in a manner acceptable to the Village Engineer.**
7. **The Petitioners shall submit a Subdivision Improvement Agreement in a manner acceptable to the Village Attorney.**
8. **The cross-access easement, declarations, and reciprocal easement agreement regarding the maintenance of the access points, storm water areas, or any other required common areas shall be submitted in a manner acceptable to the Village Attorney and Village Engineer.**
9. **All extra-agency permits (e.g. IDOT, MWRD, etc.) shall be submitted in a manner acceptable to the Village Engineer.**

DATED: This _____day of _____, 2022

AYES:_____ NAYS:_____ ABSENT:_____ PASS:_____

APPROVED by me this _____day of _____, 2022

_____
Mayor of the Village of Palatine

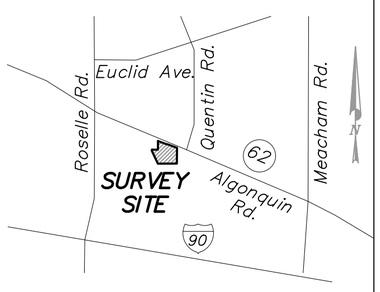
ATTESTED and FILED in the office of the Village Clerk
this _____ day of _____, 2022

_____
Village Clerk

Attachment: RES - LPC I SUB (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

FINAL PLAT OF
LPC PALATINE I SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS



VICINITY MAP
NO SCALE

N

0 40' 80' 160'

Scale 1" = 80'

BASIS OF BEARINGS

ILLINOIS STATE PLANE COORDINATES
EAST ZONE (NAD 83)

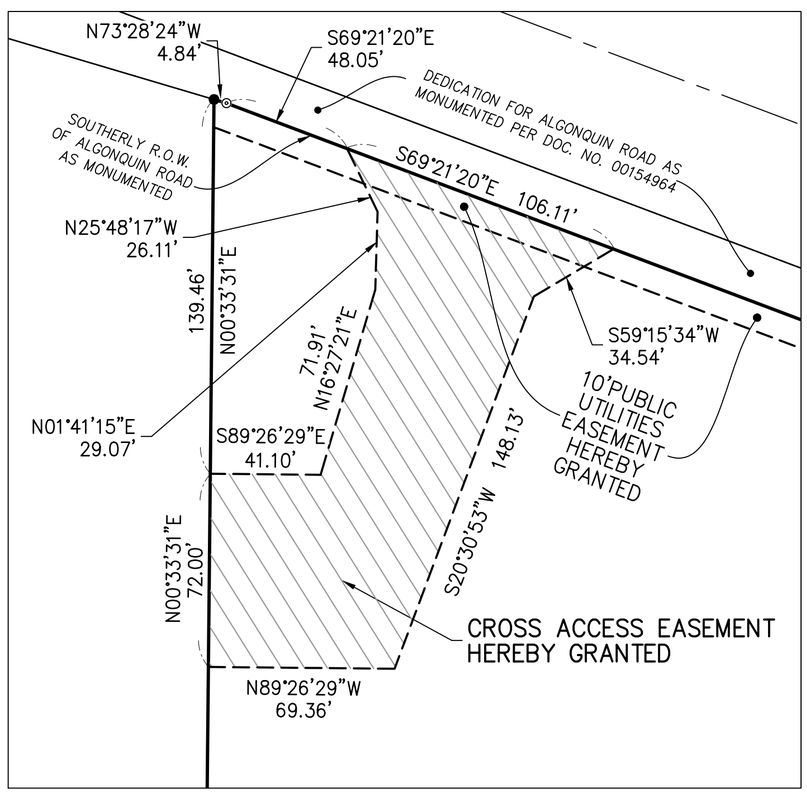
N73°28'24"W 4.84'
FOUND IDOT DISK AT CORNER
SET 5/8"X 24" REBAR AT CORNER
PT. LOT 13 GEISLER'S SUBDIVISION PER DOC. 14369552
NORTHERN R.O.W. OF ALGONQUIN ROAD AS MONUMENTED
100' ALGONQUIN
DEDICATION FOR ALGONQUIN ROAD AS MONUMENTED PER DOC. NO. 00154964
100' DEDICATION FOR ALGONQUIN ROAD PER DOC. NO. 11195798
N69°21'20"W 578.74'
LOT 10 COLLEGE HILL SUBDIVISION PER DOC. 26438386
NORTHEAST CORNER OF THE R.O.W. LINE OF ALGONQUIN ROAD AS MONUMENTED PER PARCEL 0032 OF DOC. NO. 00154964 (FOUND 1/2" IRON PIPE 0.4' NORTHEAST & ONLINE EXTENDED.)
(A.K.A. ILLINOIS ROUTE 62)
FOUND 1/2" DIA. IRON PIPE AT CORNER
10'
N69°21'52"W
S20°38'01"W 18.04'
100'
ROAD
374.80'
10' PUBLIC UTILITIES EASEMENT HEREBY GRANTED
FOUND DISK IN CONCRETE AT CORNER
P.I.N. 02-33-401-024
POINT OF BEGINNING
NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION PER DOC. NO. 0526545054
SOUTHERLY R.O.W. OF ALGONQUIN ROAD AS MONUMENTED
COLLEGE DRIVE
P.I.N. 02-33-202-003
PART OF P.I.N. 02-33-401-026
S00°33'31"W 516.20'
CROSS ACCESS EASEMENT HEREBY GRANTED
SEE DETAIL THIS SHEET
N89°26'29"W 364.14'
316.14'
SET 5/8"X 24" REBAR AT CORNER
S00°33'37"W 70.67'
SET 5/8"X 24" REBAR AT CORNER
PART OF P.I.N. 02-33-400-004
LOT 1
PART OF P.I.N. 02-33-401-026
P.I.N. 02-33-401-025
APPROXIMATE LOCATION OF FEMA ZONE "AE" PER FIRM PANEL 17031C0179J, REVISED 08-19-2008
P.I.N. 02-33-400-003
S24°14'47"E 831.58'
S0°33'31"W 585.54'
PART OF P.I.N. 02-33-400-004
DRAINAGE EASEMENT HEREBY GRANTED
100 YEAR EASEMENT GRANT TO THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO PER DOC. 26075403
APPROXIMATE LOCATION OF FEMA ZONE "X" PER FIRM PANEL 17031C0179J, REVISED 08-19-2008
S89°26'29"E 55.00'
S0°33'31"W 239.94'
N89°33'00"W 22.26'
SET 5/8"X 24" REBAR AT CORNER
S89°33'00"E 926.96'
PART OF P.I.N. 02-33-401-027
SET CONCRETE MONUMENT AT CORNER
100 YEAR EASEMENT GRANT TO THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO PER DOC. 26075403
FOUND 3/4" DIA. IRON PIPE AT CORNER
N00°15'52"E 1,028.18'
WEST LINE OF LOT 1 NATION PIZZA PRODUCTS CONSOLIDATION RECORDED AUGUST 22, 2005 PER DOC. 0526545054
LOT 1 NATION PIZZA PRODUCTS CONSOLIDATION PER DOC 0526545054
WEST LINE OF THE EAST 420.75 FEET OF THE SOUTHEAST QUARTER OF SECTION 33-42-10
FOUND 1/2" DIA. IRON ROD 0.40' EAST
WEST LINE OF LOT 1 BRIESKE'S RESUBDIVISION IN SCHAUMBURG RECORDED MAY 16, 1978 PER DOC. 24449403
LOT 1 BRIESKE'S RESUBDIVISION IN SCHAUMBURG PER DOC. 24449403

LEGEND

- FOUND IRON PIPE
- FOUND I.D.O.T. DISK
- SET 5/8" X 24' IRON ROD
- SET CONCRETE MONUMENT
- SUBDIVISION BOUNDARY LINE
- EASEMENT LINE HEREBY GRANTED
- EASEMENT LINE (EXISTING)
- 10' PUBLIC UTILITIES EASEMENT HEREBY GRANTED
- ACCESS EASEMENT HEREBY GRANTED
- DRAINAGE EASEMENT HEREBY GRANTED

ABBREVIATIONS

N =	NORTH
S =	SOUTH
E =	EAST
W =	WEST
R.O.W. =	RIGHT OF WAY
DOC. =	DOCUMENT



ACCESS EASEMENT DETAIL
SCALE: 1" = 40'

AREA TABLE

LOT 1	1,243,953 SQ. FT.	28.557 AC.
ROAD DEDICATIONS	0 SQ. FT.	0 AC.
TOTAL	1,243,953 SQ. FT.	28.557 AC.

REVISED: 01-19-22 PER CLIENT COMMENTS

Survey No.:	F 0 7 6 a		
Ordered By.:	LOGISTICS PROPERTY COMPANY		
Description:	Plat of Subdivision		
Date Prepared:	January 13, 2022		
Scale:	1" = 80'	Field Work:	MB/KW/SC/ES
		Prepared By:	ERP

SHEET 1 OF 3

JACOB & HEFNER ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com
Illinois Professional Design Firm
License No. 184-003073 Exp. 4/30/23

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Attachment: EXHIBIT - Final Plat of Subdivision (607, 613, and (part of)623 E. Algonquin Road and (part of)1825 S. Roselle Road)

ALL OF P.I.N. 02-33-401-024
ALL OF P.I.N. 02-33-401-025
PART OF P.I.N 02-33-401-026
PART OF P.I.N. 02-33-401-027
PART OF P.I.N. 02-33-400-004

FINAL PLAT OF
LPC PALATINE I SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

OWNERS CERTIFICATE

STATE OF _____)
)SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT LPC PALATINE I, LP IS THE OWNER OF THE PROPERTY DESCRIBED HEREON AND THAT IT HAS CAUSED THE SAID PROPERTY TO BE PLATTED AS SHOWN HEREON FOR THE USES AND PURPOSES SET FORTH, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE TITLE THEREON INDICATED.

THIS IS ALSO TO CERTIFY THAT AS OWNER(S) OF THE PROPERTY AS LEGALLY DESCRIBED ON THIS PLAT, HAVE DETERMINED TO THE BEST OF OUR KNOWLEDGE THE SCHOOL DISTRICT IN WHICH THE PROPERTY LIES.

SCHOOL DISTRICTS

COMMUNITY CONSOLIDATED SCHOOL DISTRICT 15
PALATINE TOWNSHIP HIGH SCHOOL DISTRICT 211
HARPER COMMUNITY COLLEGE DISTRICT 512

Dated this _____ Day of _____ A.D. 2022

LPC Palatine I, LP
A Delaware Limited Partnership

BY: LPC Palatine I GP, LLC
A Delaware Limited Liability Company
Its General Partner

BY: _____
Aaron S. Martell, Vice President

NOTARY PUBLIC CERTIFICATE

STATE OF _____)
)SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN

AND FOR THE COUNTY AND STATE AFORESAID, DO HEREBY CERTIFY THAT Aaron S. Martell, WHO IS PERSONALLY KNOWN TO ME TO BE THE SAME NAME AS SUBSCRIBED TO THE FOREGOING CERTIFICATE, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THE HE DID SIGN AND DELIVER THIS INSTRUMENT AS A FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL

THIS _____ DAY OF _____ A.D. 2022

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES ON: _____

SURFACE WATER DRAINAGE CERTIFICATE

STATE OF ILLINOIS)
)SS
COUNTY OF _____)

WE HEREBY CERTIFY TO THE BEST OF OUR KNOWLEDGE AND BELIEF THAT ADEQUATE PROVISIONS HAVE BEEN MADE FOR THE DIVERSION AND DETENTION OF SURFACE WATERS INTO PUBLIC AREAS OR DRAINS WITHIN THE RIGHTS OF THE SUBDIVIDER AND THAT SUCH SURFACE WATERS WILL NOT BE DEPOSITED ON ADJACENT LAND OWNERS/PROPERTY IN SUCH CONCENTRATIONS AS MAY CAUSE DAMAGE BY EROSION OR SEDIMENTATION TO SUCH PROPERTY BECAUSE OF CONSTRUCTION OF THE SUBDIVISION.

BY _____
OWNER

DATED THIS _____ DAY OF _____ A.D. 2022

BY _____
ILLINOIS PROFESSIONAL ENGINEER

DATED THIS _____ DAY OF _____ A.D. 2022

PLAN COMMISSION

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

APPROVED BY THE PLAN COMMISSION OF THE VILLAGE OF PALATINE, COOK COUNTY, ILLINOIS

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
CHAIRMAN

ATTEST_____
SECRETARY

VILLAGE COUNCIL

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

APPROVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF PALATINE, COOK COUNTY, ILLINOIS

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
MAYOR

ATTEST_____
VILLAGE CLERK

VILLAGE ENGINEER

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS PLAT HAS BEEN CHECKED FOR CONFORMANCE TO THE VILLAGE OF PALATINE STANDARDS AND REQUIREMENTS, AND WORKING DRAWINGS AND SPECIFICATIONS FOR IMPROVEMENTS HAVE BEEN PREPARED IN CONFORMANCE WITH THE VILLAGE STANDARDS AND REQUIREMENTS, AND ENGINEERING FEES DUE TO THE VILLAGE OF PALATINE HAVE BEEN PAID.

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
VILLAGE ENGINEER

VILLAGE COLLECTOR

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I DO HEREBY CERTIFY THAT THERE ARE NO DEFERRED SPECIAL ASSESSMENTS OR UNPAID CURRENT ASSESSMENTS DUE AGAINST THE LAND INCLUDED IN THE ABOVE PLAT.

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
VILLAGE COLLECTOR

I.D.O.T. CERTIFICATE

This plat has been approved by the Illinois Department of Transportation with respect to roadway access pursuant of Ch 2 of "An Act to revise the law in relation to plats," as amended. A plan that meets the requirements contained in the Department's "Policy on Permits for Access Driveways to State Highways" will, be required by the Department.

_____

Anthony J. Quigley, P.E.
Region One Engineer

COOK COUNTY CLERK

REVISED: 01-19-22 PER CLIENT COMMENTS

Survey No.:	F 0 7 6 a		
Ordered By.:	LOGISTICS PROPERTY COMPANY		
Description:	Plat of Subdivision		
Date Prepared:	January 13, 2022		
Scale:	1" = N/A	Field Work:	MB/KW/SC/ES
		Prepared By:	ERP

AFTER RECORDING, RETURN TO:

JACOB & HEFNER ASSOCIATES
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, IL 60515

MAIL TAX BILLS TO:

_____
_____
_____

JACOB & HEFNER
ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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H:\F\F076\F076a\S\Dwg\Subdivision\F076a_Plat of Subdivision.dwg

Attachment: EXHIBIT - Final Plat of Subdivision (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

FINAL PLAT OF
LPC PALATINE I SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

VILLAGE OF PALATINE EASEMENT PROVISIONS

WHENEVER THE WORDS "PUBLIC UTILITIES" OR "PUBLIC UTILITIES EASEMENT" SHALL APPEAR ON THIS PLAT THE VILLAGE OF PALATINE, A MUNICIPAL CORPORATION, COOK COUNTY, ILLINOIS, AND ITS SUCCESSORS OR ASSIGNS JOINTLY AND SEVERALLY SHALL HOLD A PERPETUAL EASEMENT UNDER, OVER AND ACROSS THE SURFACE OF THE PROPERTY SHOWN WITHIN THE LINES OF THE PLAT MARKED AS SUCH FOR THE INSTALLATION, CONSTRUCTION, USE, REPAIR AND MAINTENANCE OF ALL PUBLIC UTILITY EQUIPMENT, INCLUDING BUT NOT LIMITED TO, FACILITIES USED IN CONNECTION WITH THE TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND SOUNDS AND SIGNALS, WATER AND SEWAGE MAIN AND PIPING, THE RIGHT TO CUT, TRIM OR REMOVE TREES, BUSHES AND ROOTS, AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON THE SUBDIVIDED PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTION SHALL NOT BE PLACED OVER GRANTEES FACILITIES OR IN, UPON OR OVER THE PROPERTY WITHIN THE LINES MARKED "EASEMENT" WITHOUT THE PRIOR WRITTEN CONSENT OR THE GRANTEES. PROVIDED, HOWEVER. THAT SUCH CONSENT OF THE GRANTEE SHALL NOT RELIEVE THE GRANTORS, THEIR SUCCESSORS OR ASSIGNS FROM THE DUTY AND OBLIGATION TO REMOVE ANY SUCH OBSTRUCTIONS AT THEIR SOLE EXPENSE UPON THE DIRECTION OF THE GRANTEE, WHENEVER THE GRANTEE DEEMS SUCH REMOVAL NECESSARY IN ITS SOLE JUDGEMENT TO ENABLE THE GRANTEE TO REPAIR OR MAINTAIN ANY FACILITIES WITHIN THE EASEMENT OR OTHERWISE ALLOW THE GRANTEE FULL USE AND ENJOYMENT OF THE EASEMENT RIGHTS GRANTED HEREUNDER, AFTER INSTALLATION OF ANY SUCH FACILITIES. THE GRADE OF THE SUBDIVIDED PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO UNREASONABLY INTERFERE WITH THE PROPER OPERATION AND MAINTENANCE THEREOF.

DRAINAGE EASEMENT PROVISIONS:

A PERMANENT, NON-EXCLUSIVE EASEMENT FOR DRAINAGE SERVING THE SUBDIVISION OWNER/OWNERS OF LOT 1 (HEREINAFTER "GRANTOR") IS HEREBY RESERVED FOR AND GRANTED TO THE VILLAGE OF PALATINE, ILLINOIS.

THE GRANTING OF THE FOREGOING EASEMENT CONFERS NO OBLIGATION ON THE VILLAGE OF PALATINE (HEREINAFTER "GRANTEE") TO MAINTAIN, REPAIR, REPLACE, RELOCATE, OR REMOVE ANY OF THE FOREGOING.

THE EASEMENT PROVISIONS ALLOW THE GRANTOR OR THE GRANTEE ACCESS TO INSTALL, OPERATE, MAINTAIN, RELOCATE AND REMOVE, FROM TIME TO TIME, PIPES AND OTHER DRAINAGE SEWER FACILITIES USED IN CONNECTION WITH DRAINAGE, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF:

(I) THE PROPERTY SHOWN AS AND/OR LABELED AS "DRAINAGE EASEMENT," WITHIN DASHED LINES ON THE ATTACHED PLAT OF SUBDIVISION AND

(II) PROPERTY DESIGNATED ON THE PLAT AS PUBLICLY DEDICATED STREETS AND ALLEYS (THE PROPERTY DESCRIBED IN (I) AND (II) HEREINAFTER THE "EASEMENT AREAS"), TOGETHER WITH THE RIGHT TO INSTALL REQUIRED SERVICE CONNECTIONS UNDER THE SURFACE OF SUCH EASEMENT AREAS TO SERVE IMPROVEMENTS ON THE SUBDIVISION LOTS, THE RIGHT TO CUT, TRIM, OR REMOVE TREES, BUSHES AND ROOTS AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON SUCH EASEMENT AREAS FOR ALL SUCH PURPOSES.

GRANTEE MAY MAINTAIN, REPAIR AND REPLACE THE FACILITIES LOCATED IN THE EASEMENT AREAS. GRANTEE SHALL PROMPTLY BACKFILL ANY TRENCH MADE BY IT AND REPAIR ANY DAMAGE CAUSED BY IT INCLUDING, WITHOUT LIMITATION, DAMAGES FROM EXCAVATION OR USE OF THE EASEMENT AREAS, AND INCLUDING (WITHOUT LIMITATION) THE REPAIR AND REPLACEMENT OF PAVEMENT, SIDEWALKS, CURBING, FENCES AND LANDSCAPING, THEREBY RESTORING ANY SUCH AREA SUBSTANTIALLY TO ITS PRIOR CONDITION.

GRANTOR RESERVES (AND GRANTEE ACKNOWLEDGES AND AGREES TO SUCH RESERVATION) THE RIGHT TO USE THE EASEMENT AREAS FOR PURPOSES WHICH WILL NOT INTERFERE WITH GRANTEE'S ENJOYMENT OF ITS RIGHTS HEREBY GRANTED; SPECIFICALLY, GRANTOR SHALL HAVE THE RIGHT TO CONSTRUCT AND/OR INSTALL PAVEMENT FOR PARKING AND DRIVE AREAS, CURBING, SIDEWALKS, LANDSCAPING, FENCING AND SUCH OTHER SIMILAR FEATURES, BUT IN NO EVENT SHALL GRANTOR CONSTRUCT OR EFFECT ANY BUILDING OR OTHER STRUCTURE. SUCH FACILITIES SHALL BE LOCATED UNDERGROUND (EXCEPT FOR FACILITIES REQUIRED TO BE ABOVE GROUND, WHICH WILL BE LOCATED IN LANDSCAPED PORTIONS OF THE EASEMENT AREAS ONLY). AFTER INSTALLATION OF ANY UTILITY FACILITIES, THE GRADE OF THE SUBDIVIDED PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO INTERFERE WITH THE PROPER OPERATION AND MAINTENANCE THEREOF. THE LOCATION OF FACILITIES BY GRANTEES SHALL NOT CONFLICT OR INTERFERE WITH PUBLIC IMPROVEMENTS AND ANY CONFLICTS IN USE SHALL BE SUBJECT TO RESOLUTION AND APPROVAL OF THE GRANTEES.

CROSS ACCESS EASEMENT PROVISIONS

A CROSS ACCESS EASEMENT IS HEREBY RESERVED FOR AND GRANTED TO THE OWNERS, THEIR INVITEES, AND THEIR RESPECTIVE SUCCESSORS OR ASSIGNS FOR THE LAND LYING IMMEDIATELY WEST OF AND ADJOINING THIS EASEMENT AS DESIGNATED OVER AND ACROSS THE AREA LABELED "CROSS ACCESS EASEMENT." SAID EASEMENT SHALL NOT BE CLOSED FOR ANY REASON EXCEPT FOR EMERGENCY REPAIRS.

SURVEYOR'S CERTIFICATION

STATE OF ILLINOIS)
) SS
COUNTY OF DUPAGE)

I, TIMOTHY G. WOLFE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-003535, DO HEREBY CERTIFY THAT I HAVE SURVEYED AND SUBDIVIDED THE FOLLOWING DESCRIBED PROPERTY:

THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, BEING BOUNDED AS FOLLOWS:
BEGINNING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933, AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS – ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 374.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 926.96 FEET TO A POINT ON THE WESTERN LINE OF LOT 1 IN BRIESKE'S RESUBDIVISION IN SCHAUMBURG ACCORDING TO THE PLAT THEREOF RECORDED MAY 16, 1978, AS DOCUMENT NUMBER 24449403 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LYING ON A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 00 DEGREES 15 MINUTES 52 SECONDS EAST ALONG THE WESTERN LINE OF LOT 1 IN SAID BRIESKE'S RESUBDIVISION AND ALSO ALONG THE WESTERN LINE OF LOT 1 IN THE AFORESAID NATION PIZZA SUBDIVISION 1,028.18 FEET TO THE **POINT OF BEGINNING.**

SAID PROPERTY CONTAINS 1,243,953 SQ. FT. OR 28.557 ACRES, MORE OR LESS.

I FURTHER DECLARE THAT 5/8" DIAMETER X 24" LONG IRON REBAR WITH YELLOW CAPS WILL BE SET AT ALL PROPERTY CORNERS UNLESS OTHERWISE NOTED.

I FURTHER DECLARE BASED UPON A REVIEW OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR COOK COUNTY, ILLINOIS, AND INCORPORATED AREAS, HAVING MAP NUMBER 17031C0179J WITH AN EFFECTIVE DATE OF NOVEMBER 6, 2000, AND A MAP REVISED DATE OF AUGUST 19, 2008, THE MAJORITY OF THE SUBJECT PROPERTY, BY SCALED INTERPRETATION, APPEARS TO BE LOCATED IN "ZONE X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AND A SMALL PORTION IN THE WESTERN PART OF THE SUBJECT TRACT FALLS, BY SCALED INTERPRETATION, WITHIN "ZONE AE" – BASE FLOOD ELEVATIONS DETERMINED (SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD), AS SHOWN.

I ALSO CERTIFY THAT THE LAND IS WITHIN THE VILLAGE OF PALATINE, A VILLAGE WHICH HAS ADOPTED A CITY COMPREHENSIVE PLAN AND MAP AND IS EXERCISING THE SPECIAL POWERS AUTHORIZED BY DIVISION 12 OF ARTICLE 11 OF THE ILLINOIS MUNICIPAL CODE AS AMENDED.

GIVEN UNDER MY HAND AND SEAL THIS 19th DAY OF JANUARY IN THE YEAR 2022.

_____

Timothy G. Wolfe
Illinois Professional Land Surveyor No. 035-003535
jacobandhefner.com
twolfe@jacobandhefner.com
My License Expires November 30, 2022

T. TIMOTHY G WOLFE
35-003535
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
DOWNERS GROVE

REVISED: 01-19-22 PER CLIENT COMMENTS

Survey No.:	F 0 7 6 a		
Ordered By.:	LOGISTICS PROPERTY COMPANY		
Description:	Plat of Subdivision		
Date Prepared:	January 13, 2022		
Scale:	1" = N/A	Field Work:	MB/KW/SC/ES
		Prepared By:	ERP

SHEET 3 OF 3

JACOB & HEFNER
ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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H:\F\F076\F076a\S\Dwg\Subdivision\F076a_Plat of Subdivision.dwg

Attachment: EXHIBIT - Final Plat of Subdivision (607, 613, and (part of)1825 S. Roselle Road) and (part of) 623 E. Algonquin Road

SITE IMPROVEMENT PLANS

FOR

623 E. ALGONQUIN ROAD

PALATINE, ILLINOIS

LOGISTICS PROPERTY COMPANY

F076a
623 E. ALGONQUIN ROAD
2/28/2022

LOGISTICS PROPERTY CO

LEGEND

PROPOSED	DESCRIPTION	EXISTING
C C	STORM SEWER	C C
8W	WATER MAIN (WITH SIZE)	W
	SANITARY SEWER	
	FORCE MAIN	
E	UNDERGROUND ELECTRIC	E
OHE	OVERHEAD ELECTRIC	OHE
T	UNDERGROUND TELEPHONE	T
G	UNDERGROUND GAS	G
700	CONTOUR	700
HWL/NWL	HIGH/NORMAL WATER LEVEL	
XX	SILT FENCE	
	RIGHT-OF-WAY	
	CURB	
	DEPRESSED CURB FOR RAMP/DRIVEWAY	
	REVERSE PITCH CURB	
X	FENCE LINE	X
	GUARD RAIL	
	SANITARY MANHOLE	
	STORM MANHOLE	
	STORM INLET	
	STORM CATCH BASIN	
	CLEAN OUT	CO
	FIRE HYDRANT	
	GATE VALVE AND VAULT	
	STREET LIGHT	
	STREET LIGHT WITH MAST	
T	TRANSFORMER	T
	UTILITY POLE	
	SIGN	
	DRAINAGE DIRECTION	
	OVERFLOW ROUTE	
700.50	SPOT GRADE	+ 701.30
FF	FINISHED FLOOR	
TF	TOP OF FOUNDATION	
G	GROUND	
EP	EDGE OF PAVEMENT	
BC	BACK/TOP OF CURB	
W	TOP OF SIDEWALK	
TW	TOP OF RETAINING WALL	
BW	BOTTOM OF RETAINING WALL	
R=	RIM FOR STRUCTURES	
R	RISER FOR SANITARY SERVICE	
I=	INVERT FOR SEWERS	

WARNING

CALL JULIE TOLL FREE 1-800-892-0123

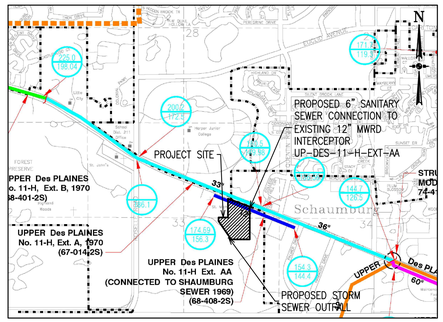
CALL BEFORE YOU DIG

(48 HOURS NOTICE REQUIRED PRIOR TO DIGGING)

811

Know what's **below.**
Call before you dig.

Municipality: PALATINE
County: COOK
Section: 33
Township: 42N
Range: 10E



LOCATION AND MWRD SEWER ROUTING MAP

1" = 2,000'

SURVEY REFERENCE NOTE:

EXISTING CONDITIONS AND TOPOGRAPHY ARE SHOWN PER 'TOPOGRAPHIC SURVEY,' DATED JUNE 24, 2014 AS PREPARED BY JACOB & HEFNER ASSOCIATES, INC.

CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES OR OMISSIONS.

BENCHMARK AND LOCATIONS:

ELEVATIONS ARE BASED ON THE VILLAGE OF SCHAUMBURG VERTICAL DATUM (NGVD).

REFERENCE BENCHMARKS:

BENCHMARK 1 – STATION NAME: VILLAGE OF SCHAUMBURG STATION 2008 – MONUMENT IS A 2" ALUMINUM CAP SET IN 6" X 36" CONCRETE FILLED PVC PIPE, MARKED '2008'. MONUMENT IS LOCATED ON THE EASTERLY SIDE OF HAMMOND DRIVE, APPROXIMATELY 270 FEET SOUTHWESTERLY OF ALGONQUIN ROAD.

ELEVATION=733.54

BENCHMARK 2 – STATION NAME: VILLAGE OF SCHAUMBURG STATION 1002 – MONUMENT IS A 2" ALUMINUM CAP GROUTED IN CONCRETE, MARKED '1002'. MONUMENT IS LOCATED IN THE CENTER MEDIAN OF QUENTIN ROAD, APPROXIMATELY 0.2 MILES NORTHEASTERLY OF ALGONQUIN ROAD.

ELEVATION=736.13

SITE BENCHMARKS:

BENCHMARK NO. 1 CUT CROSS IN EASTERN END OF CONCRETE MEDIAN IN ALGONQUIN ROAD APPROXIMATELY 1550 FEET NORTHWESTERLY OF QUENTIN ROAD. CUR CROSS IS IN CONCRETE AND 1 FOOT SOUTHEASTERLY OF THE EDGE OF GRASS IN THE MEDIAN.

ELEVATION=755.69

BENCHMARK NO. 2 CUT SQUARE IN NORTHWEST CORNER OF CONCRETE TRAFFIC SIGNAL VAULT LOCATED AT THE SOUTHEASTERN CORNER OF ALGONQUIN ROAD AND QUENTIN ROAD.

ELEVATION=739.51

NO.	DESCRIPTION	DATE
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21
REVISIONS		

DRAWING INDEX

SHEET	TITLE
C1	COVER SHEET
C2	OVERALL SITE PLAN
C3.0–C3.4	EXISTING CONDITIONS AND DEMOLITION PLAN
C4.0–C4.4	DIMENSIONAL CONTROL AND PAVING PLAN
C5.0–C5.4	GRADING PLAN
C6.0–C6.4	UTILITY PLAN
C7.0–C7.4	EROSION CONTROL PLAN
C8.0–C8.1	STORMWATER POLLUTION PREVENTION PLAN
C9.0–C9.4	DETAILS
C10	GENERAL NOTES AND SPECIFICATIONS
C11	MWRD GENERAL NOTES AND SPECIFICATIONS
C12	MWRD DRAINAGE EXHIBIT

CONTACTS

CIVIL ENGINEER
JACOB & HEFNER ASSOCIATES, INC
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DOWNERS GROVE, IL 60515
CONTACT: RYAN J. BLOCKER, P.E.
RBLOCKER@JACOBANDHEFNER.COM
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DEVELOPER
LOGISTICS PROPERTY COMPANY
ONE NORTH WACKER DRIVE, SUITE 1925
CHICAGO, IL, 60606
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WFREVE@LOGISTICSPROPCO.COM
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LANDSCAPE ARCHITECT
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402 WEST LIBERTY DRIVE
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GBERGER@GRWAINC.COM
(630) 668-7197

SURVEYOR
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ARCHITECT
ARCHITECTS PLUS DESIGN STUDIO
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WHEATON, ILLINOIS, 60189
CONTACT: JOHN WHITE
JWHITE@ARCHITECTSPLUSDESIGN.COM
(847) 624-4425

DRAINAGE CERTIFICATE

I, RYAN J. BLOCKER, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINAGE CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THIS DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO ADJACENT PROPERTY FOR STORMS UP TO AND INCLUDING THE ONE HUNDRED (100) YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH ALL APPLICABLE STATE, COUNTY, AND VILLAGE ORDINANCES.

Ryan J. Blocker — 2/28/22

ENGINEER — DATE
RYAN J. BLOCKER
RBLOCKER@JACOBANDHEFNER.COM

ILLINOIS REGISTRATION NO. 062-060791
EXPIRES 11/30/2023

ENGINEER ONLY CERTIFIES SHEETS: C1-C12

THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE ORIGINAL SIGNATURE, IMPRESSED SEAL, EXPIRATION DATE OF SEAL OF THE ENGINEER AND MARKED "FOR CONSTRUCTION"

LICENSED PROFESSIONAL ENGINEER — RYAN J. BLOCKER 062-060791 — OF ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

FOR REVIEW PURPOSES ONLY

Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

ALGONQUIN ROAD

EXISTING ROW

COLLEGE DRIVE

DETENTION POND
HWL=746.00'
NWL=741.00'
BOTTOM=740.00'
DETENTION REQUIRED=9.18 AC-FT
DETENTION PROVIDED=10.55 AC-FT
VOLUME CONTROL REQUIRED=1.43 AC-FT
VOLUME CONTROL PROVIDED=1.76 AC-FT

PROPOSED BUILDING
367,696 SF
FFE=754.50
SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR BUILDING FOOTPRINT

SHEET CX.1
SHEET CX.3
SHEET CX.2
SHEET CX.4

N

GRAPHIC SCALE 1"= 80'
0 40' 80' 160'

PAVEMENT HATCH LEGEND:

- DUCTLECRETE CONCRETE PAVEMENT
- HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- ALGONQUIN ROAD ASPHALT PAVEMENT
- ALGONQUIN ROAD CONCRETE PAVEMENT

SITE DATA TABLE:

PROPERTY AREA:	28.55 ACRES
DEVELOPMENT AREA:	25.15 ACRES
PROPOSED BUILDING AREA:	367,696 SQ. FT.
EXISTING ZONING:	COOK COUNTY RESIDENTIAL
PROPOSED ZONING:	M-MANUFACTURING
INTENDED USE:	OFFICE/WAREHOUSE
TOTAL CAR PARKING:	363 STALLS
STANDARD PARKING:	351 STALLS
HANDICAP ACCESSIBLE PARKING:	12 STALLS
TOTAL TRAILER PARKING:	70 STALLS
TRUCK DOCKS:	60 DOCKS
PROPOSED DOCKS:	36 DOCKS
FUTURE DOCKS:	24 DOCKS
DRIVE-IN DOORS:	2 DRIVE-IN DOORS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

OVERALL SITE PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
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F076a
1" = 80'
C2

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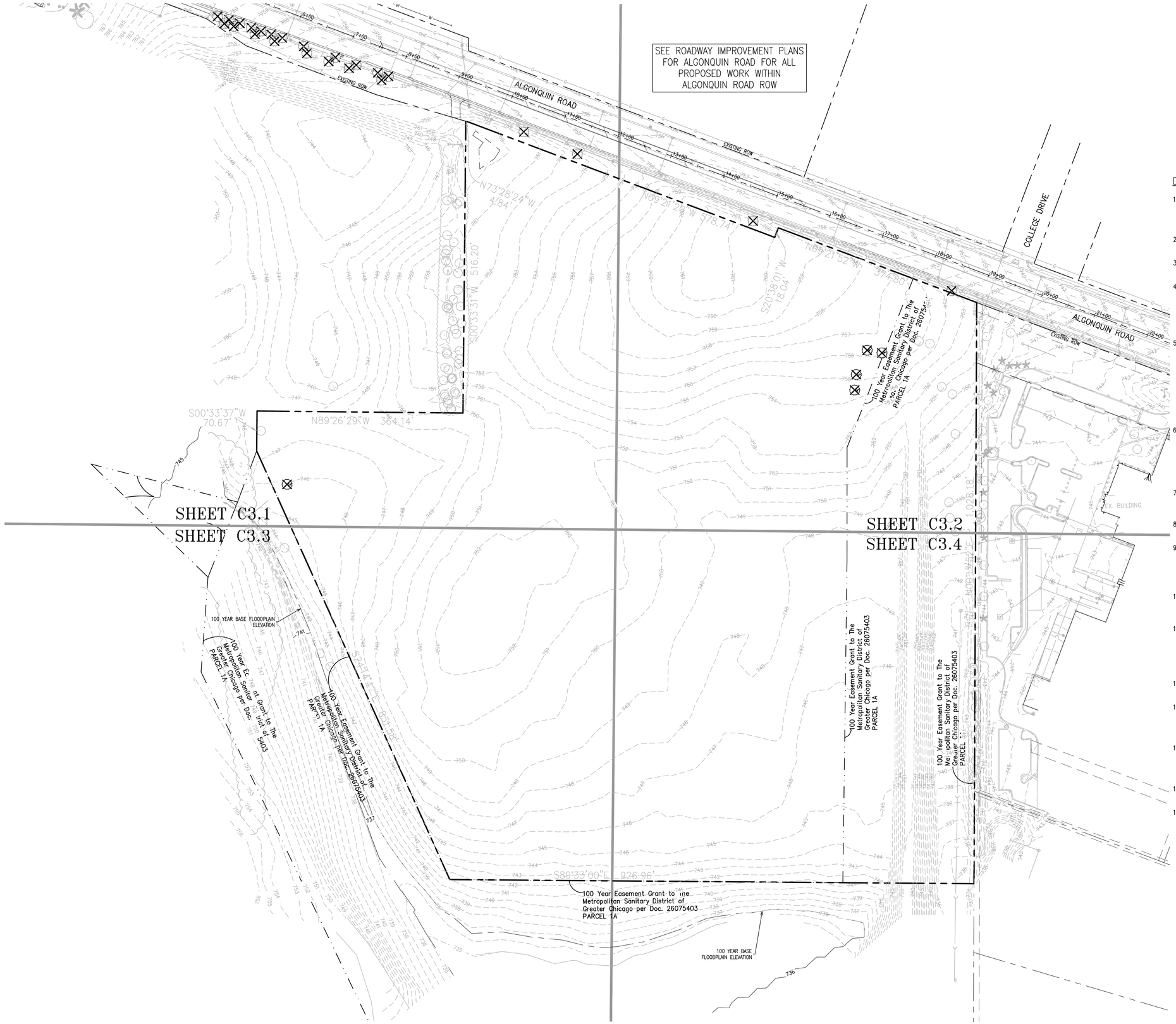

GRAPHIC SCALE 1"= 80'
0 40' 80' 160'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

1. CONTRACTOR SHALL CONTACT J.U.L.I.E (1-800-832-0123 OR 811) AND/OR PRIVATE LOCATING SERVICE TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO STARTING ANY DEMOLITION AND/OR EXCAVATION. EXACT LOCATIONS OF ANY EXISTING ELECTRIC, GAS, TELEPHONE, ETC. LINES ARE UNKNOWN.
2. CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
3. CONTRACTOR SHALL OBTAIN ALL NECESSARY DEMOLITION PERMITS AND COORDINATE ALL DEMOLITION WORK WITH THE MUNICIPALITY AND OWNERS REPRESENTATIVE.
4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DEVICES SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE SITE IS OTHERWISE DISTURBED. THEY SHALL BE KEPT OPERATIONAL AND CONTINUOUSLY MAINTAINED THROUGHOUT ALL CONSTRUCTION UNTIL PERMANENT SITE STABILIZATION HAS BEEN ACHIEVED (SEE EROSION CONTROL AND STORMWATER POLLUTION PREVENTION PLANS FOR ADDITIONAL INFORMATION AND DETAILS).
5. THE PURPOSE OF THIS DRAWING IS TO CONVEY THE OVERALL SCOPE OF DEMOLITION WORK AND IT IS NOT INTENDED TO COVER ALL DETAILS OR SPECIFICATIONS REQUIRED TO COMPLY WITH GENERALLY ACCEPTED DEMOLITION PRACTICES. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE SITE, SCOPE OF WORK, AND ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO BIDDING AND COMMENCING THE WORK. THE DEMOLITION CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, OR PROCEDURES USED TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND IS LIABLE FOR THE SAFETY OF THE PUBLIC AND CONTRACTOR'S EMPLOYEES DURING THE COURSE OF THE PROJECT.
6. THE DEMOLITION PLAN IS INTENDED TO SHOW REMOVAL OF KNOWN SITE FEATURES AND UTILITIES AS SHOWN ON THE SURVEY PROVIDED TO THE ENGINEER FOR DESIGN. THERE MAY BE OTHER SITE FEATURES, UTILITIES, STRUCTURES, AND MISCELLANEOUS ITEMS BOTH BURIED AND ABOVE GROUND THAT ARE WITHIN THE LIMITS OF WORK THAT MAY REQUIRE REMOVAL FOR THE PROPOSED SITE IMPROVEMENTS BUT THAT ARE NOT SHOWN HEREON. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF SUCH ITEMS.
7. CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCING ANY SITE DEMOLITION OPERATIONS TO COORDINATE ANY DISCONNECTION OR REMOVAL OF EXISTING UTILITIES WITHIN THE PROPOSED AREA OF WORK.
8. CONTRACTOR SHALL COORDINATE ANY SHUT DOWNS OF EXISTING ROADWAYS AND UTILITIES WITH THE NECESSARY GOVERNING AUTHORITIES.
9. ALL EXISTING BUILDINGS, FOUNDATIONS, CONCRETE OR ASPHALT PAVEMENT OR WALKS, CURB AND GUTTER AND MISCELLANEOUS STRUCTURES (INCLUDING, BUT NOT LIMITED TO FENCES, POLES, YARD LIGHTS, ELECTRICAL PANELS, WHEEL STOPS AND MISCELLANEOUS DEBRIS) NOTED TO BE REMOVED SHALL BE DEMOLISHED, REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
10. VOIDS LEFT BY ANY ITEM REMOVED UNDER ANY PROPOSED BUILDINGS, PAVEMENTS, OR WALKS OR WITHIN 24" THEREOF SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT.
11. AS SOON AS DEMOLITION WORK HAS BEEN COMPLETED, FINAL GRADE OF BACKFILL IN DEMOLITION AREAS SHALL BE COMPACTED PER THE GEOTECHNICAL REPORT TO PRESENT A NEAT, WELL DRAINED APPEARANCE, AND TO PREVENT WATER FROM DRAINING UNNECESSARILY ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL PROVIDE TEMPORARY DIVERSION SWALES OR OTHER MEANS OF MAINTAINING ADEQUATE SITE DRAINAGE.
12. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE ALL TREE REMOVALS WITH THE PROJECT LANDSCAPE PLANS.
13. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
14. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT, CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
15. ALL FIRE ACCESS LANES WITHIN THE PROJECT AREA SHALL REMAIN IN SERVICE, CLEAN OF DEBRIS, AND ACCESSIBLE FOR USE BY EMERGENCY VEHICLES.
16. SEE GENERAL NOTES AND SPECIFICATIONS SHEETS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

1" = 80'

C3.0

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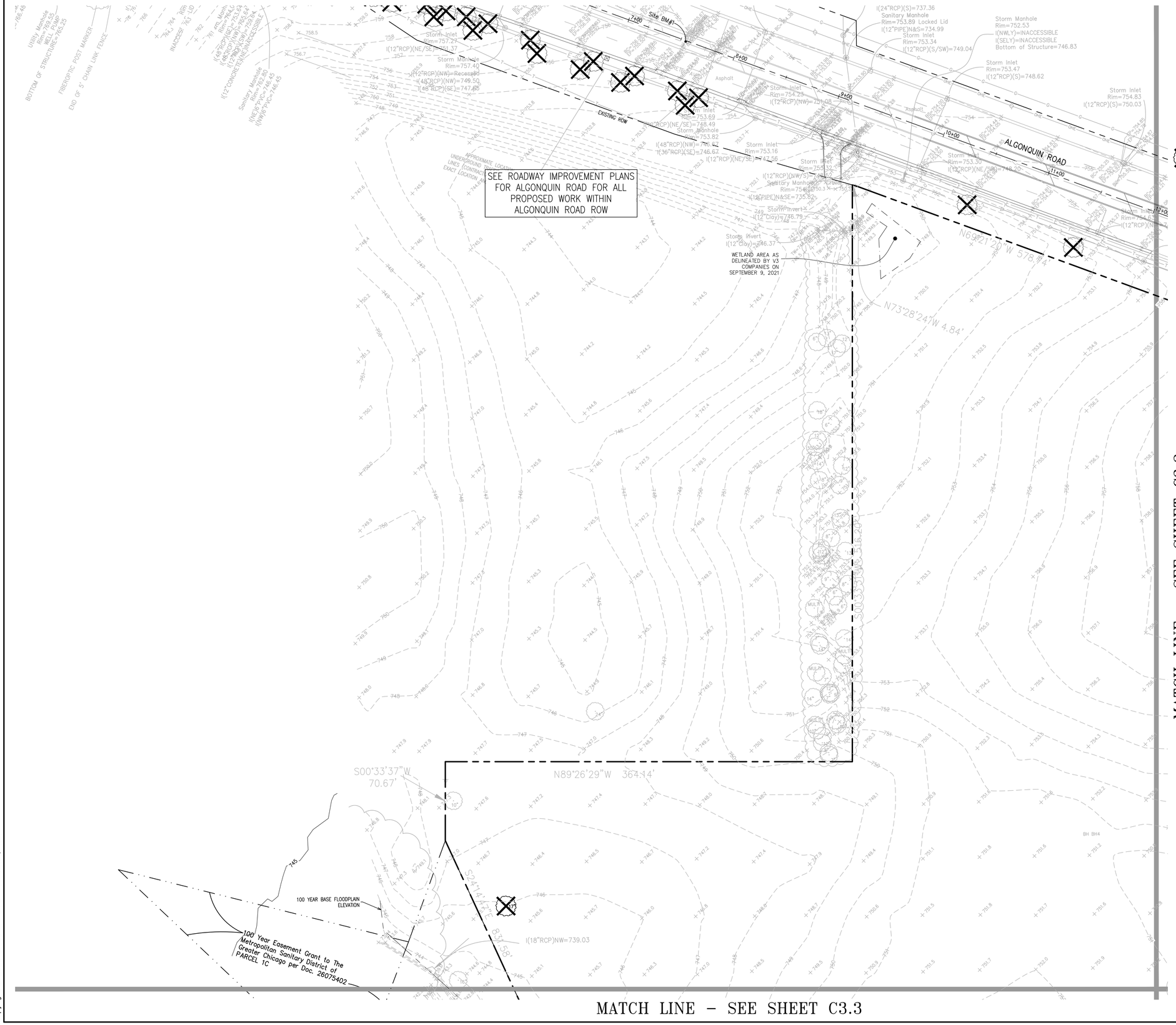
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



N

GRAPHIC SCALE 1"= 40'
0 20' 40' 80'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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1" = 40'

C3.1

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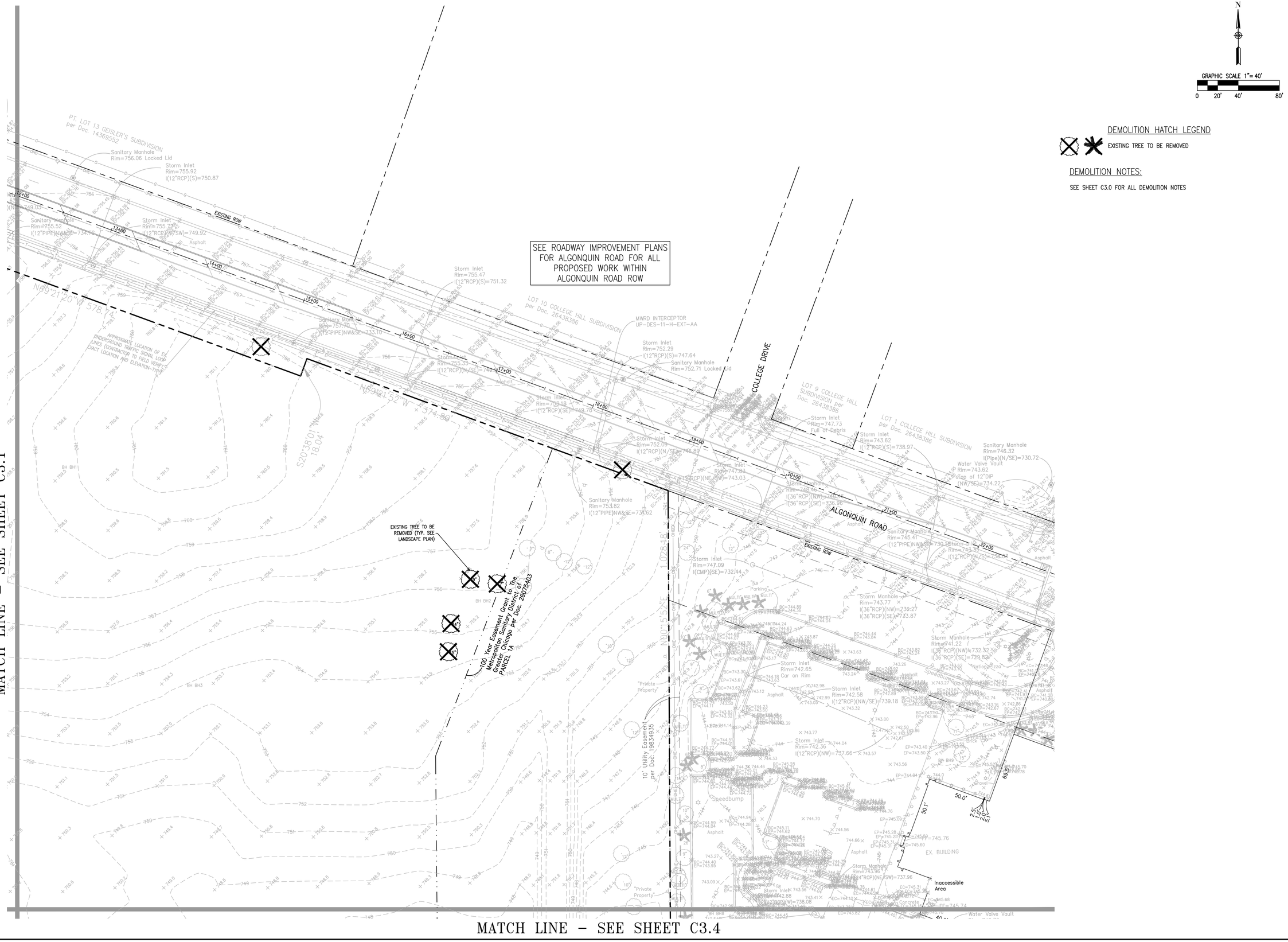

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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1" = 40'

C3.2

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MATCH LINE - SEE SHEET C3.1

MATCH LINE - SEE SHEET C3.4

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

100 YEAR BASE FLOODPLAIN ELEVATION

100 Year Easement Grant to The Metropolitan Sanitary District of Greater Chicago per Doc. 26075403 PARCEL 1A

S89°33'00"E 831.58'

S89°33'00"E 926.96'

100 Year Easement Grant Metropolitan Sanitary Dist Greater Chicago per Doc. PARCEL 1A

EDGE OF WATER

ADJOINER: THE CATHODIC BISHOP OF CHICAGO

PAIN: QZ-33-405005

TREELINE

736.71

736.23

735.20

735.80

735.09

734.39

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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1" = 40'

C3.3

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MATCH LINE - SEE SHEET C3.2

MATCH LINE - SEE SHEET C3.3

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

SEE SHEET C3.0 FOR ALL DEMOLITION NOTES

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

ALGONQUIN ROAD

EXISTING ROW

COLLEGE DRIVE

N69°21'20"W 578.14'

S00°33'37"W 70.67'

N89°26'29"W 364.14'

DETENTION POND
HWL=746.00'
NWL=741.00'
BOTTOM=740.00'
DETENTION REQUIRED=9.18 AC-FT
DETENTION PROVIDED=10.55 AC-FT
VOLUME CONTROL REQUIRED=1.43 AC-FT
VOLUME CONTROL PROVIDED=1.76 AC-FT

S41°47'21"E 831.53'

S89°33'00"E 926.96'

N00°15'52"E 1028.18'

EX. BUILDING

PROPOSED BUILDING
367,696 SF
FFE=754.50
SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR BUILDING FOOTPRINT

SHEET C4.1
SHEET C4.3
SHEET C4.2
SHEET C4.4

N

GRAPHIC SCALE 1"= 80'
0 40' 80' 160'

PAVEMENT HATCH LEGEND:

- DUCTLECRETE CONCRETE PAVEMENT
- HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
- CONCRETE SIDEWALK

CURB LEGEND:

- B6.12 CURB AND GUTTER
- REVERSE PITCH B6.12 CURB AND GUTTER
- DEPRESSED CURB AND GUTTER

NOTE:

REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:

1. ALL DIMENSIONS ARE MEASURED FROM FACE OF CURB OR CENTER OF PAVEMENT MARKING UNLESS OTHERWISE NOTED.
2. ALL CURB RADII ARE 4.5' UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL COORDINATE ALL SITE IMPROVEMENTS WITH ARCHITECTURAL PLANS.
4. ALL PROPOSED PAVEMENT MARKINGS SHALL BE 4" UNLESS OTHERWISE NOTED. PAVEMENT MARKINGS SHALL CONFORM TO ARTICLE 1095.02 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
5. BUILDING DIMENSIONS AND DOORWAY LOCATIONS ARE SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
6. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT, CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
7. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED. SEE LANDSCAPE PLANS FOR PROPOSED TREE AND PLANTING REQUIREMENTS.
8. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

SITE DATA TABLE:

PROPERTY AREA:	28.55 ACRES
PROPOSED BUILDING AREA:	367,696 SQ. FT.
TOTAL CAR PARKING:	363 STALLS
STANDARD PARKING:	351 STALLS
HANDICAP ACCESSIBLE PARKING:	12 STALLS
TOTAL TRAILER PARKING:	70 STALLS
TRUCK DOCKS:	60 DOCKS
PROPOSED DOCKS:	36 DOCKS
FUTURE DOCKS:	24 DOCKS
DRIVE-IN DOORS:	2 DRIVE-IN DOORS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

OVERALL DIMENSIONAL CONTROL AND PAVING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
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F076a

1" = 80'

C4.0

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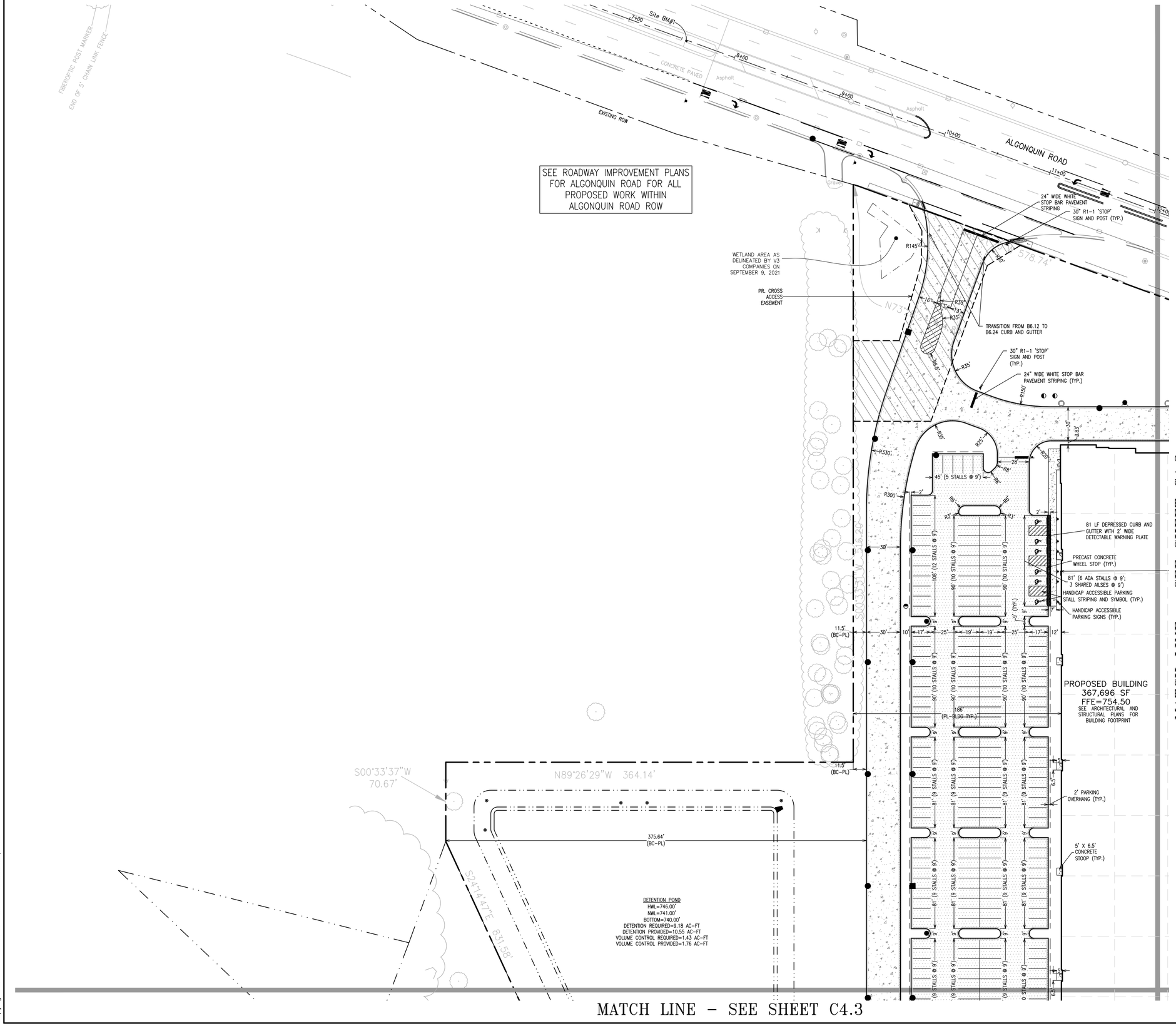

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

PAVEMENT HATCH LEGEND:

DUCTLECRETE CONCRETE PAVEMENT
4-1/2" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
6" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

CONCRETE SIDEWALK
5" PORTLAND CEMENT CONCRETE
4,000 PSI, A/E
4" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR

CURB LEGEND:

B6.12 CURB AND GUTTER

REVERSE PITCH B6.12 CURB AND GUTTER

DEPRESSED CURB AND GUTTER

NOTE:

REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:

SEE SHEET C4.0 FOR ALL GEOMETRIC NOTES

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

DIMENSIONAL CONTROL AND PAVING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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F076a

1" = 40'

C4.1

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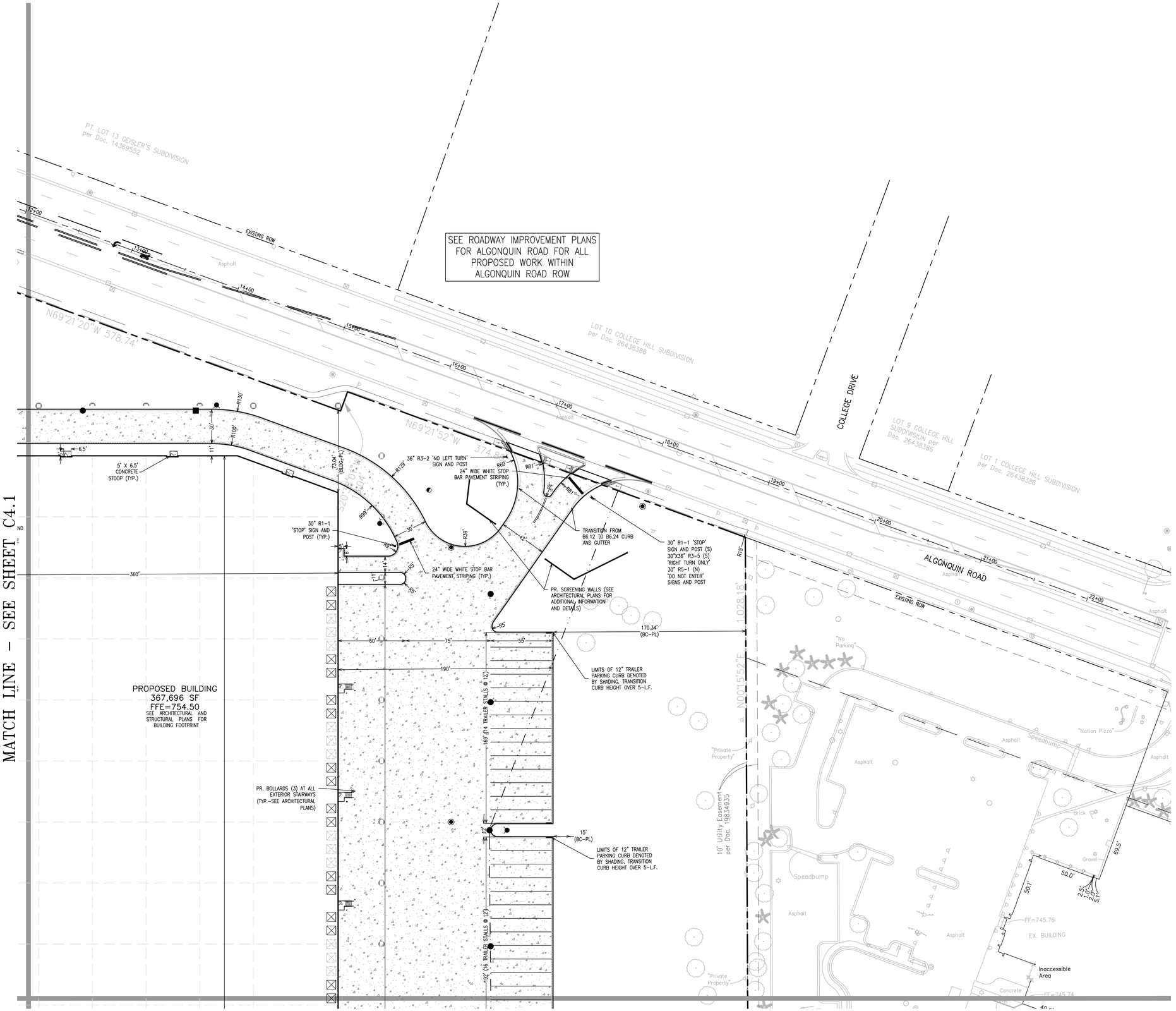

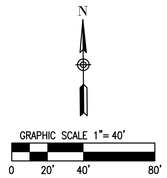

PAVEMENT HATCH LEGEND:

DUCTILECRETE CONCRETE PAVEMENT
4-1/2" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
6" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

CONCRETE SIDEWALK
5" PORTLAND CEMENT CONCRETE
4,000 PSI, A/E
4" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR

CURB LEGEND:

B6.12 CURB AND GUTTER

REVERSE PITCH B6.12 CURB AND GUTTER

DEPRESSED CURB AND GUTTER

NOTE:

REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:

SEE SHEET C4.0 FOR ALL GEOMETRIC NOTES

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

DIMENSIONAL CONTROL AND PAVING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

1" = 40'

C4.2

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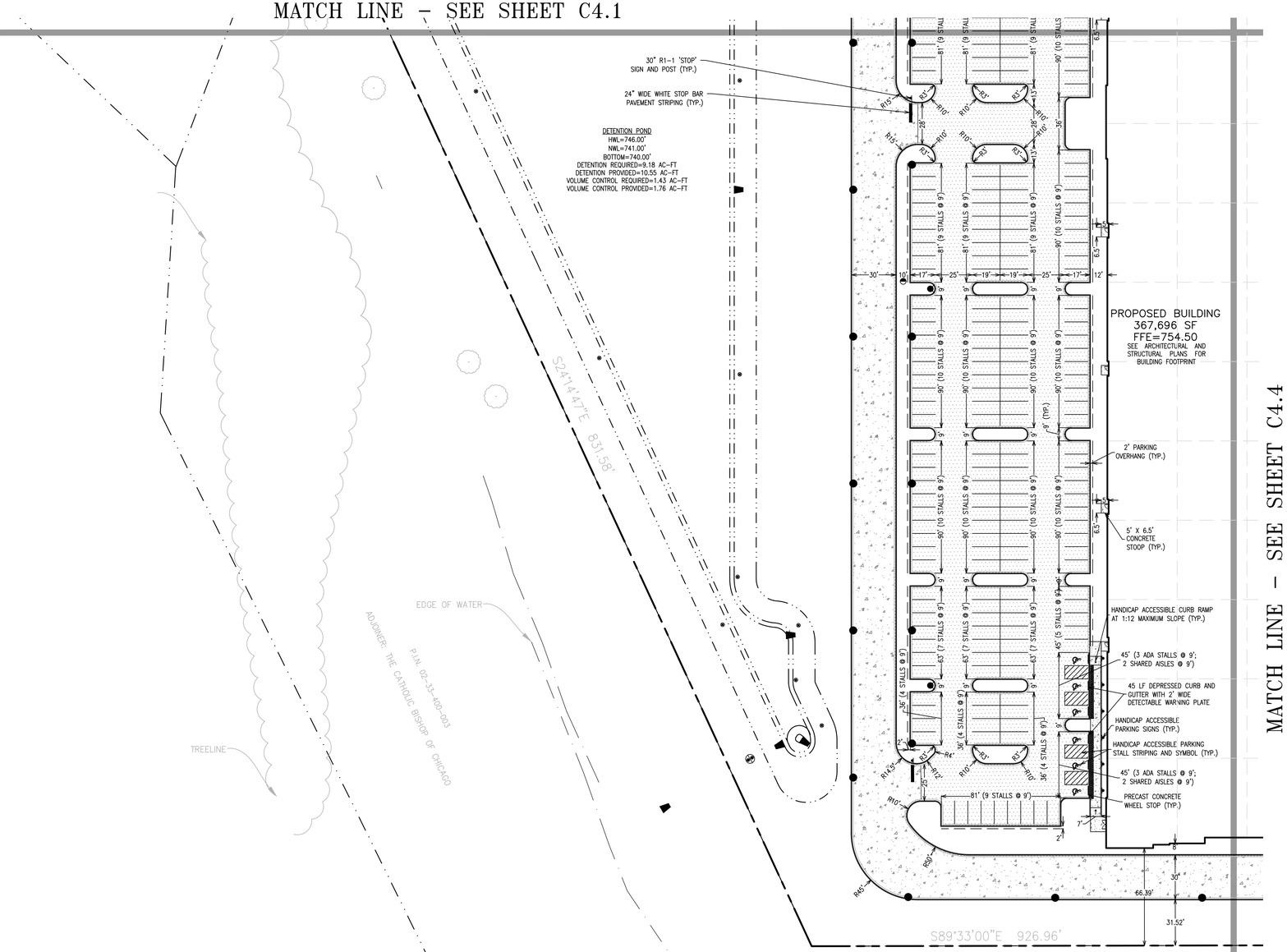
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

MATCH LINE – SEE SHEET C4.1



MATCH LINE – SEE SHEET C4.4

N

GRAPHIC SCALE 1"= 40'
0 20' 40' 80'

PAVEMENT HATCH LEGEND:

DUCTLECRETE CONCRETE PAVEMENT
4-1/2" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
6" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

CONCRETE SIDEWALK
5" PORTLAND CEMENT CONCRETE
4,000 PSI, A/E
4" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR

CURB LEGEND:

B6.12 CURB AND GUTTER

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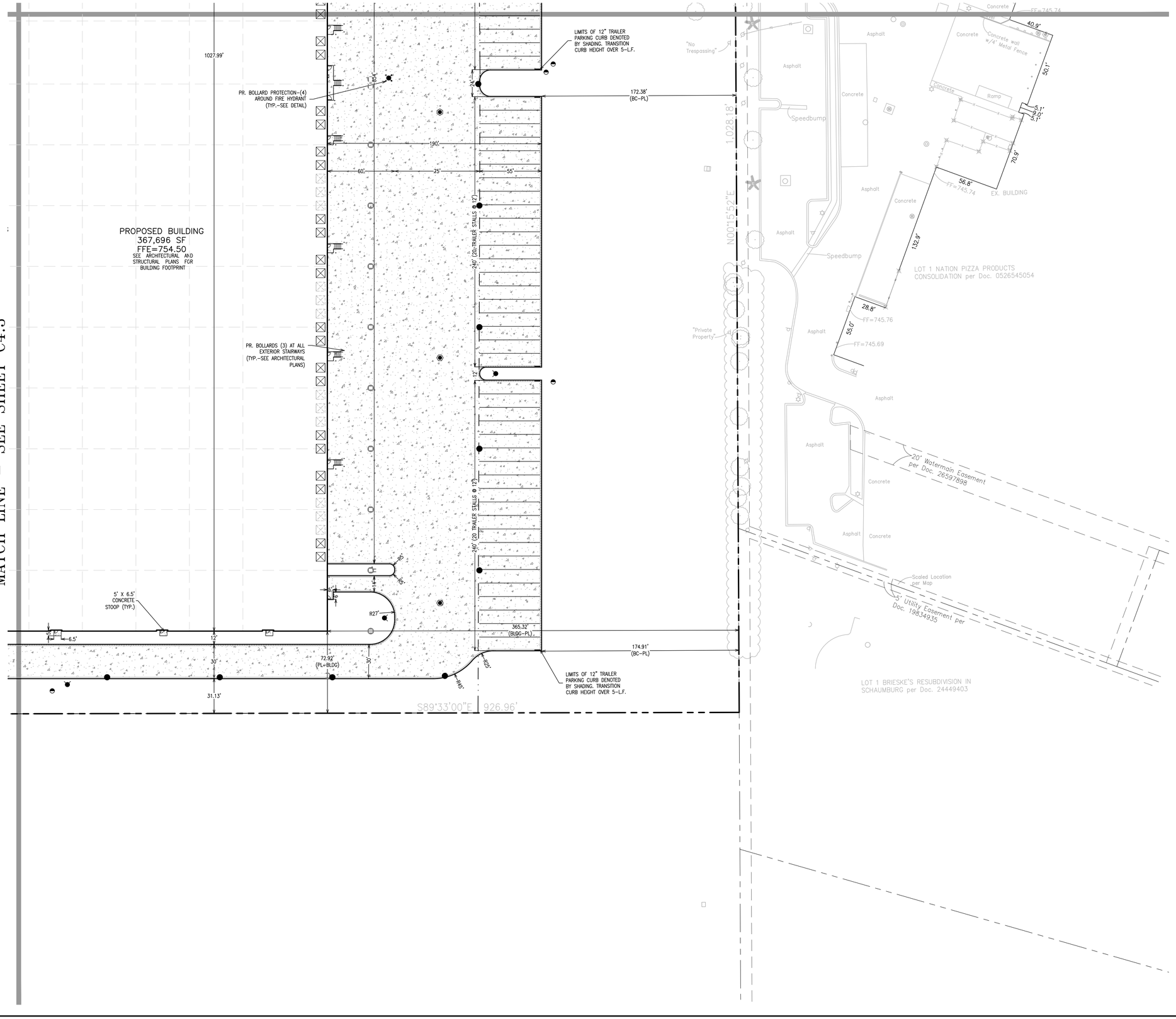
MATCH LINE - SEE SHEET C4.3



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1" = 40'

C4.4

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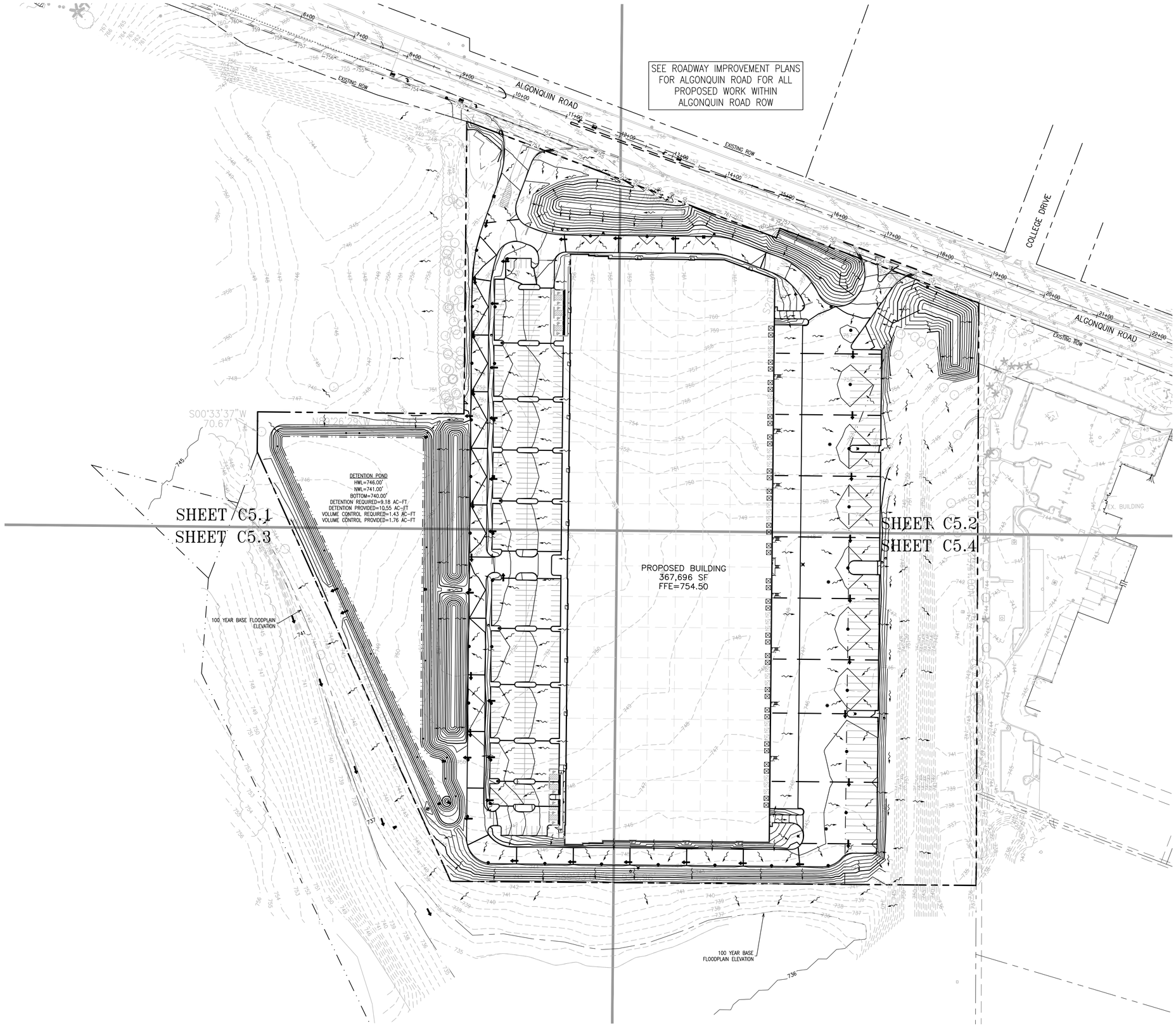

N

GRAPHIC SCALE 1"= 80'

0 40' 80' 160'

GRADING LEGEND:

EXISTING CONTOUR	—700—
EXISTING SPOT ELEVATION	× XXX.XX
PROPOSED CONTOUR	——700——
PROPOSED SPOT ELEVATION	× XXX.XX
PROPOSED GROUND/FINISHED GRADE ELEVATION	× G:XXX.XX
PROPOSED TOP OF SIDEWALK ELEVATION	× W:XXX.XX
PROPOSED CURB CUT ELEVATION	× CC=XXX.XX
PROPOSED RIM ELEVATION	× R=XXX.XX
MATCH EXISTING ELEVATION	× XXX.XX(ME)
PROPOSED TOP OF WALL ELEVATION	T/WALL:XXX.XX
PROPOSED FINISHED GRADE AT TOP OF WALL	T/WALL:XXX.XX(FG)
PROPOSED BOTTOM OF WALL ELEVATION	B/WALL:XXX.XX
PROPOSED DRAINAGE DIVIDE	
DRAINAGE DIRECTION	
OVERFLOW ROUTE	

STORMWATER MANAGEMENT SUMMARY TABLE:

DETENTION VOLUME REQUIRED	9.18 ACRE-FEET
DETENTION VOLUME PROVIDED (HWL=746.00)	10.55 ACRE-FEET
VOLUME CONTROL VOLUME REQUIRED	1.43 ACRE-FEET
VOLUME CONTROL VOLUME PROVIDED	1.76 ACRE-FEET

GRADING NOTES:

1. ALL PROPOSED SPOT ELEVATIONS ARE TOP OF PAVEMENT OR FINISHED GRADE ELEVATIONS UNLESS OTHERWISE NOTED.
2. REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.
3. CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF SITE GRADING OPERATIONS.
4. ALL PROPOSED GRADING, PAVEMENT, APRONS, CURBS, SIDEWALKS, ETC. SHALL MATCH EXISTING GRADES FLUSH.
5. MAXIMUM CROSS SLOPES AND LONGITUDINAL SLOPES FOR ALL CONCRETE SIDEWALKS AND HANDICAP ACCESSIBLE ROUTES SHALL NOT EXCEED 2% AND 5%, RESPECTIVELY.
6. MAXIMUM SLOPES WITHIN THE HANDICAP ACCESSIBLE PARKING AREAS AND ACCESSIBLE ROUTE TO THE BUILDING SHALL NOT EXCEED 2% IN ANY DIRECTION. HANDICAP ACCESSIBLE ROUTE DENOTED BY:
7. MAXIMUM GRADE DIFFERENCE BETWEEN PAVEMENT SURFACES AND ADJACENT CONCRETE SIDEWALKS FOR THE HANDICAP ACCESSIBLE ROUTE TO THE BUILDING SHALL NOT EXCEED 1/4" VERTICAL OR 1/2" WHEN BEVELED.
8. CONTRACTOR SHALL COORDINATE EXTERIOR DOORWAY AND FINISHED GRADE ELEVATIONS WITH ARCHITECTURAL AND STRUCTURAL PLANS. ALL HANDICAP ACCESSIBLE DOORWAY LOCATIONS REQUIRE AN EXTERIOR LANDING THAT IS A MINIMUM OF FIVE (5) FEET IN LENGTH WITH A SLOPE NOT EXCEEDING 2% IN ANY DIRECTION.
9. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
10. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL EXISTING STORM SEWERS WITHIN THE PROJECT AREA DURING CONSTRUCTION OPERATIONS AS NECESSARY TO PREVENT SILT OR DEBRIS ACCUMULATION.
11. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

OVERALL GRADING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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F076a

1" = 80'

C5.0

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

WETLAND AREA AS DELINEATED BY V3 COMPANIES ON SEPTEMBER 9, 2021

ALGONQUIN ROAD

EXISTING ROW

FIBEROPTIC POST MARKER

END OF 5' CHAIN LINK FENCE

APPROXIMATE LOCATION OF EX. UNDERGROUND TRAFFIC SIGNAL LOOP LINES (CONTRACTOR TO FIELD VERIFY EXACT LOCATION AND ELEVATION-TYP.)

Site BM #1

PROPOSED BUILDING
367,696 SF
FFE=754.50

DETENTION POND
HWL=746.00'
NWL=741.00'
BOTTOM=740.00'
DETENTION REQUIRED=9.18 AC-FT
DETENTION PROVIDED=10.55 AC-FT
VOLUME CONTROL REQUIRED=1.43 AC-FT
VOLUME CONTROL PROVIDED=1.76 AC-FT

100 YEAR BASE FLOODPLAIN ELEVATION

S00°33'37"W 70.67'

N89°26'29"W 364.14'

MATCH LINE - SEE SHEET C5.2

MATCH LINE - SEE SHEET C5.3

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

GRADING LEGEND:

EXISTING CONTOUR	——700——
EXISTING SPOT ELEVATION	× XXX.XX
PROPOSED CONTOUR	——700——
PROPOSED SPOT ELEVATION	× XXX.XX
PROPOSED GROUND/FINISHED GRADE ELEVATION	× G:XXX.XX
PROPOSED TOP OF SIDEWALK ELEVATION	× W:XXX.XX
PROPOSED CURB CUT ELEVATION	× CC=XXX.XX
PROPOSED RIM ELEVATION	× R=XXX.XX
MATCH EXISTING ELEVATION	× XXX.XX(ME)
PROPOSED TOP OF WALL ELEVATION	T/WALL:XXX.XX
PROPOSED FINISHED GRADE AT TOP OF WALL	T/WALL:XXX.XX(FG)
PROPOSED BOTTOM OF WALL ELEVATION	B/WALL:XXX.XX
PROPOSED DRAINAGE DIVIDE	— —
DRAINAGE DIRECTION	~~➔
OVERFLOW ROUTE	➔

GRADING NOTES:

SEE SHEET C5.0 FOR ALL GRADING NOTES

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
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GRADING PLAN

623 E. ALGONQUIN ROAD

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SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

PROPOSED BUILDING
367,696 SF
FFE=754.50

MATCH LINE - SEE SHEET C5.1

MATCH LINE - SEE SHEET C5.4

N

GRAPHIC SCALE 1"= 40'
0 20' 40' 80'

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EXISTING CONTOUR	—700—
EXISTING SPOT ELEVATION	× XXX.XX
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PROPOSED SPOT ELEVATION	× XXX.XX
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PROPOSED TOP OF SIDEWALK ELEVATION	× W:XXX.XX
PROPOSED CURB CUT ELEVATION	× CC=XXX.XX
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PROPOSED BOTTOM OF WALL ELEVATION	B/WALL:XXX.XX
PROPOSED DRAINAGE DIVIDE	
DRAINAGE DIRECTION	
OVERFLOW ROUTE	

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GRADING PLAN

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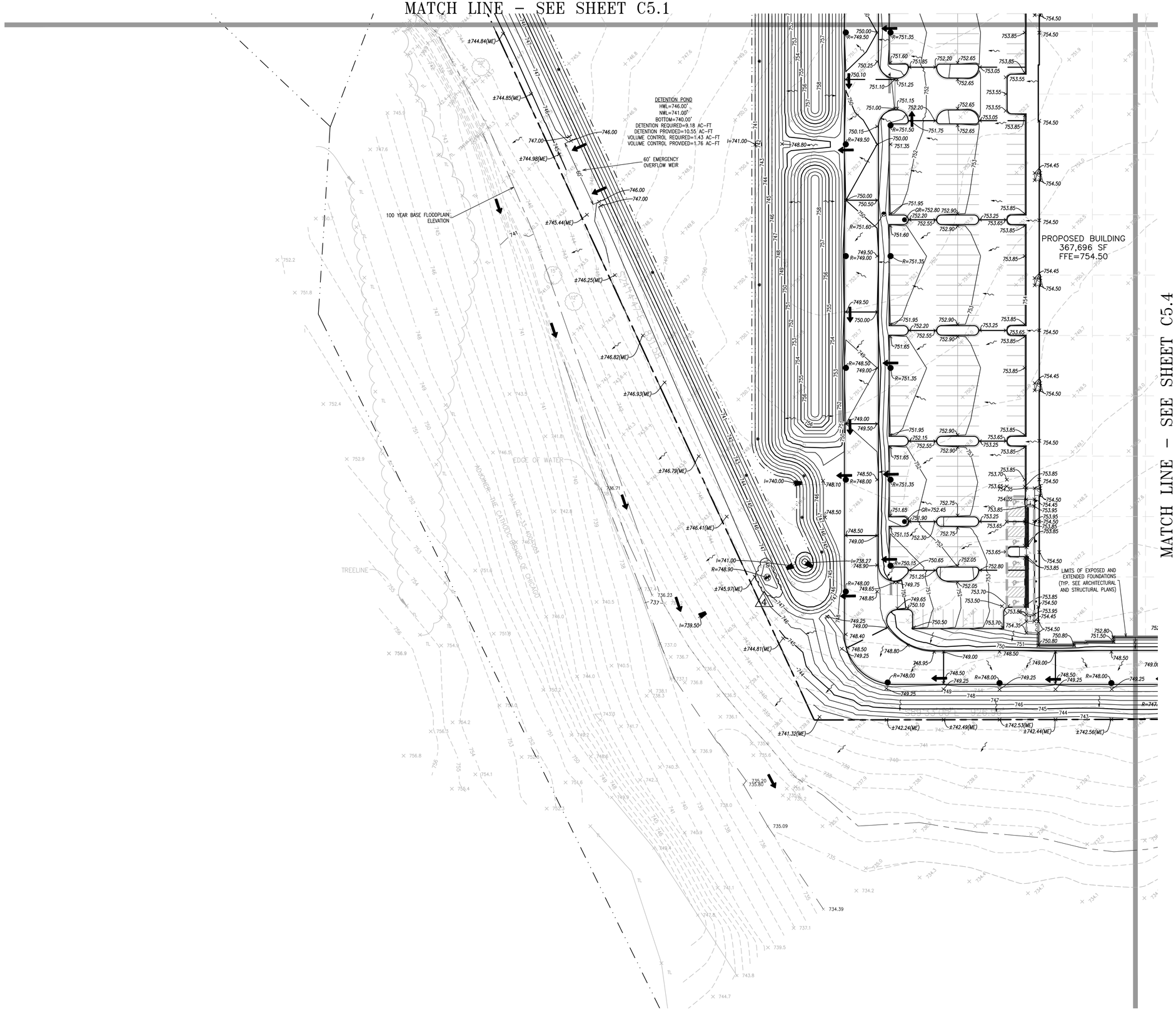
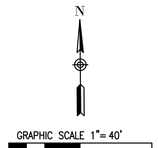


MATCH LINE – SEE SHEET C5.4



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MATCH LINE - SEE SHEET C5.3

PROPOSED BUILDING
367,696 SF
FFE=754.50

LIMITS OF EXPOSED AND EXTENDED FOUNDATIONS (TYP. SEE ARCHITECTURAL AND STRUCTURAL PLANS)

100 YEAR BASE FLOODPLAIN ELEVATION

LOT 1 NATION PIZZA PRODUCTS CONSOLIDATION per Doc. 0526545054

LOT 1 BRIESKE'S RESUBDIVISION IN SCHAUMBURG per Doc. 24449403

20' Watermain Easement per Doc. 26597898

5' Utility Easement per Doc. 19834935

Scaled Location per Map

EX. BUILDING

N

GRAPHIC SCALE 1"= 40'
0 20' 40' 80'

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PROPOSED FINISHED GRADE AT TOP OF WALL	T/WALL:XXX.XX(FG)
PROPOSED BOTTOM OF WALL ELEVATION	B/WALL:XXX.XX
PROPOSED DRAINAGE DIVIDE	— —
DRAINAGE DIRECTION	~→
OVERFLOW ROUTE	➡

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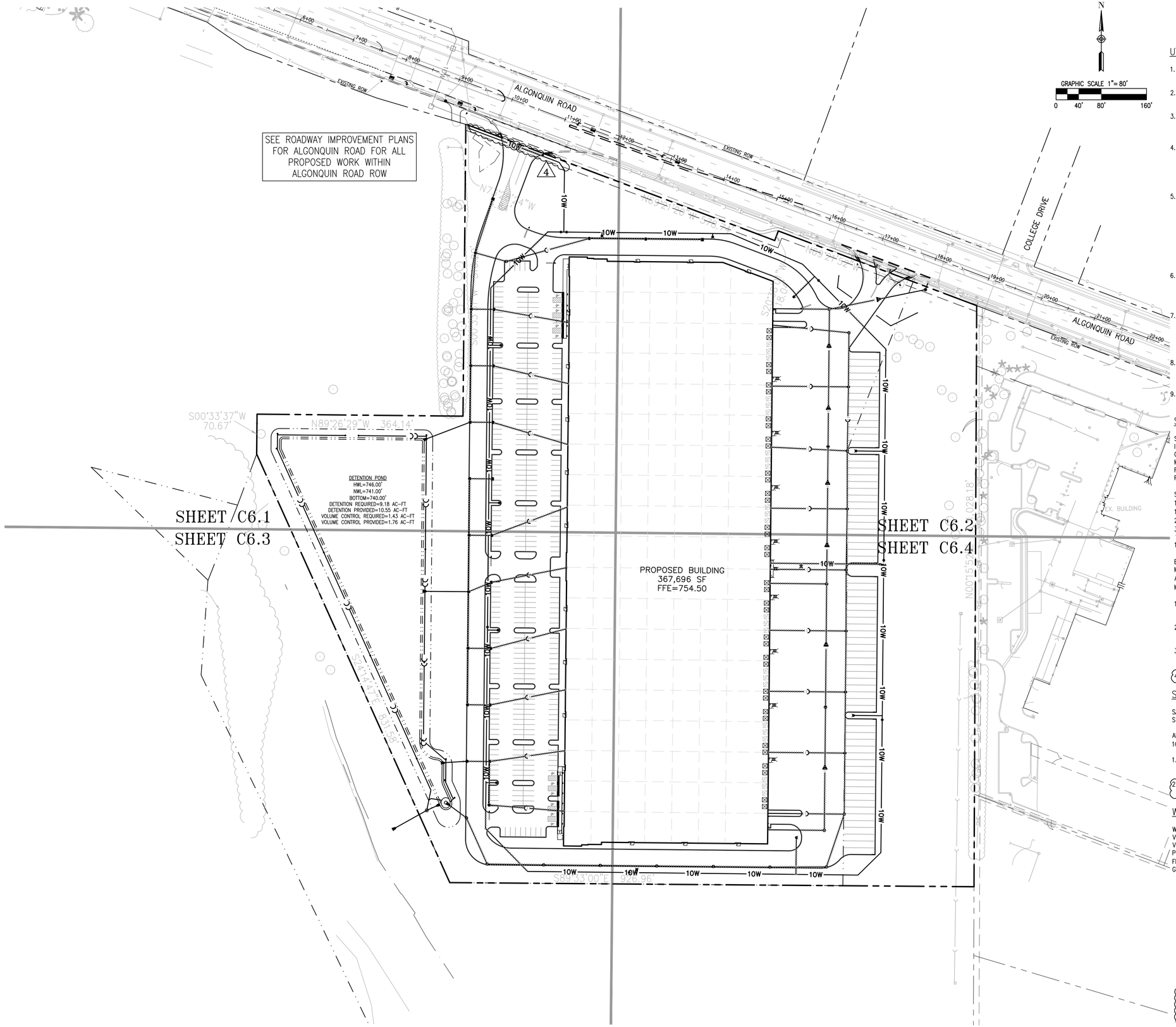

N

GRAPHIC SCALE 1"= 80'

0 40' 80' 160'

UTILITY NOTES:

1. ALL UTILITY LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURES IN LINEAR FEET.
2. ALL EXISTING UTILITY RIMS, GRADE RINGS, PEDESTALS, ETC. SHALL BE RAISED OR LOWERED AS REQUIRED TO MEET PROPOSED FINISHED GRADE.
3. ALL PROPOSED CONNECTIONS TO EXISTING UTILITY STRUCTURES OR PIPING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE GOVERNING AUTHORITY REQUIREMENTS AND SPECIFICATIONS.
4. GRANULAR TRENCH BACKFILL MATERIAL, IDOT GRADATION CA-7, SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, PER ASTM D1557, OVER ALL UTILITIES WHICH ARE CONSTRUCTED UNDER, OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS, SIDEWALKS, ETC. GRANULAR TRENCH BACKFILL NOTED ON THE PLANS BY:
5. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST FORTY-EIGHT (48) HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED SITE IMPROVEMENTS SHOWN ON THE PLANS.
6. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
7. CONTRACTOR SHALL EXCAVATE AND FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, CONDITIONS AND ELEVATIONS AT PROPOSED POINTS OF CONNECTION PRIOR TO COMMENCING ANY UNDERGROUND CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION.
8. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL EXISTING SEWER SYSTEMS DURING CONSTRUCTION OPERATIONS AS NECESSARY TO PREVENT SILT OR DEBRIS ACCUMULATION.
9. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS INCLUDING ALL PIPE MATERIAL AND JOINT SPECIFICATIONS.

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
I = INLET
CB = CATCH BASIN
MH = MANHOLE
FES = FLARED END SECTION
RD = ROOF DRAIN

STORM SEWER FRAME AND GRATE/LID SYMBOL LEGEND:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1022Z3
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V. ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID. 4

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1050Z1

1. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
2. SANITARY MANHOLE FRAME AND LID SHALL BE OF SEALING (GASKET) TYPE, AND SHALL HAVE A CONCEALED PICK HOLE AND BE LABELED "SANITARY". 4

WATER MAIN NOTES:

WATER MAIN STRUCTURE SYMBOL LEGEND:
Vv = VALVE VAULT
Vb = VALVE BOX
PC = PRESSURE CONNECTION
FH = FIRE HYDRANT ASSEMBLY WITH BOLLARDS (SEE DETAIL)
GR = FIRE HYDRANT GRADE RING

1. ALL WATER MAIN SHALL BE DIP CLASS 52, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL FIRE HYDRANT LEADS SHALL BE 6-INCH, CLASS 52 DIP UNLESS OTHERWISE NOTED ON THE PLANS.
3. BRASS WEDGES FOR LOCATING WATER MAINS SHALL BE INSTALLED PER SECTION 41-2.05C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, AS AMENDED.
4. MAINTAIN A MINIMUM OF 5.5-FT OF COVER AS MEASURED FROM THE PROPOSED GRADE OVER THE WATER MAIN. MAINTAIN HORIZONTAL SEPARATION WITH OTHER UTILITIES PER IEPA REQUIREMENTS.
5. ALL VALVE VAULTS SHALL HAVE "WATER" LABELED ON THE LID.
6. ALL INSTALLED WATER MAIN REGARDLESS OF PIPE MATERIAL SHALL HAVE A #12 AWG COPPER CLAD STEEL TRACE WIRE. 4

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

OVERALL UTILITY PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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F076a

1" = 80'

C6.0

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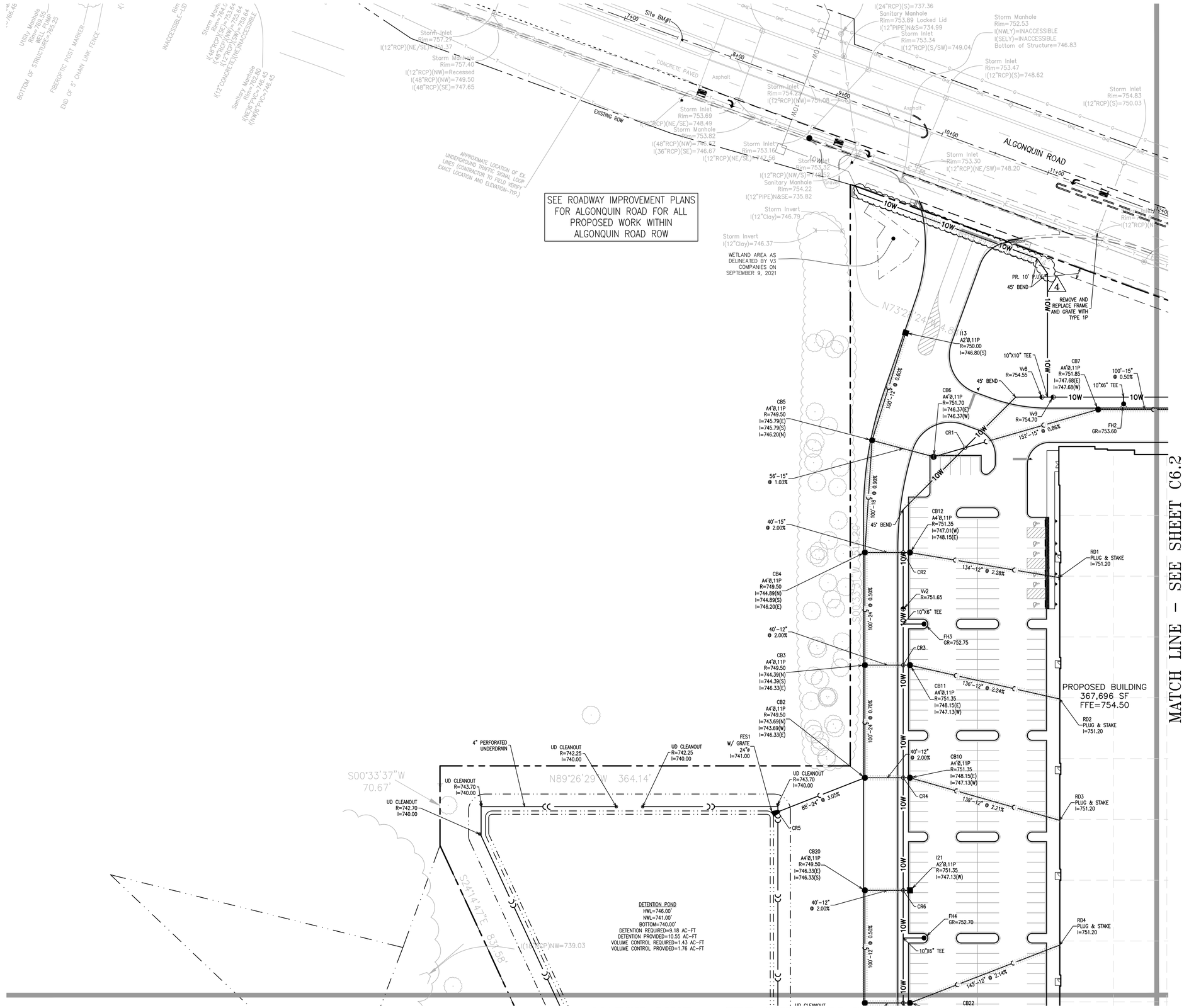
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

UTILITY NOTES:

SEE SHEET C6.0 FOR ALL UTILITY NOTES

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
I = INLET
CB = CATCH BASIN
MH = MANHOLE
FES = FLARED END SECTION
RD = ROOF DRAIN

STORM SEWER FRAME AND GRATE/LID SYMBOL LEGEND:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1022Z3
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V. ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID. (4)

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
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UTILITY CROSSINGS

CR1: BOTTOM OF 15" STORM = 746.4' ±
LOWER TOP OF 10" WATER = 744.9' ±
VERTICAL SEPARATION = 1.5'

CR2: BOTTOM OF 15" STORM = 746.7' ±
LOWER TOP OF 10" WATER = 745.2' ±
VERTICAL SEPARATION = 1.5'

CR3: BOTTOM OF 12" STORM = 746.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

CR4: BOTTOM OF 12" STORM = 746.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

CR5: BOTTOM OF 24" STORM = 740.9' ±
TOP OF 4" UNDERDRAIN = 740.3' ±
VERTICAL SEPARATION = 0.6'

CR6: BOTTOM OF 12" STORM = 746.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

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1" = 40'

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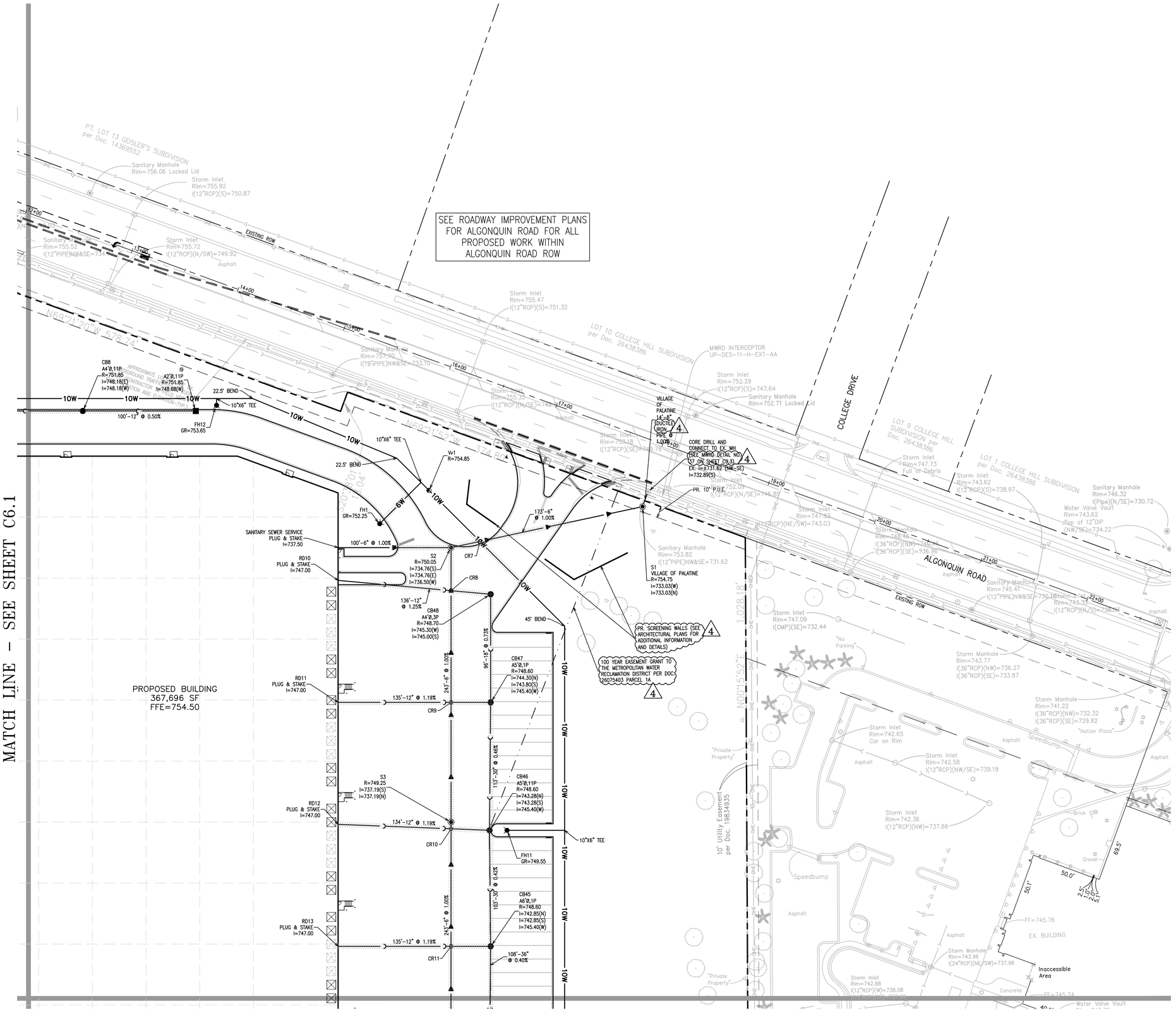

UTILITY NOTES:

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1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1022Z3
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
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A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

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SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1050Z1

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UTILITY CROSSINGS

CR7: BOTTOM OF 10" WATER = 744.3' ±
TOP OF 6" SANITARY = 735.0' ±
VERTICAL SEPARATION = 9.3'

CR8: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 735.6' ±
VERTICAL SEPARATION = 10.0'

CR9: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 736.6' ±
VERTICAL SEPARATION = 9.0'

CR10: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 737.8' ±
VERTICAL SEPARATION = 7.8'

CR11: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 738.8' ±
VERTICAL SEPARATION = 6.8'

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F076a
1" = 40'
C6.2

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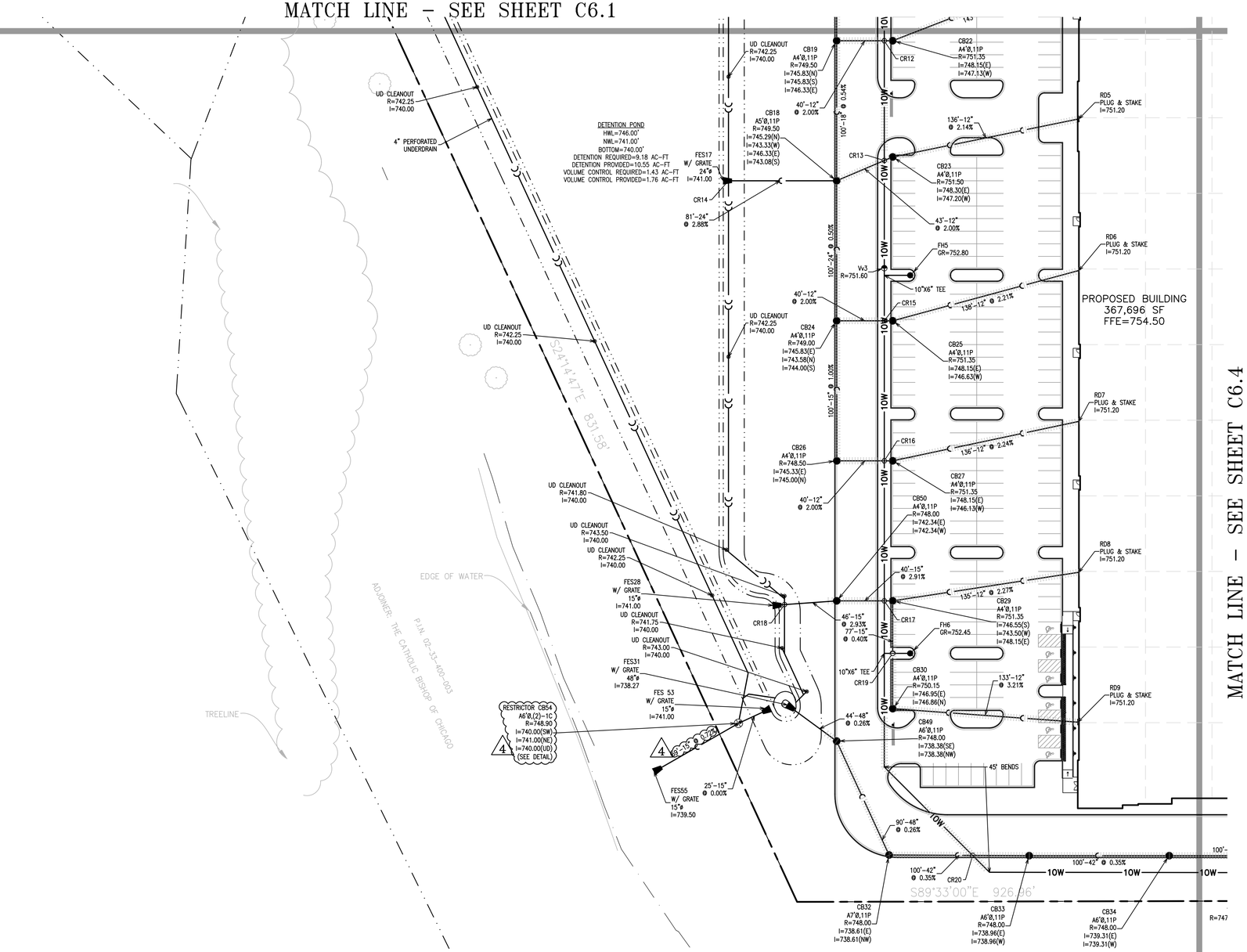
MATCH LINE – SEE SHEET C6.1



MATCH LINE – SEE SHEET C6.4

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

UTILITY NOTES:

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STORM SEWER NOTES:

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2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
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A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

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SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
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ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
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UTILITY CROSSINGS

CR12: BOTTOM OF 12" STORM = 746.8' ± LOWER TOP OF 10" WATER = 745.3' ± VERTICAL SEPARATION = 1.5'

CR13: BOTTOM OF 12" STORM = 746.9' ± LOWER TOP OF 10" WATER = 745.4' ± VERTICAL SEPARATION = 1.5'

CR14: BOTTOM OF 24" STORM = 741.0' ± TOP OF 4" UNDERDRAIN = 740.3' ± VERTICAL SEPARATION = 0.7'

CR15: BOTTOM OF 12" STORM = 746.3' ± LOWER TOP OF 10" WATER = 744.8' ± VERTICAL SEPARATION = 1.5'

CR16: BOTTOM OF 12" STORM = 745.8' ± LOWER TOP OF 10" WATER = 744.3' ± VERTICAL SEPARATION = 1.5'

CR17: BOTTOM OF 15" STORM = 743.1' ± LOWER TOP OF 10" WATER = 741.6' ± VERTICAL SEPARATION = 1.5'

CR18: BOTTOM OF 15" STORM = 741.1' ± TOP OF 4" UNDERDRAIN = 740.3' ± VERTICAL SEPARATION = 0.8'

CR19: BOTTOM OF 15" STORM = 746.5' ± LOWER TOP OF 10" WATER = 745.0' ± VERTICAL SEPARATION = 1.5'

CR20: BOTTOM OF 42" STORM = 738.4' ± LOWER TOP OF 10" WATER = 736.9' ± VERTICAL SEPARATION = 1.5'

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
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F076a

1" = 40'

C6.3

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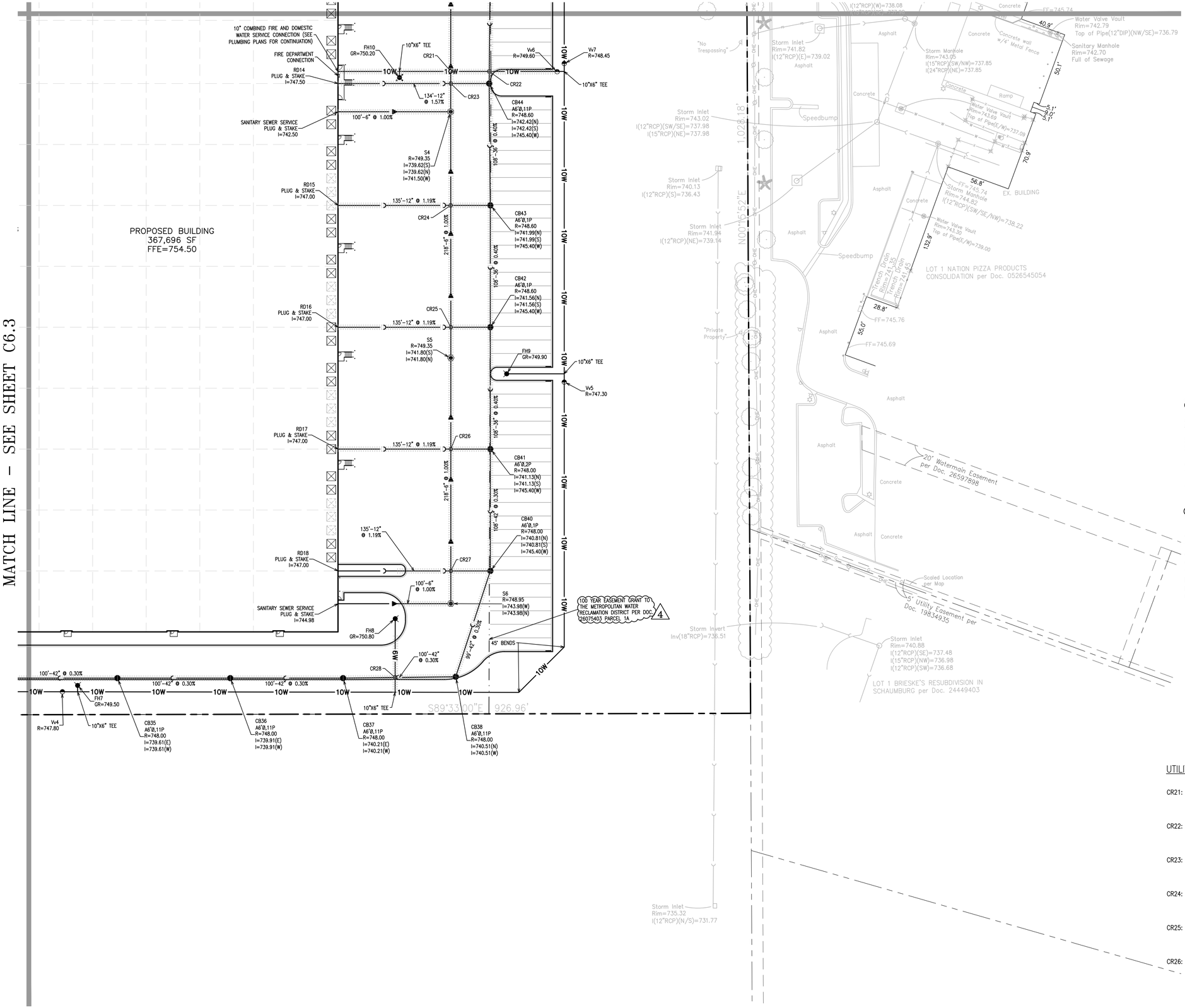
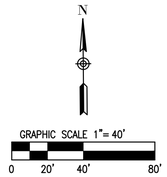
MATCH LINE - SEE SHEET C6.2

MATCH LINE - SEE SHEET C6.3





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2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
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A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

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UTILITY CROSSINGS

CR21: BOTTOM OF 10" WATER = 742.9' ±
TOP OF 6" SANITARY = 739.8' ±
VERTICAL SEPARATION = 3.1'

CR22: BOTTOM OF 36" STORM = 742.1' ±
LOWER TOP OF 10" WATER = 740.6' ±
VERTICAL SEPARATION = 1.5'

CR23: BOTTOM OF 12" STORM = 745.8' ±
TOP OF 6" SANITARY = 739.4' ±
VERTICAL SEPARATION = 6.4'

CR24: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 741.0' ±
VERTICAL SEPARATION = 4.6'

CR25: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 742.0' ±
VERTICAL SEPARATION = 3.6'

CR26: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 743.1' ±
VERTICAL SEPARATION = 2.5'

CR27: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 744.2' ±
VERTICAL SEPARATION = 1.4'

CR28: BOTTOM OF 42" STORM = 740.0' ±
LOWER TOP OF 10" WATER = 738.5' ±
VERTICAL SEPARATION = 1.5'

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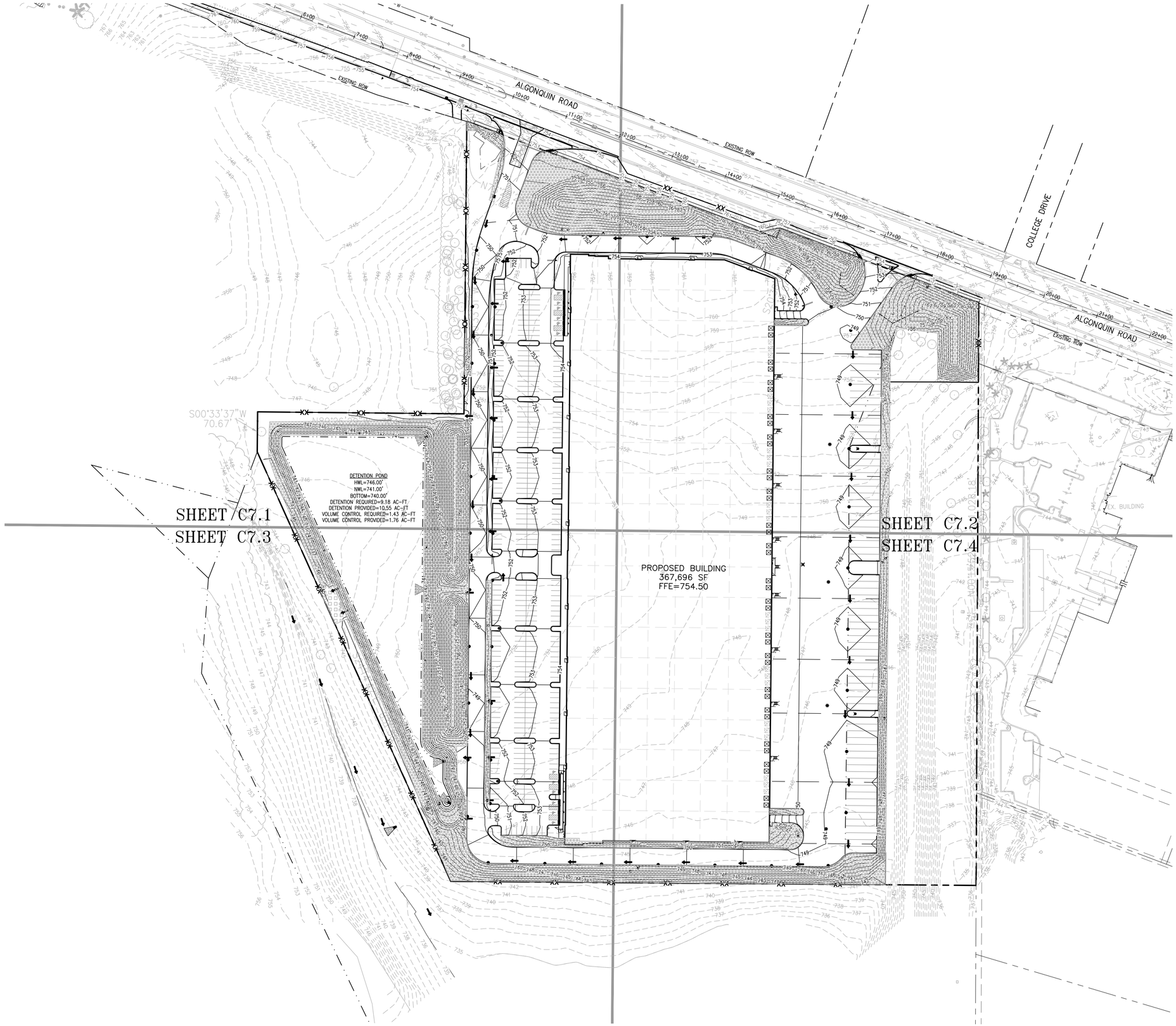

SWPPP CONSTRUCTION SCHEDULE:

1. OBTAIN ALL APPLICABLE SITE PERMITS AND THOROUGHLY REVIEW PROJECT'S STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION CONTROL PLANS PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND UPDATING THE SWPPP THROUGHOUT THE DURATION OF CONSTRUCTION AS NECESSARY UNTIL FINAL SITE STABILIZATION IS ACHIEVED.
2. INSTALL PERIMETER SEDIMENT CONTROL MEASURES (I.E. SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE).
3. INSTALL INLET PROTECTION DEVICES FOR EXISTING STORM SEWER INLETS AND DRAINAGE STRUCTURES.
4. PERFORM STORMWATER POLLUTION PREVENTION SITE INSPECTIONS ON A WEEKLY BASIS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCH OR GREATER (OR EQUIVALENT SNOWFALL). AT A MINIMUM, THE INSPECTIONS SHALL INCLUDE THE DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, ALL STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIST THE SITE, AND ANY ADDITIONAL BEST MANAGEMENT PRACTICES IDENTIFIED IN THE SWPPP.
   - 4.1. ALL SITE EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SHALL BE CONTINUOUSLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL MAKE AND COMPLETE THE REQUIRED REPAIRS WITHIN FORTY-EIGHT (48) HOURS OF THE INSPECTION.
   - 4.2. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL STRUCTURAL CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE SITE INSPECTIONS.
   - 4.3. COPIES OF THE WEEKLY INSPECTION REPORT SHALL BE SUBMITTED TO THE PUBLIC WORKS SUPERINTENDENT AND THE VILLAGE ENGINEER.
5. BEGIN SITE CLEARING AND GRADING OPERATIONS.
6. PROVIDE TEMPORARY SEEDING AND/OR MULCHING FOR ALL DISTURBED SITE AREAS THAT WILL NOT BE WORKED ON FOR MORE THAN SEVEN (7) DAYS.
7. INSTALL NEW STORM SEWERS AND OTHER SITE UTILITIES AS INDICATED ON THE PLANS.
8. INSTALL TEMPORARY CONCRETE WASHOUT PRIOR TO COMMENCEMENT OF ANY CONCRETE WORK ON SITE.
9. BEGIN SITE PAVING OPERATIONS (I.E. DRIVES, PARKING LOTS, ETC.)
10. PERFORM STREET CLEANING OPERATIONS AND OTHER BEST MANAGEMENT PRACTICES AS NEEDED FOR AREAS ADJACENT TO THE PROJECT SITE.
11. INSTALL BUILDING FOUNDATIONS AND COMPLETE BUILDING CONSTRUCTION AND REMAINING SITE IMPROVEMENTS INDICATED ON THE PLANS.
12. PERFORM FINAL GRADING OPERATIONS AND ESTABLISH PERMANENT VEGETATIVE COVER IN ALL LANDSCAPED AREAS.
13. REMOVE ALL TEMPORARY SITE EROSION AND SEDIMENT CONTROL MEASURES WITHIN THIRTY (30) DAYS OF FINAL SITE STABILIZATION.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF SITE GRADING OR DEMOLITION OPERATIONS.
2. CONTRACTOR SHALL IMPLEMENT APPROPRIATE DUST CONTROL MEASURES AS NECESSARY.
   - 2.1. DUST SHALL BE CONTROLLED MANUALLY OR BY USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY POTABLE WATER TO DISTURBED AREAS. THE MOBILE UNIT SHALL APPLY WATER AT A RATE OF THREE-HUNDRED (300) GALLONS PER ACRE AND MINIMIZE AS NECESSARY TO PREVENT RUNOFF AND SURFACE WATER PONDING.
3. EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS ANTICIPATED BY THE ENGINEER. ADDITIONAL MEASURES MAY BE REQUIRED DURING CONSTRUCTION AS WARRANTED BY SITE CONDITIONS OR AS DIRECTED BY THE ENGINEER AND/OR PROJECT GOVERNING AUTHORITIES.
4. SEE LANDSCAPE PLANS FOR ALL DETENTION POND PLANTING REQUIREMENTS
5. SEE GENERAL NOTES AND SPECIFICATIONS SHEETS AND STORMWATER POLLUTION PREVENTION PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

OVERALL EROSION CONTROL PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

1" = 80'

C7.0

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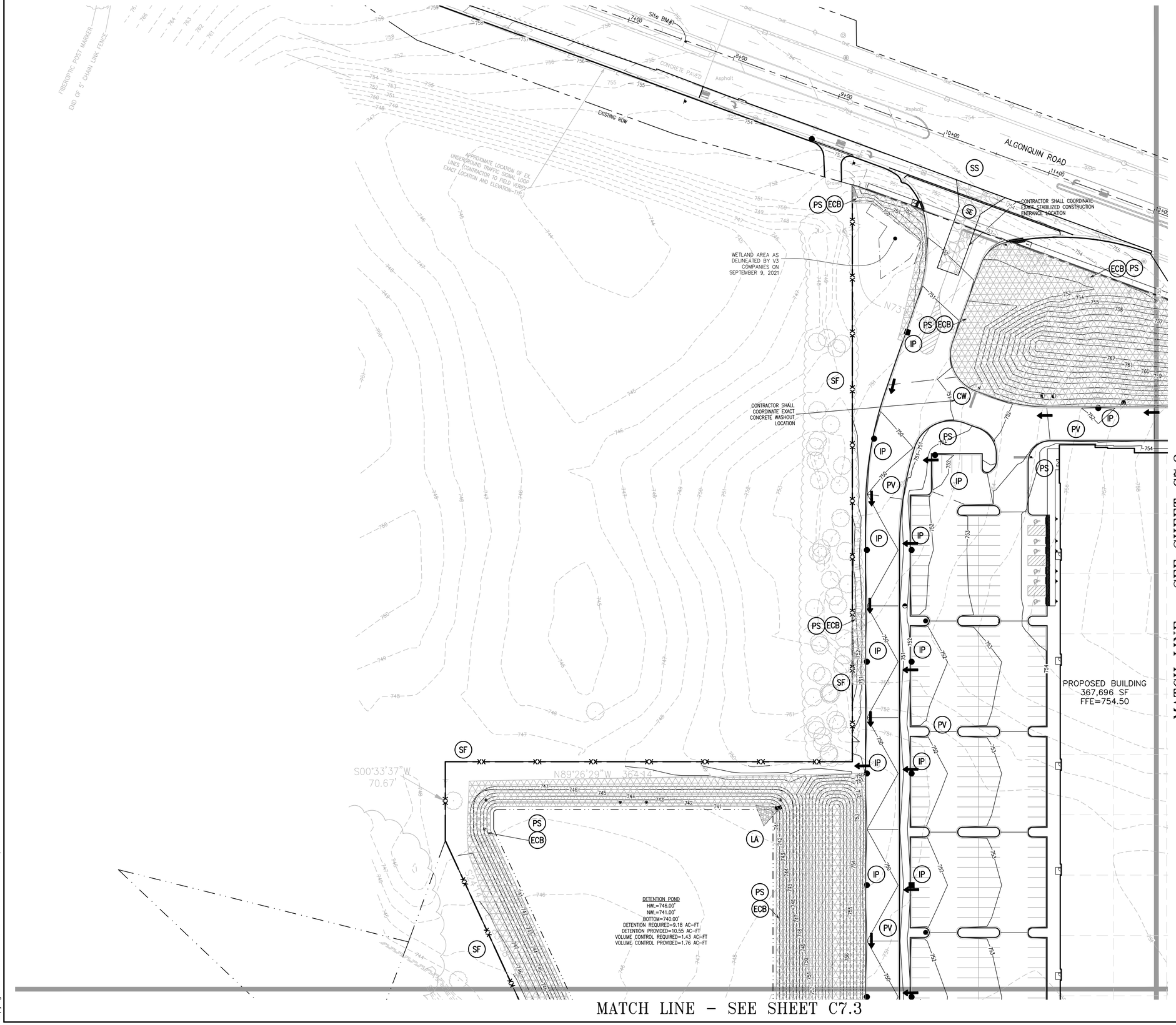
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



GRAPHIC SCALE 1"= 40'
0 20' 40' 80'

EROSION CONTROL LEGEND:

- IP — INLET PROTECTION
- SF — SILT FENCE
- SE — STABILIZED CONSTRUCTION ENTRANCE
- CW — CONCRETE WASHOUT
- ECB — EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S75)
- TRM — PERMANENT TURF REINFORCEMENT MAT (NORTH AMERICAN GREEN VMAX SC250)
- PS — PERMANENT SEEDING (SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION AND DETAILS)
- SS — STREET SWEEPING
- PV — PAVEMENT
- LA — LINED APRON

EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

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EROSION CONTROL PLAN

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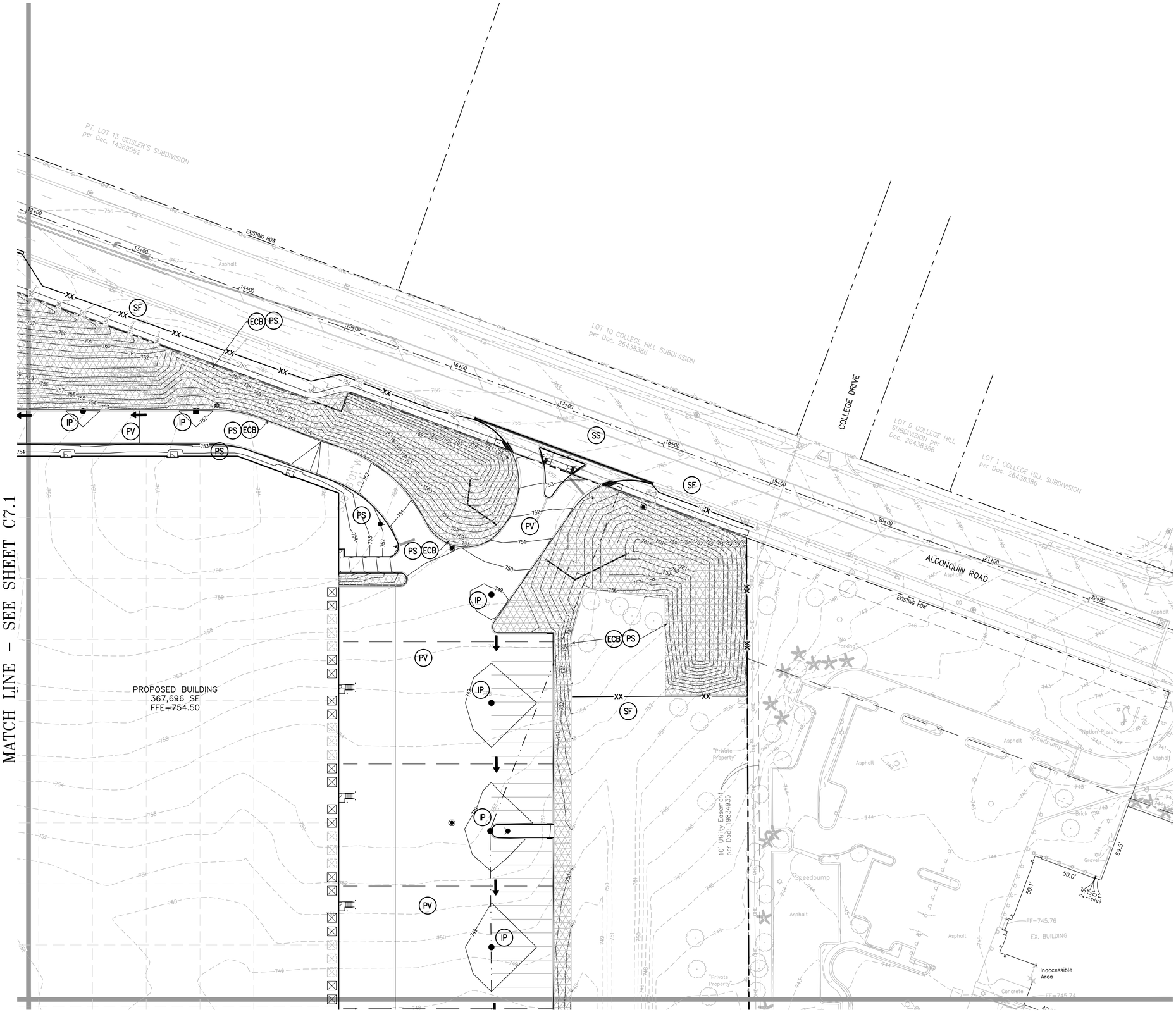

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EROSION CONTROL PLAN

623 E. ALGONQUIN ROAD

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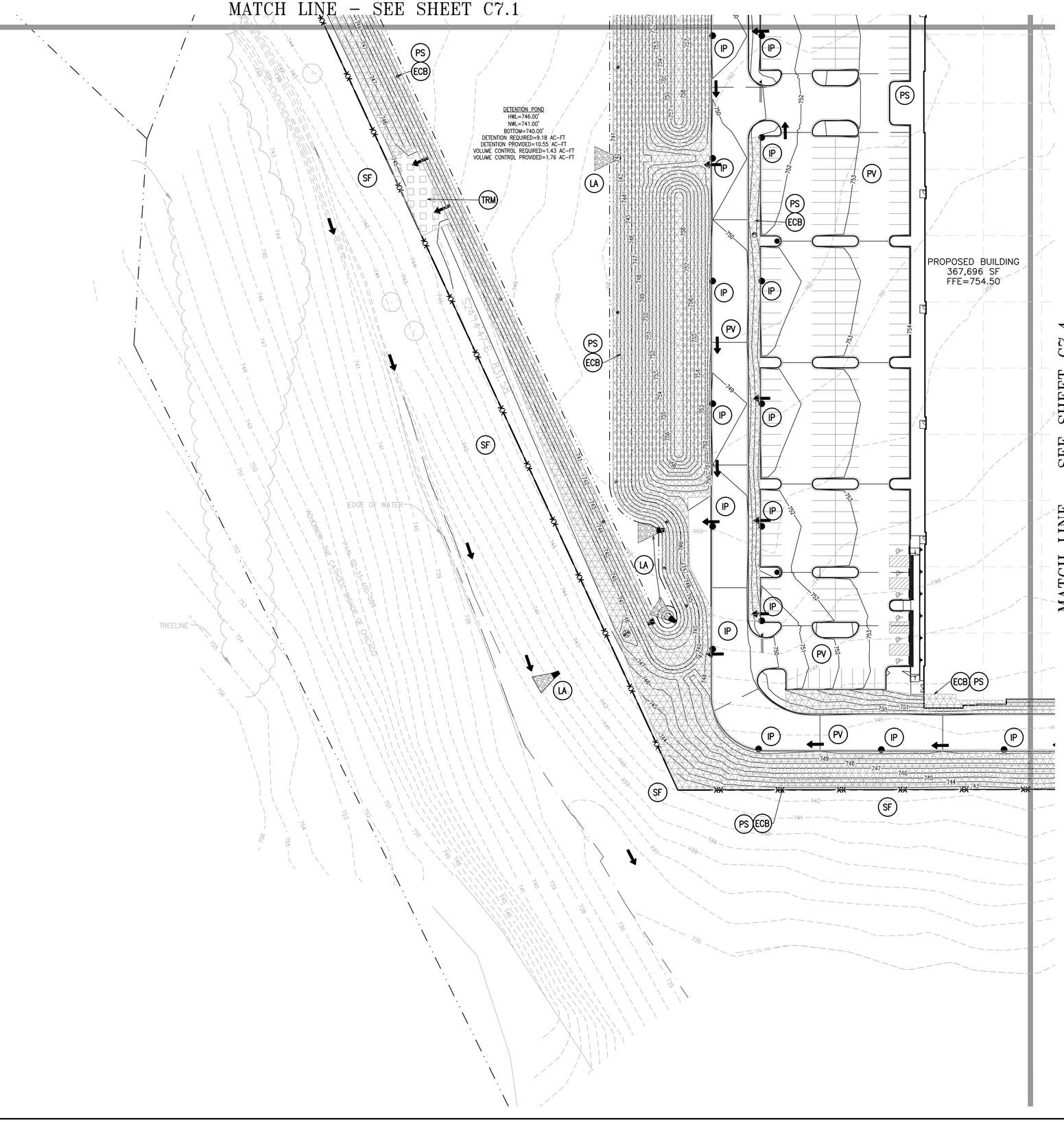
MATCH LINE – SEE SHEET C7.1



MATCH LINE – SEE SHEET C7.4

N

GRAPHIC SCALE 1"= 40'

0 20' 40' 80'

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EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

EROSION CONTROL PLAN

623 E. ALGONQUIN ROAD

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1" = 40'

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MATCH LINE - SEE SHEET C7.2

MATCH LINE - SEE SHEET C7.3

PROPOSED BUILDING
367,696 SF
FFE=754.50

EX. BUILDING
FF=745.74

LOT 1 NATION PIZZA PRODUCTS CONSOLIDATION per Doc. 0526545054

FF=745.76

FF=745.69

LOT 1 BRIESKE'S RESUBDIVISION IN SCHAUMBURG per Doc. 24449403

20' Watermain Easement per Doc. 26597898

Scaled Location per Map

5' Utility Easement per Doc. 19834935

"No Trespassing"

"Private Property"

Speedbump

Asphalt

Concrete

Concrete wall w/4' Metal Fence

Ramp

40.9'

50.1'

9.5'

5.0'

70.9'

56.8'

132.9'

28.8'

55.0'

IP

ECB PS

PV

PS ECB

SF

N

GRAPHIC SCALE 1"= 40'
0 20' 40' 80'

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EROSION CONTROL PLAN

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CONTROL MEASURE GROUP	CONTROL MEASURE	APPLICABLE	SYMBOL	CONTROL MEASURE CHARACTERISTICS	TEMPORARY	PERMANENT	REQUIRED MAINTENANCE
VEGETATIVE SOIL COVER	TEMPORARY SEEDING		TS	PROVIDES QUICK TEMPORARY COVER TO CONTROL EROSION WHEN PERMANENT SEEDING IS NOT DESIRED OR TIME OF YEAR IS INAPPROPRIATE	X		RESEED ANY FAILING AREAS
	PERMANENT SEEDING	X	PS	PROVIDES PERMANENT VEGETATIVE COVER TO CONTROL EROSION AND FILTERS SEDIMENT FROM WATER. MAY BE PART OF FINAL LANDSCAPE PLAN		X	RESEED ANY FAILING AREAS
	DORMANT SEEDING		DS	SAME AS PERMANENT SEEDING EXCEPT IS DONE DURING DORMANT SEASON. HIGHER RATES OF SEED APPLICATION ARE REQUIRED	X	X	RESEED AS NEEDED
	SODDING		SO	QUICK PERMANENT VEGETATIVE COVER USED TO CONTROL EROSION AND ESTABLISH VEGETATIVE FILTER STRIP, CAN BE USED ON STEEP SLOPES OR IN DRAINAGE WAYS OR OTHER AREAS WHERE SEEDING MAY BE DIFFICULT	X	X	N/A
NON VEGETATIVE SOIL COVER	MACHINE TRACKING		GC	PROVIDES SOIL ROUGHING TO PREVENT EROSION		X	N/A
	POLYMER		P	USED AS ADDED INSURANCE IN CONJUNCTION WITH TEMPORARY OR PERMANENT SEEDING; PROVIDES TEMPORARY COVER WHERE VEGETATION CANNOT BE ESTABLISHED	X	X	REAPPLY EVERY 1-1/2 MONTHS
	AGGREGATE COVER		AG	PROVIDES SOIL COVER ON ROADS, PARKING LOTS AND OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED. PREVENTS MUD FROM BEING PICKED UP AND CARRIED OFF-SITE	X	X	CLEAN DIRT AND SEDIMENT FROM STONE AS NEEDED
	PAVING	X	PV	PROVIDES PERMANENT COVER ON ROADS, PARKING LOTS AND OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED		X	N/A
DIVERSIONS	RIDGE DIVERSION		RD	TYPICALLY USED ABOVE SLOPES TO COLLECT RUNOFF AND TRANSFER DOWNSTREAM	X	X	CLEAN OUT SILT WHEN HALF FULL
	CHANNEL DIVERSION		CD	TYPICALLY USED TO DIVERT RUNOFF TO PREVENT EROSION	X	X	REPLACE PROTECTION AS NEEDED
	COMBINATION DIVERSION		DC	TYPICALLY USED ANYWHERE ON A SLOPE. SOIL TAKEN OUT OF A CHANNEL IS USED TO BUILD THE RIDGE	X	X	REPLACE PROTECTION AS NEEDED
	CURB AND GUTTER		CG	SPECIAL CASE OF DIVERSION USED IN CONJUNCTION WITH A ROAD TO DIVERT RUNOFF FROM AN AREA NEEDING EROSION PROTECTION		X	N/A
	BENCHES		B	SPECIAL CASE OF DIVERSION CONSTRUCTED WHEN WORKING ON CUT SLOPES TO SHORTEN LENGTH OF SLOPE AND PROVIDE SLOPE STABILITY	X	X	N/A
WATERWAYS	VEGETATIVE CHANNEL		VC	PROVIDES ADDITIONAL STABILITY TO CHANNEL AND USED WITH RELATIVELY LOW FLOW VELOCITIES	X	X	REDO ANY FAILING AREAS
	LINED CHANNEL		LC	USED WHEN VEGETATION IS INADEQUATE TO PROTECT A CHANNEL FROM HIGH FLOW VELOCITIES OR WHERE VEGETATION CANNOT BE ESTABLISHED	X	X	REPLACE PROTECTION AS NEEDED
ENCLOSED DRAINAGE	STORM SEWER	X	STM	CAN BE USED TO CONVEY SEDIMENT LADEN RUNOFF TO SEDIMENT BASIN OR IN CONJUNCTION WITH A WATERWAY	X	X	CLEAN OUT SEDIMENT AS NEEDED
	UNDER DRAIN	X	UD	USED TO LOWER WATER TABLE AND INTERCEPT GROUNDWATER FOR BETTER VEGETATION GROWTH AND SLOPE STABILITY. USED TO CARRY BASE FLOW IN WATERWAYS AND TO DEWATER SEDIMENT BASINS.	X	X	N/A
SPILLWAYS	STRAIGHT PIPE SPILLWAY		SPS	USED FOR RELATIVELY SMALL VERTICAL DROPS AND SMALL FLOWS OF WATER		X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	DROP INLET PIPE SPILLWAY		DIS	SAME AS PIPE SPILLWAY EXCEPT LARGER FLOWS AND LARGE VERTICAL DROPS CAN BE ACCOMMODATED		X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	WEIR SPILLWAY		W	USED FOR RELATIVELY SMALL VERTICAL DROPS AND FLOWS IN EXCESS OF THE STORM SEWER SYSTEM	X	X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	BOX INLET WEIR SPILLWAY		BS	SAME AS WEIR SPILLWAY EXCEPT LARGER FLOWS CAN BE ACCOMMODATED DUE TO LOWER WEIR LENGTH	X	X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
OUTLETS	LINED APRON	X	LA	PROTECTS DOWNSTREAM CHANNEL FROM HIGH VELOCITY OF FLOW DISCHARGING FROM FLARED END SECTIONS OR OTHER OUTLET STRUCTURES	X	X	REPAIR DISLODGED STONES AND EROSION UNDER RIP-RAP AS NEEDED
SEDIMENT BASINS	SEDIMENT BASIN		SB	USED TO COLLECT SMALLER PARTICLES AND TO DETAIN WATER WITH A CONTROLLED RELEASE	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
	SEDIMENT TRAP		ST	USED TO COLLECT LARGER PARTICLES AND TO DETAIN WATER WITH A CONTROLLED RELEASE	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
SEDIMENT FILTERS	SILT FENCE	X	SF	USED TO FILTER SEDIMENT FROM RUNOFF	X		CLEAN OUT SEDIMENT WHEN HALF FULL AND REPAIR AS NEEDED
	VEGETATIVE FILTER		VF	USED ALONG DRAINAGE WAYS OR PROPERTY LINES TO FILTER SEDIMENT FROM RUNOFF	X	X	REDO ANY FAILING AREAS
MUD AND DUST CONTROL	STABILIZED CONSTRUCTION ENTRANCE	X	SE	PREVENTS MUD AND SEDIMENT FROM BEING PICKED UP AND CARRIED OFF-SITE	X		SCRAPE MUD AND REPLACE STONE AS NEEDED
	DUST CONTROL	X	DT	PREVENTS DUST FROM LEAVING CONSTRUCTION SITE	X		REAPPLY AS NEEDED
EROSION CONTROL	EROSION CONTROL BLANKET	X	ECB	PROTECTS SOIL, PREVENTS SEED WASHOUT AND HELPS GROW VEGETATION	X		REPLACE AS NEEDED
	TURF REINFORCEMENT MAT	X	TRM	REINFORCES TURF IN CHANNELS, SHORELINES AND HIGH FLOW AREAS		X	REPLACE AS NEEDED
	CELLULAR CONFINEMENT		CF	USED FOR SOIL STABILIZATION	X	X	REPLACE AS NEEDED
	GABIONS		GA	USED TO PREVENT EROSION IN HIGH FLOW AREAS	X	X	REPLACE AS NEEDED
	GEOTEXTILE FABRIC		GF	USED FOR EROSION AND SEDIMENT CONTROL, SOIL SEPARATION AND SOIL STABILIZATION	X	X	REPLACE AS NEEDED
	GEOBLOCK POROUS PAVEMENT		PP	USED FOR FIRE LANE ACCESS OR VEGETATIVE PAVEMENT	X	X	REPLACE AS NEEDED
SEDIMENT CONTROL	INLET PROTECTION	X	IP	USED TO PREVENT SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM	X		REPLACE OR CLEAN WHEN CLOGGED
	SLOPE INTERRUPT		SI	USED TO BREAK UP RUNOFF FLOW ON A SLOPE	X		CLEAN OUT SEDIMENT WHEN HALF FULL
	DITCH CHECK		DIC	USED FOR SEDIMENT FLOW CONTROL IN SWALES AND CHANNELS	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
	FLOC LOG		FL	USED TO CLARIFY WATER THAT HAS SEDIMENT IN THE WATERY COLUMN	X	X	REPLACE WHEN HALF DISSOLVED
	SILT CURTAIN		SC	USED FOR SEDIMENT CONTROL IN STREAMS, PONDS, ETC.	X	X	REPLACE WHEN FABRIC IS TORN OR HOLES BEGIN TO FORM
	PUMPING DISCHARGE BAG	X	PB	USED FOR PUMP DISCHARGE LINES	X		REPLACE WHEN HALF FULL, FABRIC IS TORN OR HOLES BEGIN TO FORM
	CONCRETE WASHOUT	X	CW	USED TO WASH OUT CONCRETE TRUCKS	X		CLEAN OUT WHEN HALF FULL AND CLEAN WASHOUT GRAVEL AREA AS NEEDED
	STREET SWEEPING	X	SS	USED TO PREVENT SILT BUILD UP IN STREETS	X	X	CLEAN ONCE A WEEK OR AS NEEDED TO KEEP STREET CLEAN

SWPPP NOTES:

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, WHICH AUTHORIZES STORMWATER DISCHARGES RESULTING FROM CONSTRUCTION SITE ACTIVITIES AND THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCES AND REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITIES.

1. SITE DESCRIPTION

A. THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED CONSTRUCTION ACTIVITIES THAT ARE THE SUBJECT OF THIS PLAN:

THE SITE IMPROVEMENTS ASSOCIATED WITH THE PROPOSED INDUSTRIAL DEVELOPMENT WILL INCLUDE THE FOLLOWING: DEMOLITION, MASS GRADING, PAVEMENT CONSTRUCTION, INSTALLATION OF UTILITIES INCLUDING STORM SEWERS, SANITARY SEWERS AND WATERMAIN AND SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION, AND GRADING:

THE SEQUENCE OF THE CONSTRUCTION ACTIVITIES MAY BE AS FOLLOWS: 1) INSTALL PERIMETER CONTROLS INCLUDING SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE, 2) SITE DEMOLITION, 3) MASS GRADING, 4) UNDERGROUND UTILITIES INSTALLATION, 5) BUILDING FOUNDATIONS, 6) FINE GRADING IN PAVEMENT AREAS AND 7) PAVEMENT AND BUILDING CONSTRUCTION. THE SOIL EROSION AND SEDIMENTATION CONTROL ITEMS WILL BE CONSTRUCTED AND MAINTAINED AS NEEDED DURING THE ABOVE CONSTRUCTION ACTIVITIES.

C. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 25.15 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING, OR OTHER CONSTRUCTION ACTIVITIES IS 25.15 ACRES.

D. THE ESTIMATED RUNOFF COEFFICIENTS OF THE VARIOUS AREAS OF THE SITE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED ARE CONTAINED IN THE PROJECT DRAINAGE STUDY, TITLED STORMWATER MANAGEMENT REPORT FOR 623 E. ALGONQUIN ROAD, AS PREPARED BY JACOB & HEFNER ASSOCIATES, INC. WHICH IS HEREBY INCORPORATED BY REFERENCE IN THIS PLAN.

THE ESTIMATED PROPOSED OVERALL SITE RUNOFF COEFFICIENT IS 0.86.

E. EXISTING DATA DESCRIBING SOILS OR QUALITY OF DISCHARGE (SEE SOILS REPORT IF AVAILABLE) POOR/FAIR/GOOD/NOT AVAILABLE: GOOD

F. NAME OF RECEIVING WATER(S): SALT CREEK
NAME OF ULTIMATE RECEIVING WATER(S): DES PLAINES RIVER

G. EXISTING AREAS EXHIBITING WETLAND CHARACTERISTICS: 0.02 ACRES

2. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1.B ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO, AND ARE A PART OF, THIS PLAN.

A. EROSION AND SEDIMENT CONTROLS

(I) STABILIZATION PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BY INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING INTERIM AND PERMANENT STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

1. PERMANENT SEEDING
2. SILT FENCE
3. VEGETATIVE FILTER
4. STABILIZED CONSTRUCTION ENTRANCE
5. BARRIER FILTER

(II) STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

1. DETENTION/RETENTION POND(S)
2. STORM SEWER SYSTEM
3. RIP-RAP OUTLET PROTECTION
4. PERMANENT SEEDING

(III) DUST CONTROL: DUST CONTROL SHALL BE PROVIDED PER STANDARD B25 OF ILLINOIS URBAN MANUAL. THE FOLLOWING DUST CONTROL METHODS CAN BE USED:

1. IRRIGATION
2. SPRAY ON ADHESIVE
3. VEGETATIVE COVER
4. MULCHING

B. STORMWATER MANAGEMENT

(I) PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE CONTAINED IN IEPA'S STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND OTHER ORDINANCES LISTED IN THE SPECIFICATIONS.

THE STORMWATER POLLUTANT CONTROL MEASURES SHALL INCLUDE:

1. SILT FENCE
2. BARRIER FILTERS
3. STORM SEWER SYSTEM
4. DETENTION/RETENTION POND(S)

(II) VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., MAINTENANCE OF HYDROLOGIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

STORMWATER MANAGEMENT CONTROL INCLUDES:

1. RIP-RAP FOR OUTLET PROTECTION
2. DITCH CHECKS

C. OTHER CONTROLS

(I) WASTE DISPOSAL: THE SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS, MACHINERY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO ACQUIRE ANY PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON THE SITE WILL NOT BE PERMITTED. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

(II) THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

ANY AND ALL SANITARY SEWAGE SHALL BE DISCHARGED TO THE EXISTING AND/OR PROPOSED SANITARY SEWER SYSTEM CONSTRUCTED PER IEPA AND LOCAL STANDARDS.

D. APPROVED STATE OR LOCAL PLANS

(I) THE MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS CONTAINED IN THIS PLAN ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL DATED OCTOBER 1987, ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION PLAN, AND THE MUNICIPAL SUBDIVISION ORDINANCE. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION CONTROL SITE PLANS, STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER THIS PERMIT, INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

3. MAINTENANCE

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN AND THE STANDARD SPECIFICATIONS.

A. STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. THIS WILL BE DONE BY TOP DRESSING WITH ADDITIONAL STONES, REMOVING AND REPLACING TOP LAYER OF STONES OR WASHING THE ENTRANCE. THE SEDIMENT WASHED ON THE PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY.

B. VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, SODDING, VEGETATIVE CHANNELS, VEGETATIVE FILTER, ETC. SHALL BE MAINTAINED PERIODICALLY AND SUPPLIED WITH ADEQUATE WATERING AND FERTILIZER. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEEDED AS NECESSARY.

C. SEDIMENTATION BASINS/TRAPS: SEDIMENT SHALL BE REMOVED WHEN 40-50 PERCENT OF THE TOTAL ORIGINAL CAPACITY OF THE SEDIMENT BASIN/TRAP IS FILLED WITH SEDIMENT. IN NO CASE SHALL THE SEDIMENT BE BUILT UP TO MORE THAN 1 FOOT BELOW THE CREST ELEVATION. AT THIS STAGE, THE BASIN SHALL BE CLEANED OUT TO RESTORE ITS ORIGINAL VOLUME.

D. SILT FENCE: THE DAMAGED SILT FENCE SHALL BE RESTORED TO MEET THE STANDARDS OR REMOVED AND REPLACED AS NEEDED.

E. STRAW BALE BARRIER FILTERS: THE STRAW BALE BARRIER FILTER SHALL BE INSPECTED FREQUENTLY AND SHALL BE REPAIRED OR REMOVED AND REPLACED AS NEEDED.

F. RIP-RAP OUTLET PROTECTION: RIP-RAP OUTLET PROTECTION SHALL BE INSPECTED AFTER HIGH FLOWS FOR ANY SCOUR BENEATH THE RIP-RAP OR FOR STONES THAT HAVE BEEN DISLODGED. IT SHALL BE REPAIRED IMMEDIATELY AS NEEDED.

4. INSPECTIONS

THE OWNER OR OWNER'S REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4.B. SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G OF THE GENERAL NPDES PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL NPDES PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ALL PACKAGES:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND AVENUE, EAST
SPRINGFIELD, IL 62794

ALL LETTERS:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
POST OFFICE BOX 19276
SPRINGFIELD, IL 62794-9276

5. NON-STORMWATER DISCHARGE

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT MAY BE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY ADDRESSED IN THIS PLAN ARE DESCRIBED BELOW:

1. WATER MAIN FLUSHING
2. FIRE HYDRANT FLUSHING
3. WATERING FOR DUST CONTROL
4. IRRIGATION DRAINAGE FOR VEGETATIVE GROWTH FOR SEEDING, ETC.

THE FIRE HYDRANT AND WATER MAIN SHALL NOT BE FLUSHED DIRECTLY ONTO ANY EXPOSED PAVEMENT AREA OR SUBGRADE. HOSES SHALL BE USED TO DIRECT THE FLOW INTO THE STORM SEWER SYSTEM.

NPDES GENERAL CONTRACTOR CERTIFICATION

THIS CERTIFICATION STATEMENT IS A PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED BELOW, IN ACCORDANCE WITH NPDES GENERAL PERMIT NO. ILR10 AS ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:

PROJECT TITLE: 623 E. ALGONQUIN ROAD

PROJECT LOCATION: PALATINE (MUNICIPALITY) COOK (COUNTY) ILLINOIS (STATE)

CONTRACTOR: _____

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. ILR10 THAT AUTHORIZES STORMWATER DISCHARGES RESULTING FROM CONSTRUCTION ACTIVITIES AND THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP).

SIGNATURE _____ DATE _____

NPDES SUBCONTRACTOR CERTIFICATIONS

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. ILR10 AND THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND AGREE TO FOLLOW THE BEST MANAGEMENT PRACTICES DESCRIBED THEREIN FOR ANY WORK PERFORMED ON SITE.

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
SIGNATURE _____ DATE _____

STORMWATER POLLUTION PREVENTION CONSTRUCTION AND MAINTENANCE SCHEDULE

EROSION/SEDIMENT CONTROL MEASURE	INSTALLATION SEQUENCE	MAINTENANCE FREQUENCY
TEMPORARY DIVERSION SWALE AND SILT TRAPS	PRIOR TO CLEARING AND GRADING	AS NEEDED
STONE STABILIZED CONSTRUCTION ENTRANCE	PRIOR TO CLEARING AND GRADING	AS NEEDED
SILT FENCE	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
EXISTING INLET PROTECTION	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TREE PROTECTION	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TEMPORARY DIVERSIONS	ALONG WITH ROUGH GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TEMPORARY SEEDING	AFTER ROUGH GRADING	WATER AS NEEDED
PERMANENT SEEDING, SOD, LANDSCAPING	AFTER FINISH GRADING	WATER AS NEEDED
EROSION CONTROL MATTING	AFTER FINISH GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
INLET PROTECTION	AFTER EACH INLET IS CONSTRUCTED	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
REMOVAL OF EROSION/SEDIMENT CONTROL MEASURES	AFTER ALL DISTURBED AREAS ARE STABILIZED	N/A

SEEDING CHART

STABILIZATION TYPE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			A →			* →	* →		→			
DORMANT SEEDING	B →										B →	
TEMPORARY SEEDING			C →				D →		→			
SODDING			E ** →						→			
MULCHING	F →											→

A. KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE

B. KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + 2 TONS STRAW MULCH/ACRE

C. SPRING OATS 100 LBS/ACRE

D. WHEAT OR CEREAL RYE 150 LBS/ACRE

E. SOD

F. STRAW MULCH 2 TONS/ACRE

* IRRIGATION NEEDED DURING JUNE AND JULY

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

STORMWATER POLLUTION PREVENTION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

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N.T.S.

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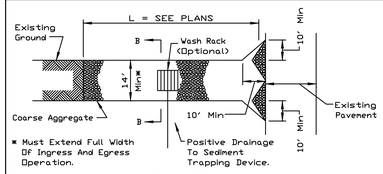
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

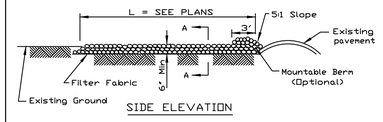
RIP-RAP DIMENSION TABLE

PIPE DIAMETER (IN)	LENGTH OF APRON La (FT)	WIDTH OF APRON W1 (FT)	WIDTH OF APRON W2 (FT)	DEPTH OF RIP-RAP d (IN)	IDOT GRADATION RR-	VOLUME OF RIP-RAP (CYD)
12	10	3	13	15	3	3.7
15	10	3.75	13.75	15	3	4.1
18	15	4.5	19.5	20	4	11.1
24	18	6	24	20	4	16.7
30	20	7.5	27.5	20	4	21.6
36	24	9	33	28	5	43.6
42	27	10.5	37.5	30	5	60.0
48	27	12	39	32	6	68.0
54	27	13.5	40.5	32	6	72.0
60	36	15	51	32	6	118.0
72	44	18	62	32	6	174.0

SE STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



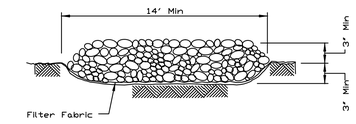
SIDE ELEVATION

NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

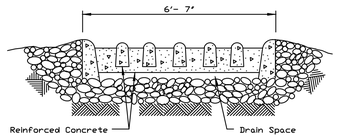
REFERENCE		STANDARD DWG. NO.
Project		IL-630
Designed	Date	SHEET 1 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

NRCS Natural Resources Conservation Service

SE STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A

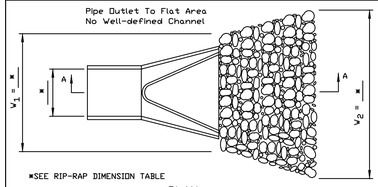


SECTION B-B

REFERENCE		STANDARD DWG. NO.
Project		IL-630
Designed	Date	SHEET 2 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

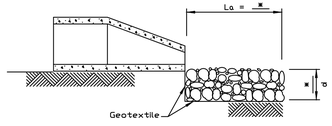
NRCS Natural Resources Conservation Service

LA PIPE OUTLET TO FLAT AREA



*SEE RIP-RAP DIMENSION TABLE

PLAN



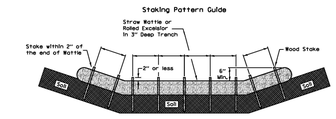
SECTION A-A

NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall shall meet the IDOT requirements for the following gradation RR - * - , Quality - .
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

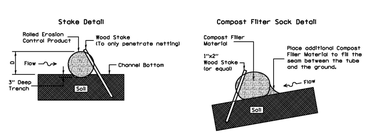
REFERENCE		STANDARD DWG. NO.
Project		IL-610
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 9-15-93
Approved	Date	

NRCS Natural Resources Conservation Service

DIC ROLLED EROSION CONTROL PRODUCTS



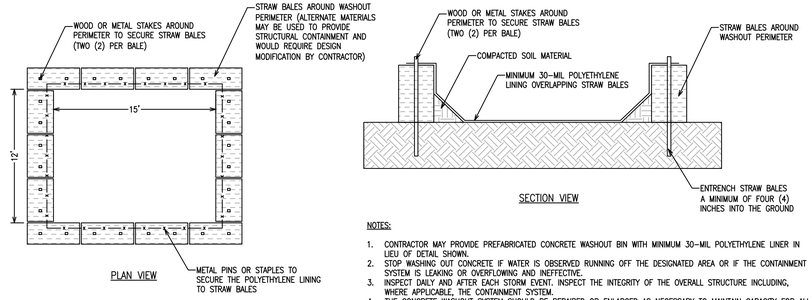
Notes:
1. Overlap minimum is the diameter of the roll.
2. 4' spacing for wattles.
3. 2' spacing for rolled excelsior.
4. Or space according to manufacturer's specifications.



When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

Notes:
1. Drawings are not to scale.
2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
4. Stakes shall not extend above the straw wattle more than 2".
5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

REFERENCE		STANDARD DWG. NO.
Project		IUM-514
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 8-19-11
Approved	Date	



PLAN VIEW

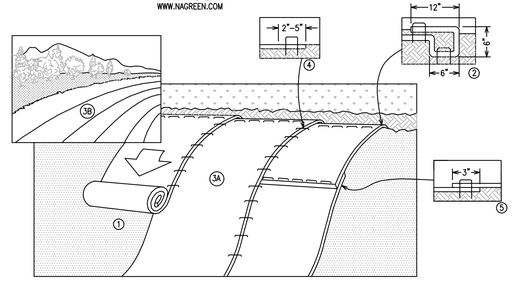
SECTION VIEW

NOTES:
1. CONTRACTOR MAY PROVIDE PREFABRICATED CONCRETE WASHOUT BIN WITH MINIMUM 30-MIL POLYETHYLENE LINER IN LIEU OF DETAIL SHOWN.
2. STOP WASHING OUT CONCRETE IF WATER IS OBSERVED RUNNING OFF THE DESIGNATED AREA OR IF THE CONTAINMENT SYSTEM IS LEAKING OR OVERFLOWING AND INEFFECTIVE.
3. INSPECT DAILY AND AFTER EACH STORM EVENT. INSPECT THE INTEGRITY OF THE OVERALL STRUCTURE INCLUDING, WHERE APPLICABLE, THE CONTAINMENT SYSTEM.
4. THE CONCRETE WASHOUT SYSTEM SHOULD BE REPAIRED OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR ALL CONCRETE WASTE.

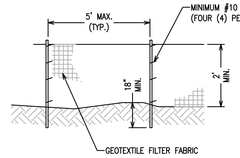
CW CONCRETE WASHOUT DETAIL

NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED (NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN).
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.
6. ONLY BIODEGRADABLE STAPLES SHALL BE USED (NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's).

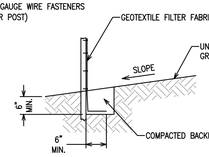
NORTH AMERICAN GREEN
1-800-772-2040
WWW.NAGREEN.COM



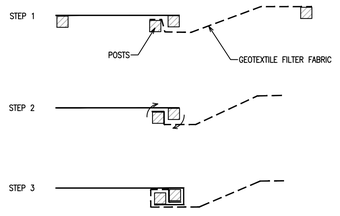
ECB EROSION CONTROL BLANKET DETAIL



ELEVATION



FABRIC ANCHOR DETAIL

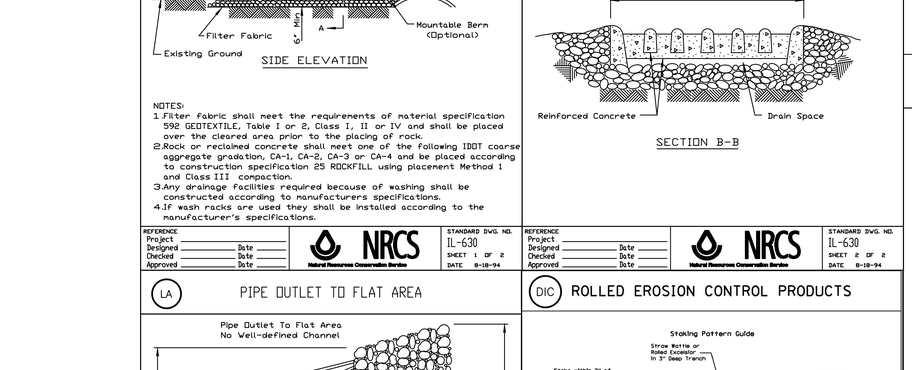


ATTACHING TWO SILT FENCES

NOTES:
1. TEMPORARY SILT FENCE SHALL BE INSTALLED AROUND PROJECT PERIMETER PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
2. GEOTEXTILE FILTER FABRIC SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. FENCE POSTS SHALL BE EITHER STANDARD STEEL OR WOOD POSTS WITH A MINIMUM CROSS SECTIONAL AREA OF THREE (3) SQUARE INCHES.

NOTES:
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. DRIVE BOTH POSTS A MINIMUM OF EIGHTEEN (18) INCHES INTO THE GROUND AND BURY THE FLAP.

SF SILT FENCE DETAIL

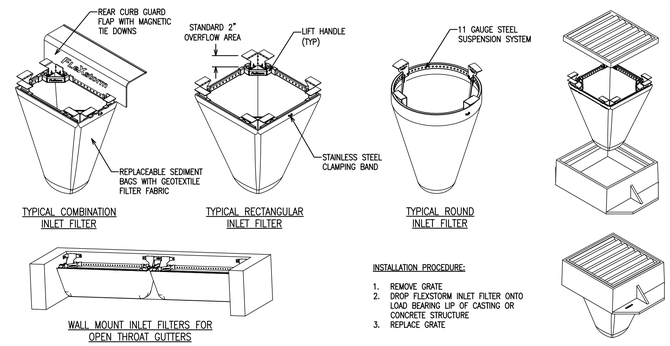


NOTES:
1. ALL PIPES AND FITTINGS SHALL BE P.V.C. OR H.D.P.E UNLESS OTHERWISE NOTED.
2. TOP OF PERFORATED RISER PIPE SHALL BE SET 1'-0" BELOW DETENTION BASIN EMERGENCY OVERFLOW ELEVATION INDICATED ON THE PLANS.
3. TEMPORARY SEDIMENT BASIN AND RISER PIPE ASSEMBLY SHALL BE CONTINUOUSLY MAINTAINED DURING CONSTRUCTION OPERATIONS TO ENSURE PROPER FUNCTIONALITY. AT A MINIMUM, THE SEDIMENT BASIN AND RISER PIPE ASSEMBLY SHALL BE INSPECTED PRIOR TO FORECASTED RAIN EVENTS, AFTER EACH RAINFALL EVENT OF 0.5" OR GREATER AND DAILY DURING EXTENDED RAIN EVENTS. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED PERIODICALLY AS WARRANTED BY SITE CONDITIONS.

TEMPORARY SEDIMENT BASIN OUTLET DETAIL

FLEXSTORM
1-866-287-8655
WWW.INLETFILTERS.COM.COM

IPP FLeXstorm Inlet Filter Specifications			
Material Property	*Test Method*	*Value (min ave)*	
> Inner Filter Bag Specs (2 ft² min vol)		Non-Woven	Woven Mono
Grab Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture Strength	ASTM D 4833	65 lbs	90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (.212 mm)	40 sieve (.425 mm)
Permittivity	ASTM D 4491	2.0 /sec	2.1/sec
Water Flow Rate	ASTM D 4491	145 gpm/sqft	145 gpm/sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3776	4.55 oz/sqyd +/- 15%	
Thickness	ASTM D 1777	.040 +/- .005	
> Frame Construction			
A36 Structural Steel; 11 Guage; Zinc Plated	ASTM A 576	*Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi*	



TYPICAL COMBINATION INLET FILTER

TYPICAL RECTANGULAR INLET FILTER

TYPICAL ROUND INLET FILTER

WALL MOUNT INLET FILTERS FOR OPEN THROAT GUTTERS

INSTALLATION PROCEDURE:
1. REMOVE GRATE
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

IP INLET PROTECTION DETAIL

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

STORMWATER POLLUTION PREVENTION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
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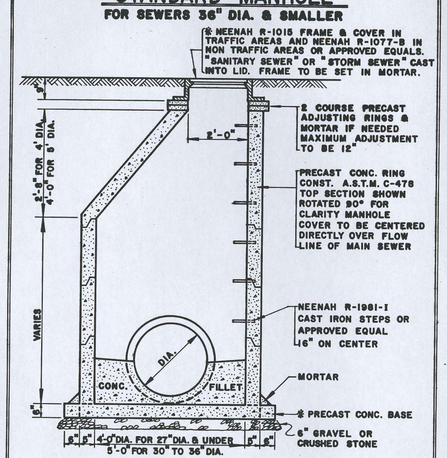
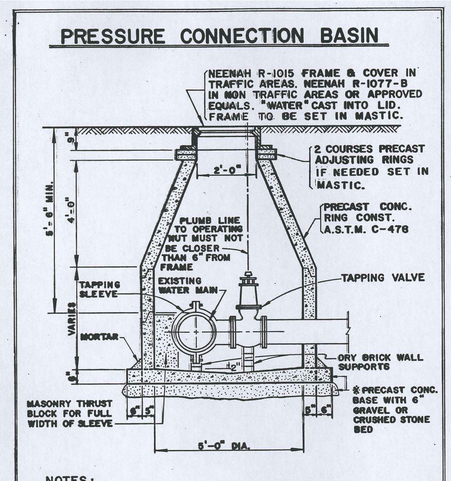
STANDARD MANHOLE
FOR SEWERS 36" DIA. & SMALLER



NOTES:
1. WHEN FINISHED GRADE ELEV. PROHIBITS USE OF CONE, INSTALL FLAT SLAB TOP CONFORMING TO ILL. DIV. OF HIGHWAYS STD. 2354.
2. PIPE OPENINGS TO BE CAST INTO WALL.
3. ※ IT IS PREFERRED THAT PRECAST CONC. BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
4. PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH RUBBER RING GASKET.

LTW JUNE 1982

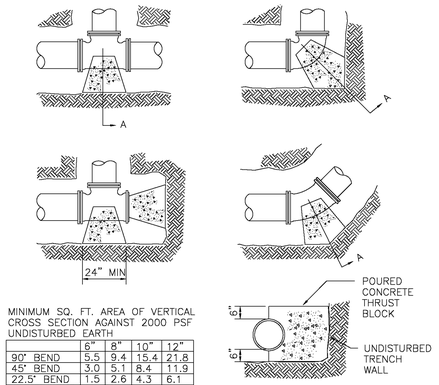
PRESSURE CONNECTION BASIN



NOTES:
1. PIPE OPENINGS TO BE CAST INTO WALL.
2. ※ IT IS PREFERED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
3. PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH MASTIC SEALER.

01-05-94 LWU

THRUST BLOCK INSTALLATION

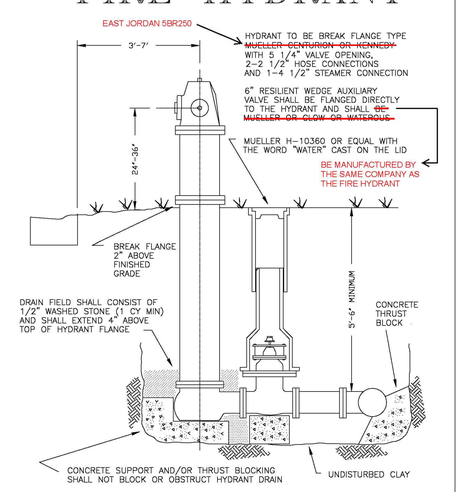


MINIMUM SQ. FT. AREA OF VERTICAL CROSS SECTION AGAINST 2000 PSF UNDISTURBED EARTH

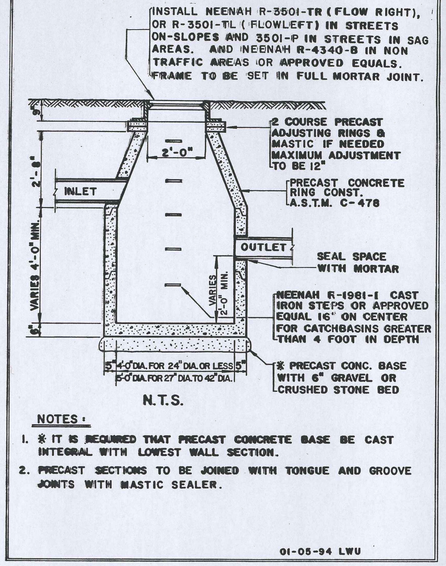
	6"	8"	10"	12"
90° BEND	5.5	9.4	15.4	21.8
45° BEND	3.0	5.1	8.4	11.9
22.5° BEND	1.5	2.6	4.3	6.1
11.25° BEND	1.5	2.6	4.3	6.1
TEE	3.9	6.7	10.9	15.5

THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS AND AT POINTS SPECIFIED BY THE ENGINEER SHALL BE CLASS "X" CONCRETE, A MINIMUM OF 12" THICK, PLACED BETWEEN SOLID GROUND AND FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS. THRUST BLOCKS SHALL BE PLACED AT BENDS OF 11-1/4 DEGREES OR MORE. RETAINER GLANDS MAY BE USED IN PLACE OF THRUST BLOCKS. THE COST OF THRUST BLOCKS OR RETAINER GLANDS SHALL BE INCLUDED IN THE COST OF THE FITTING.

FIRE HYDRANT



STANDARD CATCHBASIN

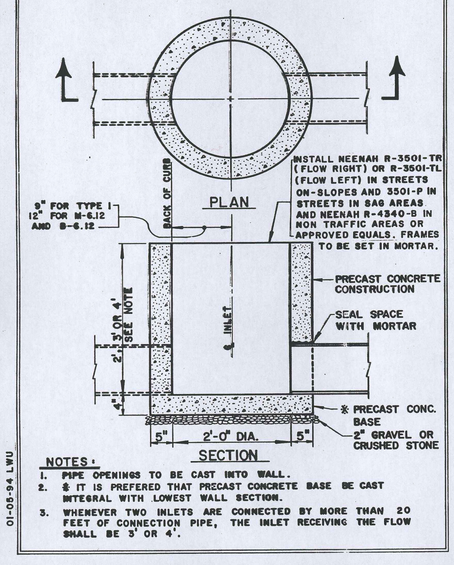


N.T.S.

NOTES:
1. ※ IT IS REQUIRED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
2. PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH MASTIC SEALER.

01-05-94 LWU

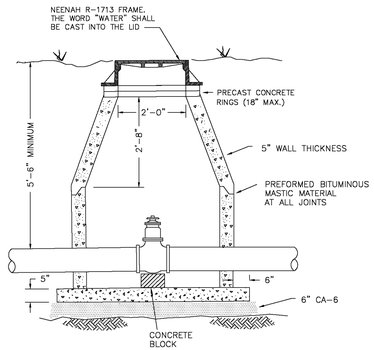
SPECIAL INLET
2', 3' AND 4' DEPTH



NOTES:
1. PIPE OPENINGS TO BE CAST INTO WALL.
2. ※ IT IS PREFERED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LOWEST WALL SECTION.
3. WHENEVER TWO INLETS ARE CONNECTED BY MORE THAN 20 FEET OF CONNECTION PIPE, THE INLET RECEIVING THE FLOW SHALL BE 3' OR 4'.

01-05-94 LWU

WATER VALVE VAULT



INSIDE DIAMETER SHALL BE 48" FOR WATER MAIN 6" THROUGH 10" AND 60" FOR WATER MAIN 12" AND OVER AND PRESSURE CONNECTIONS

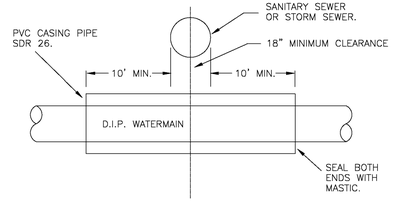
VALVES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO AWWA C509 AND SHALL BE MUELLER OR WATEROUS

WATERMAIN CONFLICTS

CONFLICTS OCCUR WHERE WATERMAINS PASS WITHIN 18" OVER OR PASS UNDER A SANITARY AND/OR STORM SEWER AND SHALL BE PROVIDED FOR AS FOLLOWS:

SANITARY SEWER CONFLICTS:

PROVIDE WATERMAIN EQUIVALENT PIPE AND JOINTS FOR THE SANITARY SEWER 10 FT. EITHER SIDE OF WATERMAIN CROSSING USING MISSION TYPE COUPLINGS TO MAKE THE TRANSITION BETWEEN THE TWO MATERIALS, OR ENCASE WATERMAIN AS SHOWN BELOW. REGARDLESS OF METHOD, THERE SHALL BE A MINIMUM 18" CLEARANCE BETWEEN TOP OF WATERMAIN AND THE BOTTOM OF THE SANITARY SEWER.



WATERMAIN DIAM.	CASING PIPE DIAM.
6"	12"
8"	15"
10"	18"
12"	18"

STORM SEWER CONFLICTS:

PROVIDE STORM SEWER PIPE WITH O-RING GASKET JOINTS CONFORMING TO ASTM C-443 10 FT. EITHER SIDE OF WATERMAIN CONFLICTS AND PROVIDE A MINIMUM CLEARANCE BETWEEN TOP OF WATERMAIN AND THE BOTTOM OF THE STORM SEWER.

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

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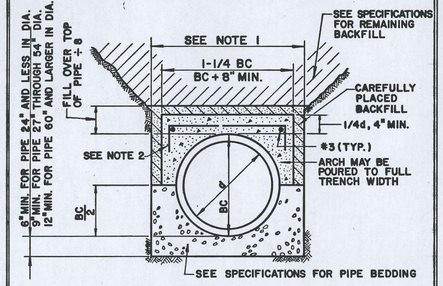
CLASS "A" PIPE BEDDING



TYPICAL TRENCH CROSS-SECTION
N.T.S.

NOTES:
1. FOR ALLOWABLE TRENCH WIDTH SEE SPECIFICATIONS.
2. AREA TRANSVERSE STEEL = 0.004 x AREA CONCRETE ARCH AT CROWN; MAXIMUM SPACING = 12".
3. MAINTAIN ARCH THICKNESS OVER BELL AND BARREL.
4. MINIMUM CONCRETE COMPRESSIVE STRENGTH = 2,500 PSI.
5. DESIGN LOAD FACTOR = 3.4.
6. CAREFULLY PLACED BACKFILL SHALL BE FINELY DIVIDED MATERIAL FREE FROM DEBRIS OR STONES MEETING OR EXCEEDING SPECIFICATIONS FOR REMAINING BACKFILL.

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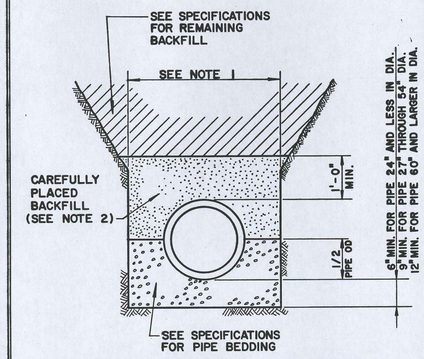
CLASS "B" PIPE BEDDING



TYPICAL TRENCH CROSS-SECTION
N. T. S.

NOTES:
1. FOR ALLOWABLE TRENCH WIDTH SEE SPECIFICATIONS.
2. CAREFULLY PLACED BACKFILL SHALL BE CAREFULLY COMPACTED, FINELY DIVIDED, JOB EXCAVATED MATERIAL, FREE FROM DEBRIS, STONES, ORGANIC MATTER AND FROZEN MATERIAL, COMPACTED TO 90% MAXIMUM DENSITY, ASTM D1557. GRANULAR FILL MAY BE SUBSTITUTED FOR JOB EXCAVATED MATERIAL.

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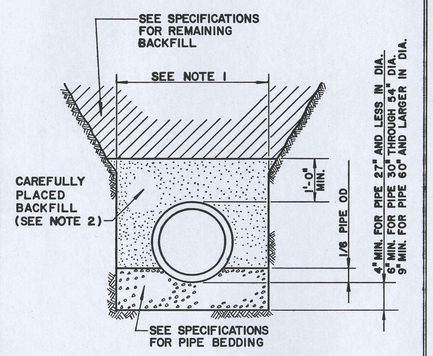
CLASS "C" PIPE BEDDING

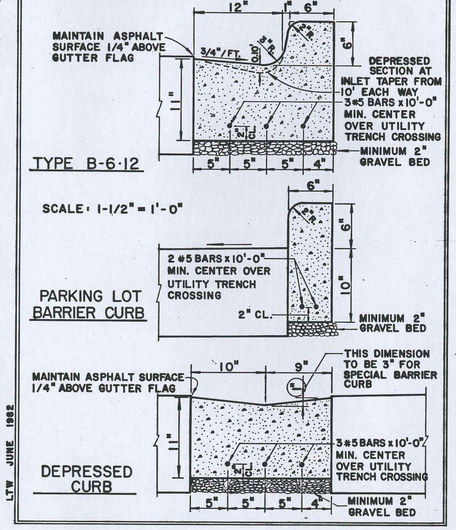


TYPICAL TRENCH CROSS-SECTION
N. T. S.

NOTES:
1. FOR ALLOWABLE TRENCH WIDTH SEE SPECIFICATIONS.
2. CAREFULLY PLACED BACKFILL SHALL BE LIGHTLY COMPACTED, FINELY DIVIDED, JOB EXCAVATED MATERIAL, FREE FROM DEBRIS, STONE AND FROZEN MATERIAL. FILL ALL VOIDS AROUND PIPE BY SLICING WITH SHOVEL. GRANULAR FILL MAY BE SUBSTITUED FOR JOB EXCAVATED MATERIAL.

LTW JUNE 1982

CONCRETE CURB AND GUTTER



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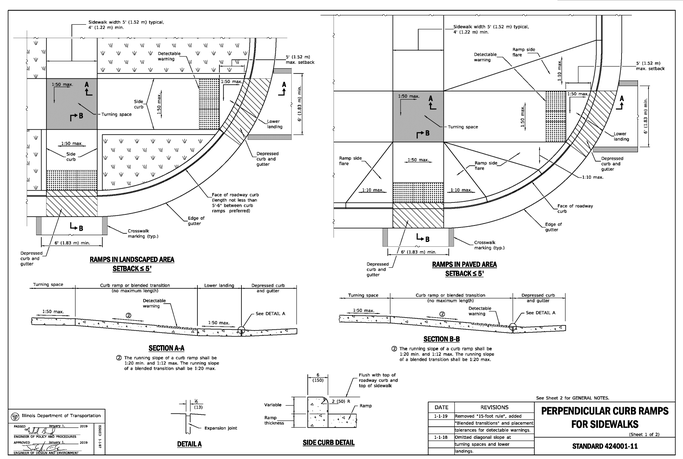

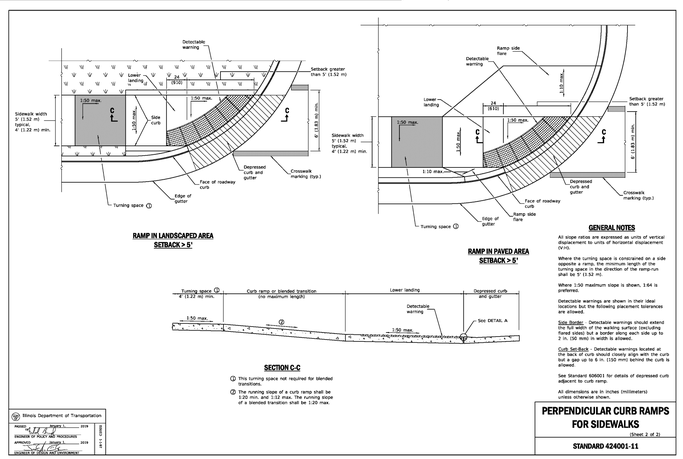

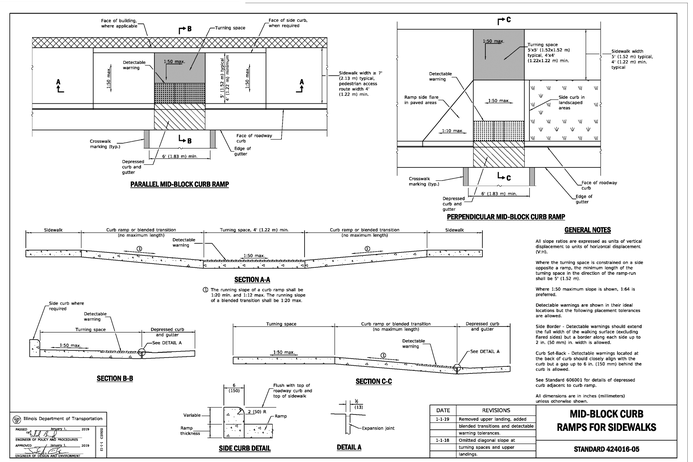

DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
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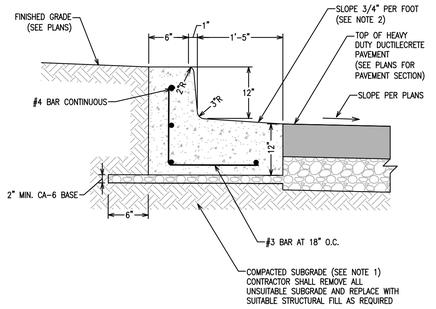
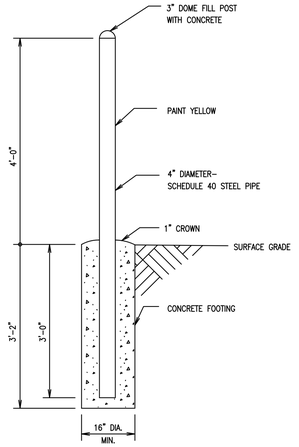


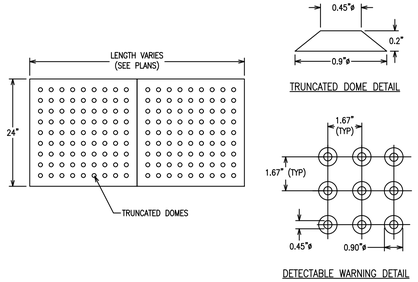
NOTES:

1. SEE GEOTECHNICAL ENGINEERING REPORT FOR SUBGRADE COMPACTION AND PREPARATION REQUIREMENTS.
2. SEE GRADING PLANS FOR PROPOSED GUTTER SLOPE DIRECTION.
3. BASE COURSE SHALL BE IDOT CA-6 CRUSHED STONE.
4. CONTROL JOINTS SHALL BE INSTALLED AT TEN (10) FEET ON CENTER UNLESS OTHERWISE NOTED.
5. EXPANSION JOINTS SHALL BE INSTALLED AT FIFTY (50) FEET ON CENTER, CURB RADIUS POINTS, ALL LOCATIONS WHERE NEW CONCRETE CURBS ADJOIN EXISTING CONCRETE AND FIVE (5) FEET ON EACH SIDE OF ALL UTILITY CASTINGS ADJACENT TO NEW CONCRETE.

12" TRAILER PARKING CURB DETAIL



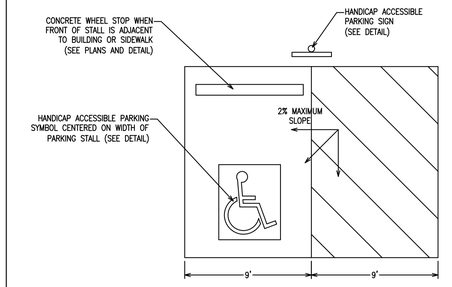
BOLLARD DETAIL



NOTES:

1. DETECTABLE WARNINGS SHALL BE VITRIFIED POLYMER COMPOSITE TILES BY ARMOR-TILE OR APPROVED EQUAL.
2. TILES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES AND SHALL BE COLORED RED UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
3. TILES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

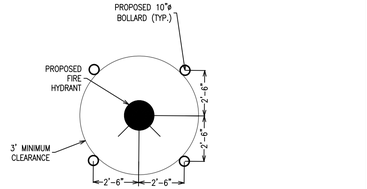
DETECTABLE WARNING DETAIL



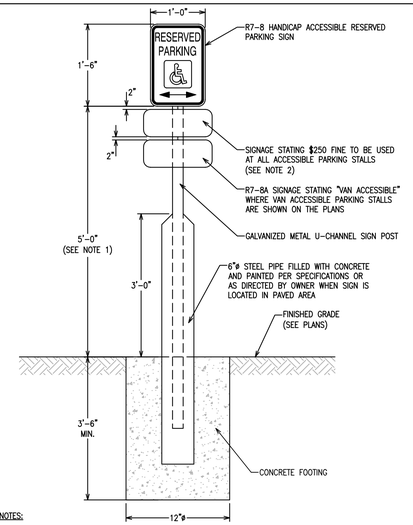
NOTES:

1. ALL PAVEMENT STRIPING SHALL BE WHITE UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
2. MAXIMUM SLOPE WITHIN ALL HANDICAP ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 2% IN ANY DIRECTION.

HANDICAP ACCESSIBLE PARKING STALL DETAIL



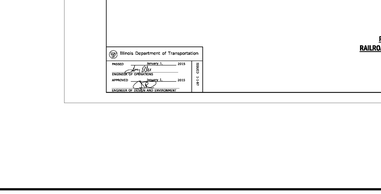
BOLLARD PLACEMENT ADJACENT TO FIRE HYDRANT

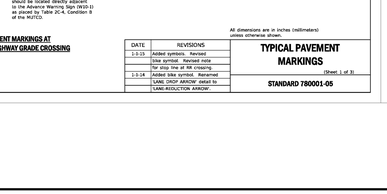


NOTES:

1. ACCESSIBLE PARKING SIGNS SHALL BE CENTERED AT THE FRONT OF EACH PARKING STALL AND INSTALLED WITH A MINIMUM HEIGHT OF FIVE (5) FEET ABOVE FINISHED PAVEMENT OR GRADE ELEVATION UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
2. CONTRACTOR SHALL VERIFY FINE AMOUNT WITH LOCAL BUILDING CODES PRIOR TO INSTALLATION.

HANDICAP ACCESSIBLE PARKING SIGN DETAIL



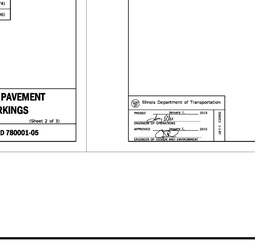


CONCRETE WHEEL STOP DETAIL

NOTES:

1. TRAFFIC SIGN POSTS SHALL BE LOCATED A MINIMUM OF 2' FROM FACE OF CURB AND SIGNS SHALL BE INSTALLED WITH A MINIMUM HEIGHT OF FIVE (5) FEET ABOVE FINISHED PAVEMENT OR GRADE ELEVATION UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.
2. TRAFFIC SIGNS SHALL BE IN FURNISHED IN ACCORDANCE WITH THE LATEST U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

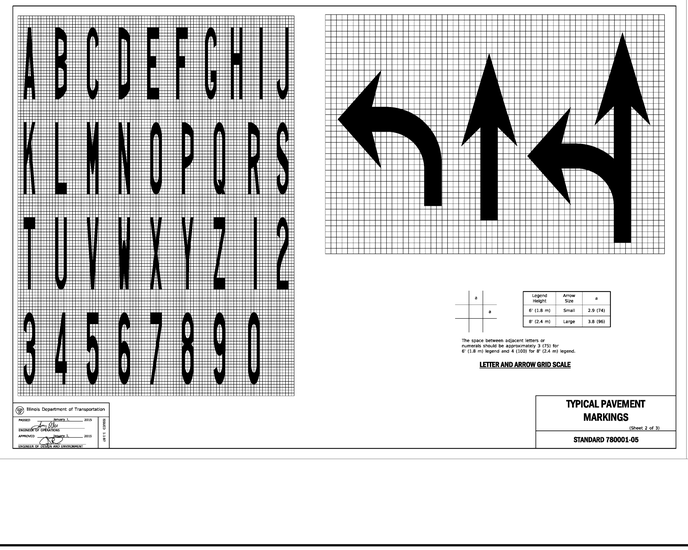
TRAFFIC SIGN DETAIL – GRASS AREA

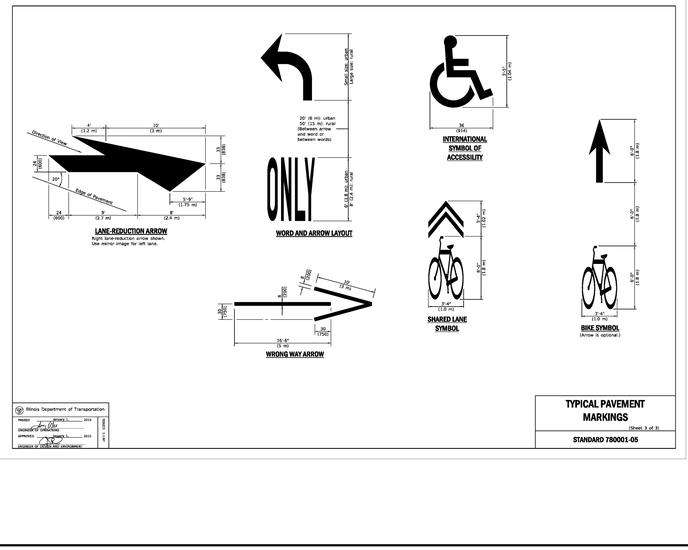


NOTE:

1. SYMBOL SHALL BE CENTERED ON WIDTH OF PARKING STALL AND PAINTED WHITE ON BLUE BACKGROUND UNLESS OTHERWISE DIRECTED BY LOCAL BUILDING CODES.

HANDICAP ACCESSIBLE PARKING SYMBOL DETAIL





No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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N.T.S.

C9.2

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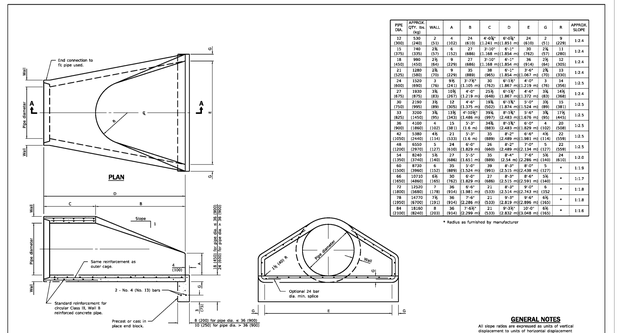
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



PIPE DIA.	APPROX. WEIGHT* lbs.	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12 (300)	530 (240)	2 (51)	4 (102)	24 (610)	4'-6⅜" (1,381 mm)	9'-0⅜" (2,753 mm)	24 (610)	2 (51)	9 (229)	1:2.4
15 (380)	740 (335)	2½ (64)	5 (127)	33 (838)	5'-8¼" (1,734 mm)	11'-4¼" (3,454 mm)	30 (762)	2½ (64)	11 (279)	1:2.4
18 (460)	1000 (455)	2½ (64)	6 (152)	36 (914)	6'-10" (2,083 mm)	13'-7" (4,140 mm)	36 (914)	2½ (64)	12 (305)	1:2.4
21 (530)	1300 (590)	3 (76)	7 (178)	42 (1067)	8'-0" (2,438 mm)	15'-10" (4,826 mm)	42 (1067)	3 (76)	14 (356)	1:2.4
24 (610)	1520 (690)	3 (76)	8 (203)	48 (1219)	9'-1⅛" (2,772 mm)	18'-1⅛" (5,512 mm)	48 (1219)	3 (76)	16 (406)	1:2.4
27 (690)	1830 (830)	3½ (89)	9'-0" (2,743 mm)	21'-5" (6,528 mm)	9'-1⅝" (2,787 mm)	20'-5⅝" (6,239 mm)	4'-6" (1,372 mm)	3½ (89)	18 (457)	1:2.4
30 (760)	2150 (975)	3½ (89)	10'-0" (3,048 mm)	24'-0" (7,315 mm)	10'-1⅛" (3,073 mm)	23'-1⅛" (7,039 mm)	5'-0" (1,524 mm)	3½ (89)	20 (508)	1:2.4
36 (915)	4160 (1885)	4 (102)	12'-0" (3,658 mm)	28'-0" (8,534 mm)	12'-1⅛" (3,683 mm)	27'-1⅛" (8,255 mm)	6'-0" (1,829 mm)	4 (102)	24 (610)	1:2.4
42 (1065)	5360 (2430)	4½ (114)	14'-0" (4,267 mm)	32'-0" (9,754 mm)	14'-1⅛" (4,292 mm)	31'-1⅛" (9,471 mm)	7'-0" (2,134 mm)	4½ (114)	28 (711)	1:2.4
48 (1220)	6500 (2950)	5 (127)	16'-0" (4,877 mm)	36'-0" (10,973 mm)	16'-1⅛" (4,902 mm)	35'-1⅛" (10,688 mm)	8'-0" (2,438 mm)	5 (127)	32 (813)	1:2.4
60 (1520)	8720 (3955)	6 (152)	20'-0" (6,096 mm)	44'-0" (13,411 mm)	20'-1⅛" (6,121 mm)	43'-1⅛" (13,128 mm)	10'-0" (3,048 mm)	6 (152)	40 (1016)	1:2.4
66 (1675)	10710 (4860)	6½ (165)	22'-0" (6,706 mm)	48'-0" (14,630 mm)	22'-1⅛" (6,731 mm)	47'-1⅛" (14,348 mm)	11'-0" (3,353 mm)	6½ (165)	44 (1118)	1:2.4
72 (1830)	12970 (5885)	7 (178)	24'-0" (7,315 mm)	52'-0" (15,850 mm)	24'-1⅛" (7,340 mm)	51'-1⅛" (15,567 mm)	12'-0" (3,658 mm)	7 (178)	48 (1219)	1:2.4
78 (1980)	14770 (6700)	7½ (191)	26'-0" (7,925 mm)	56'-0" (17,069 mm)	26'-1⅛" (7,950 mm)	55'-1⅛" (16,787 mm)	13'-0" (3,962 mm)	7½ (191)	52 (1321)	1:2.4
84 (2135)	16710 (7580)	8 (203)	28'-0" (8,534 mm)	60'-0" (18,288 mm)	28'-1⅛" (8,560 mm)	59'-1⅛" (18,006 mm)	14'-0" (4,267 mm)	8 (203)	56 (1422)	1:2.4

* Radius as furnished by manufacturer

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

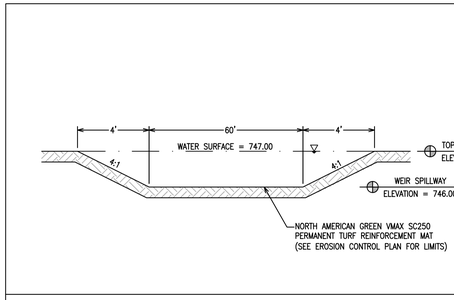
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation — APPROVED: Ralph E. Anthony — DESIGNER OF RECORD AND ORIGINATOR — APPROVED: Christine M. Reed — DESIGNER OF RECORD AND ORIGINATOR — 2021

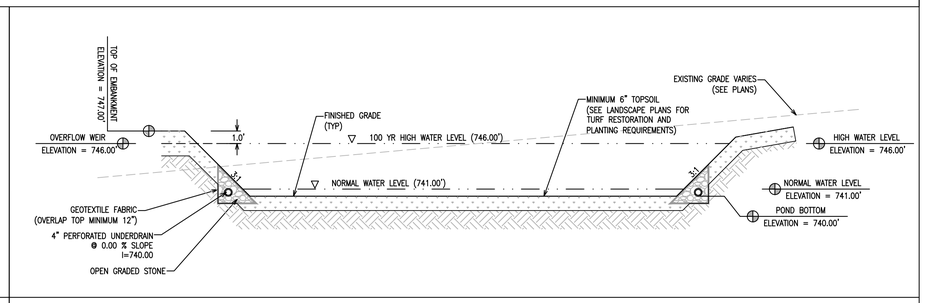
DATE	REVISIONS
1-1-21	Clarified ref. to plate dia. on Section A-A. Changed "inlet" to "outlet" cage ref.
1-1-09	Switched units to English (metric).

PRECAST REINFORCED CONCRETE FLARED END SECTION

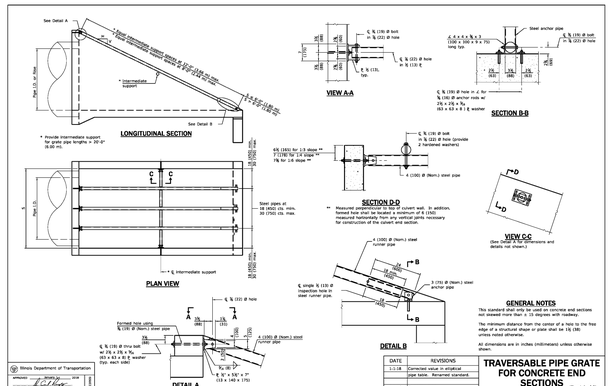
STANDARD 542301-03



DETENTION POND OVERFLOW WEIR DETAIL



DETENTION BASIN CROSS SECTION DETAIL



GENERAL NOTES

This standard shall only be used on concrete end sections not skewed more than ± 15 degrees with roadway.

The minimum distance from the center of a hole to the free edge of a structural shape or plate shall be 1½ (38) unless noted otherwise.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation — APPROVED: Ralph E. Anthony — DESIGNER OF RECORD AND ORIGINATOR — APPROVED: Christine M. Reed — DESIGNER OF RECORD AND ORIGINATOR — 2021

DATE	REVISIONS
1-1-18	Corrected value in structural pipe table. Renamed standard.
4-1-16	Corrected typo.

TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS Sheet 1 of 2

STANDARD 542311-07

PIPE-GRATE SCHEDULE FOR PIPE CULVERT END SECTIONS

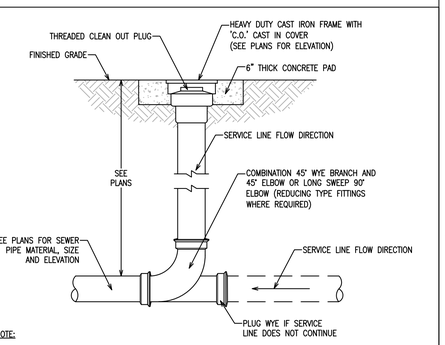
Pipe I.D. (Nom. Dia.)	Slope of End Section 1:3 Main Pipe No. / Length	1:3 Int. Support No. / Length	1:3 Total Length	1:4 Main Pipe No. / Length	1:4 Int. Support No. / Length	1:4 Total Length	1:6 Main Pipe No. / Length	1:6 Int. Support No. / Length	1:6 Total Length
12" (305)	1 @ 8'-0" (2.40 m)		8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)		8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)		8'-0" (2.40 m)
15" (380)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
18" (460)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
21" (530)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
24" (610)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
27" (690)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
30" (760)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
36" (915)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
42" (1065)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
48" (1220)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
54" (1370)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)
60" (1525)	2 @ 8'-0" (2.40 m)	1 @ 11'-0" (3.35 m)	19'-0" (5.75 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-0" (3.35 m)	19'-0" (5.75 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-0" (3.35 m)	19'-0" (5.75 m)
66" (1675)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)
72" (1830)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)
78" (1980)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)
84" (2135)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)

PIPE-GRATE SCHEDULE FOR ELLIPTICAL PIPE CULVERT END SECTIONS

Pipe I.D. (Equiv. Round Dia.)	Slope of End Section 1:3 Main Pipe No. / Length	1:3 Int. Support No. / Length	1:3 Total Length	1:4 Main Pipe No. / Length	1:4 Int. Support No. / Length	1:4 Total Length	1:6 Main Pipe No. / Length	1:6 Int. Support No. / Length	1:6 Total Length
14" (355)	1 @ 8'-0" (2.40 m)		8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)		8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)		8'-0" (2.40 m)
15" (380)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
19" (485)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
23" (585)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
24" (610)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
30" (760)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)	1 @ 8'-0" (2.40 m)	N/A	8'-0" (2.40 m)
34" (865)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)	2 @ 8'-0" (2.40 m)	1 @ 8'-11" (2.72 m)	16'-11" (5.12 m)
38" (965)	2 @ 8'-0" (2.40 m)	1 @ 11'-0" (3.35 m)	19'-0" (5.75 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-0" (3.35 m)	19'-0" (5.75 m)	2 @ 8'-0" (2.40 m)	1 @ 11'-0" (3.35 m)	19'-0" (5.75 m)
42" (1070)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)
49" (1245)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)
53" (1345)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)
60" (1525)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)	3 @ 8'-0" (2.40 m)	2 @ 11'-0" (3.35 m)	30'-0" (9.15 m)

TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS Sheet 2 of 2

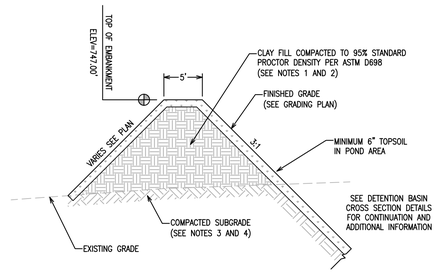
STANDARD 542311-07



NOTE:

1. SEE APPLICABLE DETAIL FOR PIPE BEDDING AND BACKFILL REQUIREMENTS.

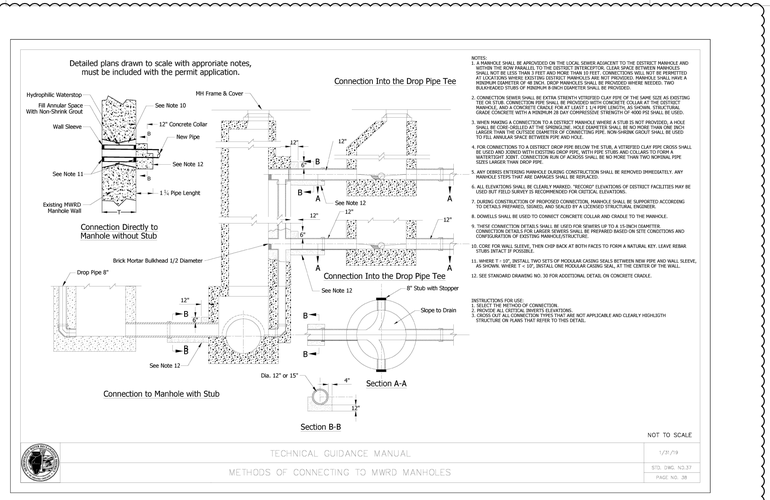
STORM SEWER CLEAN OUT DETAIL



NOTES:

1. EMBANKMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 205 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION (IDOT STANDARD SPECIFICATIONS).
2. CLAY FILL MATERIALS REQUIRED FOR THE EMBANKMENT SHALL BE PLACED IN 8" MAXIMUM LIFTS OR AS OTHERWISE DIRECTED BY A LICENSED GEOTECHNICAL ENGINEER.
3. REMOVE ALL UNSUITABLE MATERIALS BELOW EMBANKMENT AND SCARIFY EXISTING SOIL PRIOR TO EMBANKMENT CONSTRUCTION.
4. POROSITY OF EXISTING SUBGRADE SOILS AND REMOVAL OF ANY UNSUITABLE MATERIALS SHALL BE WITNESSED AND APPROVED BY A LICENSED GEOTECHNICAL ENGINEER PRIOR TO EMBANKMENT CONSTRUCTION. ALL PERMEABLE SUBGRADE SOILS ENCOUNTERED SHALL BE REMOVED AND REPLACED WITH CLAY FILL MATERIALS COMPACTED TO 90% MODIFIED PROCTOR DENSITY PER ASTM D1557.

COMPACTED CLAY EMBANKMENT DETAIL

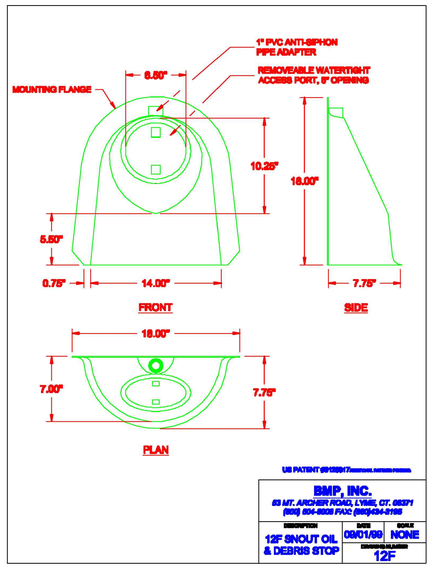


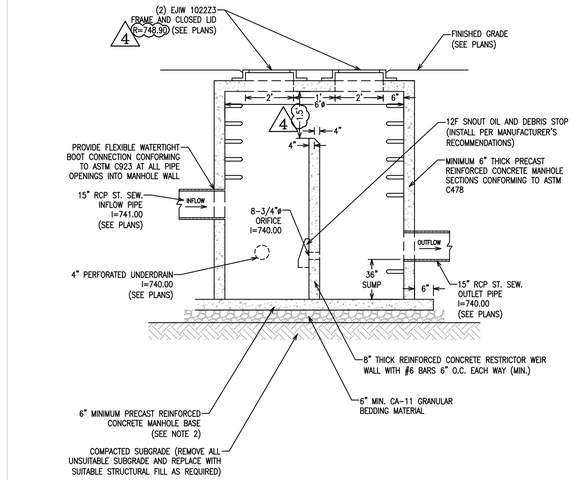
NOTES:

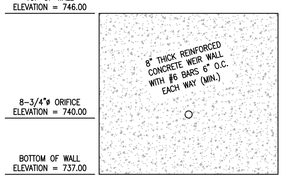
1. A MANHOLE SHALL BE APPROVIDED ON THE LOCAL SEWER ADJACENT TO THE DISTRICT MANHOLE AND WITHIN THE ROW PARALLEL TO THE DISTRICT INTERCEPTOR. CLEAR SPACE BETWEEN MANHOLES SHALL NOT BE LESS THAN 3 FEET AND MORE THAN 10 FEET. CONNECTIONS WILL NOT BE PERMITTED AT LOCATIONS WHERE EXISTING DISTRICT MANHOLES ARE NOT PROVIDED. MANHOLE SHALL HAVE A MINIMUM DIAMETER OF 48 INCHES AND SHALL BE LARGER WHERE ADDITIONAL SPACE IS NEEDED. TWO RUNGS/STEPS OF MINIMUM 8-INCH DIAMETER SHALL BE PROVIDED.
2. CONNECTION SEWER SHALL BE EXTRA STRENTH VITRIFIED CLAY PIPE OF THE SAME SIZE AS EXISTING TEE OR STUB. CONNECTION PIPE SHALL BE PROVIDED WITH CONCRETE COLLAR AT THE DISTRICT MANHOLE, AND A CONCRETE CRADLE FOR AT LEAST 1 LIN PIPE LENGTH, AS SHOWN. STRUCTURAL GRADE CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI SHALL BE USED.
3. WHEN MAKING A CONNECTION TO A DISTRICT MANHOLE WHERE A STUB IS NOT PROVIDED, A HOLE SHALL BE CORE DRILLED. THE DIAMETER OF THE HOLE SHALL BE NO MORE THAN ONE INCH LARGER THAN THE OUTSIDE DIAMETER OF CONNECTING PIPE. NON-SHRINK GROUT SHALL BE USED TO FILL ANNULAR SPACE BETWEEN PIPE AND HOLE.
4. FOR CONNECTIONS TO A DISTRICT DROP PIPE BELOW THE STUB, A VITRIFIED CLAY PIPE CROSS SHALL BE USED AND JOINED WITH EXISTING DROP PIPE, WITH PIPE STUBS AND COLLARS TO FORM A WATERTIGHT JOINT. CONNECTION RUN OF ACROSS SHALL BE NO MORE THAN TWO NOMINAL PIPE SIZES LARGER THAN DROP PIPE.
5. ANY DEBRIS ENTERING MANHOLE DURING CONSTRUCTION SHALL BE REMOVED IMMEDIATELY. ANY MANHOLE STEPS THAT ARE DAMAGED SHALL BE REPLACED.
6. ALL ELEVATIONS SHALL BE CLEARLY MARKED, "RECORD" ELEVATIONS OF DISTRICT FACILITIES MAY BE USED BUT FIELD SURVEY IS RECOMMENDED FOR CRITICAL ELEVATIONS.
7. DURING CONSTRUCTION OF PROPOSED CONNECTION, MANHOLE SHALL BE SUPPORTED ACCORDING TO DETAILS PREPARED, SIGNED, AND SEALED BY A LICENSED STRUCTURAL ENGINEER.
8. DONELLI SHALL BE USED TO CONNECT CONCRETE COLLAR AND CRADLE TO THE MANHOLE.
9. THESE CONNECTION DETAILS SHALL BE USED FOR SEWERS UP TO A 15-INCH DIAMETER. CONNECTION DETAILS FOR LARGER SEWERS SHALL BE PREPARED BASED ON SITE CONDITIONS AND CONFIGURATION OF EXISTING MANHOLE/STRUCTURE.
10. CORE FOR WALL SLEEVE, THEN CHIP BACK AT BOTH FACES TO FORM A NATURAL KEY. LEAVE REBAR STUBS INTACT IF POSSIBLE.
11. WHERE T = 10", INSTALL TWO SETS OF MODULAR CASING SEALS BETWEEN NEW PIPE AND WALL SLEEVE, AS SHOWN. WHERE T = 10", INSTALL ONE MODULAR CASING SEAL AT THE CENTER OF THE WALL.
12. SEE STANDARD DRAWING NO. 30 FOR ADDITIONAL DETAIL ON CONCRETE CRADLE.

INSTRUCTIONS FOR USE:
1. SELECT THE METHOD OF CONNECTION.
2. PROVIDE ALL CRITICAL INVERTS ELEVATIONS.
3. CROSS OUT ALL CONNECTION TYPES THAT ARE NOT APPLICABLE AND CLEARLY HIGHLIGHTH STRUCTURE ON PLANS THAT REFER TO THIS DETAIL.

4







RESTRICTOR WEIR WALL

NOTES:

1. SEE PLANS FOR OUTLET CONTROL STRUCTURE LOCATION AND ORIENTATION.
2. PRECAST REINFORCED MONOLITHIC CONCRETE MANHOLE BOTTOM WITH INTEGRAL SIDEWALLS CAN BE SUBSTITUTED IN PLACE OF THE CONCRETE BOTTOM SLAB DESIGN SHOWN.
3. MANHOLE BARREL SECTIONS SHALL BE TONGUE AND GROOVE TYPE.
4. CONTINUOUS LAYER OF NON-HARDENING, PREFORMED, BITUMINOUS, MASTIC MATERIAL (RAMNEK OR APPROVED EQUAL) SHALL BE APPLIED TO EACH MANHOLE JOINT TO PREVENT INFLOW.
5. ALL INTERIOR MANHOLE JOINTS SHALL BE MORTARED WITH HYDRAULIC CEMENT
6. FLAT-TOP REINFORCED CONCRETE SLAB SHALL BE DESIGNED FOR HS-20 TRAFFIC LOADING.
7. PRECAST CONCRETE ADJUSTING RINGS SHALL CONFORM TO ASTM C39 (COMPRESSIVE STRENGTH TEST). MAXIMUM ALLOWABLE HEIGHT FOR ADJUSTING RINGS SHALL BE 8".

6'ø RESTRICTOR CATCH BASIN #54 DETAIL

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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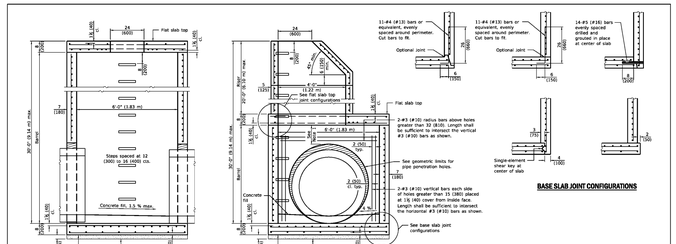
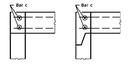
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)



FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 30 (810).

Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

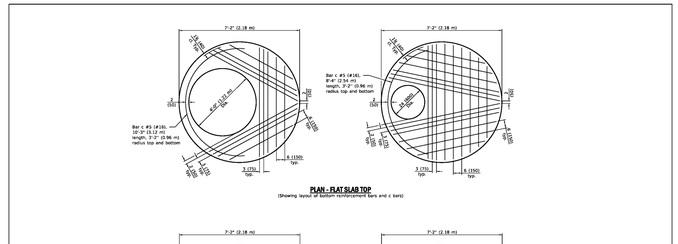
All dimensions are in inches (millimeters) unless otherwise noted.

DATE	REVISIONS
1-1-21	Revised Note 1, Note 2 and lifting hole general note.
3-1-19	Moved wall reinforcement from inside face to middle.

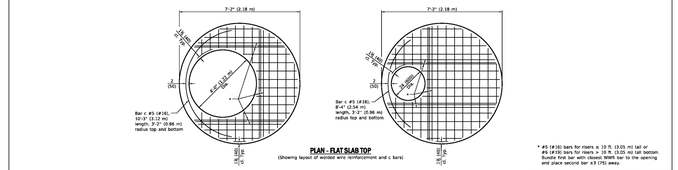
PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
(Sheet 1 of 3)

STANDARD 602406-11

Illinois Department of Transportation



PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)



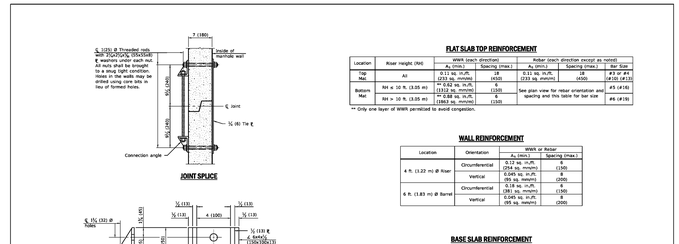
PLAN - FLAT SLAB TOP
(Showing layout of welded wire reinforcement and c bars)

* #5 (#16) bars for risers ≤ 10 ft. (3.05 m) tall or #6 (#19) bars for risers > 10 ft. (3.05 m) tall bottom. #5 (#16) bars, Bundle with closest WWR bar to the opening and place second bar ±3 (75) away.

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
(Sheet 2 of 3)

STANDARD 602406-11

Illinois Department of Transportation



FLAT SLAB TOP REINFORCEMENT

Location	Riser height (ht)	WWR (each direction)		Rebar (each direction except as noted)	
		A_s (mm.)	Spacing (max.)	A_s (mm.)	Spacing (max.)	Bar Size
Top Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)
	RH > 10 ft. (3.05 m)	** 0.88 sq. in./ft. (1863 sq. mm/m)	6 (150)			#6 (#19)

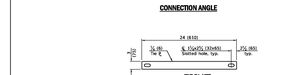
** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
6 ft. (1.83 m) Ø Barrel	Circumferential	0.18 sq. in./ft. (381 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) or TH ≤ 20 ft. (6.10 m)	0.09 sq. in./ft. (191 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.13 sq. in./ft. (267 sq. mm/m)	18 (450)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)



JOINT SPLICE

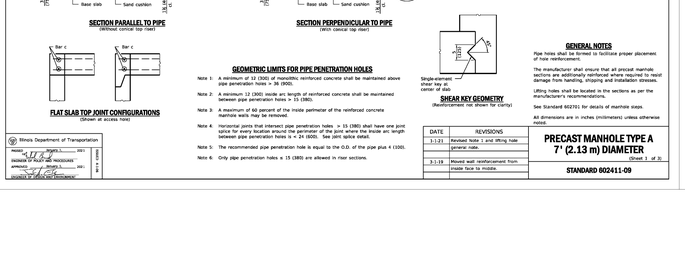
CONNECTION ANGLE

TIE PLATE

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER
(Sheet 3 of 3)

STANDARD 602406-11

Illinois Department of Transportation



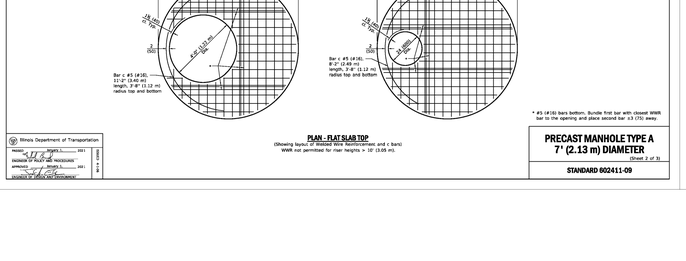
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-20	Revised dimension in Section B-B of cast open lid.
1-1-15	Revised dimensioning of frame. Added ADA compliant open lid.
1-1-09	Switched units to English (metric)

FRAME AND LIDS
TYPE 1

STANDARD 604001-05

Illinois Department of Transportation



FLAT SLAB TOP JOINT CONFIGURATIONS FOR D = 36 (900) AND D = 4'-0" (1.22 m)
(Shown at access hole)

SECTION THRU FLAT SLAB TOP FOR D = 36 (900) AND D = 4'-0" (1.22 m)

PLAN - FLAT SLAB TOP FOR D = 36 (900)
(Showing layout of reinforcement bars and c bars)

FLAT SLAB TOP JOINT CONFIGURATIONS FOR D = 5'-0" (1.52 m)
(Shown at access hole)

SECTION THRU FLAT SLAB TOP FOR D = 5'-0" (1.52 m)

PLAN - FLAT SLAB TOP FOR D = 36 (900)
(Showing layout of welded wire reinforcement and c bars)

D	T	D_1 (Max.)	I
36 (900)	4'-0" (1.2 m)	5'-0" (1.5 m)	6 (150)
			8 (200)

TABLE

GENERAL NOTES

The flat slab top may be used in lieu of the tapered top shown on Standards 602001, 602018, or 602306 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

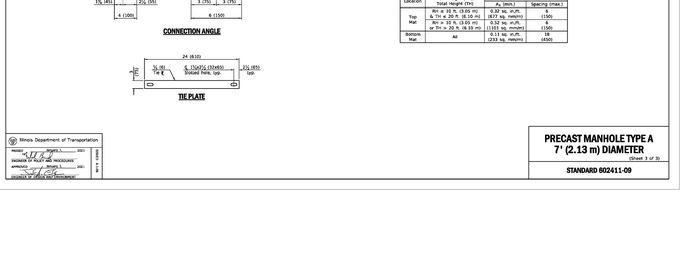
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-19	Expanded / refined reinforcement options.
1-1-18	Revised for compliance with LRFD.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP
(Sheet 1 of 2)

STANDARD 602601-06

Illinois Department of Transportation



PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)
(Showing layout of bottom reinforcement bars and c bars)

PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)
(Showing layout of bottom reinforcement bars and c bars)

PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)
(Showing layout of welded wire reinforcement and c bars)

PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)
(Showing layout of welded wire reinforcement and c bars)

FLAT SLAB TOP REINFORCEMENT FOR D = 36 (900)

Location	WWR (each direction)		Rebar		
	A_s (mm.)	Spacing (max.)	A_s (mm.)	Spacing (max.)	Bar Size
Bottom Mat	0.62 sq. in./ft. (1310 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

FLAT SLAB TOP REINFORCEMENT FOR D = 4'-0" (1.22 m)

Location	WWR (each direction)		Rebar		
	A_s (mm.)	Spacing (max.)	A_s (mm.)	Spacing (max.)	Bar Size
Bottom Mat	0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

FLAT SLAB TOP REINFORCEMENT FOR D = 5'-0" (1.52 m)

Location	WWR (each direction)		Rebar (each direction except as noted)		
	A_s (mm.)	Spacing (max.)	A_s (mm.)	Spacing (max.)	Bar Size
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	** 0.62 sq. in./ft. (847 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

** Only one layer of WWR permitted to avoid congestion.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP
(Sheet 2 of 2)

STANDARD 602601-06

Illinois Department of Transportation

SECTION PARALLEL TO PIPE
(Without conical top riser)

SECTION PERPENDICULAR TO PIPE
(With conical top riser)

FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 13 (330) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 36 (900).

Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

DATE	REVISIONS
1-1-21	Revised Note 1 and lifting hole general note.
3-1-19	Moved wall reinforcement from inside face to middle.

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
(Sheet 1 of 3)

STANDARD 602411-09

Illinois Department of Transportation

PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)

PLAN - FLAT SLAB TOP
(Showing layout of welded wire reinforcement and c bars)
WWR not permitted for riser heights > 10' (3.05 m).

* #5 (#16) bars bottom. Bundle first bar with closest WWR bar to the opening and place second bar ±3 (75) away.

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
(Sheet 2 of 3)

STANDARD 602411-09

Illinois Department of Transportation

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR (each direction except as noted)		Rebar (each direction except as noted)	
		A_s (mm.)	Spacing (max.)	A_s (mm.)	Spacing (max.)	Bar Size
Top Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)
	RH > 10 ft. (3.05 m)	WWR not permitted				#7 (#22)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
7 ft. (2.13 m) Ø Barrel	Circumferential	0.22 sq. in./ft. (465 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.09 sq. in./ft. (177 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.13 sq. in./ft. (233 sq. mm/m)	18 (450)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

JOINT SPLICE

CONNECTION ANGLE

TIE PLATE

PRECAST MANHOLE TYPE A
7' (2.13 m) DIAMETER
(Sheet 3 of 3)

STANDARD 602411-09

Illinois Department of Transportation

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4	REVISED PER VILLAGE	2/28/22	
3	FINAL PD SUBMITTAL	1/14/22	
2	REVISED PER VILLAGE	10/28/21	
1	PRELIMINARY PD SUBMITTAL	9/21/21	
No.	Description	Date	

DETAILS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

F076a

N.T.S.

C9.4

GENERAL NOTES

1. ALL PAVING AND RELATED CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION BY ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SUBDIVISION REGULATIONS OF THE MUNICIPALITY. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.

2. ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, AND IN ACCORDANCE WITH THE CURRENT SUBDIVISION REGULATIONS OF THE MUNICIPALITY UNLESS OTHERWISE NOTED ON THE PLANS.

3. STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123, AND THE MUNICIPALITY FOR UTILITY LOCATIONS.

5. NO CONSTRUCTION PLAN SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION." PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

6. NOTIFICATION OF COMMENCING CONSTRUCTION

6.1. THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR HIS REPRESENTATIVE AND THE AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES, EITHER MUNICIPALITY'S OR THE OWNER'S, SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE VILLAGE AND ENGINEER PRIOR TO THE START OF CONSTRUCTION.

6.2. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES TO BE UNABLE TO VISIT SITE AND PERFORM TESTING WILL CAUSE CONTRACTOR TO SUSPEND OPERATION (PERTAINING TO TESTING) UNTIL TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK TO BE BORNE BY CONTRACTOR.

7. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC. AT NO TIME SHALL ACCESS BE DENIED TO PROPERTIES SURROUNDING THE SITE.

8. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS OTHERWISE SPECIFIED.

9. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET AT CONTRACTOR'S COST.

10. ALL FRAMES AND LIDS FOR STORM AND SANITARY SEWER STRUCTURES ARE TO BE ADJUSTED TO MEET FINAL FINISH GRADE. THIS ADJUSTMENT IS TO BE MADE BY THE SEWER CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVIATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY THE VILLAGE UPON FINAL INSPECTION OF THE PROJECT. FINAL GRADES TO BE DETERMINED BY THE VILLAGE AT THE TIME OF FINAL INSPECTION AND MAY VARY FROM PLAN GRADE.

11. ANY EXISTING SIGNS, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND NOT NOTED FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT HIS OWN EXPENSE AS DIRECTED BY THE ENGINEER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.

12. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE. HE IS RESPONSIBLE FOR ANY PERMIT REQUIRED FOR SUCH DISPOSAL.

13. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR SHALL BE RESTORED TO PROPER OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BY THE OWNER AND/OR PROJECT GOVERNING AUTHORITY.

14. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE DURING THAT PERIOD.

15. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED BY THE OWNER AND MUNICIPALITY.

16. UPON AWARDING OF THE CONTRACT AND WHEN REQUIRED BY THE MUNICIPALITY, THE CONTRACTOR SHALL FURNISH A LABOR, MATERIAL AND PERFORMANCE BOND AND INSURANCE IN THE AMOUNT REQUIRED BY THE MUNICIPALITY GUARANTEEING COMPLETION OF THE WORK. THE UNDERWRITER SHALL BE ACCEPTABLE TO THE MUNICIPALITY.

17. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO KNOWN AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, JACOB AND HEFNER ASSOCIATES, INC. IS RESPONSIBLE TO RESOLVE THE CONFLICT. JACOB AND HEFNER ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE COST OF CONSTRUCTION.

18. OWNER SHALL OBTAIN EASEMENTS AND PERMITS NECESSARY TO FACILITATE CONSTRUCTION OF THE PROPOSED UTILITIES. THE CONTRACTOR, HOWEVER, SHALL FURNISH ALL REQUIRED BONDS AND EVIDENCE OF INSURANCE NECESSARY TO SECURE THESE PERMITS.

19. THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.

20. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB IN ACCORDANCE WITH OSHA REGULATIONS.

21. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS, STAKES OR LATH SET BY SURVEYORS FOR CONSTRUCTION, AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.

22. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC AND PEDESTRIANS WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, LATEST EDITION AND IN CONFORMANCE WITH REGULATIONS OF THE MUNICIPALITY OR D.O.T.

23. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE VILLAGE. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE VILLAGE PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE AND PRIOR TO POURING ANY CONCRETE AFTER FORMS HAVE BEEN SET.

24. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.

25. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

26. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

27. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED LANDSCAPE ARCHITECT AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.

28. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE.

29. ALL CUTS OVER ONE-INCH IN DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH. WOUNDS OVER ONE-INCH IN DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT.

30. ANY DEWATERING OF SEWER AND WATER TRENCHES AS WELL AS TEMPORARY SHEETING OR BRACING THAT MAY BE REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT BE CONSIDERED EXTRA WORK. IN THE EVENT THAT SOFT MATERIALS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSF ARE ENCOUNTERED IN SEWER AND WATER MAIN CONSTRUCTION, THE CONTRACTOR SHALL (UPON APPROVAL OF THE OWNER AND/OR ENGINEER) OVER-EXCAVATE TO A DEPTH OF AT LEAST ONE (1) FOOT BELOW THE BOTTOM OF THE PIPE AND BACKFILL WITH COMPACTED CRUSHED STONE, PROPERLY FORMED TO FIT THE BOTTOM OF THE PIPE.

31. CONTRACTOR SHALL RECORD VIDEO OF THE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS. A COPY OF THE VIDEO SHALL BE PROVIDED TO THE VILLAGE.

32. TRENCH BACKFILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE ALL UNDERGROUND UTILITIES WITHIN TWO FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, BUILDINGS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL BE DONE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS. THE TRENCH BACKFILL MATERIAL SHALL CONSIST OF CRUSHED GRAVEL CONFORMING TO IDOT GRADATION CA-7.

33. WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE.

GENERAL NOTES (CONT.)

34. HYDRANTS SHALL NOT BE FLUSHED DIRECTLY ONTO THE ROAD SUBGRADES. WHEREVER POSSIBLE, HOSES SHALL BE USED TO DIRECT THE WATER INTO STORM SEWERS. DAMAGE TO THE ROAD SUBGRADE OR LOT AREAS DUE TO EXCESSIVE WATER SATURATION AND/OR EROSION FROM HYDRANT FLUSHING OR FROM LEAKS IN THE WATER DISTRIBUTION SYSTEM, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR FLUSHING OR USING THE HYDRANT TO MAKE ALL NECESSARY REPAIRS AT HIS EXPENSE. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION WATER AT HIS EXPENSE.

35. AFTER THE STORM SEWER SYSTEM HAS BEEN CONSTRUCTED THE CONTRACTOR SHALL PLACE EROSION CONTROL AT LOCATIONS SHOWN ON THE PLANS OR AS SELECTED IN THE FIELD BY THE ENGINEER. INLET PROTECTION (INLET BASKETS) SHALL BE INSTALLED IN EACH STRUCTURE AS SOON AS THE STRUCTURE INSTALLATION IS COMPLETE. THE PURPOSE OF THE EROSION CONTROL WILL BE TO MINIMIZE THE AMOUNT OF SILTATION, WHICH NORMALLY WOULD ENTER THE STORM SEWER SYSTEM FROM ADJACENT AND/OR UPSTREAM DRAINAGE AREAS.

36. EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ILLINOIS URBAN MANUAL AND SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS ACCEPTABLE TO THE ENGINEER HAS BEEN DEVELOPED.

37. UPON PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE FINAL RECORD DRAWINGS TO THE OWNER AND ENGINEER FOR REVIEW PRIOR TO ANY REQUEST FOR FINAL INSPECTION. AT A MINIMUM, THE RECORD DRAWINGS SHALL INDICATE THE FINAL LOCATION AND LAYOUT OF ALL SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, VERIFICATION OF ALL BUILDING PAD AND FINISHED FLOOR ELEVATIONS, UTILITY RIM AND INVERT ELEVATIONS, SPOT GRADE ELEVATIONS, LOCATIONS OF ALL WATER SERVICE B-BOXES, SANITARY SEWER SERVICES, AND STORM SEWER SERVICES AND SHALL INCORPORATE ALL FIELD DESIGN CHANGES INCLUDING THOSE APPROVED BY THE OWNER, ENGINEER AND/OR PROJECT GOVERNING AUTHORITY. RECORD DRAWINGS SHALL BE PREPARED BY OR UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR.

38. RECORD DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE AT THE COMPLETION OF THE PROJECT AND PRIOR TO ACCEPTING THE IMPROVEMENTS.

EARTHWORK

1. TOPSOIL EXCAVATION

A. TOPSOIL, ORGANIC MATERIAL, OR ANY OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM AREAS REQUIRING STRUCTURAL FILL.

B. PLACEMENT OF EXCAVATED MATERIAL SHALL BE DESIGNATED BY THE OWNER FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED OR AS FILL IN THE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL.

C. EXCESS MATERIALS NOT UTILIZED AS FILL OR NOT STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

2. EARTH EXCAVATION

A. EXCAVATION OF EARTH AND OTHER MATERIALS, WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL SHALL BE WITHIN A TOLERANCE OF 0.05 FEET FOR PADS AND PAVEMENT, AT 0.1 FEET +/- OF THE PLAN SUBGRADE ELEVATIONS. THE +/- TOLERANCE WITHIN PAVEMENT AREAS UTILIZING EARTH MATERIALS SHALL "BALANCE" AS PART OF THE FINE GRADING OPERATION.

B. PLACEMENT OF EARTH AND OTHER SUITABLE MATERIALS SHALL BE PLACED WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS WITHIN A TOLERANCE OF 0.1 FEET +/-. THE FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS, NOT EXCEED EIGHT INCHES IN THICKNESS. THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE THE REQUIRED COMPACTION. EARTH MATERIAL MAY BE PLACED WITHIN THOSE AREAS OF THE SITE NOT REQUIRING STRUCTURAL FILL, WITHIN THE PLAN SUBGRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL, THE EARTH MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS. THE STRUCTURAL SUBGRADE AREA SHALL EXTEND TO THE ZONE OF INFLUENCE IN ALL FILL AREAS.

C. COMPACTION OF THE EARTH AND OTHER SUITABLE MATERIALS SHALL BE TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR DRY DENSITY. THIS INCLUDES AREAS WITHIN PROPOSED PAVEMENT AND BUILDING PAD LOCATIONS, SIDEWALKS, ETC. IN NON-STRUCTURAL FILL AREAS, 90% TO 95% OF THE MODIFIED PROCTOR DRY DENSITY IS REQUIRED.

3. UNSUITABLE MATERIAL

A. UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL THAT IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION. IF IT IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION, IT SHALL BE REMOVED AND REPLACED WITH SELECT GRANULAR MATERIAL APPROVED BY THE SOILS ENGINEER. THE DECISION TO REMOVE SAID MATERIAL AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.

4. THE GRADING CONTRACTORS RESPONSIBILITIES

A. MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.

B. SPREAD AND COMPACT UNIFORMLY ALL EXCESS TRENCH SPOIL, AS SPECIFIED, AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS.

C. SCARIFY AND COMPACT THE UPPER 12 INCHES OF THE SUITABLE SUBGRADE MATERIAL, AS SPECIFIED, IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE CONTENT. THIS APPLIES TO CUT AREAS AS WELL AS FILL AREAS.

D. PROVIDE ADDITIONAL WATER TO DRY MATERIAL TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.

E. BACKFILL THE CURB AND GUTTER AFTER CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL.

F. ACCOUNTABLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES" AS DESCRIBED ON THE PLANS. ALL CONTRACTORS SHALL COMPLY WITH THE SWPPP AND NPDES REQUIREMENTS.

G. PERFORM LIME STABILIZATION OF THE SUBGRADE MATERIAL IF REQUIRED BY THE SOILS ENGINEER.

5. TESTING AND FINAL ACCEPTANCE

A. THE CONTRACTOR SHALL PROVIDE, AS A MINIMUM, A TANDEM AXLE TRUCK LOADED TO 14 TONS FOR PROOF ROLLING THE PAVEMENT SUBGRADE. PROOF ROLLING SHALL BE PERFORMED PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER AND BASE MATERIAL. THIS SHALL BE WITNESSED AND APPROVED BY THE MUNICIPAL ENGINEER AND OWNER.

B. ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING, SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL APPROVED BY THE SOILS CONSULTANT. PROOF ROLLING SHALL BE PERFORMED UNTIL THE SUBGRADE IS APPROVED BY THE MUNICIPAL ENGINEER, OWNER AND SOILS ENGINEER.

C. THE WORK AREAS SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.

PAVEMENT

1. FINE GRADING

A. PRIOR TO THE CONSTRUCTION OF CURB AND GUTTER AND PLACEMENT OF THE BASE MATERIAL, THE STREETS SHALL BE FINE GRADED TO WITHIN 0.05 FEET OF FINAL SUBGRADE ELEVATION, TO A POINT TWO FEET BEYOND THE BACK OF CURB.

2. CURB AND GUTTER

A. THE TYPE OF THE CURB AND GUTTER SHALL BE AS DETAILED ON THE ENGINEERING PLANS.

B. THE CURBS SHALL BE BACKFILLED AFTER CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE.

C. THE STONE COST UNDER THE CURB AND GUTTER SHALL BE CONSIDERED INCIDENTAL.

D. DEPRESSED CURBS FOR DRIVEWAYS AND HANDICAPPED RAMPS SHALL BE INSTALLED PER THE PLANS AND IDOT STANDARDS.

3. PAVEMENT

A. THE PAVEMENT MATERIALS SHALL BE AS DETAILED ON THE ENGINEERING PLANS. DEPTHS SPECIFIED SHALL BE CONSIDERED THE MINIMUM COMPACTED THICKNESS.

4. GENERAL

THE PAVING CONTRACTOR SHALL:

A. REPAIR ANY BASE COURSE AND BINDER COURSE FAILURES PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE.

B. SWEEP CLEAN THE BINDER COURSE PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE. ANY DAMAGE TO THE BINDER COURSE SHALL BE REPAIRED BY THE CONTRACTORS AT NO ADDITIONAL COST TO THE OWNER.

D. PROVIDE CONSTRUCTION, EXPANSION AND CONTRACTION JOINTS FOR CURB AND GUTTER AND P.C.C. SIDEWALK PER IDOT STANDARDS AND MUNICIPAL STANDARDS.

E. REMOVE ALL EXCESS MATERIALS AND DEBRIS. DISPOSE OF MATERIALS OFF-SITE AT NO ADDITIONAL COST TO THE OWNER.

5. TESTING AND FINAL ACCEPTANCE

A. PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF ROLLED AND INSPECTED FOR UNSUITABLE LOCATIONS. IF UNSUITABLE SUBGRADE IS ENCOUNTERED, IT SHALL BE REMOVED AND REPLACED WITH GRANULAR MATERIAL APPROVED BY THE OWNER OR HIS REPRESENTATIVE. THE SUBGRADE SHALL HAVE A MINIMUM IBR VALUE OF 3.0.

B. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED AND AS REQUIRED. THICKNESS VERIFICATION WILL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

C. FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO THE TESTING AND VERIFICATION REQUIREMENTS CITED ABOVE.

6. METHOD OF MEASUREMENT

A. CURB AND GUTTER AND BASE COURSE SHALL BE MEASURED IN THE FIELD BY THE CONTRACTOR. THE QUANTITIES SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION WHEN REQUESTED BY THE OWNER.

B. WHEN REQUESTED BY THE OWNER, DOCUMENTATION FOR THE INSTALLED BASE COURSE, BITUMINOUS CONCRETE BINDER AND SURFACE COURSE, SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION AS REQUIRED BY THE MUNICIPALITY. WHERE DIRECTED, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE BITUMINOUS CONCRETE WITH A CORE DRILL TO CONFIRM THE PLAN THICKNESS. DEFICIENCIES IN THICKNESS SHALL BE ADJUSTED BY THE METHOD DESCRIBED IN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

7. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND SAFE TRAFFIC MANAGEMENT WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION. THIS SHALL BE IN ACCORDANCE WITH THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY.

8. LONGITUDINAL JOINT CONSTRUCTION

A. AS MANY LONGITUDINAL JOINTS AS PRACTICAL SHALL BE CLOSED AT THE END OF EACH DAY OF PAVING. A TACK COAT SHALL BE APPLIED TO THE "COLD" SIDE OF THE LONGITUDINAL JOINT PRIOR TO THE PLACEMENT OF THE HOT SIDE MAT.

B. LONGITUDINAL JOINT CONSTRUCTION SHALL BE COMPLETED BEFORE THE "COLD" SIDE OF THE JOINT FALLS BELOW 200°F.

C. IN THE EVENT THE TEMPERATURE OF THE "COLD" SIDE OF A JOINT FALLS BELOW 200°F PRIOR TO JOINT CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL PERFORM THE FOLLOWING:
1. HEAT THE COLD SIDE JOINT TO 200°F EITHER BY MEANS OF A HAND TORCH OR AN INFRARED HEATER. THE CONTRACTOR SHALL AVOID BURNING THE ASPHALT DURING REHEATING.
2. APPLY TACK COAT TO THE REHEATED JOINT PRIOR TO ASPHALT PLACEMENT.

D. THE CONTRACTOR SHALL OFFSET SURFACE COURSE JOINTS FROM BINDER COURSE JOINTS, WHEREVER PRACTICABLE.

9. LONGITUDINAL JOINT DENSITY SPECIFICATIONS

A. COMPLETED LONGITUDINAL JOINTS SHALL BE ASSESSED BASED ON SECTION 1030 OF THE STANDARD SPECIFICATIONS AND THE "HOT MIX ASPHALT – DENSITY TESTING OF LONGITUDINAL JOINTS" (BDE) AS FOLLOWS:

LONGITUDINAL JOINT DENSITY TESTING SHALL BE PERFORMED AT EACH RANDOM DENSITY TEST LOCATION. LONGITUDINAL JOINT TESTING SHALL BE LOCATED AT A DISTANCE EQUAL TO THE LIFT THICKNESS OR A MINIMUM OF TWO INCHES FROM EACH PAVEMENT EDGE; I.E. FOR A FOUR INCH LIFT, THE NEAR EDGE OF THE DENSITY GAUGE OR CORE BARREL SHALL BE WITHIN FOUR INCHES FROM THE EDGE OF PAVEMENT. LONGITUDINAL JOINT DENSITY TESTING SHALL BE PERFORMED USING EITHER A CORRELATED NUCLEAR GAUGE OR CORES.

1. CONFINED EDGE: EACH CONFINED EDGE DENSITY TEST SHALL BE REPRESENTED BY A ONE MINUTE NUCLEAR DENSITY READING OR A CORE DENSITY. THE TESTING SHALL BE INCLUDED IN THE AVERAGE OF DENSITY READINGS OR CORE DENSITIES TAKEN ACROSS THE MAT, WHICH REPRESENTS THE INDIVIDUAL TEST.

2. UNCONFINED EDGE: EACH UNCONFINED EDGE JOINT DENSITY TEST SHALL BE REPRESENTED BY AN AVERAGE OF THREE, ONE MINUTE DENSITY READINGS OR A SINGLE CORE DENSITY AT THE GIVEN DENSITY TEST LOCATION. THE TESTING SHALL MEET THE DENSITY REQUIREMENTS SPECIFIED HEREIN. THE THREE, ONE MINUTE READINGS SHALL BE SPACED TEN FEET APART LONGITUDINALLY ALONG THE UNCONFINED PAVEMENT EDGE AND CENTERED AT THE RANDOM DENSITY TEST LOCATION.

DENSITY CONTROL LIMITS TABLE

MIXTURE COMPOSITION	PARAMETER	INDIVIDUAL TEST (INCLUDES CONFINED EDGES)	UNCONFINED EDGE JOINT DENSITY MINIMUM
IL-9.5, IL12.5	Ndesign >= 90	92.0-96.0%	90%
IL-9.5, IL9.5L, IL-12.5	Ndesign < 90	92.5-97.4%	90%
IL-19.0, IL-25.0	Ndesign >= 90	93.0-96.0%	90%
IL-19.0, IL-19.0L, IL-25.0	Ndesign < 90	93.0-97.4%	90%
SMA	Ndesign = 50 & 80	93.5-97.4%	91%
ALL OTHER	Ndesign = 30	93.0-97.4%	90%

SANITARY SEWER

1. UNLESS OTHERWISE NOTED ON THE PLANS, ALL SANITARY SEWER SHALL BE RING-TITE PVC (POLYVINYL CHLORIDE) PLASTIC PIPE. ALL PIPE SHALL CONFORM TO ASTM D-3034 WITH ELASTOMERIC RUBBER RING GASKET JOINTS CONFORMING TO ASTM D-3212. THE STANDARD DIMENSION RATIO (SDR) FOR SANITARY PIPE SHALL BE 26. WHERE SPECIFIED, PVC SDR 21 SANITARY SEWER SHALL BE RING-TITE PVC (POLYVINYL CHLORIDE) PLASTIC PIPE, CONFORMING TO ASTM D-2241 WITH ELASTOMERIC RUBBER RING GASKET JOINTS CONFORMING TO ASTM D3139. THE PVC DR18 SANITARY SEWER SHALL CONFORM TO AWWA C900/C905, WITH RUBBER GASKET JOINTS CONFORMING TO AWWA C900/C905.

2. WHERE SANITARY SEWER PIPE IS NOTED AS PVC C900, THE PIPE SHALL BE IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION (AWWA) C900 WITH WATERTIGHT, PRESSURE RATED JOINTS CONFORMING TO ASTM D3139.

3. CONNECTING SEWER PIPE OF DISSIMILAR MATERIAL IS NOT PERMITTED.

4. ALL FLOOR DRAINS SHALL CONNECT TO THE SANITARY SEWER. CONNECTIONS TO EXISTING SANITARY SEWER SYSTEM SHALL NOT BE COMPLETED UNTIL AUTHORIZED BY THE MUNICIPALITY.

5. ALL UNSUITABLE MATERIAL SHALL BE REMOVED BELOW THE PROPOSED SANITARY SEWER AND REPLACED WITH COMPACTED CRUSHED GRAVEL, CONFORMING TO ASTM D-2321, CL I.

6. COST FOR PIPE BEDDING SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER.

7. PIPE BEDDING SHALL CONSIST OF A MINIMUM OF SIX INCHES OF COMPACTED CRUSHED GRAVEL, IDOT GRADATION CA-7, FOR ALL SANITARY SEWERS. SANITARY SEWER PIPE SHALL HAVE TAMPED CRUSHED GRAVEL, IDOT GRADATION CA-7, COVER ABOVE THE TOP OF PIPE, TO A MINIMUM OF 12 INCHES. THE BEDDING AND TRENCH BACKFILL MATERIAL SHALL CONFORM TO IDOT GRADATION CA-7 AND INSTALLED PER ASTM D-2321 CLASS I.

8. WATER MAINS SHALL BE SEPARATED FROM SANITARY SEWERS AND STORM SEWERS IN ACCORDANCE WITH IEPA REQUIREMENTS AS SPECIFIED IN THE "WATER MAIN" SECTION.

9. NO WATER LINE SHALL BE PLACED IN THE SAME TRENCH AS A SEWER LINE.

10. THE TESTING OF THE PIPE STRAIGHTNESS AND FIELD TESTING, SHALL BE IN ACCORDANCE WITH THE DEVELOPMENT CODE OF THE MUNICIPALITY.

11. SANITARY SEWER MANHOLES SHALL BE FOUR FOOT INNER DIAMETER, PRECAST REINFORCED CONCRETE RINGS OR MONOLITHIC CONCRETE, CONFORMING TO ASTM C 478. MANHOLES SHALL HAVE PRECAST FILLETS. THE STRUCTURE SHALL HAVE AN ECCENTRIC CONE INSTALLED, LINING UP WITH THE MANHOLE STEPS. ALL MANHOLE STEPS SHALL BE NEENAH R-1981-I, NEOPRENE/FIBERGLASS COATED, AT 16 INCHES ON-CENTER.

12. ALL SANITARY SEWER MANHOLE LIDS SHALL BE NEENAH R-1550-A OR EAST JORDAN 1050/APPROVED EQUAL. THE LIDS SHALL HAVE RECESSED (CONCEALED) PICK HOLE AND BE SELF SEALING WITH "O" RING GASKET. THE LIDS SHALL HAVE THE WORD "SANITARY" AND THE MUNICIPALITY NAME EMBOSSED ON THE LID.

13. ALL MANHOLE JOINTS SHALL BE SEALED WITH "O" RING JOINTS. ADDITIONALLY, MANHOLES SHALL HAVE AN INTERNAL OR EXTERNAL SEALING SYSTEMS SUCH AS CANUSA WRAPIDSEAL, CRETEX CHIMNEY SEAL OR ADAPTER, INC. NO MORE THAN EIGHT INCHES OF PRECAST CONCRETE ADJUSTING RINGS SHALL BE USED TO ADJUST FRAME ELEVATIONS. FRAMES SHALL BE SET ON BITUMINOUS MASTIC. MANHOLE SECTIONS SHALL HAVE GASKETED COUPLINGS, "A-LOK" OR APPROVED EQUAL.

14. DROP MANHOLE ASSEMBLIES SHALL BE PROVIDED AT THE JUNCTION OF SANITARY SEWERS WHERE THE DIFFERENCE IN INVERT GRADES EXCEEDS TWO FEET OR AT LOCATIONS SHOWN ON THE PLANS. THE ENTIRE DROP ASSEMBLY SHALL BE CAST IN CONCRETE MONOLITHICALLY WITH THE MANHOLE BARREL.

15. INSPECTION OF MANHOLES: ALL MANHOLES SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS. ALL VISIBLE LEAKAGE SHALL BE ELIMINATED BEFORE FINAL INSPECTION AND ACCEPTANCE.

16. TESTING FOR ACCEPTANCE OF SANITARY SEWERS AND MANHOLES, INCLUDING SERVICE LINES, SHALL INCLUDE LOW PRESSURE AIR TEST AND DEFLECTION TEST PER STANDARD SPECIFICATIONS AND SUBDIVISION REGULATIONS OF THE MUNICIPALITY. THE TESTS SHALL BE APPROVED BY THE MUNICIPALITY BEFORE ACCEPTANCE. ALL SANITARY MANHOLES SHALL BE VACUUM TESTED FOR LEAKAGE IN ACCORDANCE WITH MUNICIPAL STANDARDS AND ASTM C 1244-02.

17. ALL SANITARY SEWERS SHALL BE TELEVISED. A COPY OF THE RECORDING AND A WRITTEN REPORT SHALL BE SUBMITTED TO THE MUNICIPALITY FOR APPROVAL. THE REPORT SHALL INCLUDE STUB LOCATIONS, A DESCRIPTION OF ALL DEFECTS, WATER LEVEL, LEAKS AND IDENTIFICATION OF LENGTH FROM THE MANHOLE NUMBER SPECIFIED ON THE APPROVED PLANS. ALL COSTS SHALL BE INCIDENTAL TO THE WORK. TESTING SHALL BE WITNESSED AND APPROVED BY THE MUNICIPALITY BEFORE FINAL ACCEPTANCE. THE LOCATION OF TELEVISION INSPECTION SHALL BE DESIGNATED BY THE MUNICIPAL ENGINEER.

18. IF THE SANITARY SEWER INSTALLATION FAILS TO MEET THE TEST REQUIREMENTS SPECIFIED, THE CONTRACTOR SHALL DETERMINE THE CAUSE OR CAUSES OF THE DEFECT. AT HIS OWN EXPENSE, THE CONTRACTOR SHALL REPAIR OR REPLACE ALL MATERIALS AND WORKMANSHIP AS NECESSARY TO COMPLY WITH THE TEST REQUIREMENTS.

19. THE CERTIFICATION CONTRACTOR SHALL SUBMIT CERTIFIED COPIES OF ALL REPORTS OF THE TESTS CONDUCTED BY AN INDEPENDENT LABORATORY BEFORE INSTALLATION OF PVC PLASTIC PIPE. TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARD METHOD OF TESTING FOR "EXTERNAL LOADING PROPERTIES OF PLASTIC PIPE BY PARALLEL PLATE LOADING," ASTM STANDARD D-2412. TESTS SHALL ALSO BE CONDUCTED IN ACCORDANCE WITH ASTM D-3212, TO DEMONSTRATE JOINT PERFORMANCE AT 5% MAXIMUM DIAMETRIC DEFLECTION OF THE SPIGOT, AS SPECIFIED IN ASTM D-3212 SPECIFICATIONS.

SOIL EROSION AND SEDIMENT CONTROL

1. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY, AND THE ILLINOIS URBAN MANUAL.

2. BEFORE STARTING CLEARING AND SITE GRADING WORK, A CONSTRUCTION ENTRANCE AND SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLANS.

3. THE CONSTRUCTION ENTRANCE TO THE SITE SHALL BE STABILIZED WITH GRAVEL PRIOR TO BEGINNING ANY WORK ON THE SITE. THE ENTRANCE SHALL BE MAINTAINED PERIODICALLY FOR ITS EFFECTIVENESS TO REMOVE DIRT WHICH COULD LEAVE THE SITE BY CONSTRUCTION VEHICLES.

4. SILT FILTER FENCE SHALL BE PLACED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE MUNICIPALITY'S ENGINEERING INSPECTOR TO PREVENT SEDIMENT FROM LEAVING THE SITE.

5. STAKED SILT FENCE SHALL BE INSTALLED AND MAINTAINED AROUND THE INLETS AND CATCH BASINS AS SHOWN ON THE PLANS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES.

7. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER ANY STORM EVENT IN EXCESS OF 1/2". AN INSPECTION REPORT SHALL BE FILLED OUT EACH TIME AND SHALL BE KEPT IN A BINDER AT JOB SITE AT ALL TIMES ALONG WITH NOI, NPDES PERMIT & SWPPP PLAN.

8. AT THE COMPLETION OF THE PROJECT, ALL STORM SEWER PIPES AND STRUCTURES SHALL BE CLEANED AND FREE OF DIRT AND DEBRIS. THE SEDIMENTATION SHALL BE REMOVED FROM THE STORM SEWER SYSTEM AND SHALL NOT BE WASHED OUT IN THE STORM SEWER SYSTEM.

9. THE TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE EFFECTIVELY UNTIL ALL THE PERMANENT EROSION CONTROL ITEMS ARE FULLY FUNCTIONAL.

10. THE GUARANTEE PERIOD SHALL START AFTER ALL THE PERMANENT EROSION CONTROL MEASURES ARE FULLY FUNCTIONAL AND ACCEPTABLE TO OWNER OR HIS REPRESENTATIVE.

11. A. STOCKPILES OF ANY KIND SHALL NOT BE PLACED IN SPECIAL MANAGEMENT AREAS.

B. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN SEVEN DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.

12. IF THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORM WATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION, THEN PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

13. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.

14. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED UNLESS A ½" OR GREATER RAINFALL EVENT IS FORECAST PRIOR TO 7 DAYS. IN THAT CASE THE PROPER SOIL PROTECTION SHALL BE INSTALLED IMMEDIATELY. STRIPPED AREAS NOT AT FINAL GRADE THAT WILL REMAIN UNDISTURBED FOR MORE THAN 7 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION UNLESS GRADING ACTIVITIES ARE RESUMED WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED. TEMPORARY COVER SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.

15. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING, IRRIGATION, OR FIRE HYDRANT FLUSHING SHALL BE FILTERED PRIOR TO LEAVING PROJECT SITE.

16. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASHDOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED CONTINUOUSLY.

17. ALL CONTRACTORS SHALL COMPLY WITH SWPPP PLAN AND NPDES REQUIREMENT & SHALL SIGN SWPPP ON FILE WITH OWNER OR GENERAL CONTRACTOR.

WATER MAIN AND WATER SERVICES

1. WATER MAINS SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP), CLASS 52, CONFORMING TO AWWA C-151 (ANSI A-21.51) WITH CEMENT MORTAR LINING AND BITUMINOUS SEAL COATING, CONFORMING TO ANSI-A-21.4 (AWWA C-104). ALL WATER MAIN SHALL BE ENCASED WITH 8-MIL POLYETHYLENE WRAP. THE POLYETHYLENE MATERIAL SHALL BE IN CONFORMANCE WITH THE MUNICIPAL REGULATIONS.

2. THE JOINTS SHALL BE PUSH-ON JOINTS CONFORMING TO ANSI A-21.11 (AWWA C-111) AND ALL RETAINING GLANDS SHALL BE SET SCREW OR MEGA-LUG TYPE. WATER MAIN FITTINGS SHALL BE OF DUCTILE IRON WITH CEMENT MORTAR LINING AND SEAL COATING WITH PUSH-ON JOINTS, CONFORMING TO ANSI A21.10 (AWWA C-110). ALL TEE BOLTS SHALL BE STAINLESS STEEL, XYLAN COATED.

3. THRUST BLOCKING OR RESTRAINED JOINTS SHALL BE INSTALLED ON ALL WATER MAINS AT ALL BENDS, TEES, ELBOWS, ETC.

4. DISTRIBUTION SYSTEM VALVES SHALL BE RESILIENT SEAT VALVE, CONFORMING TO AWWA C-509, LATEST STANDARDS AND SHALL BE APPROVED BY THE MUNICIPALITY. EACH VALVE SHALL BE INSTALLED IN A VALVE VAULT OR BOX OF SIZE SHOWN ON THE PLANS. THE LIDS SHALL BE NEENAH R-1713-B OR APPROVED EQUAL. LETTERING ON THE CAST IRON FRAME AND LID SHALL INDICATE "WATER" AND THE MUNICIPALITY NAME.

5. A MINIMUM DEPTH OF COVER OF 5'-6" SHALL BE MAINTAINED OVER THE WATER LINES.

6. ALL WATER MAINS SHALL BE PRESSURE TESTED, FLUSHED AND DISINFECTED IN ACCORDANCE WITH AWWA SPECIFICATIONS. EACH VALVE SECTION SHALL BE PRESSURE TESTED FOR A MINIMUM OF FOUR HOURS. THE ONLY ALLOWABLE LEAKAGE IS AS PREDETERMINED BY THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS. AT NO TIME IS THERE TO BE ANY VISIBLE LEAKAGE FROM THE MAIN.

7. FIRE HYDRANTS SHALL BE INSTALLED WITH AN AUXILIARY VALVE WITH CAST IRON VALVE BOX. FIRE HYDRANTS SHALL CONFORM TO MEET ALL REQUIREMENTS DESCRIBED IN THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY. THE HYDRANT SHALL FACE THE ROADWAY. THE FIRE HYDRANTS SHALL BE PAINTED PER THE MUNICIPALITY. THE VALVE BOX LID SHALL HAVE WORD "WATER" EMBOSSED ON THE LID.

8. MAXIMUM DEFLECTION AT PIPE JOINTS SHALL BE IN ACCORDANCE WITH CURRENT MANUFACTURER'S RECOMMENDATIONS AND AWWA SPECIFICATIONS.

9. WATER SERVICE LINES 2" IN DIAMETER OR SMALLER SHALL BE TYPE 'K' COPPER TUBING CONFORMING TO ASTM B88-58. NO COUPLINGS SHALL BE PERMITTED BETWEEN THE CORPORATION AND CURB STOPS OR BETWEEN THE CURB STOP AND THE BUILDING.

10. WATER SERVICE BOXES SHALL BE OF SUFFICIENT LENGTH TO PERMIT THE TOP TO BE INSTALLED FLUSH WITH THE FINISHED GRADE. EACH SERVICE BOX SHALL BE PROVIDED WITH A CAP WITH THE WORD "WATER" CAST IN THE TOP.

11. CATALOG CUTS OR SHOP DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE OF MINOOKA PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. INSTALLATION OF COMPONENTS NOT APPROVED BY THE VILLAGE WILL BE CAUSE FOR REMOVAL AND/OR REPLACEMENT.

12. IEPA WATER MAIN PROTECTION

A. WATER MAINS:

1. HORIZONTAL SEPARATION:
a) WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER OR SEWER SERVICES CONNECTION.
b) WATER MAINS MAY BE LAID CLOSER THAN 10 FEET TO A SEWER LINE WHEN:
1) LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET
2) THE WATER MAIN INVERT IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER
3) THE WATER MAIN IS IN A SEPARATE TRENCH.
c) BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED OF PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET CONDITION (a) OR (b) ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

2. VERTICAL SEPARATION:
a) A WATER MAIN SHALL BE LAID SO THAT ITS INVERT IS 18 INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER, WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN 10 FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN.
b) IF IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN (a) OR THE WATER MAIN PASSES UNDER A SEWER OR DRAIN, THEN ONE OF THE FOLLOWING METHODS SHALL BE FOLLOWED:
1) THE STORM DRAIN SHALL BE CONSTRUCTED OF "O" RING JOINTS AND SANITARY SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATER MAIN STANDARDS.
2) THE WATER MAIN MAY BE ENCASED IN A WATERTIGHT CARRIER PIPE AS INDICATED ON THE PLANS AND AS PER THE SPECIAL CROSSING DETAIL SHOWN ON THE DETAIL SHEET.
c) A VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATER MAIN CROSSES UNDER SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.
d) CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST 10 FEET.

13. ALL WATERMAIN SHALL HAVE A #10 TRACER WIRE TAPED OR TIED TO THE TOP OF THE PIPE AND A WHIP END BROUGHT TO THE SURFACE AT ALL VALVE VAULTS AND FIRE HYDRANTS.

STORM SEWER

1. ALL STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, IN ADDITION TO THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY.

2. UNLESS OTHERWISE NOTED ON THE PLANS, ALL STORM SEWERS SHALL BE REINFORCED CONCRETE CULVERT PIPE (RCP), ASTM C 76, WITH "O" RING RUBBER GASKET JOINTS CONFORMING TO ASTM C-443.

3. HDPE STORM SEWER PIPE SHALL BE HIGH DENSITY POLYETHYLENE PIPE PER ASTM F-2306 WITH WATERTIGHT JOINTS CONFORMING TO ASTM D-3212.

4. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.

5. ALL DOWNSPOUT AND FOOTING DRAINS SHALL BE DISCHARGED TO THE STORM SEWER SYSTEM OR ONTO THE GROUND.

6. MANHOLE, CATCH BASIN AND INLET BOTTOMS SHALL BE PRECAST CONCRETE SECTIONAL UNITS OR MONOLITHIC CONCRETE. MANHOLES AND CATCH BASINS SHALL BE FOUR FEET IN DIAMETER UNLESS OTHERWISE SPECIFIED ON THE PLANS. MANHOLE JOINTS SHALL BE "O" RING GASKET JOINTS. A MAXIMUM OF SIX INCHES OF ADJUSTING RINGS SHALL BE USED TO ADJUST FRAME ELEVATIONS. THE ADJUSTING RINGS SHALL BE SET WITHIN A FULL MORTAR BED.

7. ALL STORM SEWERS SHALL BE INSTALLED ON TYPE "A" BEDDING, 1/4 TO 3/4 INCH IN SIZE, WITH A MINIMUM THICKNESS EQUAL TO 1/4 OF THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR INCHES. USING BLOCKS OF ANY KIND FOR GRADE IS NOT PERMITTED. THE GRANULAR MATERIAL FOR BEDDING AND TRENCH BACKFILL MATERIAL SHALL CONFORM TO IDOT GRADATION CA-6. THE GRANULAR MATERIAL FOR BEDDING AND INITIAL BACKFILL OF FLEXIBLE PIPE SHALL BE NON-ANGULAR GRAVEL MATERIAL CONFORMING TO ASTM D-2321, CLASS I. THE COST OF BEDDING MATERIAL SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER. THE BEDDING MATERIALS SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY.

8. THE FRAME AND GRATE OR CLOSED LID TYPE SHALL BE AS SPECIFIED ON THE UTILITY PLAN. THE MANHOLE LIDS SHALL BE A MACHINE SURFACED, NON-ROCKING DESIGN. ALL CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE-DRAINS TO WATERWAYS" MESSAGE. THE CLOSED LIDS SHALL HAVE THE WORD "STORM" AND THE MUNICIPALITY NAME EMBOSSED ON THE LID. THE JOINT BETWEEN THE CONCRETE SECTION AND FRAME SHALL BE SEALED WITH A MASTIC COMPOUND.

9. ALL STORM SEWERS SHALL BE THOROUGHLY CLEANED PRIOR TO FINAL INSPECTION AND TESTING.

10. AFTER THE STORM SEWER STRUCTURE HAS BEEN CONSTRUCTED, THE CONTRACTOR SHALL PLACE EROSION CONTROL AT LOCATIONS SHOWN ON THE PLANS OR AS SELECTED IN THE FIELD BY THE ENGINEER. THE PURPOSE OF THE EROSION CONTROL WILL BE TO MINIMIZE THE AMOUNT OF SILTATION NORMALLY ENTERING THE STORM SEWER SYSTEM FROM ADJECENT AND/OR UPSTREAM DRAINAGE AREAS.

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

GENERAL NOTES AND SPECIFICATIONS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

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:

1.1. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;

1.2. STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;

1.3. VILLAGE OF PALATINE MUNICIPAL CODES;

1.4. THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;

1.5. IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).

2. THE VILLAGE OF PALATINE ENGINEERING DEPARTMENTS AND PUBLIC WORKS DEPARTMENTS MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE VILLAGE OF SCHAUMBURG VERTICAL DATUM (NGVD).

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.

4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.

5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENTED TO THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.

6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.

3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	 ASTM D-3034 ASTM F-679	 ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261, F-2620 (HEAT FUSION) ASTM D-3212, F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	 ASTM D-2241 AWWA C900 AWWA C905	 ASTM D-3139 ASTM D-3219 ASTM D-3219

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	ASTM D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	ASTM D-3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:

11.a. A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.

11.b. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.

11.c. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATERMAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCE SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
5.a. UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
5.b. ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.

10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).

13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.

18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

No.	Description	Date
1	PRELIMINARY PD SUBMITTAL	9/21/21
2	REVISED PER VILLAGE	10/28/21
3	FINAL PD SUBMITTAL	1/14/22
4	REVISED PER VILLAGE	2/28/22

MWRD GENERAL NOTES AND SPECIFICATIONS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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N.T.S.

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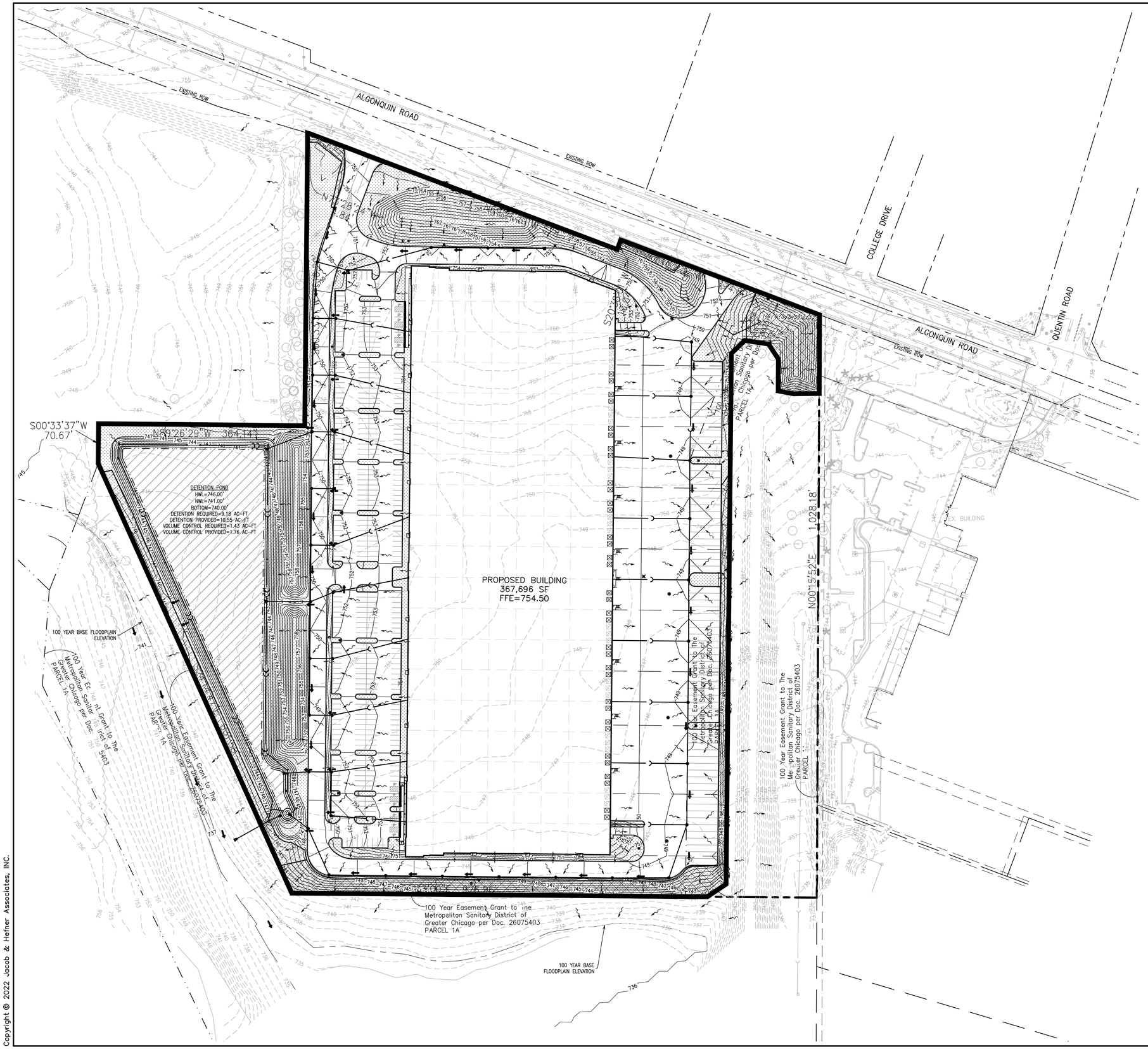
Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)



PROPOSED DRAINAGE EXHIBIT LEGEND:

- PROJECT AREA
  25.15 ACRES
- IMPERVIOUS AREA
  17.15 ACRES
  (CN=98)
- PERVIOUS AREA
  6.16 ACRES
  (CN=74)
- POND AREA
  1.84 ACRES
  (CN=70-NATIVE PLANTINGS)
- NATIVE PLANTING CONSERVATION AREA (UNRESTRICTED)
  0.32 ACRES
- UNRESTRICTED AREA
  1.23 ACRES
  (4.9%)
- EXISTING CONTOUR — 700 —
- PROPOSED CONTOUR — 700 —
- PROPOSED DRAINAGE DIVIDE
- DRAINAGE DIRECTION
- OVERFLOW ROUTE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER

STORMWATER MANAGEMENT SUMMARY TABLE:

DEVELOPMENT AREA	25.15 ACRES
PROPOSED IMPERVIOUS AREA (CN=98)	17.15 ACRES
PROPOSED PERVIOUS AREA (CN=74)	6.16 ACRES
PROPOSED POND AREA (CN=70-NATIVE PLANTINGS)	1.84 ACRES
COMPOSITE RUNOFF CURVE NUMBER	90.07
ADJUSTED RUNOFF CURVE NUMBER	83.03
ALLOWABLE RELEASE RATE ([25.15 AC-0.32 AC]x0.20 CFS/AC)	4.97 CFS
ACTUAL RELEASE RATE (8-3/4" RESTRICTOR AT HWL=740.00)	4.85 CFS
UNRESTRICTED AREA (4.9%)	1.23 ACRES
DETENTION VOLUME REQUIRED	9.18 ACRE-FEET
DETENTION VOLUME PROVIDED (HWL=746.00')	10.55 ACRE-FEET
VOLUME CONTROL REQUIRED	1.43 ACRE-FEET
VOLUME CONTROL PROVIDED	1.76 ACRE-FEET

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

MWRD DRAINAGE EXHIBIT

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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1"=80'

C12

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Attachment: EXHIBIT - Revised Final Engineering Plans (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

ORDINANCE NO. _____

AN ORDINANCE REZONING CERTAIN PROPERTIES FROM R-1 SINGLE-FAMILY RESIDENTIAL TO PLANNED DEVELOPMENT 607, 613, AND 623 (PART OF) E. ALGONQUIN ROAD AND 1825 (PART OF) S. ROSELLE ROAD

WHEREAS, pursuant to a public hearing held on March 15, 2022 before the Plan Commission of the Village of Palatine, in accordance with the applicable provision of the Village Code, and they have reported their findings on a proposal for rezoning the following legally described property from "R-1 Single-family residential" to Planned Development.

SEE ATACHED LEGAL DESCRIPTION

commonly known as 607, 613, and 623 E. Algonquin Road (part of) and 1825 (part of) S. Roselle Road

PIN: # 02-33-401-024-0000, 02-33-401-025-0000, 02-33-401-026-0000 (part of), 02-33-401-027-0000 (part of); and 02-33-400-004-0000 (part of)

NOW, THEREFORE, BE IT ORDAINED, by the Mayor and Village Council of the Village of Palatine, Cook County, Illinois, acting in the exercise of its home rule power:

SECTION 1: That the Zoning Ordinance of the Village of Palatine, as amended, is hereby further amended by classifying the property described above as Planned Development.

SECTION 2: That the Zoning Map of the Village of Palatine is hereby amended to reflect this change.

Attachment: REZ - ORD - LPC (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

SECTION 3: **That this ordinance shall be in full force and effect upon passage and approval as provided by law.**

PASSED: This ____day of _____, 2022

AYES: ____ NAYS:____ ABSENT:____ PASS:____

APPROVED by me this ____day of _____, 2022

_____
Mayor of the Village of Palatine

ATTESTED and FILED in the office of the Village Clerk this ____ day of _____, 2022

_____
Village Clerk

Attachment: REZ - ORD - LPC (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

EXHIBIT – Legal Description – LPC development – 607, 613, 623 (part of) E. Algonquin Road, and 1825 (part of) S. Roselle Road

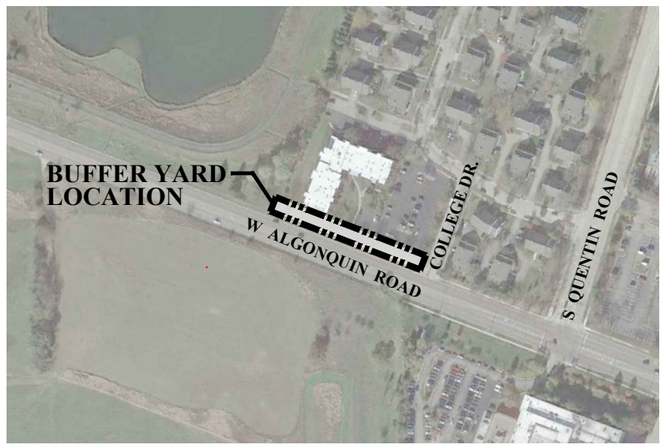
THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUN TY, ILLINOIS, BEING BOUNDED AS FOLLOWS:

BEGINNING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933, AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS - ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 374.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE

FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED ; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 926.96 FEET TO A POINT ON THE WESTERN LINE OF LOT 1 IN BRIESKE'S RESUBDIVISION IN SCHAUMBURG ACCORDING TO THE PLAT THEREOF RECORDED MAY 16, 1978, AS DOCUMENT NUMBER 24449403 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LYING ON A LINE LYING 420.75 FEET

WESTERL Y OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 00 DEGREES 15 MINUTES 52 SECONDS EAST ALONG THE WESTERN LINE OF LOT 1 IN SAID BRIESKE'S RESUBDIVISION AND ALSO ALONG THE WESTERN LINE OF LOT 1 IN THE AFORESAID NATION PIZZA SUBDIVISION 1,028.18 FEET TO THE POINT OF BEGINNING, CONTAINING 28.557 ACRES, MORE OR LESS.

Attachment: EXHIBIT - Legal Description - LPC rezoning ordinance (607, 613, 623 (part of) E. Algonquin Road and (part of)1825 S. Roselle Road)

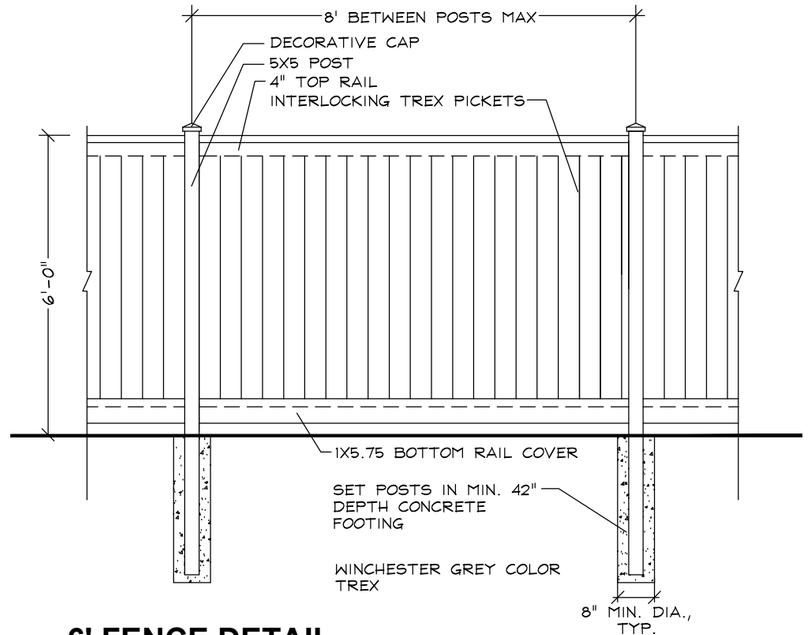


PROJECT LOCATION
SCALE: 1"=400'

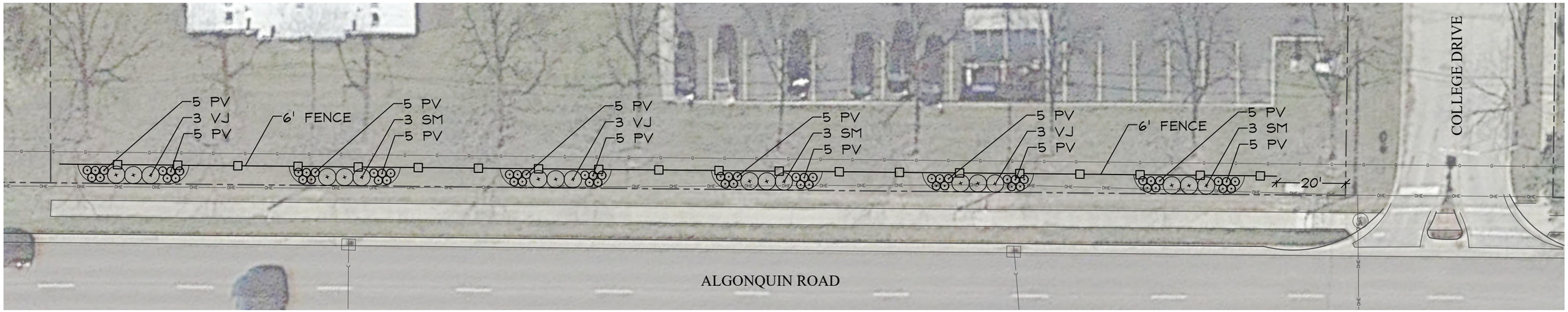
NORTH

PLANT LIST

Key	Qty	Botanical/Common Name	Size	Remarks
		DECIDUOUS SHRUBS		
SM	9	Syringa meyeri 'Palibin' DWARF KOREAN LILAC	30" Tall	4' O.C.
VJ	9	Viburnum x 'juddii' JUDD VIBURNUM	36" Tall	4' O.C.
		ORNAMENTAL GRASS		
PV	60	Panicum virgatum 'Haense Herms' RED SWITCH GRASS	#1	30" O.C.
		MISC. MATERIALS		
	6	SHREDDED HARDWOOD MULCH	C.Y.	
	352	6' FENCE	L.F.	



6' FENCE DETAIL
NOT TO SCALE



BUFFER YARD FENCE AND PLANTING PLAN

0 15' 30' 60'
SCALE: 1"=30'

NORTH

OFFSITE SCREENING EXHIBIT
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

1/24/2022

JACOB & HEFNER ASSOCIATES

GARY R. WEBER ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
WWW.GRWAINC.COM

L:\Projects\JH21117\Acad\JH21117_B01_0

Attachment: Off-site screening and landscaping plan 522 E. Algonquin Road and (part of)1825 S. (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

PLANT LIST

Key	Qty	Botanical/Common Name	Size	Remarks
		EVERGREEN SHRUBS		
TO	3	Thuja occidentalis 'Techny'	5' Tall	5' O.C.
		TECHNY (MISSION) ARBORVITAE		
		MISC. MATERIALS		
	1	SHREDDED HARDWOOD MULCH	C.Y.	

0 10' 20'
SCALE: 1"=20'

NORTH

OFFSITE SCREENING
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS
1/24/2022

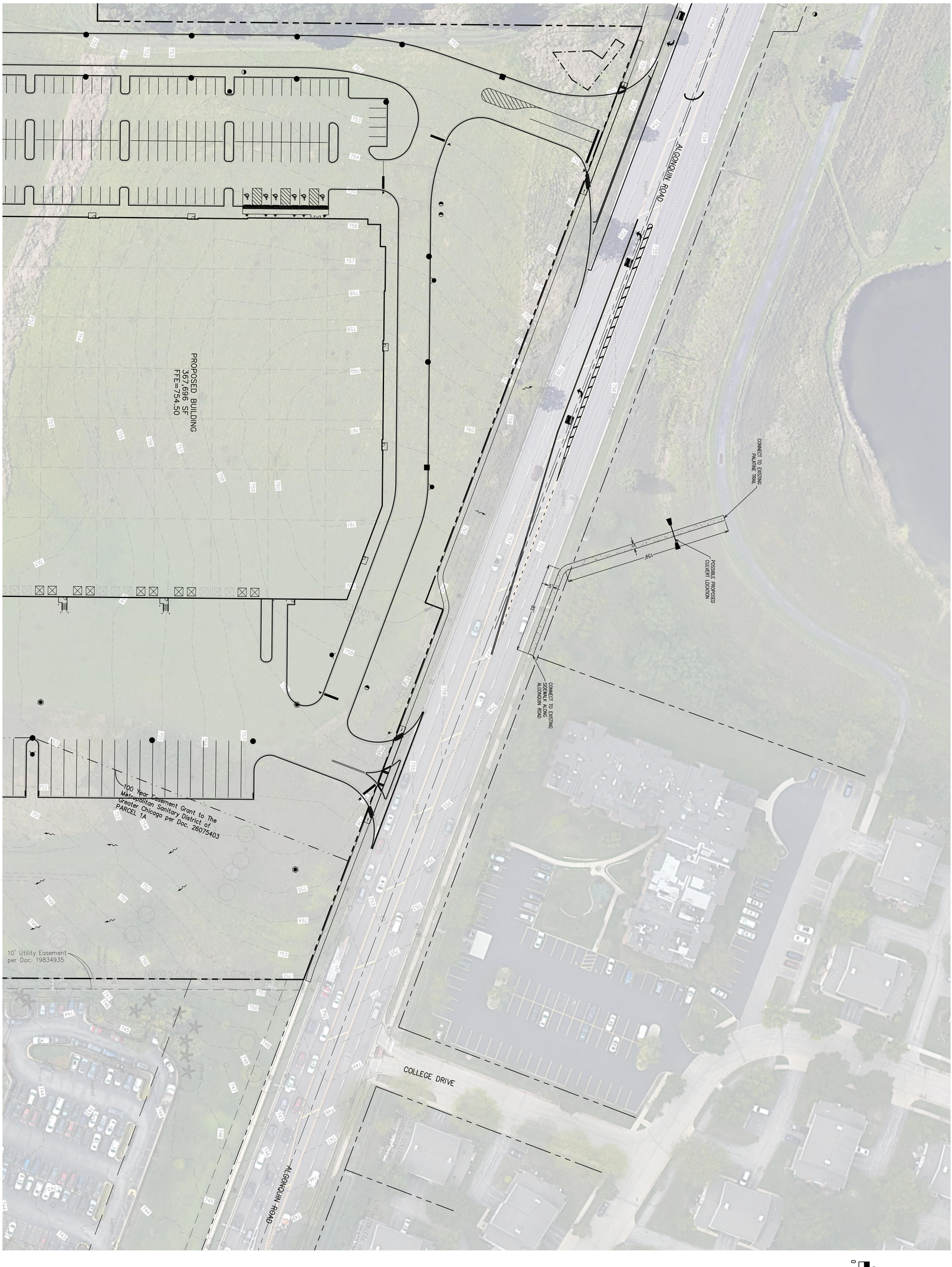
JACOB & HEFNER ASSOCIATES

GARY R. WEBER ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
WWW.GRWAINC.COM

L:\Projects\JH21117\Acad\

Attachment: Initial College Hill offsite landscaping JH21117_B01_02EX (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

\\PE2950-1\Projects\F\F076\F076a\E\Dwg\Final\Exhibits\F076a-Sidewalk Exhibit.dwg



GRAPHIC SCALE 1" = 40'
0
20'
40'
80'

SW-1	F076a	1" = 40'

JACOB & HEFNER ASSOCIATES
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SIDEWALK EXHIBIT

623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
1	ORIGINAL EXHIBIT DATE	1/6/22

Attachment: Off-site sidewalk evaluation plan (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

VILLAGE OF PALATINE

VILLAGE OF PALATINE
Plan Commission

SCHEDULED 03/15/22 07:00 PM

CASE STAFF STATEMENT (ID # 7423)

Final Planned Development, Final Plat of Subdivision, and Rezoning To Planned Development at 607, 613, and 623 (part of) E. Algonquin Road and 1825 (part of) S. Roselle Road

CASE NUMBER: 22-08

PETITIONER: Logistics Property Company LLC - <https://logisticspropco.com/>

LOCATION: 607, 613, and (part of) 623 E. Algonquin Road and (part of) 1825 S. Roselle Road

PROPOSAL: Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development to allow for the development of a 367,696 square foot warehouse/distribution/light manufacturing building, with an associated parking lot and truck docks (36 initially proposed and 24 potential additional future docks) on the east side of the building.

ZONING AND LAND USE:
The Subject Property is 28.55-acres and is currently zoned R-1. It is presently vacant and unimproved. Its underlying zoning dates to its annexation from unincorporated Cook County, which is the zoning designation for all properties upon annexation. The Petition received Preliminary Planned Development approval in December 2021.

SURROUNDING CONDITIONS:

North:	522 E. Algonquin Road - 3-story condominium building - zoned R-6 Planned Development - Village of Schaumburg (note the College Hill townhomes - east of 522 are also zoned R-6 Planned Development)
South:	Archdiocese of Chicago and MWRD wetlands; R-1 from annexation
East:	Nation Pizza and Foods - zoned M-1 - Manufacturing - Village of Schaumburg
West:	St. Michael The Archangel Catholic Cemetery and Mausoleum - Village of Palatine - R-1 from annexation

COMPREHENSIVE PLAN:

The Subject Property was annexed into the Village in September 2020. As the property was not part of the Village previously, it was not a component of the Comprehensive Plan. With the approval of the Preliminary Planned Development, the initial site plan for the approximately 367,000 square foot warehouse/distribution light/manufacturing use was conditionally approved.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

BACKGROUND:

The Village Council conditionally approved the Preliminary Planned Development and Preliminary Plat of Subdivision for the LPC property on Algonquin Road on December 13, 2021. Since that time, the Petitioner has complete the Final Engineering,

architectural, and landscaping plans and is therefore requesting the following:

Final Planned Development;

Final Plat of Subdivision; and

Rezoning to Planned Development.

ANALYSIS:

- The Preliminary Planned Development approval included both plan changes and conditional recommendations, subsequent to the initial Public Hearing, including the following:
    - The eastern exit (right-out/right in) was relocated 65 feet to the east. The approach angle was also rotated several degrees clockwise. The changes were made to direct any headlights away from the residential buildings and into the parking lot.
    - The landscape plans were to be revised to include 8-foot tall evergreen trees, within 200 feet of the Algonquin Road and will also increase the number of front yard evergreens by 50%. This adds numerous evergreen trees, in addition to the other landscaping and contemplated berming.
    - The Petitioner also provided examples of 12-foot screening walls used at other LPC properties to reduce noise impact and screen the residential properties. The examples provided would add additional sound reduction and are of the same architectural material as the building walls. This could be further evaluated through the Final Planned Development review process.
- The architectural plans were also updated to include additional glazing at the hard corners of the building and a “cleaner” elevation from the initial plans. The bulk requirements and limitations are in line with the Preliminary approval.
- The following lists the Preliminary Planned Development conditions and statuses:

1. **The Final Engineering Plans shall be revised in a manner acceptable to the Village Engineer, including the following:**

    a. **All watermain, regardless of pipe material shall have a #10 tracing wire taped or tied to the top of the pipe and a whip end brought to the surface at all valve vaults and fire hydrants.**
    b. **MWRD/WMO permit - as discharge is shown into an MWRD easement, this shall be clearly identified in the WMO permit and indicated on the plans.**

    Completed.

2. **An Engineer's Estimate of Probable Cost shall be submitted in a manner acceptable to the Village Engineer.**

    Completed. The Final Planned Development Condition will require that the engineering plans/EEOPC shall be revised in a manner acceptable to the Village Engineer.

3. **Uses shall be governed by the Manufacturing district use lists in the Village of Palatine Zoning Ordinance (note - this includes all of the required performance standards). Sign plans shall follow the Manufacturing district sign regulations.**

    This will remain a condition of the Final Planned Development to govern all future uses of the property. The submitted monument freestanding sign plans also conform to the manufacturing district sign regulations.

4. **Review fees in the amount of 1.5% of total project improvement costs shall be submitted in a manner acceptable to the Village Engineer.**

    This will remain a condition of the Final Planned Development and would incorporate any relevant changes to the EEOPC.

5. **As a component of the Final Planned Development, a Planned Development letter of credit in an amount acceptable to the Village Council shall be submitted in a manner acceptable to the Director of Planning and Zoning.**

    This is a Code requirement and would remain a condition of the Final Planned Development.

6. **The final landscape plan and screening plans shall be revised in a manner acceptable to the Director of Planning and Zoning and shall include additional landscaping to screen the truck activities. All evergreen trees**

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

within 200 feet of the Algonquin Road property line shall be installed at a minimum height of 8 feet. The number evergreen trees located within the front yard, per the Gary R. Weber and Associates landscaping plans, shall be increased by 50%.

Completed. The plans were revised accordingly and all of the evergreens on the north side of the building were upsized to 8 feet. Additionally, the number of evergreens were increased to 87, from the originally proposed 38 (6-foot) evergreens. The landscaping plan will remain a condition of Final Planned Development.

7. **The final landscaping/screening plan along the northern and eastern property lines (proximate to the truck docks) shall be revised in a manner acceptable to the Director of Planning and Zoning, to reduce any noise impact from trucks traffic and headlight sweeps. As part of these revisions, the front yard landscaped area north of the building, should provide an additional berm, to further provide additional landscaping and screening. The use of an additional screening could also be a component of the revisions on the northeast and eastern sides of the property. <u>These revisions should also evaluate the potential to include additional landscaping/screening for the residential properties on the north side of Algonquin Road. This evaluation and any proposed changes to the landscaping and screening plans should be submitted for Village review, as part of the Final Planned Development application process, with the Petitioner being responsible for those costs associated with any Village-Petitioner agreed upon landscaping costs to further screen the residential properties on the north side of Algonquin Road.</u>**

Partially complete and ongoing. In addition to increasing the height and number of evergreens in front of the building, the engineering plans increased the berm along Algonquin Road up to 12 feet in height. The engineering plans also include screening walls to be of a precast material and color of the warehouse building. The truck docks are now approximately 13 feet below the berm.
Per the Preliminary Planned Development, Staff provided the HOA contact information for the 522 E. Algonquin Road condominiums and the College Hill townhomes. The developer engaged both HOAs in early January 2022 and continues to discuss the added screening. For the 522 property, the developer presented a concept plan with a solid 6-fence (352 linear feet along Algonquin Road directly north of the Subject Property) and landscaping. The developer is proposing a payment for the HOA to complete this improvements.

For the College Hill property (specifically 2547-49 building), the developer submitted a landscaping plan to install additional arbor vitaes at the corner of College Hill and Algonquin Road. The developer is proposing a payment for the HOA to complete this improvement.

With the increases in evergreen height/quantity, the berm expansion along Algonquin Road, and the placement of the screening walls framing the truck drives and access points, Staff believes that the Petitioner has addressed the improvements that could be accomplished, per this condition.

8. **The final photometric and lighting plan shall be revised in a manner acceptable to the Village Engineer. Light shields shall be required for all lights proximate to residential properties, at the determination of the Village Engineer. The use of pole mounted fixtures should also be evaluated on the north side of the property to ensure the appropriate cut-off from any additional light spillage.**

Ongoing. This will remain a condition of the Final Planned Development

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

and is consistent with the Midwest Industrial Funds Final Planned Development approval. The Petitioners submitted a site lighting narrative and concur with the installation of light poles (direct down) along the Algonquin Road frontage to restrict light spill adjacent to the residential properties.

9. **MWRD/WMO, IEPA water permit, and NPDES (National Pollutant Discharge Elimination System) shall be submitted in a manner acceptable to the Village Engineer.**
   Ongoing. This will remain a condition of Final Planned Development requiring that all extra-agency permits are submitted in a manner acceptable to the Village Engineer.
13. **The final traffic directional signage plan shall be submitted in a manner acceptable to the Village Engineer.**

    Ongoing. This will remain a condition of Final Planned Development and would be reviewed as part of the building permit process.
15. **Cross access easements, declarations and a Reciprocal Easement Agreement for the entire property governing the maintenance of access points, stormwater areas and any other common areas shall be submitted in a manner acceptable to the Village Attorney and Village Engineer as part of the Final Planned Development application process.**

    Ongoing. This will remain a condition of Final Planned Development and would be reviewed as part of the building permit process.

16. **The monotony code shall apply to all building elevations:**
    Sec. 6-42.1 Exterior Building Design: When rear and side elevations are visible from public streets or neighboring properties, exterior building design and detail on all elevations shall be coordinated with regard to color, types of materials, number of materials, architectural form, and detailing to achieve harmony and continuity of design.
    Complete. The Petitioners are aware of this requirement and the submitted architectural plans address this condition.
18. **The final dumpster locations and required screening materials shall be submitted in compliance with Village Code, pursuant to Sec. 6-42.2 Screening: (a)**

    Trash containers and outdoor storage areas shall be screened from public streets, pedestrian areas, and neighboring properties. The screens should be designed to be compatible with the architectural character of the development. Trash screens shall also meet the

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

requirements of Chapter 12 of this code. These screens shall be constructed of durable materials similar to those of the building and shall have solid (opaque) walls and doors, as part of the Final Planned Development application process. The final locations could also require the submission of a revised auto-turn, in a manner acceptable to the Director of Fire Prevention.

Ongoing. This will remain a condition of Final Planned Development, as the final tenants have not been identified. This is consistent with the Midwest Industrial Funds Final Planned Development.

19. **All rooftop equipment shall be screened in compliance with Code:**

(b) Roof-top equipment screening: 1. New Construction. All mechanical equipment and other similar devices located on any roof shall be visually and acoustically screened on all sides. Design and detail of such screening on all elevations shall be coordinated with regard to color, types of materials, number of materials, architectural form, and detailing to achieve harmony and continuity of design with the major portions of the building.

Ongoing. This will remain a condition of Final Planned Development, as the final tenants have not been identified. This is consistent with the Midwest Industrial Funds Final Planned Development.

20. **All of the loading docks shall utilize a dock seal mounting to the exterior of the building, in a manner acceptable to the Community Development Director. The dock seals would then allow for the trailers to connect and provide interior loading and unloading activities and thereby reduce exterior noises.**

Complete. The Petitioner's narrative confirms that the loading docks will contain dock seals and all loading and unloading will occur from the interior.

21. **As a condition of the Final Planned Development and pursuant to the project narrative, the Petitioner shall submit the proposed business and operations' plans (identified tenants) for Staff review for compliance with the manufacturing use list and standards.**

Ongoing. This will remain a condition of Final Planned Development, as the final tenants have not been identified.

22. **<u>The final engineering plans should evaluate the potential to complete a sidewalk connection on the north side of Algonquin Road to further provide connectivity to Harper College and the existing Palatine Trail system, in lieu of the full extension of the sidewalk on the north side of the Subject Property. If the sidewalk extension on the north side of Algonquin Road is determined to be feasible, the Village would pursue any required</u>**

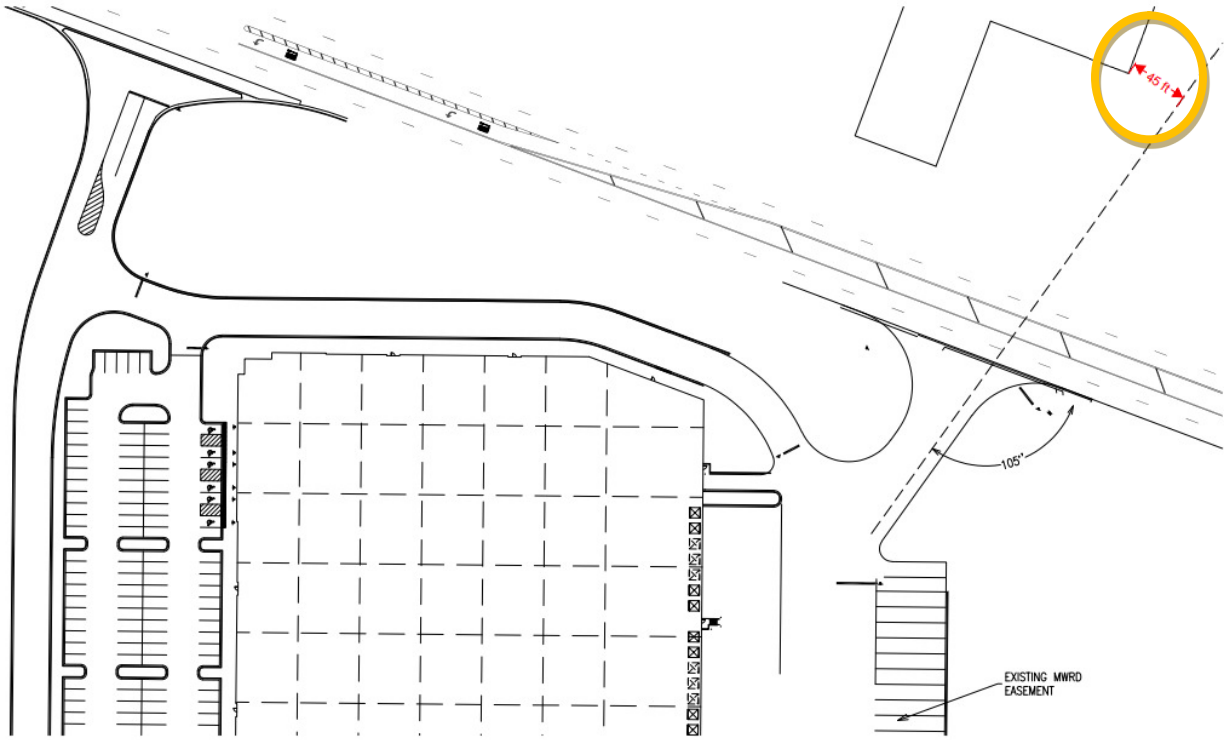
Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

permits and property owner approvals and the Petitioner would contribute the proportional costs to complete that extension, based upon the finally accepted Engineers Estimate of Probable Cost to install the sidewalk on the Subject Property.

Complete. The Petitioner submitted an engineering plan demonstrating this potential connection, but also noted that the connection is within a drainage swale and would require the permitted of a culver through MRWD, and the Villages of Palatine and Schaumburg. The final engineering plans include a sidewalk along the Algonquin Road frontage.

23. **Based upon the amended site plan by Jacob & Hefner, dated December 2, 2021, the final site plan shall be revised in an manner acceptable to the Village, with regard to the final location of the right-in, right-out access on the east side of the property, in order to provide noise and headlight screening for the residential properties on the north side of Algonquin Road.**

Complete. As noted, the Petitioner relocated the eastern exit (right-out/right in) 65 feet to the east. The approach angle was also rotated several degrees clockwise. These changes will direct the headlights away from the 522 E. Algonquin Road building and into the parking lot.



RECOMMENDATIONS:

The Plan Commission initially reviewed and recommended the Preliminary Planned Development in November 2021 and the Village Council approved, subject to several conditions. Staff believes that the Final Planned Development significantly conforms to the Preliminary Planned Development. The final resolution to any off-site screening will ultimately be a policy matter for the Village Council to review.

The 522 property is located across Algonquin Road from the LPC property. With the proposed LPC building setback (70 feet at its closest point) and the Algonquin Road/State Route 62 ROW (100 feet), there is 170 feet of separation from the 522 building. Additionally, the 522 building appears to be set back approximately 40 additional feet, for a total separation of 210 feet.

The proposed landscaping and screening enhancements should address the concerns raised through the initial review. While the College Hill property is located to the northeast across Algonquin Road from the LPC property, it is directly across from Nation Pizza. As the right-in/right-out was moved 65 feet to the east, the berming, increased landscaping, screening walls, and proposed landscaping plantings on the College Hill property should address these concerns.

Staff again notes that the Nation Pizza property directly east of the Subject Property also maintains a manufacturing zoning designation in the Village of Schaumburg.

Therefore, Staff recommends approval of the Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development, subject to the following conditions:

1. **The development shall substantially conform to the engineering plans by Jacob and Heffner Associates, dated February 28, 2022, the architectural plans by Architects Plus, last revised February 7, 2022, the landscaping plans by Gary Weber Associates, dated January 21, 2022, except as such plans may be changed to conform to Village Codes and Ordinances.**

2. **Uses and signage shall be governed by the Manufacturing district use lists in the Village of Palatine Zoning Ordinance (note - this includes all of the required performance standards). Sign plans shall follow the Manufacturing district sign regulations.**

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

3. **As a component of the Final Planned Development, a Planned Development letter of credit in an amount acceptable to the Village Council shall be submitted in a manner acceptable to the Director of Planning and Zoning.**

4. **The final landscaping/screening plan along the northern and eastern property lines (proximate to the truck docks) shall be revised in a manner acceptable to the Director of Planning and Zoning, to reduce any noise impact from trucks traffic and headlight sweeps. As part of these revisions, the front yard landscaped area north of the building, should provide an additional berm, to further provide additional landscaping and screening. The use of an additional screening could also be a component of the revisions on the northeast and eastern sides of the property. These revisions should also evaluate the potential to include additional landscaping/screening for the residential properties on the north side of Algonquin Road. This evaluation and any proposed changes to the landscaping and screening plans should be submitted for Village review, as part of the Final Planned Development application process, with the Petitioner being responsible for those costs associated with any Village-Petitioner agreed upon landscaping costs to further screen the residential properties on the north side of Algonquin Road.**

5. **The final photometric and lighting plan shall be revised in a manner acceptable to the Village Engineer. Light shields shall be required for all lights proximate to residential properties, at the determination of the Village Engineer. The use of pole mounted fixtures should also be evaluated on the north side of the property to ensure the appropriate cut-off from any additional light spillage.**

6. **The final traffic directional signage plan shall be submitted in a manner acceptable to the Village Engineer.**

7. **Cross access easements, declarations and a Reciprocal Easement Agreement for the entire property governing the maintenance of access points, stormwater areas and any other common areas shall be submitted in a manner acceptable to the Village Attorney and Village Engineer as part of the Final Planned Development application process.**

8. **The final dumpster locations and required screening materials shall be submitted in compliance with Village Code, pursuant to Sec. 6-42.2 Screening: (a)**

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Trash containers and outdoor storage areas shall be screened from public streets, pedestrian areas, and neighboring properties. The screens should be designed to be compatible with the architectural character of the development. Trash screens shall also meet the requirements of Chapter 12 of this code. These screens shall be constructed of durable materials similar to those of the building and shall have solid (opaque) walls and doors, as part of the Final Planned Development application process. The final locations could also require the submission of a revised auto-turn, in a manner acceptable to the Director of Fire Prevention.

9. **All rooftop equipment shall be screened in compliance with Code:**
   (b) Roof-top equipment screening: 1. New Construction. All mechanical equipment and other similar devices located on any roof shall be visually and acoustically screened on all sides. Design and detail of such screening on all elevations shall be coordinated with regard to color, types of materials, number of materials, architectural form, and detailing to achieve harmony and continuity of design with the major portions of the building.
10. **As a condition of the Final Planned Development and pursuant to the project narrative, the Petitioner shall submit the proposed business and operations' plans (identified tenants) for Staff review for compliance with the manufacturing use list and standards.**

For the Final Plat of Subdivision:

1. **The Final Engineering plans shall substantially conform to the Jacob and Hefner Associates engineering plans, last revised February 28, 2022, except as such plan shall be changed to conform with Village Codes and Ordinances and in a manner acceptable to the Village Engineer.**

2. **The Final Plat of Subdivision shall be submitted on a Mylar, with all required signatures.**

3. **Recording fees in an amount of $600 shall be submitted.**

4. **The Final Plan Review fees in the amount of 1.5% of total project improvement costs shall be submitted in a manner acceptable to the Village Engineer.**
5. **A Public Improvement Letter of Credit shall be submitted to insure the completion of all public improvements, as defined within the Village Code, for an amount of 115% of the approved EEOC, along with a cash bond of 10% for the required one-year maintenance period in a manner acceptable to the Village Engineer.**

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

6. **The EEOPC shall be revised in a manner acceptable to the Village Engineer.**
7. **The Petitioners shall submit a Subdivision Improvement Agreement in a manner acceptable to the Village Attorney.**
8. **The cross access easement, declarations, and reciprocal easement agreement regarding the maintenance of the access points, stormwater areas, or any other required common areas shall be submitted in a manner acceptable to the Village Attorney and Village Engineer.**
9. **All extra-agency permits (e.g. IDOT, MWRD, etc.) shall be submitted in a manner acceptable to the Village Engineer.**

ATTACHMENTS:

- Aerial Map
- Revised Final Engineering Plan Set-220228 (1)
- Preliminary and Final ARCH rendering
- Final ARCH LPC - Palatine_Arch_020722
- Palatine_Site A_Final Site Plan_011422
- Final Landscaping plan
- LPC_Screen Berm_02-21-2022
- LPC Monument Sign Detail_02-23-2022
- LPC Monument Sign Plan View_03-07-2022
- LPC Palatine I Plat of Subdivision (1)
- LPC Sidewalk Exhibit_01-06-2022
- Petitioner Narrative - 2022-03-07_LPC Response for Plan Commission_Palatine
- Off-site screening proposal and plan - 522 Algonquin Rd Condominiums (3-story condiminium building directly north of the Subject Property)
- Off-site screening proposal and plan - College Hill landscaping concept plan
- Drvieway Sketch Option 3
- LPC - Palatine - Final ALTA Survey - 01-18-22
- Village of Palatine Final PD SUB REZ Applications
- Public Notice

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

607, 613, 623 E. Algonquin Road & 1825 S. Roselle Road.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

F076a
623 E. ALGONQUIN ROAD
2/28/2022

SITE IMPROVEMENT PLANS

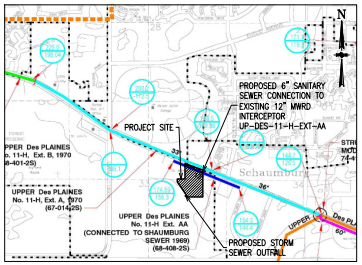
FOR

623 E. ALGONQUIN ROAD

PALATINE, ILLINOIS

LOGISTICS PROPERTY COMPANY

LOGISTICS PROPERTY CO



LOCATION AND MWRD SEWER ROUTING MAP

1" = 2,000'

DRAWING INDEX

SHEET	TITLE
C1	COVER SHEET
C2	OVERALL SITE PLAN
C3.0–C3.4	EXISTING CONDITIONS AND DEMOLITION PLAN
C4.0–C4.4	DIMENSIONAL CONTROL AND PAVING PLAN
C5.0–C5.4	GRADING PLAN
C6.0–C6.4	UTILITY PLAN
C7.0–C7.4	EROSION CONTROL PLAN
C8.0–C8.1	STORMWATER POLLUTION PREVENTION PLAN
C9.0–C9.4	DETAILS
C10	GENERAL NOTES AND SPECIFICATIONS
C11	MWRD GENERAL NOTES AND SPECIFICATIONS
C12	MWRD DRAINAGE EXHIBIT

LEGEND

PROPOSED	DESCRIPTION	EXISTING
C C	STORM SEWER	C C
SW	WATER MAIN (WITH SIZE)	W
S S	SANITARY SEWER	S S
FM	FORCE MAIN	FM
E	UNDERGROUND ELECTRIC	E
OHE	OVERHEAD ELECTRIC	OHE
T	UNDERGROUND TELEPHONE	T
G	UNDERGROUND GAS	G
700	CONTOUR	700
HWL/NWL	HIGH/NORMAL WATER LEVEL	
XX	SILT FENCE	
	RIGHT-OF-WAY	
	CURB	
	DEPRESSED CURB FOR RAMP/DRIVEWAY	
	REVERSE PITCH CURB	
X	FENCE LINE	X
	GUARD RAIL	
	SANITARY MANHOLE	
	STORM MANHOLE	
	STORM INLET	
	STORM CATCH BASIN	
	CLEAN OUT	
	FIRE HYDRANT	
	GATE VALVE AND VAULT	
	STREET LIGHT	
	STREET LIGHT WITH MAST	
T	TRANSFORMER	T
	UTILITY POLE	
	SIGN	
	DRAINAGE DIRECTION	
	OVERFLOW ROUTE	
700.50	SPOT GRADE	701.30
FF	FINISHED FLOOR	
TF	TOP OF FOUNDATION	
G	GROUND	
EP	EDGE OF PAVEMENT	
BC	BACK/TOP OF CURB	
W	TOP OF SIDEWALK	
TW	TOP OF RETAINING WALL	
BW	BOTTOM OF RETAINING WALL	
R=	RIM FOR STRUCTURES	
R	RISER FOR SANITARY SERVICE	
I=	INVERT FOR SEWERS	

WARNING

CALL UTILITY LOCATING SERVICE 1-800-892-0123

CALL BEFORE YOU DIG

(48 HOURS NOTICE REQUIRED PRIOR TO DIGGING)

811

Know what's **below.**
Call before you dig.

Municipality: PALATINE
County: COOK
Section: 33
Township: 42N
Range: 10E

SURVEY REFERENCE NOTE:

EXISTING CONDITIONS AND TOPOGRAPHY ARE SHOWN PER "TOPOGRAPHIC SURVEY," DATED JUNE 24, 2014 AS PREPARED BY JACOB & HEFNER ASSOCIATES, INC.

CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES OR OMISSIONS.

BENCHMARK AND LOCATIONS:

ELEVATIONS ARE BASED ON THE VILLAGE OF SCHAUMBURG VERTICAL DATUM (NGVD).

REFERENCE BENCHMARKS:

BENCHMARK 1 – STATION NAME: VILLAGE OF SCHAUMBURG STATION 2008 – MONUMENT IS A 2" ALUMINUM CAP SET IN 6" X 36" CONCRETE FILLED PVC PIPE, MARKED '2008'. MONUMENT IS LOCATED ON THE EASTERLY SIDE OF HAMMOND DRIVE, APPROXIMATELY 270 FEET SOUTHWESTERLY OF ALGONQUIN ROAD.

ELEVATION=733.54

BENCHMARK 2 – STATION NAME: VILLAGE OF SCHAUMBURG STATION 1002 – MONUMENT IS A 2" ALUMINUM CAP GROUTED IN CONCRETE, MARKED '1002'. MONUMENT IS LOCATED IN THE CENTER MEDIAN OF QUENTIN ROAD, APPROXIMATELY 0.2 MILES NORTHEASTERLY OF ALGONQUIN ROAD.

ELEVATION=736.13

SITE BENCHMARKS:

BENCHMARK NO. 1 CUT CROSS IN EASTERN END OF CONCRETE MEDIAN IN ALGONQUIN ROAD APPROXIMATELY 1550 FEET NORTHWESTERLY OF QUENTIN ROAD. CUR CROSS IS IN CONCRETE AND 1 FOOT SOUTHEASTERLY OF THE EDGE OF GRASS IN THE MEDIAN.

ELEVATION=755.69

BENCHMARK NO. 2 CUT SQUARE IN NORTHWEST CORNER OF CONCRETE TRAFFIC SIGNAL VAULT LOCATED AT THE SOUTHEASTERN CORNER OF ALGONQUIN ROAD AND QUENTIN ROAD.

ELEVATION=739.51

NO.	DESCRIPTION	DATE
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD SUBMITTAL	1/14/22
2	REVISED PER VILLAGE	10/28/21
1	PRELIMINARY PD SUBMITTAL	9/21/21

REVISIONS

CONTACTS

CIVIL ENGINEER
JACOB & HEFNER ASSOCIATES, INC
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, IL 60515
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(630) 652-4630

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ONE NORTH WACKER DRIVE, SUITE 1925
CHICAGO, IL 60606
CONTACT: WIL FREVE
WFREVE@LOGISTICSPROPCO.COM
(630) 452-9516

LANDSCAPE ARCHITECT
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402 WEST LIBERTY DRIVE
WHEATON, IL 60187
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TWOLFE@JACOBANDHEFNER.COM
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ARCHITECTS PLUS DESIGN STUDIO
1320 NELSON CIRCLE
WHEATON, ILLINOIS, 60189
CONTACT: JOHN WHITE
JWHITE@ARCHITECTSPLUSDESIGN.COM
(847) 624-4425

DRAINAGE CERTIFICATE

I, RYAN J. BLOCKER, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINAGE CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THIS DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO ADJACENT PROPERTY FOR STORMS UP TO AND INCLUDING THE ONE HUNDRED (100) YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH ALL APPLICABLE STATE, COUNTY, AND VILLAGE ORDINANCES.

Ryan J. Blocker — 2/28/22
ENGINEER — DATE
RYAN J. BLOCKER
RBLOCKER@JACOBANDHEFNER.COM

ILLINOIS REGISTRATION NO. 062-060791
EXPIRES 11/30/2023

ENGINEER ONLY CERTIFIES SHEETS: C1-C12

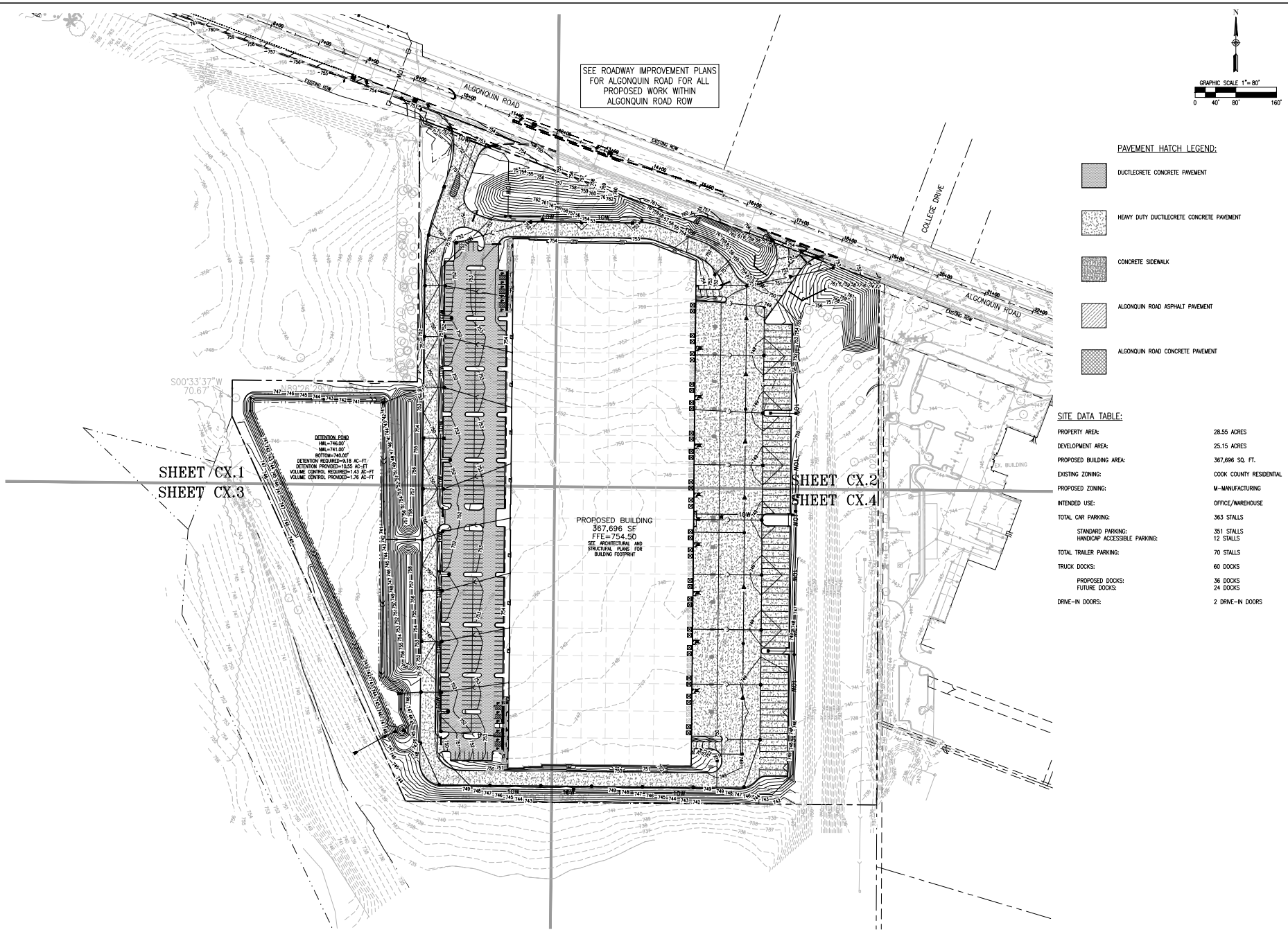
THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE ORIGINAL SIGNATURE, IMPRESSED SEAL, EXPIRATION DATE OF SEAL OF THE ENGINEER AND MARKED "FOR CONSTRUCTION"

LICENSED PROFESSIONAL ENGINEER — RYAN J. BLOCKER 062-060791 — OF ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

FOR REVIEW PURPOSES ONLY

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1925 S. Roselle Road)



No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL FD	
2	REVISED PR	
1	PRELIMINAR	

OVERALL SITE PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER Associates
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

F076a

1" = 80'

C2

Copyright © 2022 Jacob & Hefner Associates, INC.

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1925 S. Roselle Road)

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DEMOLITION HATCH LEGEND

EXISTING TREE TO BE REMOVED

DEMOLITION NOTES:

1. CONTRACTOR SHALL CONTACT JULLIE (1-800-892-0123 OR 811) AND/OR PRIVATE LOCATING SERVICE TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO STARTING ANY DEMOLITION AND/OR EXCAVATION. EXACT LOCATIONS OF ANY EXISTING ELECTRIC, GAS, TELEPHONE, ETC. LINES ARE UNKNOWN.
2. CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
3. CONTRACTOR SHALL OBTAIN ALL NECESSARY DEMOLITION PERMITS AND COORDINATE ALL DEMOLITION WORK WITH THE MUNICIPALITY AND OWNERS REPRESENTATIVE.
4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DEVICES SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE SITE IS OTHERWISE DISTURBED. THEY SHALL BE KEPT OPERATIONAL AND CONTINUOUSLY MAINTAINED THROUGHOUT ALL DEMOLITION AND CONSTRUCTION ACTIVITIES. SEE GEOTECHNICAL REPORT FOR ADDITIONAL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION PLANS FOR ADDITIONAL INFORMATION AND DETAILS).
5. THE PURPOSE OF THE DRAWING IS TO CONVEY THE OVERALL SCOPE OF DEMOLITION WORK AND IT IS NOT INTENDED TO COVER ALL DETAILS OR SPECIFICATIONS REQUIRED TO COMPLY WITH GENERALLY ACCEPTED DEMOLITION PRACTICES. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE SITE, SCOPE OF WORK AND ALL CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR MEANS, METHODS, TECHNIQUES, OR PROCEDURES USED TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND IS SOLELY RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY IN THE PERFORMANCE OF THE WORK. ALL APPLICABLE LAWS, CODES AND CONTRACTOR'S EMPLOYEES DURING THE COURSE OF THE PROJECT.
6. THE DEMOLITION PLAN IS INTENDED TO SHOW REMOVAL OF KNOWN SITE FEATURES AND UTILITIES AS SHOWN ON THE SURVEY PROVIDED TO THE ENGINEER FOR DESIGN. THERE MAY BE OTHER SITE FEATURES, UTILITIES, STRUCTURES, AND MISCELLANEOUS ITEMS BOTH BURIED AND ABOVE GROUND THAT ARE WITHIN THE LIMITS OF WORK THAT ARE NOT SHOWN HEREON. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF SUCH ITEMS.
7. CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCING ANY SITE DEMOLITION OPERATIONS TO COORDINATE ANY DISCONNECTION OR REMOVAL OF EXISTING UTILITIES WITHIN THE PROPOSED AREA OF WORK.
8. CONTRACTOR SHALL COORDINATE ANY SHUT DOWNS OF EXISTING ROADWAYS AND UTILITIES WITH THE NECESSARY GOVERNING AUTHORITIES.
9. ALL EXISTING BUILDINGS, FOUNDATIONS, CONCRETE OR ASPHALT PAVEMENT OR WALKS, CURB AND GUTTER AND MISCELLANEOUS STRUCTURES (INCLUDING, BUT NOT LIMITED TO FENCES, POLES, YARD LIGHTS, ELECTRICAL PANELS, WHEEL STOPS AND MISCELLANEOUS DEBRIS) NOTED TO BE REMOVED, SHALL BE DEMOLISHED, REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
10. VOIDS LEFT BY ANY ITEM REMOVED UNDER ANY PROPOSED BUILDINGS, PAVEMENTS, OR WALKS OR WITHIN 24" THEREOF SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT.
11. AS SOON AS DEMOLITION WORK HAS BEEN COMPLETED, FINAL GRADE OF BACKFILL IN DEMOLITION AREAS SHALL BE COMPACTED PER THE GEOTECHNICAL REPORT TO PREVENT PONDING AND RUNOFF ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL PROVIDE TEMPORARY DIVERSION SWALES OR OTHER MEANS OF MAINTAINING ADEQUATE SITE DRAINAGE.
12. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE ALL TREE REMOVALS WITH THE PROJECT LANDSCAPE PLANS.
13. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
14. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT, CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
15. ALL FIRE ACCESS LANES WITHIN THE PROJECT AREA SHALL REMAIN IN SERVICE, CLEAN OF DEBRIS, AND ACCESSIBLE FOR USE BY EMERGENCY VEHICLES.
16. SEE GENERAL NOTES AND SPECIFICATIONS SHEETS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

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OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN

623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S...	
2	REVISED PR...	
1	PRELIMINAR...	

F076a
1" = 80'
C3.0

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

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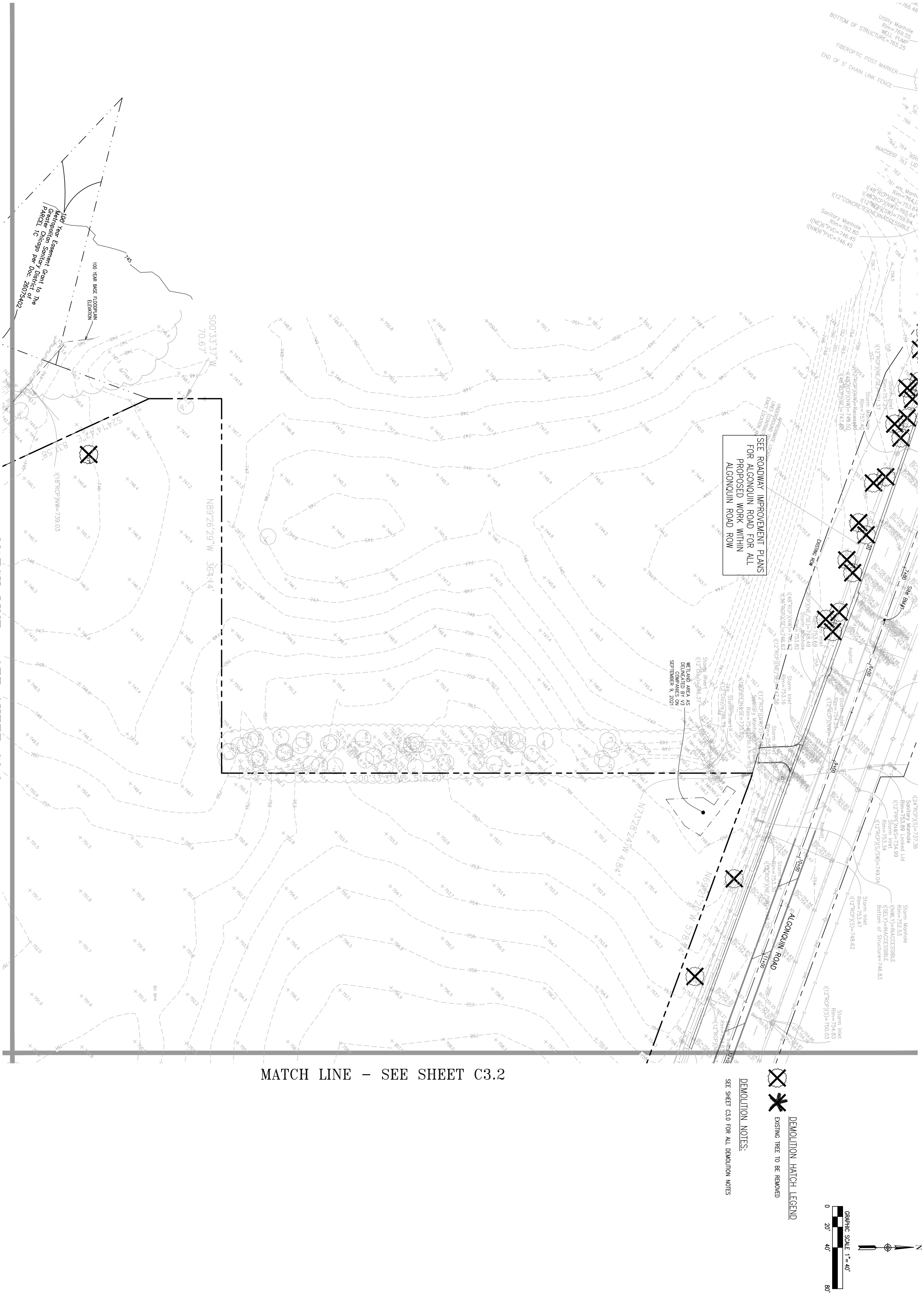

F076a	1" = 40'	C3.1

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EXISTING CONDITIONS AND DEMOLITION PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PE	
1	PRELIMINAR	

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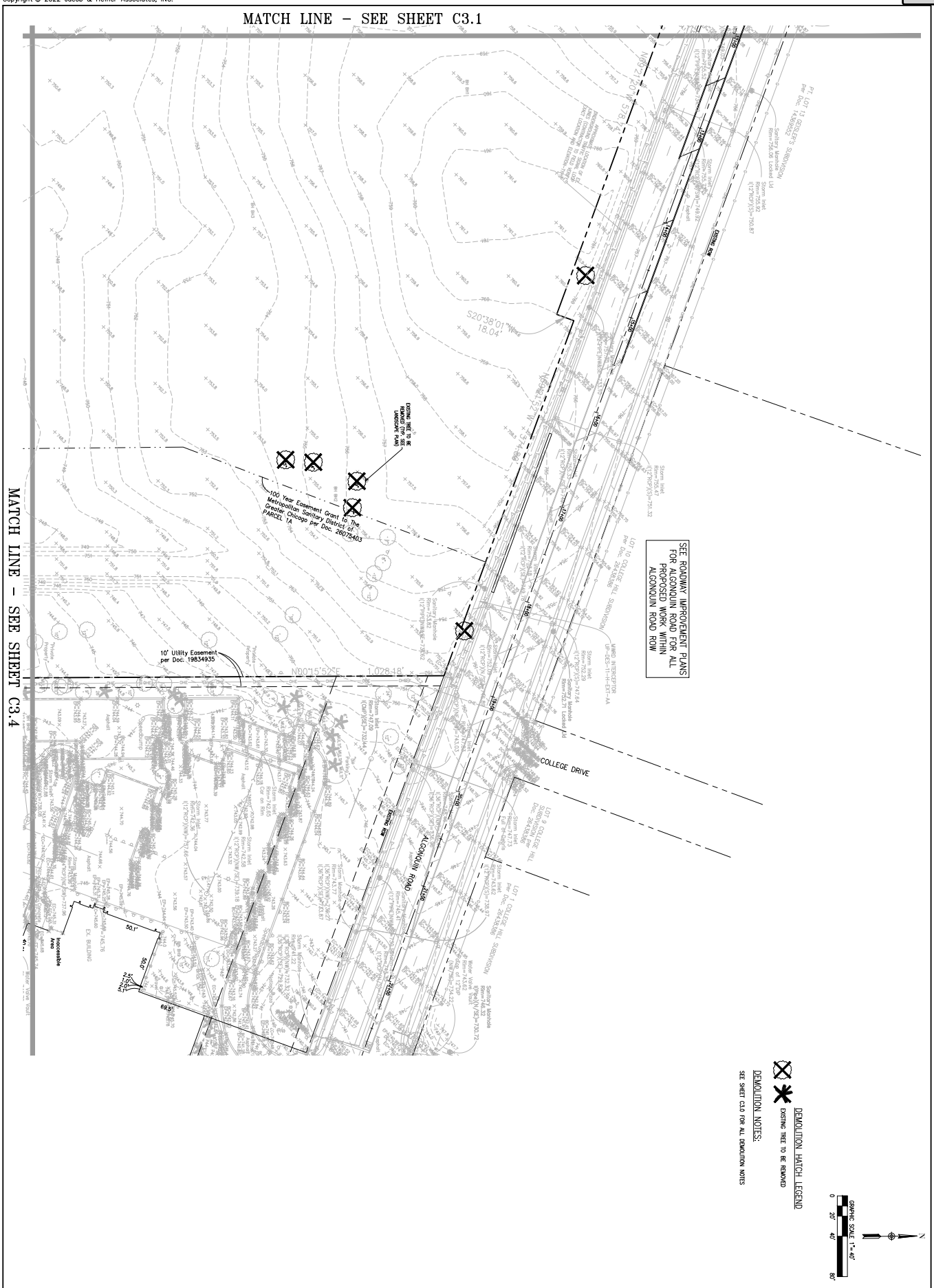

C3.2	1" = 40'	F076a	JACOB & HEFNER ASSOCIATES 1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515 PHONE: (630) 652-4600, FAX: (630) 652-4601 www.jacobandhefner.com	EXISTING CONDITIONS AND DEMOLITION PLAN 623 E. ALGONQUIN ROAD LOGISTICS PROPERTY COMPANY PALATINE, ILLINOIS	4 REVISED PER VILLAGE 2/28/22 3 FINAL PD S 2 REVISED PD 1 PRELIMINAR No. Description Date

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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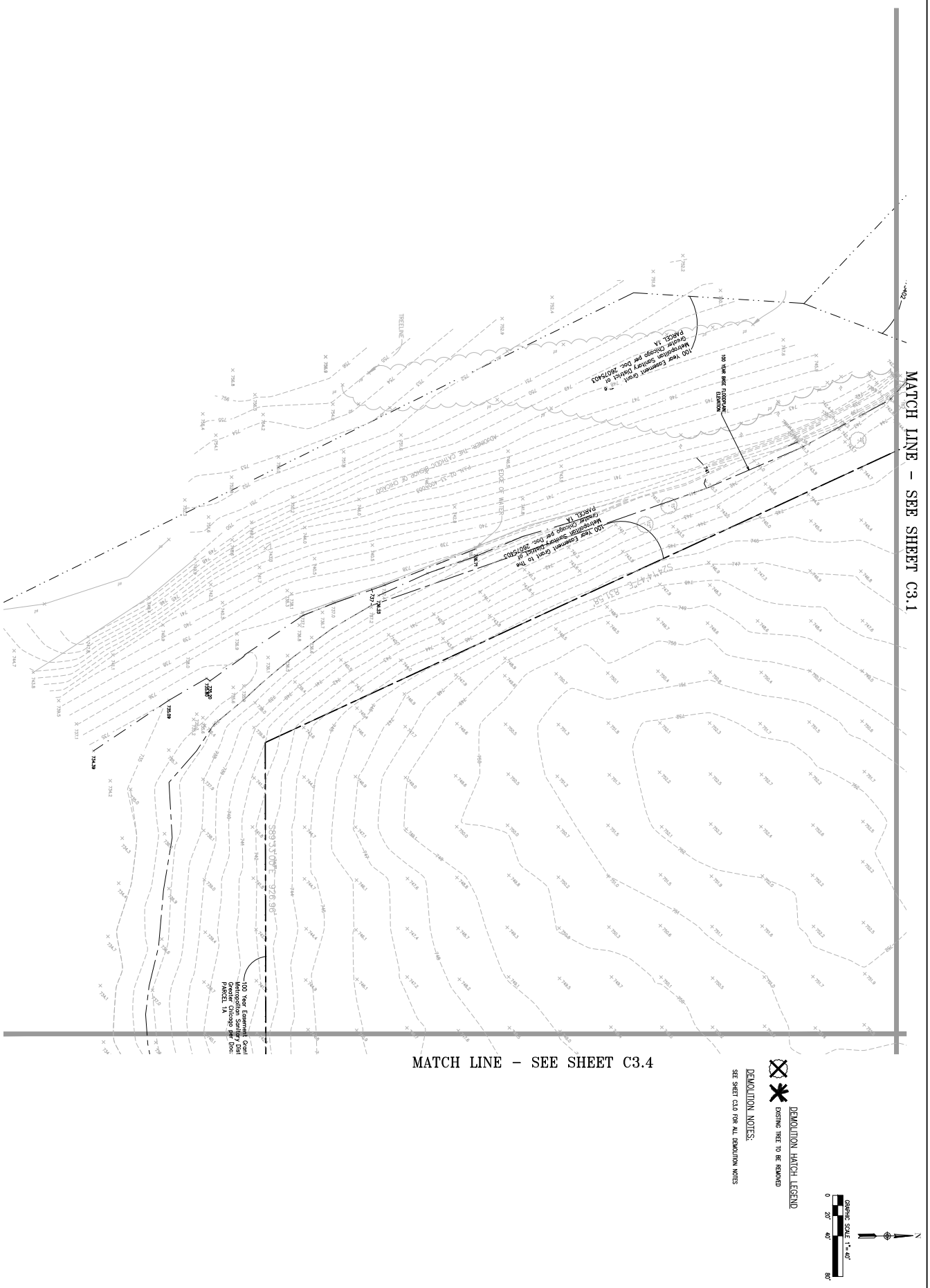

C3.3	1" = 40'	F076a	JACOB & HEFNER ASSOCIATES 1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515 PHONE: (630) 652-4600, FAX: (630) 652-4601 www.jacobandhefner.com	EXISTING CONDITIONS AND DEMOLITION PLAN 623 E. ALGONQUIN ROAD LOGISTICS PROPERTY COMPANY PALATINE, ILLINOIS	4 REVISED PER VILLAGE 2/28/22 3 FINAL PD S 2 REVISED PD 1 PRELIMINAR No. Description Date

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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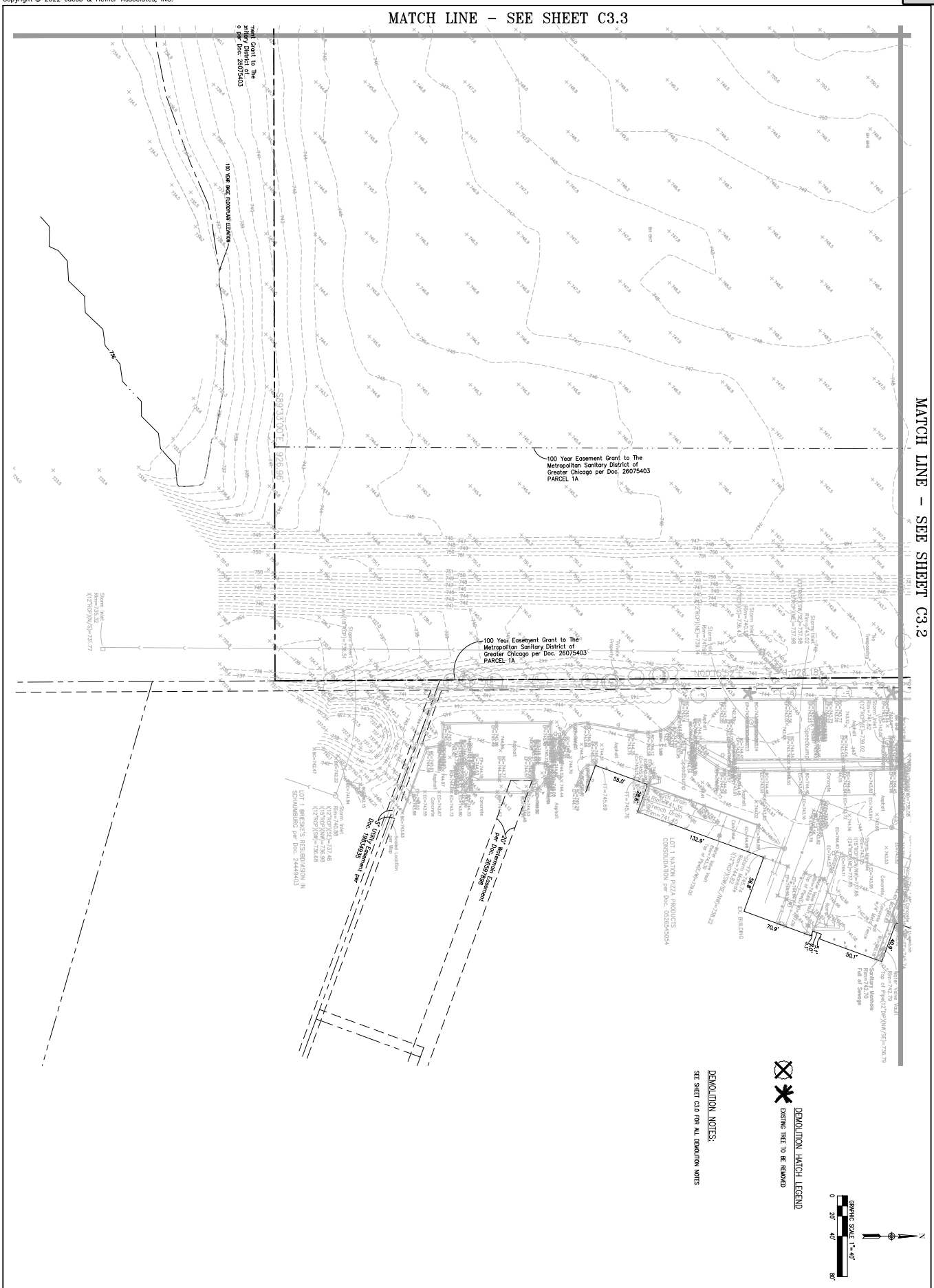

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EXISTING CONDITIONS AND DEMOLITION PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
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2	REVISED PD	
1	PRELIMINAR	

F076a
1" = 40'
C3.4

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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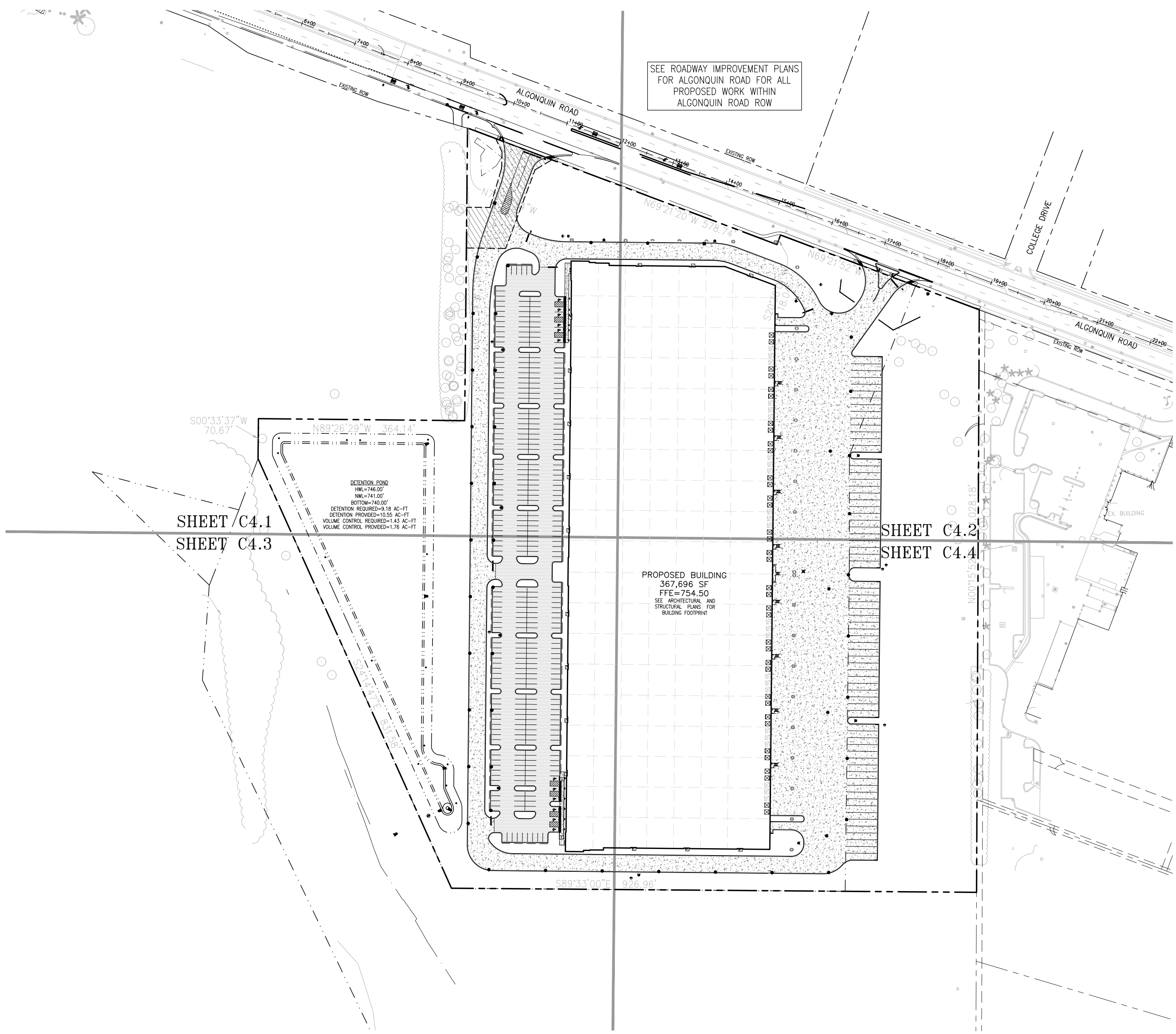

PAVEMENT HATCH LEGEND:

DUCTLECRETE CONCRETE PAVEMENT

HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT

CONCRETE SIDEWALK

CURB LEGEND:

B6.12 CURB AND GUTTER

REVERSE PITCH B6.12 CURB AND GUTTER

DEPRESSED CURB AND GUTTER

NOTE:

REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:

1. ALL DIMENSIONS ARE MEASURED FROM FACE OF CURB OR CENTER OF PAVEMENT MARKING UNLESS OTHERWISE NOTED.
2. ALL CURB RADII ARE 4.5' UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL COORDINATE ALL SITE IMPROVEMENTS WITH ARCHITECTURAL PLANS.
4. ALL PROPOSED PAVEMENT MARKINGS SHALL BE 4" UNLESS OTHERWISE NOTED. PAVEMENT MARKINGS SHALL CONFORM TO ARTICLE 1095.02 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
5. BUILDING DIMENSIONS AND DOORWAY LOCATIONS ARE SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
6. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT, CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
7. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED. SEE LANDSCAPE PLANS FOR PROPOSED TREE AND PLANTING REQUIREMENTS.
8. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

SITE DATA TABLE:

PROPERTY AREA:	28.55 ACRES
PROPOSED BUILDING AREA:	367,696 SQ. FT.
TOTAL CAR PARKING:	363 STALLS
STANDARD PARKING:	351 STALLS
HANDICAP ACCESSIBLE PARKING:	12 STALLS
TOTAL TRAILER PARKING:	70 STALLS
TRUCK DOCKS:	60 DOCKS
PROPOSED DOCKS:	36 DOCKS
FUTURE DOCKS:	24 DOCKS
DRIVE-IN DOORS:	2 DRIVE-IN DOORS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PE	
1	PRELIMINAR	

OVERALL DIMENSIONAL CONTROL AND PAVING PLAN

623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

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F076a
1" = 80'
C4.0

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

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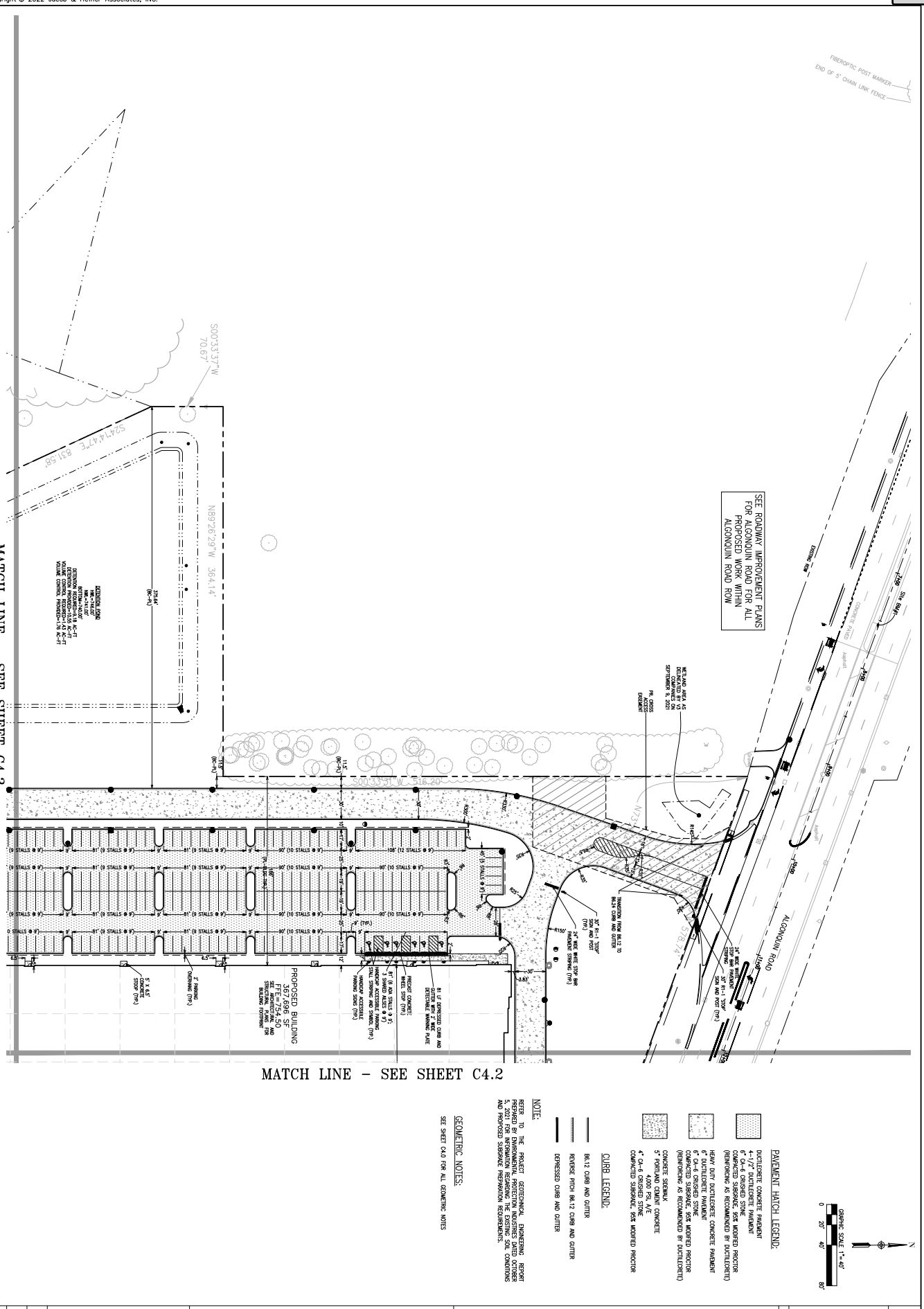


NOTE:

REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:

SEE SHEET C4.0 FOR ALL GEOMETRIC NOTES

CURB LEGEND:

- B6.12 CURB AND GUTTER
- REVERSE PITCH B6.12 CURB AND GUTTER
- DEPRESSED CURB AND GUTTER

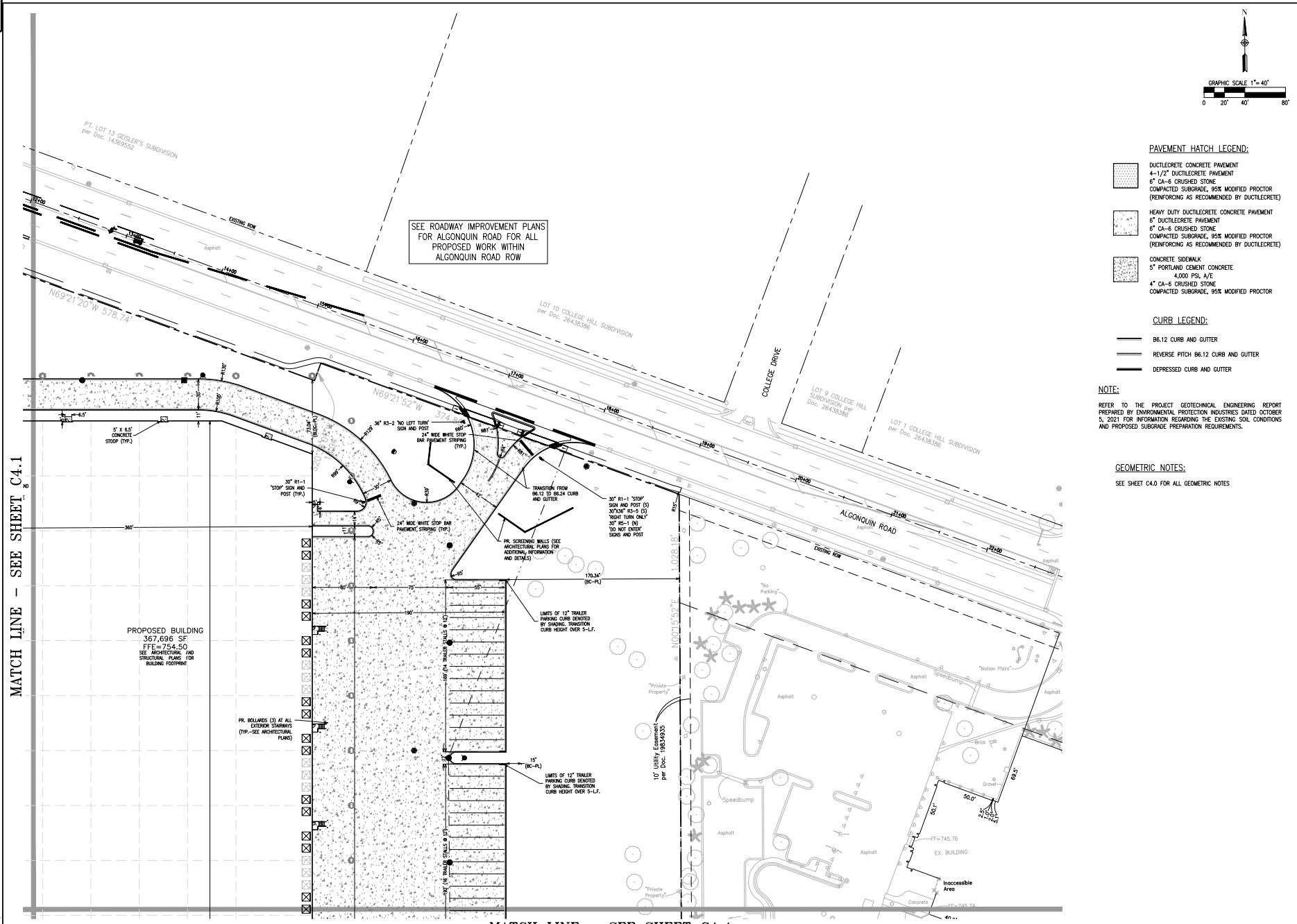
PAVEMENT HATCH LEGEND:

- DUCTILECRETE CONCRETE PAVEMENT 6" DUCTILECRETE PAVEMENT (REINFORCING AS RECOMMENDED BY DUCTILECRETE) 6" CA-6 CRUSHED STONE COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
- HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT 8" DUCTILECRETE PAVEMENT (REINFORCING AS RECOMMENDED BY DUCTILECRETE) 6" CA-6 CRUSHED STONE COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
- CONCRETE SIDEWALK 5" PORTLAND CEMENT CONCRETE 4,000 PSI, A/E 4" CA-6 CRUSHED STONE COMPACTED SUBGRADE, 95% MODIFIED PROCTOR

F076a	JACOB & HEFNER ASSOCIATES	DIMENSIONAL CONTROL AND PAVING PLAN	4 REVISED PER VILLAGE 2/28/22
1" = 40'	1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515	623 E. ALGONQUIN ROAD	3 FINAL PD S
C4.1	PHONE: (630) 652-4600, FAX: (630) 652-4601	LOGISTICS PROPERTY COMPANY	2 REVISED PR
	www.jacobandhefner.com	PALATINE, ILLINOIS	1 PRELIMINAR
			No. Description Date

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.



GRAPHIC SCALE 1" = 40'
0 20' 40' 80'

PAVEMENT HATCH LEGEND:

DUCTILECRETE CONCRETE PAVEMENT
4-1/2" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
6" DUCTILECRETE PAVEMENT
6" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR
(REINFORCING AS RECOMMENDED BY DUCTILECRETE)

CONCRETE SIDEWALK
5" PORTLAND CEMENT CONCRETE
4,000 PSI, A/E
4" CA-6 CRUSHED STONE
COMPACTED SUBGRADE, 95% MODIFIED PROCTOR

CURB LEGEND:

B6.12 CURB AND GUTTER

REVERSE PITCH B6.12 CURB AND GUTTER

DEPRESSED CURB AND GUTTER

NOTE:

REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:

SEE SHEET C4.0 FOR ALL GEOMETRIC NOTES

No.	Description	Date
1	PRELIMINARY	
2	REVISED PER VILLAGE	2/28/22
3	FINAL FD	
4	REVISED PER	

DIMENSIONAL CONTROL AND PAVING PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER Associates
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F076a

1" = 40'

C4.2

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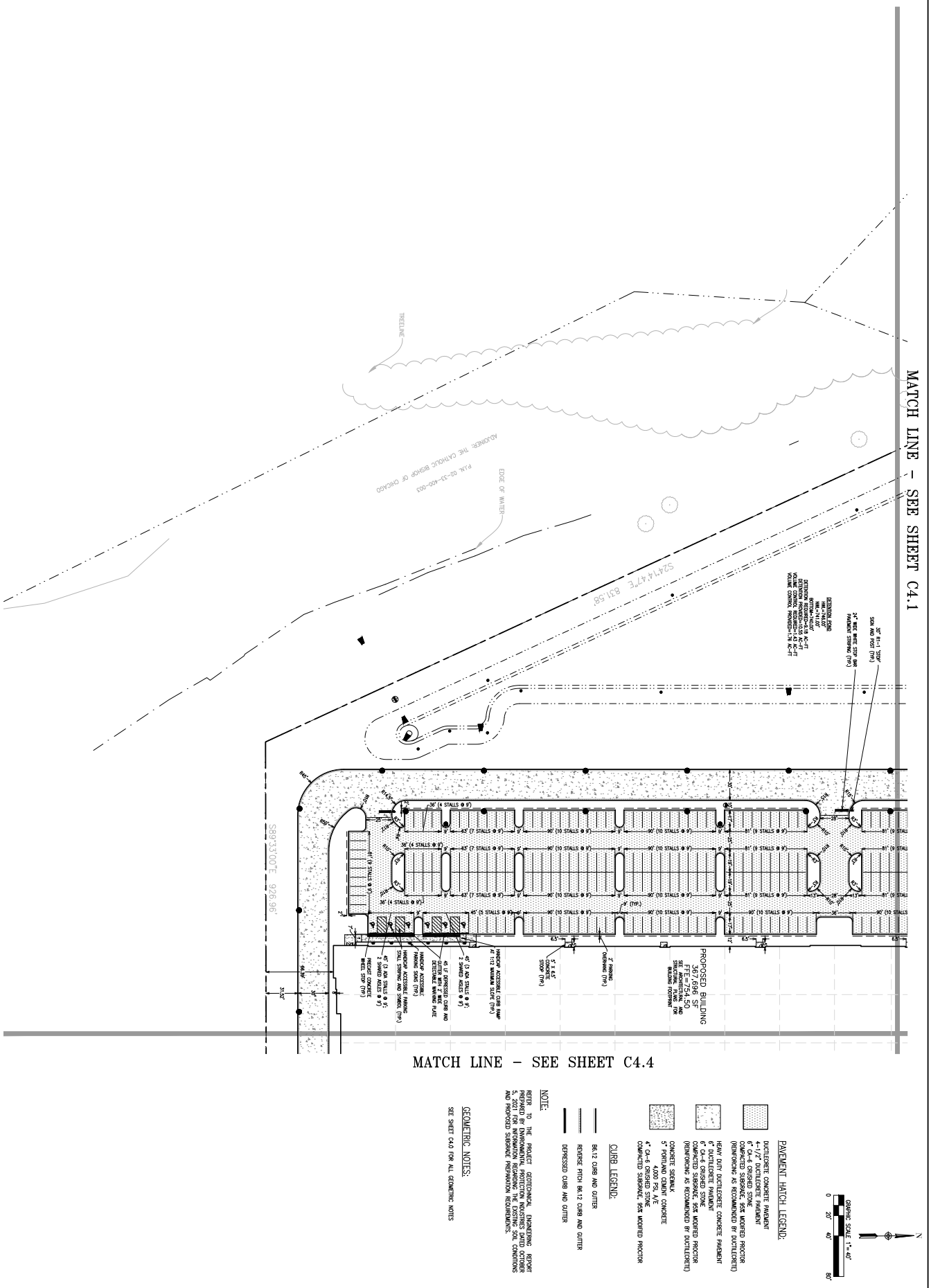

PAVEMENT HATCH LEGEND:

- DUCTILECRETE CONCRETE PAVEMENT
- 7" CONCRETE PAVEMENT OVER 6" CA-6 CRUSHED STONE COMPACTED SUBGRADE, 95% MODIFIED PROCTOR (REINFORCING AS RECOMMENDED BY DUCTILECRETE)
- HEAVY DUTY DUCTILECRETE CONCRETE PAVEMENT
- 6" DUCTILECRETE PAVEMENT OVER 6" CA-6 CRUSHED STONE COMPACTED SUBGRADE, 95% MODIFIED PROCTOR (REINFORCING AS RECOMMENDED BY DUCTILECRETE)
- CONCRETE SIDEWALK
- 5" PORTLAND CEMENT CONCRETE 4,000 PSI, A/E
- 4" CA-6 CRUSHED STONE COMPACTED SUBGRADE, 95% MODIFIED PROCTOR

CURB LEGEND:

- B6.12 CURB AND GUTTER
- REVERSE PITCH B6.12 CURB AND GUTTER
- DEPRESSED CURB AND GUTTER

NOTE:
REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENVIRONMENTAL PROTECTION INDUSTRIES DATED OCTOBER 5, 2021 FOR ADDITIONAL INFORMATION REGARDING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.

GEOMETRIC NOTES:
SEE SHEET C4.0 FOR ALL GEOMETRIC NOTES

GRAPHIC SCALE 1"=40'
0 20' 40' 80'
N

F076a	DIMENSIONAL CONTROL AND PAVING PLAN	
1" = 40'	623 E. ALGONQUIN ROAD	
C4.3	LOGISTICS PROPERTY COMPANY	
	PALATINE, ILLINOIS	

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD	
2	REVISED PD	
1	PRELIMINAR	

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Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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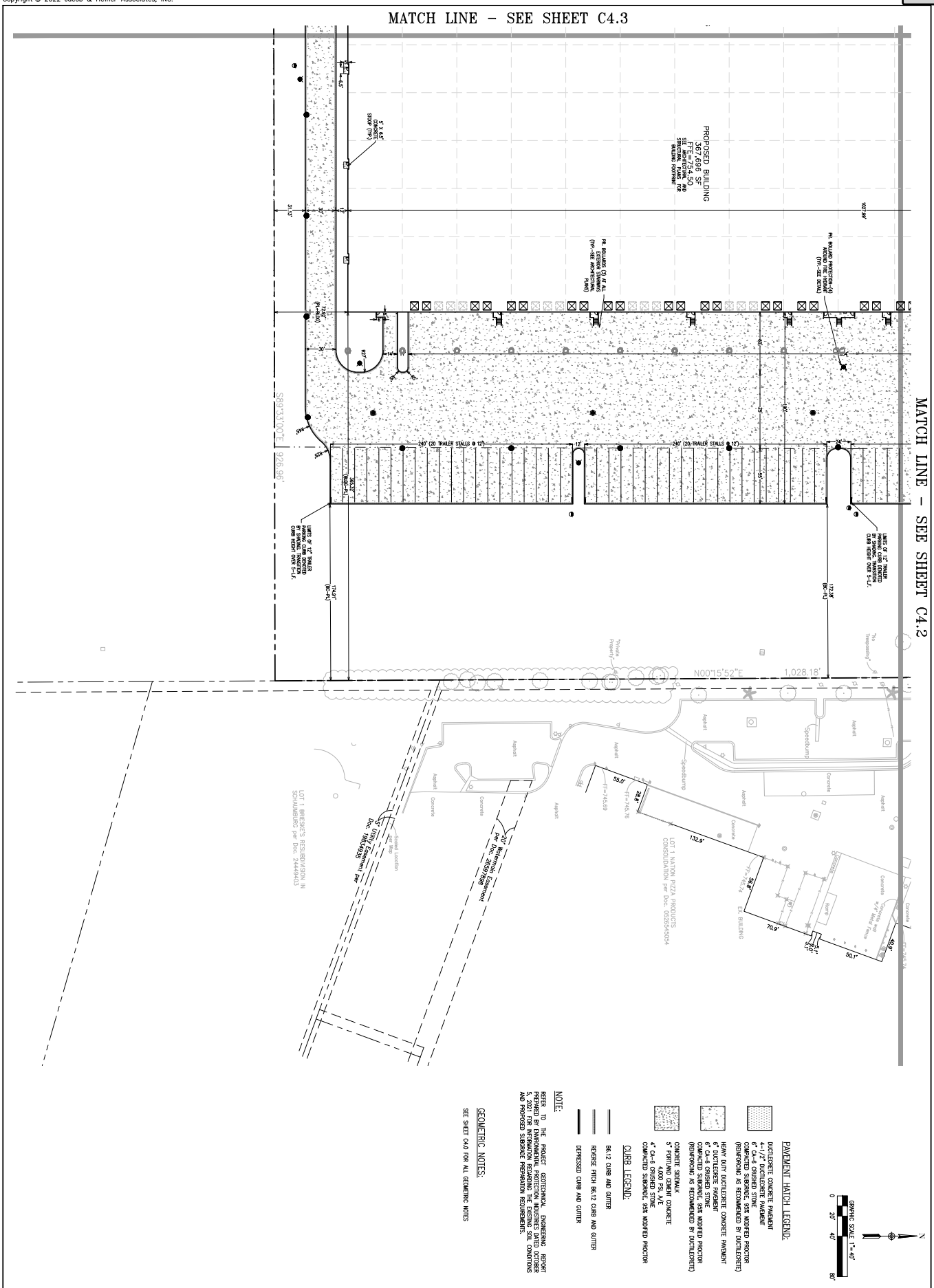

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DIMENSIONAL CONTROL AND PAVING PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD	
2	REVISED PD	
1	PRELIMINAR	

F076a
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C4.4

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GRADING LEGEND:

EXISTING CONTOUR — 700 —

EXISTING SPOT ELEVATION × XXXX

PROPOSED CONTOUR — 700 —

PROPOSED SPOT ELEVATION × XXXX

PROPOSED GROUND/FINISHED GRADE ELEVATION × XXXX

PROPOSED TOP OF SIDEWALK ELEVATION × XXXX

PROPOSED CURB CUT ELEVATION × CC=XXXX

PROPOSED RIM ELEVATION × R=XXXX

MATCH EXISTING ELEVATION × XXXX(MAE)

PROPOSED TOP OF WALL ELEVATION T/WALL=XXX

PROPOSED FINISHED GRADE AT TOP OF WALL T/WALL=XXX(FG)

PROPOSED BOTTOM OF WALL ELEVATION B/WALL=XXX

PROPOSED DRAINAGE DIVIDE

DRAINAGE DIRECTION

OVERFLOW ROUTE

STORMWATER MANAGEMENT SUMMARY TABLE:

DETENTION VOLUME REQUIRED	9.18 ACRE-FEET
DETENTION VOLUME PROVIDED (HWL=746.00)	10.55 ACRE-FEET
VOLUME CONTROL VOLUME REQUIRED	1.43 ACRE-FEET
VOLUME CONTROL VOLUME PROVIDED	1.76 ACRE-FEET

GRADING NOTES:

1. ALL PROPOSED SPOT ELEVATIONS ARE TOP OF PAVEMENT OR FINISHED GRADE ELEVATIONS UNLESS OTHERWISE NOTED.
2. REFER TO THE PROJECT GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON, DATED [illegible], 2021 FOR INFORMATION REGARDING THE EXISTING SOIL CONDITIONS AND PROPOSED SUBGRADE PREPARATION REQUIREMENTS.
3. CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF SITE GRADING OPERATIONS.
4. ALL PROPOSED GRADING, PAVEMENT, APRONS, CURBS, SIDEWALKS, ETC. SHALL MATCH EXISTING GRADES FLUSH.
5. MAXIMUM CROSS SLOPES AND LONGITUDINAL SLOPES FOR ALL CONCRETE AND 5% RESPECTIVELY.
6. MAXIMUM SLOPES WITHIN THE HANDICAP ACCESSIBLE PARKING AREAS AND ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION. HANDICAP ACCESSIBLE ROUTE DENOTED BY: ——
7. MAXIMUM GRADE DIFFERENCE BETWEEN PAVEMENT SURFACES AND ADJACENT CONCRETE SIDEWALKS FOR THE HANDICAP ACCESSIBLE ROUTE TO THE BUILDING SHALL NOT EXCEED 1/4" VERTICAL OR 1/2" WHEN BEVELED.
8. CONTRACTOR SHALL COORDINATE EXTERIOR DOORWAY AND FINISHED GRADE ELEVATIONS WITH ARCHITECTURAL PLANS. ALL HANDICAP ACCESSIBLE DOORWAY LOCATIONS REQUIRE AN EXTERIOR LANDING THAT IS 2% IN ANY DIRECTION.
9. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING TREES TO PRESERVE AS MANY AS POSSIBLE. ANY TREES DAMAGED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
10. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL EXISTING STORM SEWERS WITHIN THE PROJECT AREA DURING CONSTRUCTION OPERATIONS AS NECESSARY TO PREVENT SILT OR DEBRIS ACCUMULATION.
11. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

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OVERALL GRADING PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
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F076a
1" = 80'
C5.0

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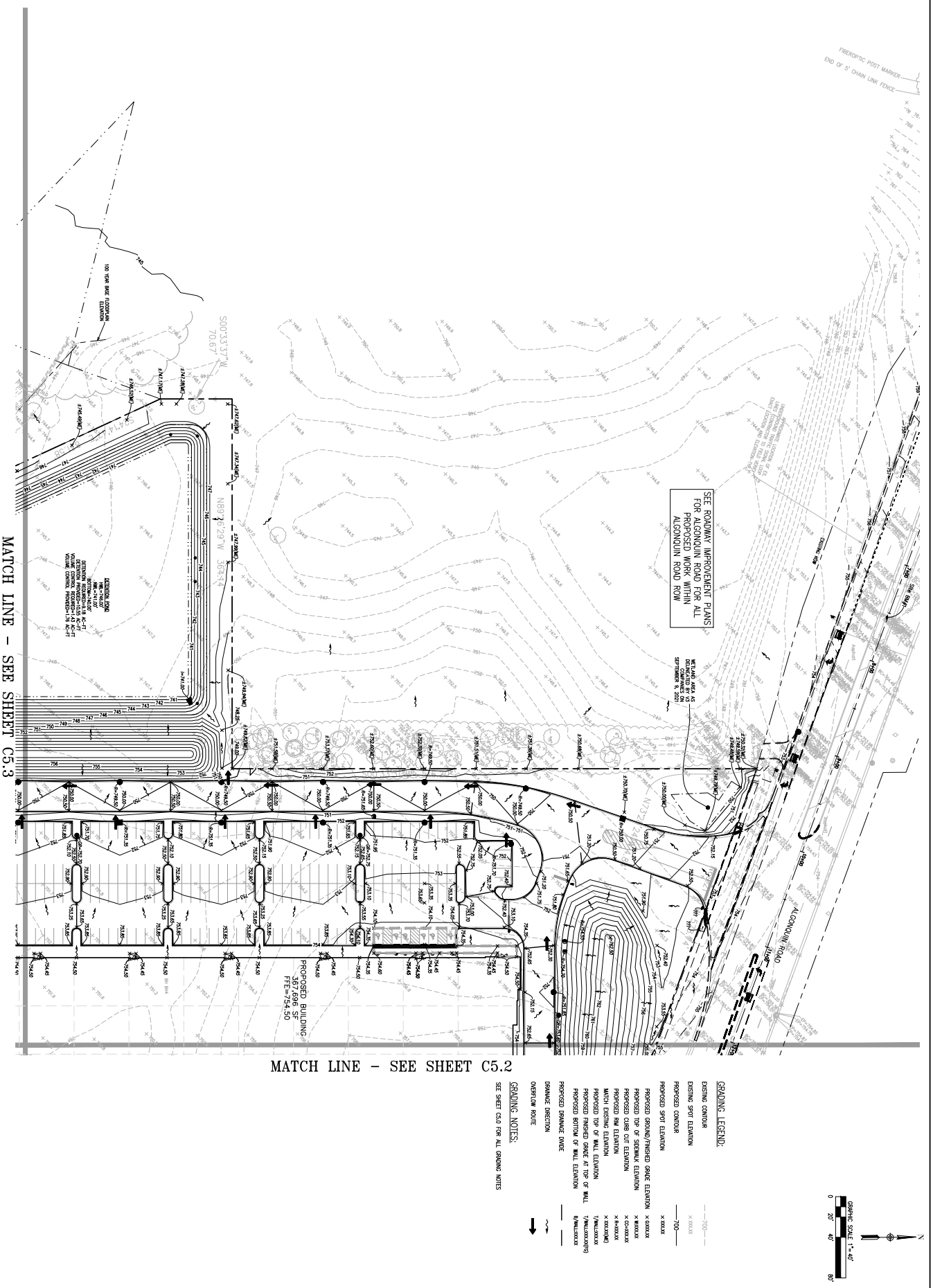

C5.1	F076a	JACOB & HEFNER ASSOCIATES	GRADING PLAN
1" = 40'		1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515	623 E. ALGONQUIN ROAD
		PHONE: (630) 652-4600, FAX: (630) 652-4601	LOGISTICS PROPERTY COMPANY
		www.jacobandhefner.com	PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PD	
1	PRELIMINAR	

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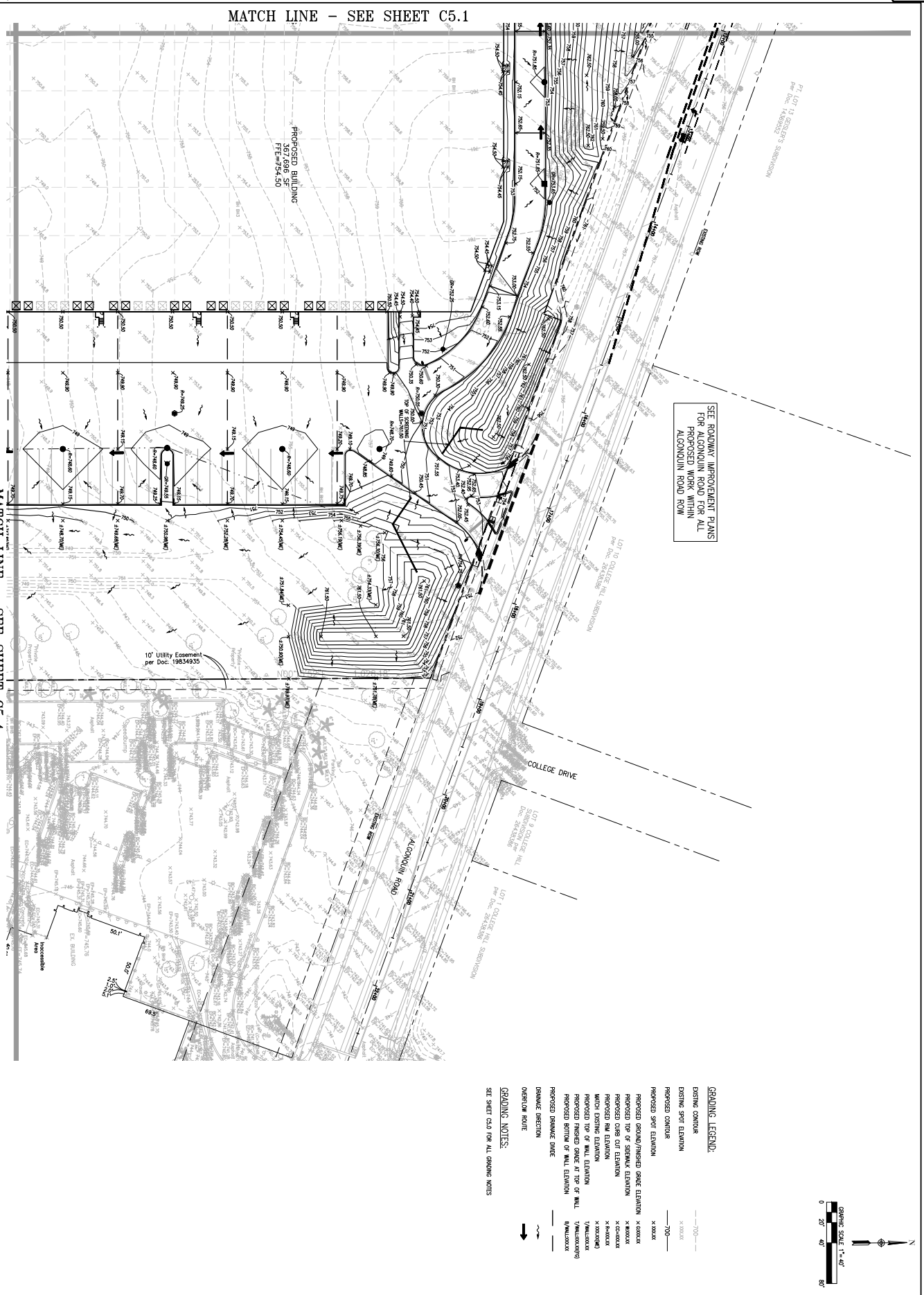

F076a	JACOB & HEFNER ASSOCIATES	GRADING PLAN	4 REVISED PER VILLAGE 2/28/22
1" = 40'	1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515	623 E. ALGONQUIN ROAD	3 FINAL PD S
C5.2	PHONE: (630) 652-4600, FAX: (630) 652-4601	LOGISTICS PROPERTY COMPANY	2 REVISED PR
	www.jacobandhefner.com	PALATINE, ILLINOIS	1 PRELIMINAR
			No. Description Date

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

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GRADING PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PR	
1	PRELIMINAR	

F076a
1" = 40'
C5.3

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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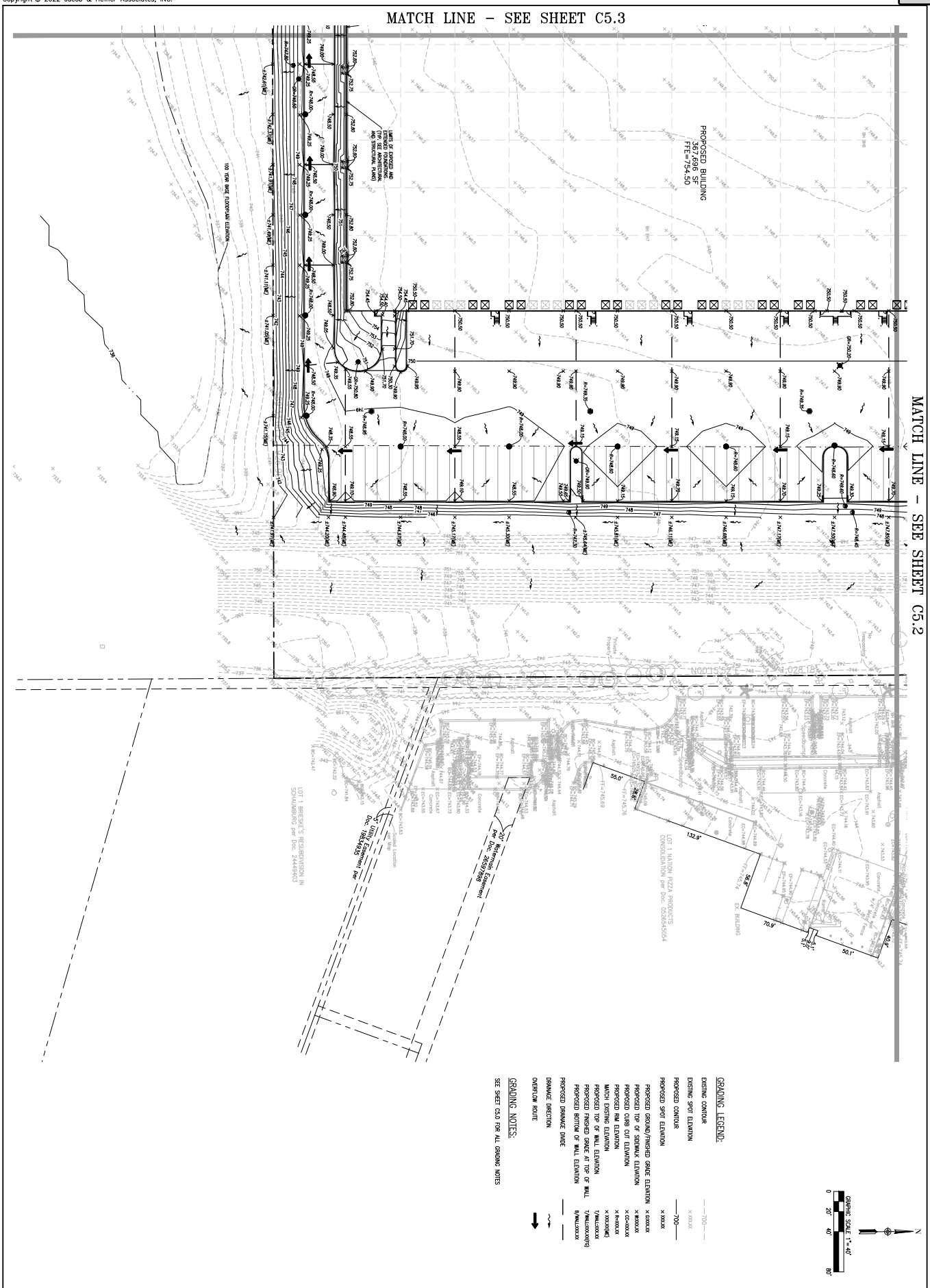

F076a	JACOB & HEFNER ASSOCIATES	GRADING PLAN	4 REVISED PER VILLAGE 2/28/22
1" = 40'	1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515	623 E. ALGONQUIN ROAD	3 FINAL PD S
C5.4	PHONE: (630) 652-4600, FAX: (630) 652-4601	LOGISTICS PROPERTY COMPANY	2 REVISED PI
	www.jacobandhefner.com	PALATINE, ILLINOIS	1 PRELIMINAR
			No. Description Date

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

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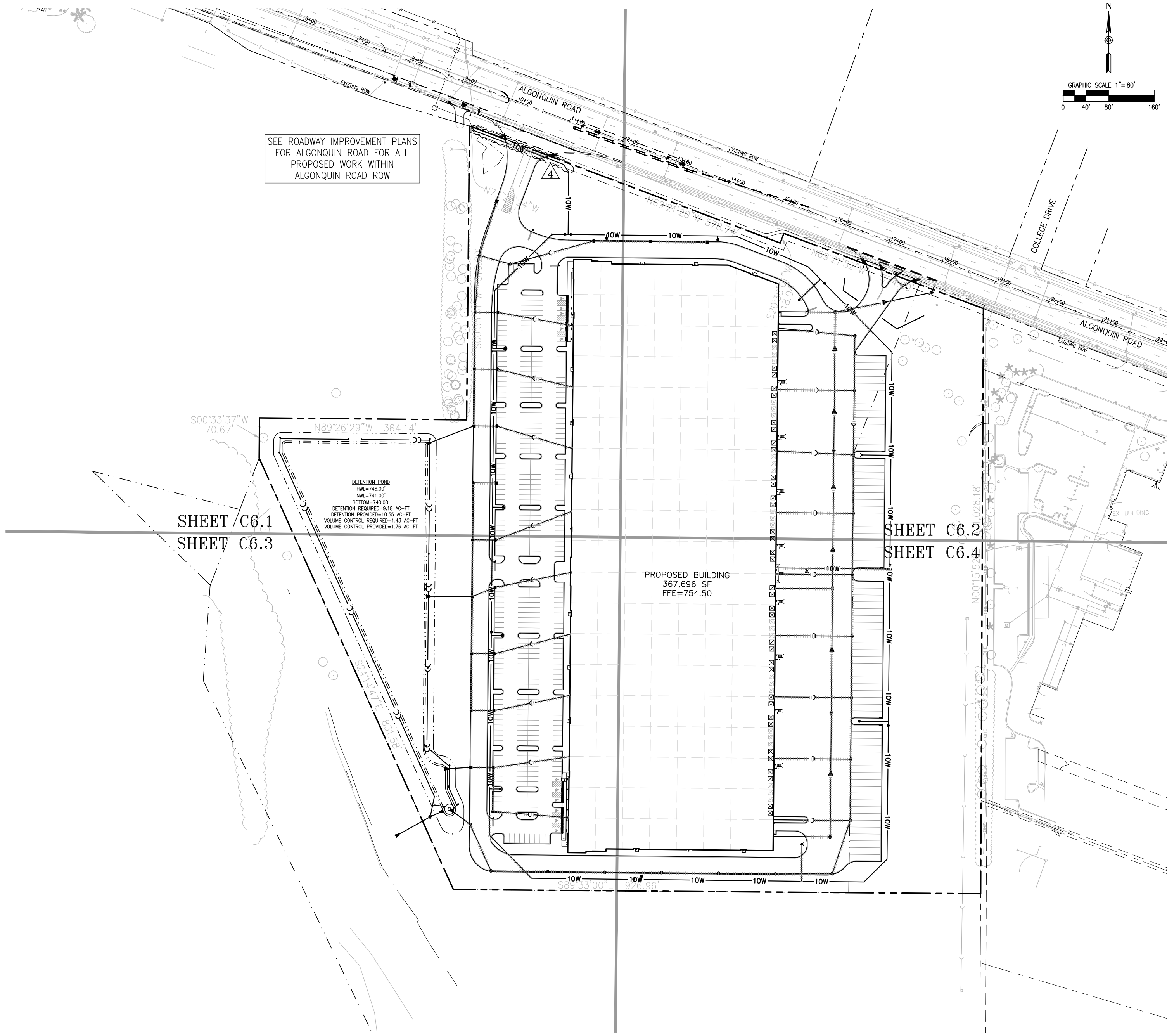

UTILITY NOTES:

1. ALL UTILITY LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURES IN LINEAR FEET.
2. ALL EXISTING UTILITY RIMS, GRADE RINGS, PEDESTALS, ETC. SHALL BE RAISED OR LOWERED AS REQUIRED TO MEET PROPOSED FINISHED GRADE.
3. ALL PROPOSED CONNECTIONS TO EXISTING UTILITY STRUCTURES OR PIPING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE GOVERNING AUTHORITY REQUIREMENTS AND SPECIFICATIONS.
4. GRANULAR TRENCH BACKFILL MATERIAL, IDOT GRADATION CA-7, SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, PER ASTM D1557, OVER ALL UTILITIES WHICH ARE CONSTRUCTED UNDER, OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS, SIDEWALKS, ETC. GRANULAR TRENCH BACKFILL NOTED ON THE PLANS BY:
5. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST FORTY-EIGHT (48) HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED SITE IMPROVEMENTS SHOWN ON THE PLANS.
6. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
7. CONTRACTOR SHALL EXCAVATE AND FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, CONDITIONS AND ELEVATIONS AT PROPOSED POINTS OF CONNECTION PRIOR TO COMMENCING ANY UNDERGROUND CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION.
8. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL EXISTING SEWER SYSTEMS DURING CONSTRUCTION OPERATIONS AS NECESSARY TO PREVENT SILT OR DEBRIS ACCUMULATION.
9. SEE GENERAL NOTES AND SPECIFICATIONS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS INCLUDING ALL PIPE MATERIAL AND JOINT SPECIFICATIONS.

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
I = INLET
CB = CATCH BASIN
MH = MANHOLE
FES = FLARED END SECTION
RD = ROOF DRAIN

STORM SEWER FRAME AND GRATE/LID SYMBOL LEGEND:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 102223
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V. ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE - DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID. 4

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1050Z1

1. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
2. SANITARY MANHOLE FRAME AND LID SHALL BE OF SEALING (GASKET) TYPE, AND SHALL HAVE A CONCEALED PICK HOLE AND BE LABELED "SANITARY". 4

WATER MAIN NOTES:

WATER MAIN STRUCTURE SYMBOL LEGEND:
Vv = VALVE VAULT
Vb = VALVE BOX
PC = PRESSURE CONNECTION
FH = FIRE HYDRANT ASSEMBLY WITH BOLLARDS (SEE DETAIL)
GR = FIRE HYDRANT GRADE RING

1. ALL WATER MAIN SHALL BE DIP CLASS 52, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL FIRE HYDRANT LEADS SHALL BE 6-INCH, CLASS 52 DIP UNLESS OTHERWISE NOTED ON THE PLANS.
3. BRASS WEDGES FOR LOCATING WATER MAINS SHALL BE INSTALLED PER SECTION 41-2.05C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, AS AMENDED.
4. MAINTAIN A MINIMUM OF 5.5-FT OF COVER AS MEASURED FROM THE PROPOSED GRADE OVER THE WATER MAIN. MAINTAIN HORIZONTAL SEPARATION WITH OTHER UTILITIES PER IEPA REQUIREMENTS.
5. ALL VALVE VAULTS SHALL HAVE "WATER" LABELED ON THE LID.
6. ALL INSTALLED WATER MAIN REGARDLESS OF PIPE MATERIAL SHALL HAVE A #12 AWG COPPER CLAD STEEL TRACE WIRE. 4

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PE	
1	PRELIMINAR	

OVERALL UTILITY PLAN

623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
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F076a
1" = 80'
C6.0

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UTILITY PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PD	
1	PRELIMINAR	

F076a
1" = 40'
C6.1

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MATCH LINE – SEE SHEET C6.1

MATCH LINE – SEE SHEET C6.4

SEE ROADWAY IMPROVEMENT PLANS FOR ALGONQUIN ROAD FOR ALL PROPOSED WORK WITHIN ALGONQUIN ROAD ROW

PROPOSED BUILDING FFE=754.50

COLLEGE DRIVE

ALGONQUIN ROAD

10' Utility Easement per Doc. 19834935

N00°15'52"E 1,028.18'

UTILITY NOTES:

SEE SHEET C6.0 FOR ALL UTILITY NOTES

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
I = INLET
CB = CATCH BASIN
MH = MANHOLE
FES = FLARED END SECTION
RD = ROOF DRAIN

STORM SEWER FRAME AND GRATE/LID SYMBOL LEGEND:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 102223
1S: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 105021 (NO GRATE)
2C: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
2S: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11C: IDOT TYPE 11, NEENAH R-2501-A, EJIW 7210
11K: IDOT TYPE 11V, NEENAH R3281-L, EJIW 7210V

EXAMPLE:
MANHOLE #3: TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)
A48 1P

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V; ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID.

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 105021

1. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
2. SANITARY MANHOLE FRAME AND LID SHALL BE OF SOLID (CLOSED) TYPE AND SHALL HAVE A CONCEALED PICK HOLE AND BE LABELED "SANITARY"

WATER MAIN NOTES:

WATER MAIN STRUCTURE SYMBOL LEGEND:
Vv = VALVE VAULT
Vb = VALVE BOX
PC = PRESSURE CONNECTION
FH = FIRE HYDRANT (GRADE PIN)
GR = FIRE HYDRANT WITH BOLLARDS (SEE DETAIL)

1. ALL WATER MAIN SHALL BE DIP CLASS 52, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL FIRE HYDRANT LEADS SHALL BE 6-INCH, CLASS 52 DIP UNLESS OTHERWISE NOTED ON THE PLANS.
3. BRASS WEDGES FOR LOCATING WATER MAINS SHALL BE INSTALLED PER SECTION 41-2.05C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, AS AMENDED.
4. MAINTAIN A MINIMUM OF 5.5-FT OF COVER AS MEASURED FROM THE PROPOSED GRADE OVER THE WATER MAIN. MAINTAIN HORIZONTAL SEPARATION WITH OTHER UTILITIES PER IEPA REQUIREMENTS.
5. ALL VALVE VAULTS SHALL HAVE "WATER" LABELED ON THE LID.
6. ALL INSTALLED WATER MAIN REGARDLESS OF PIPE MATERIAL SHALL HAVE A #12 AWG COPPER CLAD STEEL TRACE WIRE.

UTILITY CROSSINGS

CR7: BOTTOM OF 12" WATER = 744.3 ±
TOP OF 8" SANITARY = 735.0 ±
VERTICAL SEPARATION = 9.3'

CR8: BOTTOM OF 12" STORM = 745.6 ±
TOP OF 8" SANITARY = 735.6 ±
VERTICAL SEPARATION = 10.0'

CR9: BOTTOM OF 12" STORM = 745.6 ±
TOP OF 8" SANITARY = 736.6 ±
VERTICAL SEPARATION = 9.0'

CR10: BOTTOM OF 12" STORM = 745.6 ±
TOP OF 8" SANITARY = 737.8 ±
VERTICAL SEPARATION = 7.8'

CR11: BOTTOM OF 12" STORM = 745.6 ±
TOP OF 6" SANITARY = 738.8 ±
VERTICAL SEPARATION = 6.8'

GRAPHIC SCALE 1"=40'
0 20' 40' 80'

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UTILITY PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S...	
2	REVISED PE...	
1	PRELIMINAR...	

F076a
1" = 40'
C6.2

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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UTILITY NOTES:

SEE SHEET C4.0 FOR ALL UTILITY NOTES

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
I = INLET
CB = CATCH BASIN
MH = MANHOLE
FES = FLARED END SECTION
RD = ROOF DRAIN

STORM SEWER FRAME AND GRATE/LID SYMBOL LEGEND:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1002223
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1005021 (MJ GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
SC: IDOT TYPE 1 (CLOSED), NEENAH R-2504-C
11P: IDOT TYPE 11 (OPEN), NEENAH R-2501-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R2281-A, EJIW 7210V

EXAMPLE:
MH-A
A4R,1P
MANHOLE #A, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V, ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID.

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

1. ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1005021
2. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
3. SANITARY MANHOLE FRAME AND LID SHALL BE OF SEALING GASKET TYPE AND SHALL HAVE A CONCEALED PICK HOLE AND BE LABELED "SANITARY"

WATER MAIN NOTES:

WATER MAIN STRUCTURE SYMBOL LEGEND:
Vv = VALVE VAULT
Vb = VALVE BOX
PC = PRESSURE CONNECTION
FH = FIRE HYDRANT GRADE RING
GR = FIRE HYDRANT GRADE RING WITH BOLLARDS (SEE DETAIL)

1. ALL WATER MAIN SHALL BE DIP CLASS 52 UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL FIRE HYDRANT LEADS SHALL BE 6-INCH, CLASS 52 DIP UNLESS OTHERWISE NOTED ON THE PLANS.
3. BRASS WEDGES FOR LOCATING WATER MAINS SHALL BE INSTALLED PER SECTION 41-2.05C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, AS AMENDED.
4. MAINTAIN A MINIMUM OF 5.5-FT OF COVER AS MEASURED FROM THE FINISHED GRADE TO THE TOP OF PIPE, UNLESS OTHERWISE NOTED.
5. MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 10-FT FROM ALL OTHER UTILITIES PER TEN STATE STANDARDS.
6. ALL VALVE VAULTS SHALL HAVE "WATER" LABELED ON THE LID.
7. ALL INSTALLED WATER MAIN REGARDLESS OF PIPE MATERIAL SHALL HAVE A #12 AWG COPPER CLAD STEEL TRACE WIRE.

UTILITY CROSSINGS

CR11: BOTTOM OF 15" STORM = 741.1' ±
TOP OF 4" UNDERDRAIN = 740.3' ±
VERTICAL SEPARATION = 0.8'

CR12: BOTTOM OF 12" STORM = 744.8' ±
LOWER TOP OF 10" WATER = 745.3' ±
VERTICAL SEPARATION = 1.5'

CR13: BOTTOM OF 12" STORM = 746.9' ±
LOWER TOP OF 10" WATER = 745.4' ±
VERTICAL SEPARATION = 1.5'

CR14: BOTTOM OF 24" STORM = 741.0' ±
LOWER TOP OF 10" WATER = 740.3' ±
VERTICAL SEPARATION = 0.7'

CR15: BOTTOM OF 12" STORM = 746.3' ±
LOWER TOP OF 10" WATER = 744.8' ±
VERTICAL SEPARATION = 1.5'

CR16: BOTTOM OF 12" STORM = 745.8' ±
LOWER TOP OF 10" WATER = 744.3' ±
VERTICAL SEPARATION = 1.5'

CR17: BOTTOM OF 15" STORM = 743.1' ±
LOWER TOP OF 10" WATER = 741.6' ±
VERTICAL SEPARATION = 1.5'

CR18: BOTTOM OF 15" STORM = 745.5' ±
LOWER TOP OF 10" WATER = 745.0' ±
VERTICAL SEPARATION = 1.5'

CR20: BOTTOM OF 42" STORM = 736.4' ±
LOWER TOP OF 10" WATER = 736.9' ±
VERTICAL SEPARATION = 1.5'

No.	Description	Date
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UTILITY PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

F076a
1" = 40'
C6.3

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Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

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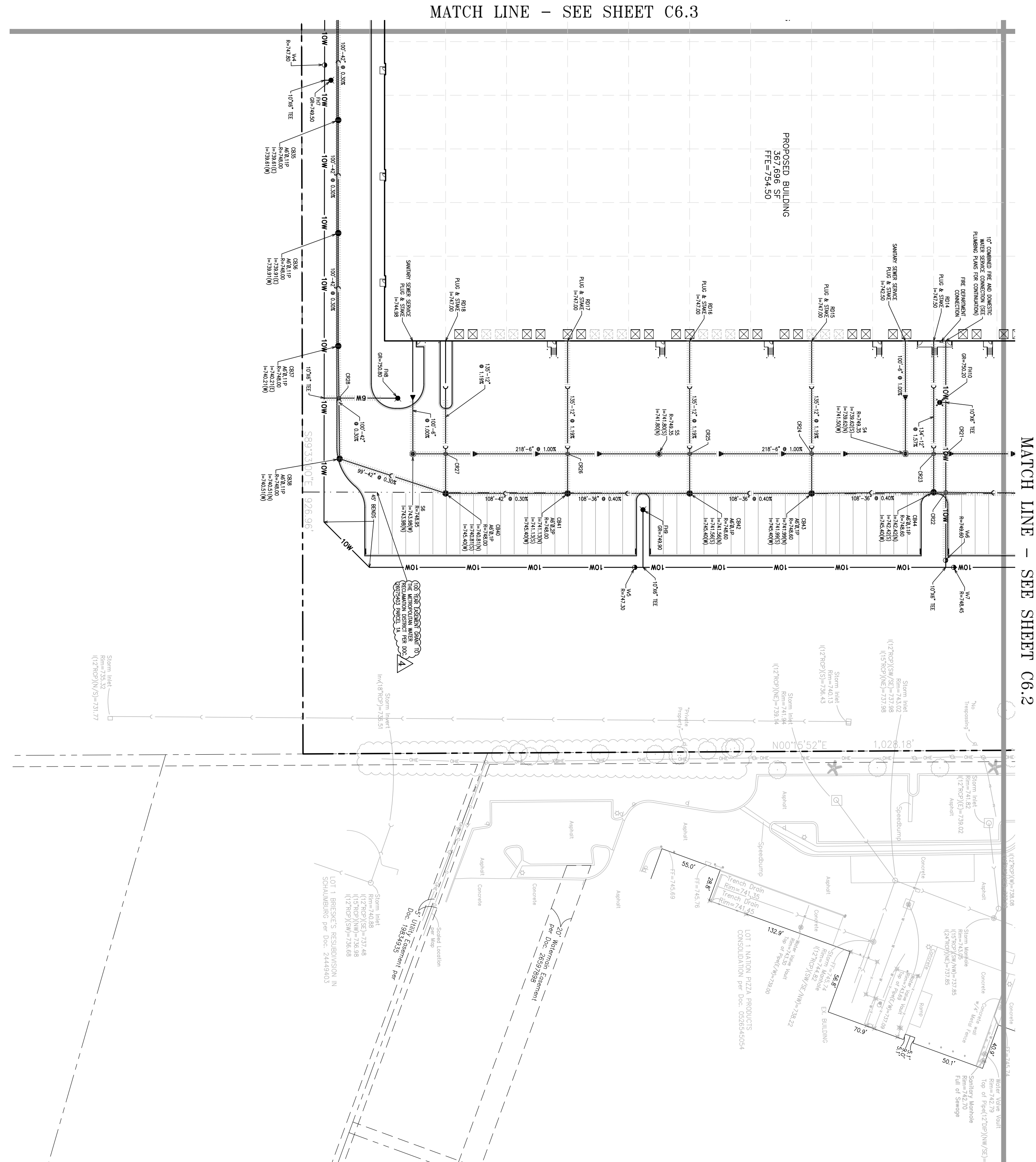

UTILITY NOTES:

SEE SHEET C6.0 FOR ALL UTILITY NOTES

STORM SEWER NOTES:

STORM SEWER STRUCTURE SYMBOL LEGEND:
I = INLET
CB = CATCH BASIN
MH = MANHOLE
FES = FLARED END SECTION
RD = ROOF DRAIN

STORM SEWER FRAME AND GRATE/LID SYMBOL LEGEND:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1022Z3
1P: IDOT TYPE 1 (OPEN), NEENAH R-2504-D, EJIW 1050Z1 (M3 GRATE)
2P: IDOT TYPE 1 (OPEN), NEENAH R-2504-C
3P: IDOT TYPE 1 (OPEN), NEENAH R-2502-E
11P: IDOT TYPE 11, NEENAH R3281-A, EJIW 7210
11V: IDOT TYPE 11V, NEENAH R3281-AL, EJIW 7210V

EXAMPLE:
MH3
A4Ø,1P
MANHOLE #3, TYPE A, 4' DIAMETER, IDOT TYPE 1 FRAME AND GRATE (OPEN)

1. ALL 12" AND 15" STORM SEWER SHALL BE RCP CLASS V. ALL OTHER STORM SEWER SHALL BE RCP CLASS IV, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL UNLESS OTHERWISE NOTED
3. ALL STORM SEWER CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE – DRAINS TO WATERWAYS"
4. ALL CLOSED LID STORM SEWERS SHALL HAVE "STORM" LABELED ON LID. (4)

SANITARY SEWER NOTES

SANITARY STRUCTURE SYMBOL LEGEND:
S = SANITARY MANHOLE

ALL SANITARY MANHOLES SHALL HAVE THE FOLLOWING FRAME AND LID:
1C: IDOT TYPE 1 (CLOSED), NEENAH R-1713, EJIW 1050Z1

1. ALL SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED ON THE PLANS.
2. SANITARY MANHOLE FRAME AND LID SHALL BE OF SEALING (GASKET) TYPE, AND SHALL HAVE A CONCEALED PICK HOLE AND BE LABELED "SANITARY". (4)

WATER MAIN NOTES:

WATER MAIN STRUCTURE SYMBOL LEGEND:
Vv = VALVE VAULT
Vb = VALVE BOX
PC = PRESSURE CONNECTION
FH = FIRE HYDRANT ASSEMBLY WITH BOLLARDS (SEE DETAIL)
GR = FIRE HYDRANT GRADE RING

1. ALL WATER MAIN SHALL BE DIP CLASS 52, UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL FIRE HYDRANT LEADS SHALL BE 6-INCH, CLASS 52 DIP UNLESS OTHERWISE NOTED ON THE PLANS.
3. BRASS WEDGES FOR LOCATING WATER MAINS SHALL BE INSTALLED PER SECTION 41-2.05C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, AS AMENDED.
4. MAINTAIN A MINIMUM OF 5.5-FT OF COVER AS MEASURED FROM THE PROPOSED GRADE OVER THE WATER MAIN. MAINTAIN HORIZONTAL SEPARATION WITH OTHER UTILITIES PER IEPA REQUIREMENTS.
5. ALL VALVE VAULTS SHALL HAVE "WATER" LABELED ON THE LID.
6. ALL INSTALLED WATER MAIN REGARDLESS OF PIPE MATERIAL SHALL HAVE A #12 AWG COPPER CLAD STEEL TRACE WIRE. (4)

UTILITY CROSSINGS

CR21: BOTTOM OF 10" WATER = 742.9' ±
TOP OF 6" SANITARY = 739.8' ±
VERTICAL SEPARATION = 3.1'

CR22: BOTTOM OF 36" STORM = 742.1' ±
LOWER TOP OF 10" WATER = 740.6' ±
VERTICAL SEPARATION = 1.5'

CR23: BOTTOM OF 12" STORM = 745.8' ±
TOP OF 6" SANITARY = 739.4' ±
VERTICAL SEPARATION = 6.4'

CR24: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 741.0' ±
VERTICAL SEPARATION = 4.6'

CR25: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 742.0' ±
VERTICAL SEPARATION = 3.6'

CR26: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 743.1' ±
VERTICAL SEPARATION = 2.5'

CR27: BOTTOM OF 12" STORM = 745.6' ±
TOP OF 6" SANITARY = 744.2' ±
VERTICAL SEPARATION = 1.4'

CR28: BOTTOM OF 42" STORM = 740.0' ±
LOWER TOP OF 10" WATER = 738.5' ±
VERTICAL SEPARATION = 1.5' (4)

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UTILITY PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PE	
1	PRELIMINAR	

F076a
1" = 40'
C6.4

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.
Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

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SWPPP CONSTRUCTION SCHEDULE:

1. OBTAIN ALL APPLICABLE SITE PERMITS AND THOROUGHLY REVIEW PROJECT'S STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND CONSTRUCTION OPERATIONS WITH CONTRACTOR(S) PRIOR TO BEGINNING CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND UPDATING THE SWPPP THROUGHOUT THE DURATION OF CONSTRUCTION AS NECESSARY UNTIL FINAL SITE STABILIZATION IS ACHIEVED.
2. INSTALL PERIMETER SEDIMENT CONTROL MEASURES (I.E. SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE).
3. INSTALL INLET PROTECTION DEVICES FOR EXISTING STORM SEWER INLETS AND DRAINAGE STRUCTURES.
4. PERFORM STORMWATER POLLUTION PREVENTION SITE INSPECTIONS ON A WEEKLY BASIS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCH OR GREATER (OR EQUIVALENT SNOWFALL). AT A MINIMUM, THE INSPECTIONS SHALL BE PERFORMED BY THE QUALIFIED INDIVIDUAL(S) THAT HAVE NOT BEEN FINALLY STABILIZED. ALL STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND ANY ADDITIONAL BEST MANAGEMENT PRACTICES IDENTIFIED IN THE SWPPP.
   - 4.1. ALL SITE EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES SHALL BE RESPONSIBLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL MAKE AND COMPLETE THE REQUIRED REPAIRS WITHIN FORTY-EIGHT (48) HOURS OF THE INSPECTION.
   - 4.2. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE SITE INSPECTIONS.
   - 4.3. COPIES OF THE WEEKLY INSPECTION REPORT SHALL BE SUBMITTED TO THE PUBLIC WORKS SUPERINTENDENT AND THE VILLAGE ENGINEER.
5. BEGIN SITE CLEARING AND GRADING OPERATIONS.
6. PROVIDE TEMPORARY SEEDING AND/OR MULCHING FOR ALL DISTURBED SITE AREAS THAT WILL NOT BE WORKED ON FOR MORE THAN SEVEN (7) DAYS.
7. INSTALL NEW STORM SEWERS AND OTHER SITE UTILITIES AS INDICATED ON THE PLANS.
8. INSTALL TEMPORARY CONCRETE WASHOUT PRIOR TO COMMENCEMENT OF ANY CONCRETE WORK ON SITE.
9. BEGIN SITE PAVING OPERATIONS (I.E. DRIVES, PARKING LOTS, ETC.)
10. PERFORM STREET CLEANING OPERATIONS AND OTHER BEST MANAGEMENT PRACTICES AS NEEDED FOR AREAS ADJACENT TO THE PROJECT SITE.
11. INSTALL BUILDING FOUNDATIONS AND COMPLETE BUILDING CONSTRUCTION AND REMAINING SITE IMPROVEMENTS INDICATED ON THE PLANS.
12. PERFORM FINAL GRADING OPERATIONS AND ESTABLISH PERMANENT VEGETATIVE COVER IN ALL LANDSCAPED AREAS.
13. REMOVE ALL TEMPORARY SITE EROSION AND SEDIMENT CONTROL MEASURES WITHIN THIRTY (30) DAYS OF FINAL SITE STABILIZATION.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF SITE GRADING OR DEMOLITION OPERATIONS.
2. CONTRACTOR SHALL IMPLEMENT APPROPRIATE DUST CONTROL MEASURES AS NECESSARY.
   - 2.1. DUST SHALL BE CONTROLLED MANUALLY OR BY USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY WATER TO DISTURBED AREAS. THE MOBILE UNIT SHALL APPLY WATER AT A RATE OF THREE-HUNDRED (300) GALLONS PER ACRE AND SHALL BE EQUIPPED TO PREVENT RUNOFF AND SURFACE WATER PONDING.
3. EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS ANTICIPATED FOR THE SITE. ADDITIONAL MEASURES MAY BE REQUIRED DURING CONSTRUCTION AS WARRANTED BY SITE CONDITIONS OR AS DIRECTED BY THE ENGINEER AND/OR PROJECT GOVERNING AUTHORITIES.
4. SEE LANDSCAPE PLANS FOR ALL DETENTION POND PLANTING REQUIREMENTS.
5. SEE GENERAL NOTES AND SPECIFICATIONS SHEETS AND STORMWATER POLLUTION PREVENTION PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

No.	Description	Date
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OVERALL EROSION CONTROL PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

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F076a

1" = 80'

C7.0

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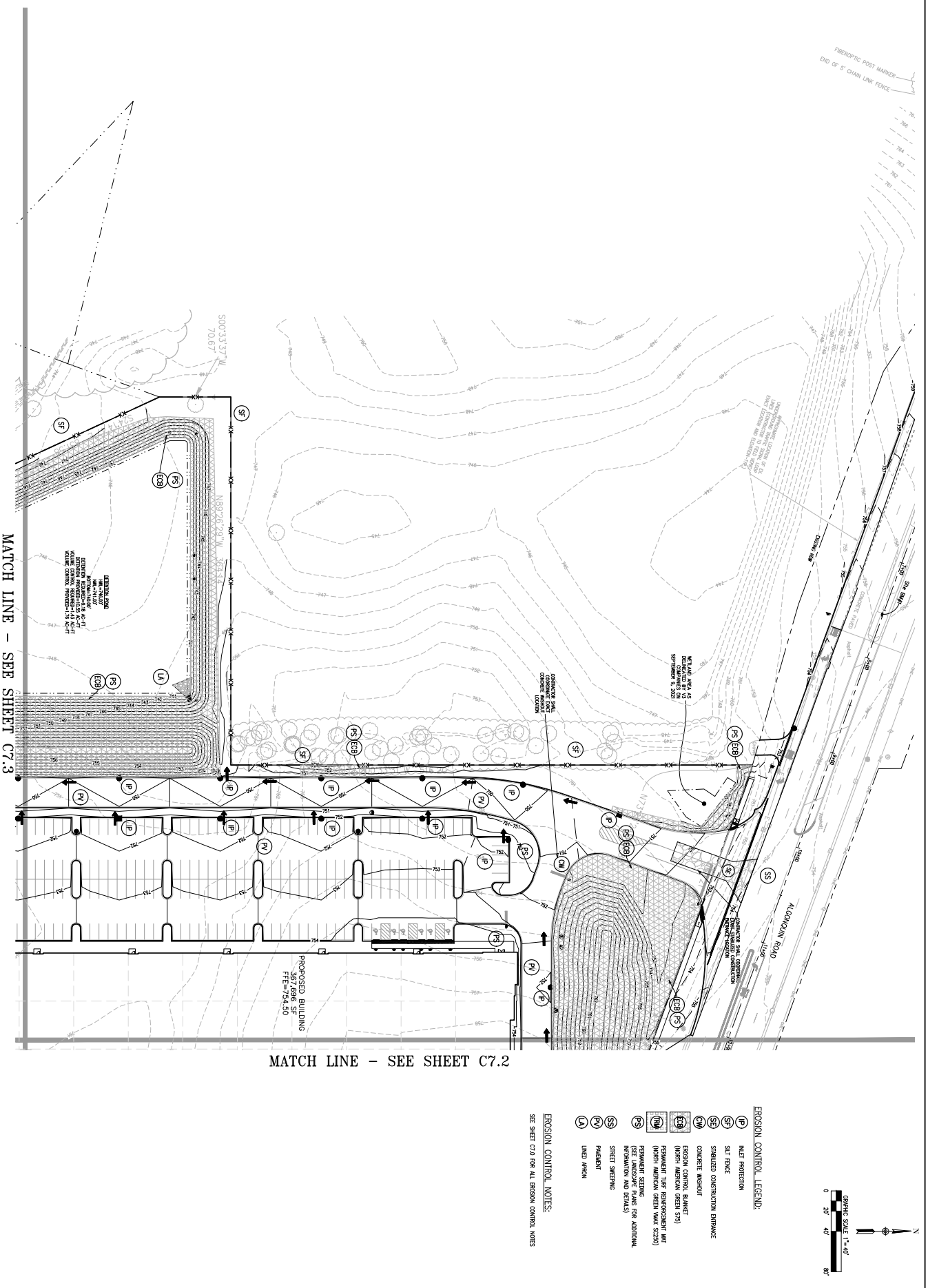

EROSION CONTROL LEGEND:

- IP — INLET PROTECTION
- SF — SILT FENCE
- SE — STABILIZED CONSTRUCTION ENTRANCE
- CW — CONCRETE WASHOUT
- ECB — EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S75)
- TRM — PERMANENT TURF REINFORCEMENT MAT (NORTH AMERICAN GREEN VMAX SC250)
- PS — PERMANENT SEEDING (SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION AND DETAILS)
- SS — STREET SWEEPING
- PV — PAVEMENT
- LA — LINED APRON

EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

GRAPHIC SCALE 1"=40'

0 20' 40' 80'

N

F076a	EROSION CONTROL PLAN	
1" = 40'	623 E. ALGONQUIN ROAD	
C7.1	LOGISTICS PROPERTY COMPANY	
	PALATINE, ILLINOIS	

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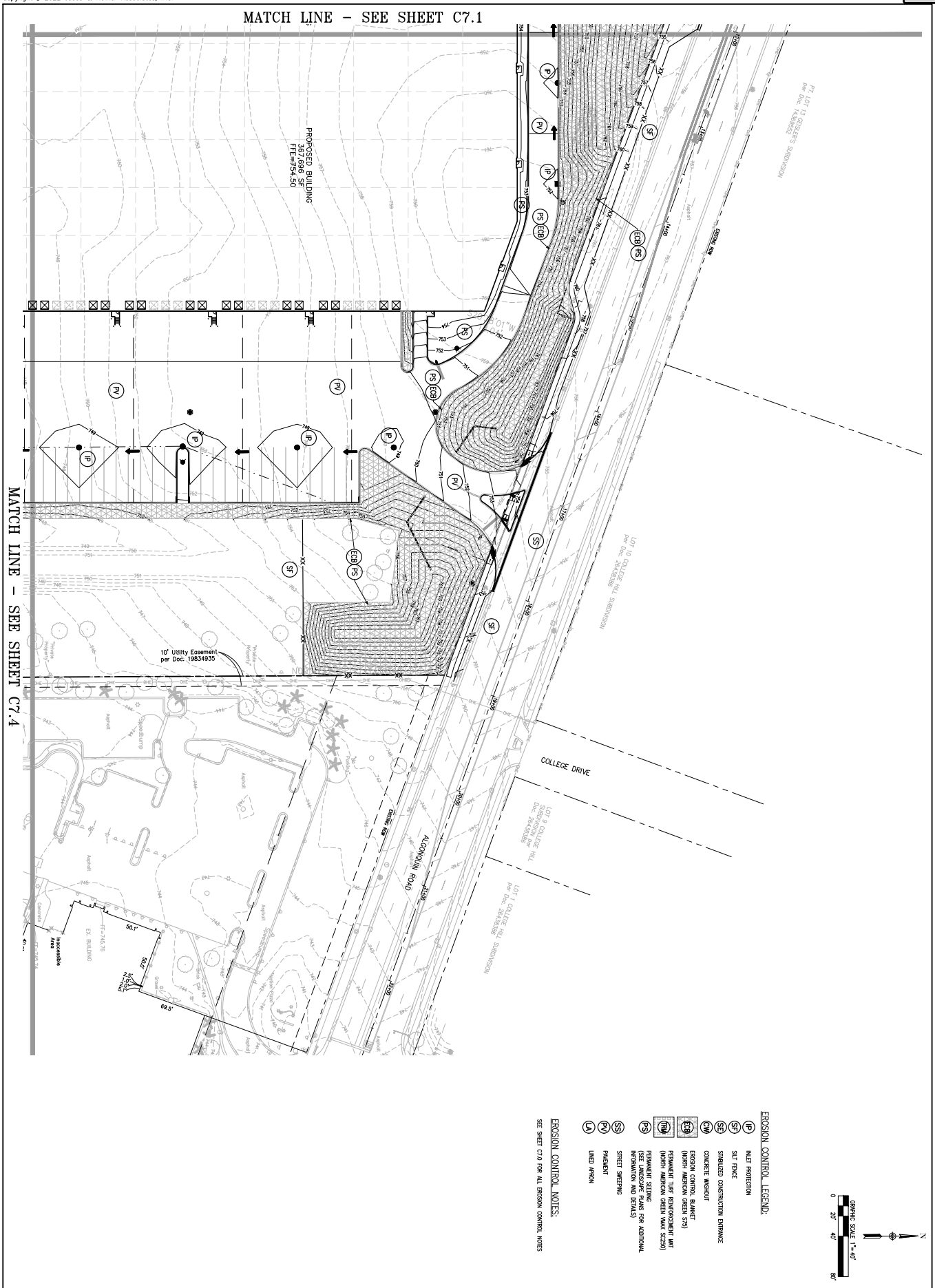

C7.2	1" = 40'	F076a	JACOB & HEFNER ASSOCIATES 1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515 PHONE: (630) 652-4600, FAX: (630) 652-4601 www.jacobandhefner.com

EROSION CONTROL PLAN
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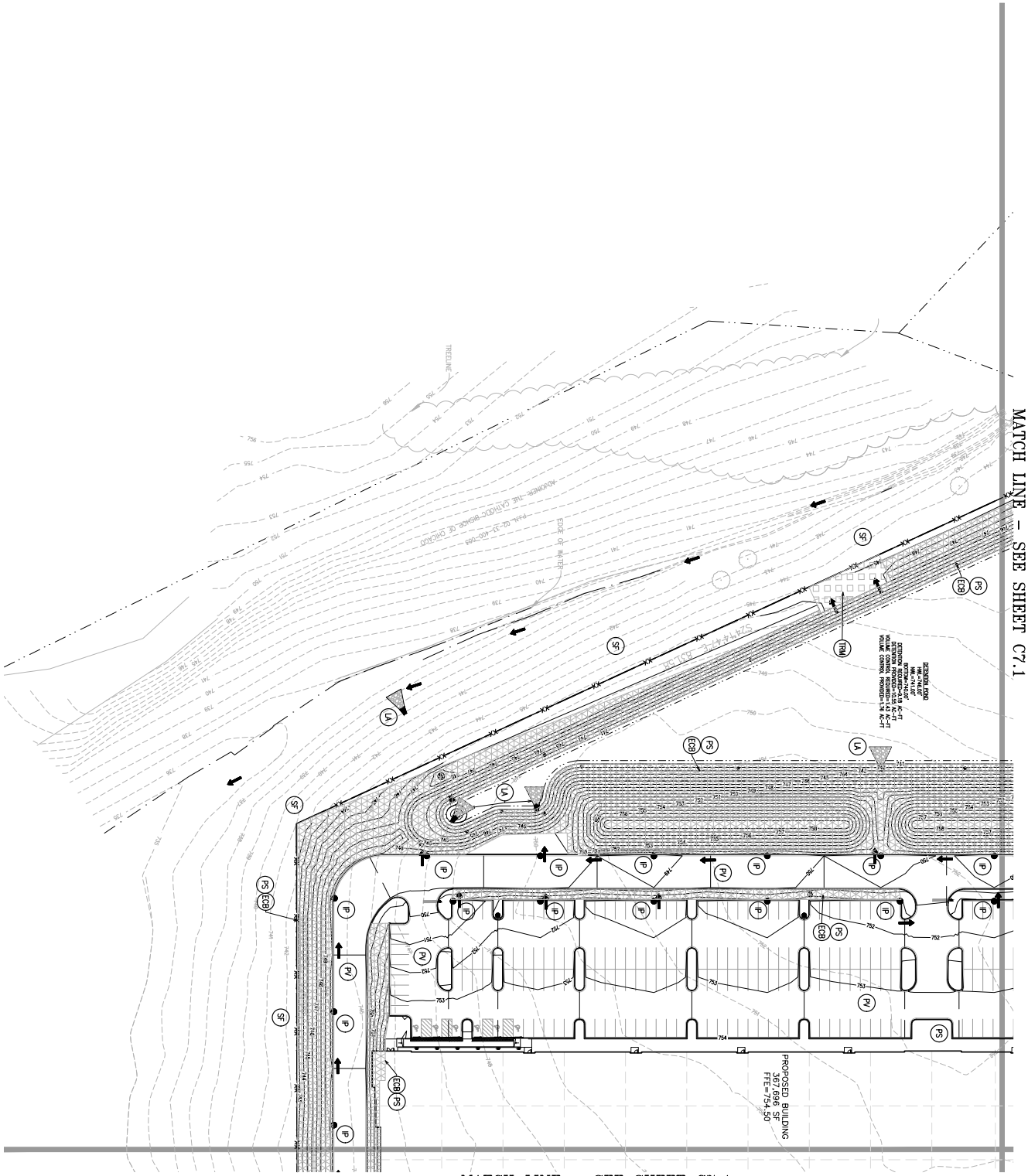

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- SS — STREET SWEEPING
- PV — PAVEMENT
- LA — LINED APRON

EROSION CONTROL NOTES:

SEE SHEET C7.0 FOR ALL EROSION CONTROL NOTES

C7.3	1" = 40'	F076a	

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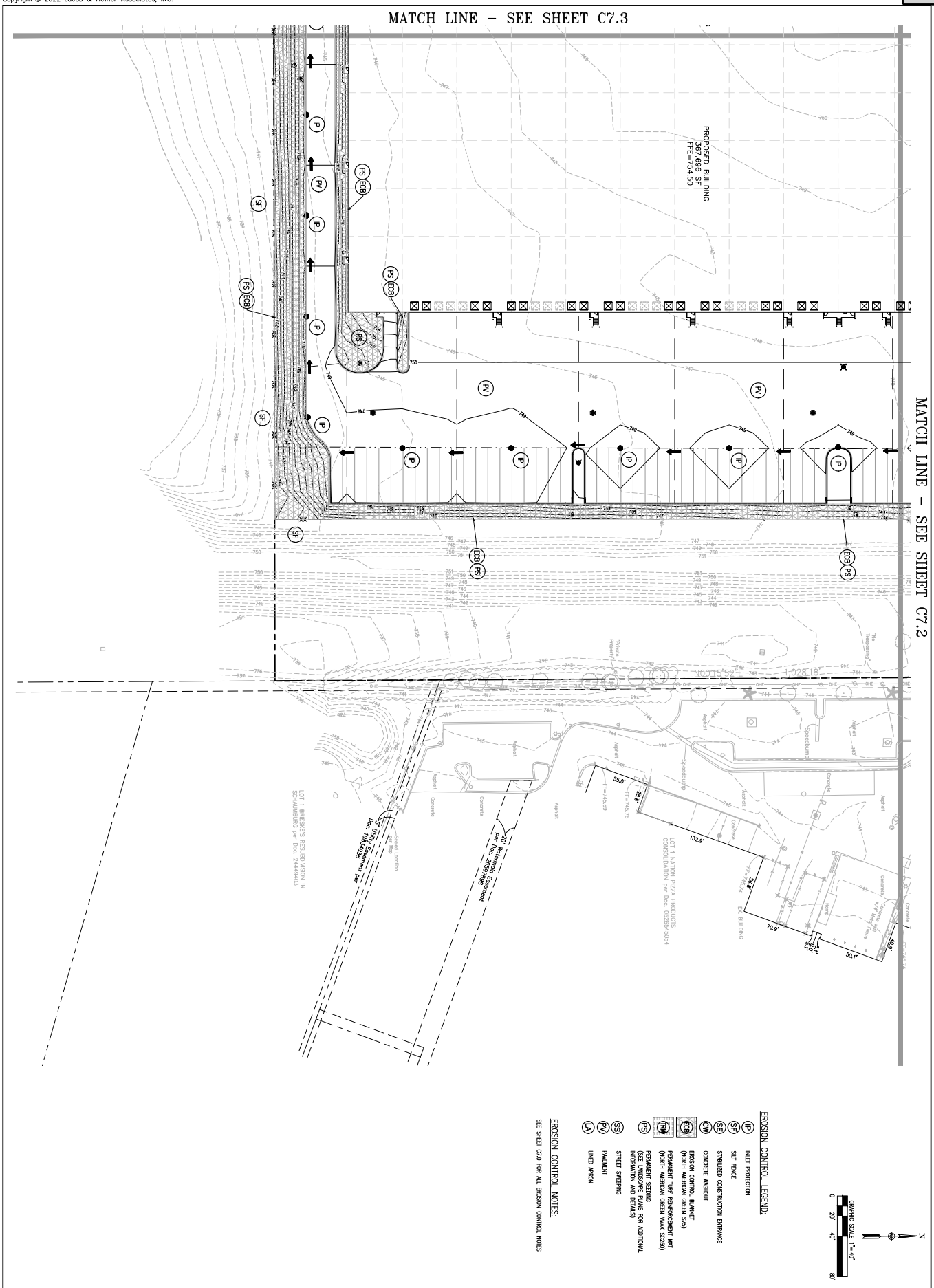

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CONTROL MEASURE GROUP	CONTROL MEASURE	APPLICABLE	SYMBOL	CONTROL MEASURE CHARACTERISTICS	TEMPORARY	PERMANENT	REQUIRED MAINTENANCE
VEGETATIVE SOIL COVER	TEMPORARY SEEDING		TS	PROVIDES QUICK TEMPORARY COVER TO CONTROL EROSION WHEN PERMANENT SEEDING IS NOT DESIRED OR TIME OF YEAR IS INAPPROPRIATE	X		RESEED ANY FAILING AREAS
	PERMANENT SEEDING	X	PS	PROVIDES PERMANENT VEGETATIVE COVER TO CONTROL EROSION AND FILTERS SEDIMENT FROM WATER. MAY BE PART OF FINAL LANDSCAPE PLAN		X	RESEED ANY FAILING AREAS
	DORMANT SEEDING		DS	SAME AS PERMANENT SEEDING EXCEPT IS DONE DURING DORMANT SEASON. HIGHER RATES OF SEED APPLICATION ARE REQUIRED	X	X	RESEED AS NEEDED
	SODDING		SD	QUICK PERMANENT VEGETATIVE COVER USED TO CONTROL EROSION AND ESTABLISH VEGETATIVE FILTER STRIP, CAN BE USED ON STEEP SLOPES OR IN DRAINAGE WAYS OR OTHER AREAS WHERE SEEDING MAY BE DIFFICULT	X	X	N/A
NON VEGETATIVE SOIL COVER	MACHINE TRACKING		MC	PROVIDES SOIL ROUGHING TO PREVENT EROSION		X	N/A
	POLYMER		P	USED AS ADDED INSURANCE IN CONJUNCTION WITH TEMPORARY OR PERMANENT SEEDING. PROVIDES TEMPORARY COVER WHERE VEGETATION CANNOT BE ESTABLISHED	X	X	REAPPLY EVERY 1-1/2 MONTHS
	AGGREGATE COVER		AG	PROVIDES SOIL COVER ON ROADS, PARKING LOTS AND OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED. PREVENTS MUD FROM BEING PICKED UP AND CARRIED OFF-SITE	X	X	CLEAN DIRT AND SEDIMENT FROM STONE AS NEEDED
	PAVING	X	PV	PROVIDES PERMANENT COVER ON ROADS, PARKING LOTS AND OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED		X	N/A
DIVERSIONS	RIDGE DIVERSION		RD	TYPICALLY USED ABOVE SLOPES TO COLLECT RUNOFF AND TRANSFER DOWNSTREAM	X	X	CLEAN OUT SILT WHEN HALF FULL
	CHANNEL DIVERSION		CD	TYPICALLY USED TO DIVERT RUNOFF TO PREVENT EROSION	X	X	REPLACE PROTECTION AS NEEDED
	COMBINATION DIVERSION		DC	TYPICALLY USED ANYWHERE ON A SLOPE. SOIL TAKEN OUT OF A CHANNEL IS USED TO BUILD THE RIDGE	X	X	REPLACE PROTECTION AS NEEDED
	CURB AND GUTTER		CG	SPECIAL CASE OF DIVERSION USED IN CONJUNCTION WITH A ROAD TO DIVERT RUNOFF FROM AN AREA NEEDING EROSION PROTECTION		X	N/A
	BENCHES		B	SPECIAL CASE OF DIVERSION CONSTRUCTED WHEN WORKING ON CUT SLOPES TO SHORTEN LENGTH OF SLOPE AND PROVIDE SLOPE STABILITY	X	X	N/A
WATERWAYS	VEGETATIVE CHANNEL		VC	PROVIDES ADDITIONAL STABILITY TO CHANNEL AND USED WITH RELATIVELY LOW FLOW VELOCITIES	X	X	REDO ANY FAILING AREAS
	LINED CHANNEL		LC	USED WHEN VEGETATION IS INADEQUATE TO PROTECT A CHANNEL FROM HIGH FLOW VELOCITIES OR WHERE VEGETATION CANNOT BE ESTABLISHED	X	X	REPLACE PROTECTION AS NEEDED
ENCLOSED DRAINAGE	STORM SEWER	X	STM	CAN BE USED TO CONVEY SEDIMENT LADEN RUNOFF TO SEDIMENT BASIN OR IN CONJUNCTION WITH A WATERWAY	X	X	CLEAN OUT SEDIMENT AS NEEDED
	UNDER DRAIN	X	UD	USED TO LOWER WATER TABLE AND INTERCEPT GROUNDWATER FOR BETTER VEGETATION GROWTH AND SLOPE STABILITY. USED TO CARRY BASE FLOW IN WATERWAYS AND TO DEWATER SEDIMENT BASINS.	X	X	N/A
SPILLWAYS	STRAIGHT PIPE SPILLWAY		SPS	USED FOR RELATIVELY SMALL VERTICAL DROPS AND SMALL FLOWS OF WATER		X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	DROP INLET PIPE SPILLWAY		DIS	SAME AS PIPE SPILLWAY EXCEPT LARGER FLOWS AND LARGE VERTICAL DROPS CAN BE ACCOMMODATED		X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	WEIR SPILLWAY		W	USED FOR RELATIVELY SMALL VERTICAL DROPS AND FLOWS IN EXCESS OF THE STORM SEWER SYSTEM	X	X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
	BOX INLET WEIR SPILLWAY		BS	SAME AS WEIR SPILLWAY EXCEPT LARGER FLOWS CAN BE ACCOMMODATED DUE TO LOWER WEIR LENGTH	X	X	CLEAN OUT CONSTRUCTION DEBRIS AS NEEDED
OUTLETS	LINED APRON	X	LA	PROTECTS DOWNSTREAM CHANNEL FROM HIGH VELOCITY OF FLOW DISCHARGING FROM FLARED END SECTIONS OR OTHER OUTLET STRUCTURES	X	X	REPAIR DISLODGED STONES AND EROSION UNDER RIP-RAP AS NEEDED
SEDIMENT BASINS	SEDIMENT BASIN		SB	USED TO COLLECT SMALLER PARTICLES AND TO DETAIN WATER WITH A CONTROLLED RELEASE	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
	SEDIMENT TRAP		ST	USED TO COLLECT LARGER PARTICLES AND TO DETAIN WATER WITH A CONTROLLED RELEASE	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
SEDIMENT FILTERS	SILT FENCE	X	SF	USED TO FILTER SEDIMENT FROM RUNOFF	X		CLEAN OUT SEDIMENT WHEN HALF FULL AND REPAIR AS NEEDED
	VEGETATIVE FILTER		VF	USED ALONG DRAINAGE WAYS OR PROPERTY LINES TO FILTER SEDIMENT FROM RUNOFF	X	X	REDO ANY FAILING AREAS
MUD AND DUST CONTROL	STABILIZED CONSTRUCTION ENTRANCE	X	SE	PREVENTS MUD AND SEDIMENT FROM BEING PICKED UP AND CARRIED OFF-SITE	X		SCRAPE MUD AND REPLACE STONE AS NEEDED
	DUST CONTROL	X	DT	PREVENTS DUST FROM LEAVING CONSTRUCTION SITE	X		REAPPLY AS NEEDED
EROSION CONTROL	EROSION CONTROL BLANKET	X	ECB	PROTECTS SOIL, PREVENTS SEED WASHOUT AND HELPS GROW VEGETATION	X		REPLACE AS NEEDED
	TURF REINFORCEMENT MAT	X	TRM	REINFORCES TURF IN CHANNELS, SHORELINES AND HIGH FLOW AREAS		X	REPLACE AS NEEDED
	CELLULAR CONFINEMENT		CF	USED FOR SOIL STABILIZATION	X	X	REPLACE AS NEEDED
	GABIONS		GA	USED TO PREVENT EROSION IN HIGH FLOW AREAS	X	X	REPLACE AS NEEDED
	GEOTEXTILE FABRIC		GF	USED FOR EROSION AND SEDIMENT CONTROL, SOIL SEPARATION AND SOIL STABILIZATION	X	X	REPLACE AS NEEDED
	GEOBLOCK POROUS PAVEMENT		PP	USED FOR FIRE LANE ACCESS OR VEGETATIVE PAVEMENT	X	X	REPLACE AS NEEDED
SEDIMENT CONTROL	INLET PROTECTION	X	IP	USED TO PREVENT SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM	X		REPLACE OR CLEAN WHEN CLOGGED
	SLOPE INTERRUPT		SI	USED TO BREAK UP RUNOFF FLOW ON A SLOPE	X		CLEAN OUT SEDIMENT WHEN HALF FULL
	DITCH CHECK		DC	USED FOR SEDIMENT FLOW CONTROL IN SWALES AND CHANNELS	X	X	CLEAN OUT SEDIMENT WHEN HALF FULL
	FLOC LOG		FL	USED TO CLARIFY WATER THAT HAS SEDIMENT IN THE WATERY COLUMN	X	X	REPLACE WHEN HALF DISSOLVED
	SILT CURTAIN		SC	USED FOR SEDIMENT CONTROL IN STREAMS, PONDS, ETC.	X	X	REPLACE WHEN FABRIC IS TORN OR HOLES BEGIN TO FORM
	PUMPING DISCHARGE BAG	X	PB	USED FOR PUMP DISCHARGE LINES	X		REPLACE WHEN HALF FULL, FABRIC IS TORN OR HOLES BEGIN TO FORM
	CONCRETE WASHOUT	X	CW	USED TO WASH OUT CONCRETE TRUCKS	X		CLEAN OUT WHEN HALF FULL AND CLEAN WASHOUT GRAVEL AREA AS NEEDED
	STREET SWEEPING	X	SS	USED TO PREVENT SILT BUILD UP IN STREETS	X	X	CLEAN ONCE A WEEK OR AS NEEDED TO KEEP STREET CLEAN

SWPPP NOTES:

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, WHICH AUTHORIZES STORMWATER DISCHARGES RESULTING FROM CONSTRUCTION SITE ACTIVITIES AND THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCES AND REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITIES.

1. SITE DESCRIPTION

A. THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED CONSTRUCTION ACTIVITIES THAT ARE THE SUBJECT OF THIS PLAN:

THE SITE IMPROVEMENTS ASSOCIATED WITH THE PROPOSED INDUSTRIAL DEVELOPMENT WILL INCLUDE THE FOLLOWING: DEMOLITION, MASS GRADING, PAVEMENT CONSTRUCTION, INSTALLATION OF UTILITIES INCLUDING STORM SEWERS, SANITARY SEWERS AND WATERMAIN AND SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION, AND GRADING:

THE SEQUENCE OF THE CONSTRUCTION ACTIVITIES MAY BE AS FOLLOWS: 1) INSTALL PERIMETER CONTROLS INCLUDING SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE, 2) SITE DEMOLITION, 3) MASS GRADING, 4) UNDERGROUND UTILITIES INSTALLATION, 5) BUILDING FOUNDATIONS, 6) FINE GRADING IN PAVEMENT AREAS AND 7) PAVEMENT AND BUILDING CONSTRUCTION. THE SOIL EROSION AND SEDIMENTATION CONTROL ITEMS WILL BE CONSTRUCTED AND MAINTAINED AS NEEDED DURING THE ABOVE CONSTRUCTION ACTIVITIES.

C. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 25.15 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING, OR OTHER CONSTRUCTION ACTIVITIES IS 25.15 ACRES.

D. THE ESTIMATED RUNOFF COEFFICIENTS OF THE VARIOUS AREAS OF THE SITE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED ARE CONTAINED IN THE PROJECT DRAINAGE STUDY, TITLED STORMWATER MANAGEMENT REPORT FOR 623 E. ALGONQUIN ROAD, AS PREPARED BY JACOB & HEFNER ASSOCIATES, INC. WHICH IS HEREBY INCORPORATED BY REFERENCE IN THIS PLAN.

THE ESTIMATED PROPOSED OVERALL SITE RUNOFF COEFFICIENT IS 0.86.

E. EXISTING DATA DESCRIBING SOILS OR QUALITY OF DISCHARGE (SEE SOILS REPORT IF AVAILABLE)
POOR/FAIR/GOOD/NOT AVAILABLE: GOOD

F. NAME OF RECEIVING WATER(S): SALT CREEK
NAME OF ULTIMATE RECEIVING WATER(S): DES PLAINES RIVER

G. EXISTING AREAS EXHIBITING WETLAND CHARACTERISTICS: 0.02 ACRES

2. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1.B ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO, AND ARE A PART OF, THIS PLAN.

A. EROSION AND SEDIMENT CONTROLS

(I) STABILIZATION PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BY INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING INTERIM AND PERMANENT STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

1. PERMANENT SEEDING
2. SILT FENCE
3. VEGETATIVE FILTER
4. STABILIZED CONSTRUCTION ENTRANCE
5. BARRIER FILTER

(II) STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

1. DETENTION/RETENTION POND(S)
2. STORM SEWER SYSTEM
3. RIP-RAP OUTLET PROTECTION
4. PERMANENT SEEDING

(III) DUST CONTROL: DUST CONTROL SHALL BE PROVIDED PER STANDARD 825 OF ILLINOIS URBAN MANUAL. THE FOLLOWING DUST CONTROL METHODS CAN BE USED:

1. IRRIGATION
2. SPRAY ON ADHESIVE
3. VEGETATIVE COVER
4. MULCHING

B. STORMWATER MANAGEMENT

(I) PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE CONTAINED IN IEPA'S STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND OTHER ORDINANCES LISTED IN THE SPECIFICATIONS.

THE STORMWATER POLLUTANT CONTROL MEASURES SHALL INCLUDE:

1. SILT FENCE
2. BARRIER FILTERS
3. STORM SEWER SYSTEM
4. DETENTION/RETENTION POND(S)

(II) VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., MAINTENANCE OF HYDROLOGIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

STORMWATER MANAGEMENT CONTROL INCLUDES:

1. RIP-RAP FOR OUTLET PROTECTION
2. DITCH CHECKS

C. OTHER CONTROLS

(I) WASTE DISPOSAL: THE SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS, MACHINERY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO ACQUIRE ANY PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON THE SITE WILL NOT BE PERMITTED. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

(II) THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

ANY AND ALL SANITARY SEWAGE SHALL BE DISCHARGED TO THE EXISTING AND/OR PROPOSED SANITARY SEWER SYSTEM CONSTRUCTED PER IEPA AND LOCAL STANDARDS.

D. APPROVED STATE OR LOCAL PLANS

(I) THE MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS CONTAINED IN THIS PLAN ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL DATED OCTOBER 1987, ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION PLAN, AND THE MUNICIPAL SUBDIVISION ORDINANCE. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION CONTROL SITE PLANS, STORMWATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER THIS PERMIT, INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

3. MAINTENANCE

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN AND THE STANDARD SPECIFICATIONS.

A. STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. THIS WILL BE DONE BY TOP DRESSING WITH ADDITIONAL STONES, REMOVING AND REPLACING TOP LAYER OF STONES OR WASHING THE ENTRANCE. THE SEDIMENT WASHED ON THE PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY.

B. VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, SODDING, VEGETATIVE CHANNELS, VEGETATIVE FILTER, ETC. SHALL BE MAINTAINED PERIODICALLY AND SUPPLIED WITH ADEQUATE WATERING AND FERTILIZER. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEEDED AS NECESSARY.

C. SEDIMENTATION BASINS/TRAPS: SEDIMENT SHALL BE REMOVED WHEN 40-50 PERCENT OF THE TOTAL ORIGINAL CAPACITY OF THE SEDIMENT BASIN/TRAP IS FILLED WITH SEDIMENT. IN NO CASE SHALL THE SEDIMENT BE BUILT UP TO MORE THAN 1 FOOT BELOW THE CREST ELEVATION. AT THIS STAGE, THE BASIN SHALL BE CLEANED OUT TO RESTORE ITS ORIGINAL VOLUME.

D. SILT FENCE: THE DAMAGED SILT FENCE SHALL BE RESTORED TO MEET THE STANDARDS OR REMOVED AND REPLACED AS NEEDED.

E. STRAW BALE BARRIER FILTERS: THE STRAW BALE BARRIER FILTER SHALL BE INSPECTED FREQUENTLY AND SHALL BE REPAIRED OR REMOVED AND REPLACED AS NEEDED.

F. RIP-RAP OUTLET PROTECTIONS: RIP-RAP OUTLET PROTECTION SHALL BE INSPECTED AFTER HIGH FLOWS FOR ANY SCOUR BENEATH THE RIP-RAP OR FOR STONES THAT HAVE BEEN DISLODGED. IT SHALL BE REPAIRED IMMEDIATELY AS NEEDED.

4. INSPECTIONS

THE OWNER OR OWNER'S REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4.B. SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G OF THE GENERAL NPDES PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL NPDES PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ALL PACKAGES:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND AVENUE, EAST
SPRINGFIELD, IL 62794

ALL LETTERS:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
POST OFFICE BOX 19276
SPRINGFIELD, IL 62794-9276

5. NON-STORMWATER DISCHARGE

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT MAY BE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY ADDRESSED IN THIS PLAN ARE DESCRIBED BELOW:

1. WATER MAIN FLUSHING
2. FIRE HYDRANT FLUSHING
3. WATERING FOR DUST CONTROL
4. IRRIGATION DRAINAGE FOR VEGETATIVE GROWTH FOR SEEDING, ETC.

THE FIRE HYDRANT AND WATER MAIN SHALL NOT BE FLUSHED DIRECTLY ONTO ANY EXPOSED PAVEMENT AREA OR SUBGRADE. HOSES SHALL BE USED TO DIRECT THE FLOW INTO THE STORM SEWER SYSTEM.

NPDES GENERAL CONTRACTOR CERTIFICATION

THIS CERTIFICATION STATEMENT IS A PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED BELOW, IN ACCORDANCE WITH NPDES GENERAL PERMIT NO. ILR10 AS ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:

PROJECT TITLE: 623 E. ALGONQUIN ROAD

PROJECT LOCATION: PALATINE (MUNICIPALITY) COOK (COUNTY) ILLINOIS (STATE)

CONTRACTOR: _____

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. ILR10 THAT AUTHORIZES STORMWATER DISCHARGES RESULTING FROM CONSTRUCTION ACTIVITIES AND THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP).

_____ _____
SIGNATURE DATE

NPDES SUBCONTRACTOR CERTIFICATIONS

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. ILR10 AND THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND AGREE TO FOLLOW THE BEST MANAGEMENT PRACTICES DESCRIBED THEREIN FOR ANY WORK PERFORMED ON SITE.

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
_____ _____
SIGNATURE DATE

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
_____ _____
SIGNATURE DATE

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
_____ _____
SIGNATURE DATE

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
_____ _____
SIGNATURE DATE

SUBCONTRACTOR: _____
SCOPE OF WORK: _____
_____ _____
SIGNATURE DATE

STORMWATER POLLUTION PREVENTION CONSTRUCTION AND MAINTENANCE SCHEDULE

EROSION/SEDIMENT CONTROL MEASURE	INSTALLATION SEQUENCE	MAINTENANCE FREQUENCY
TEMPORARY DIVERSION SWALE AND SILT TRAPS	PRIOR TO CLEARING AND GRADING	AS NEEDED
STONE STABILIZED CONSTRUCTION ENTRANCE	PRIOR TO CLEARING AND GRADING	AS NEEDED
SILT FENCE	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
EXISTING INLET PROTECTION	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TREE PROTECTION	PRIOR TO CLEARING AND GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TEMPORARY DIVERSIONS	ALONG WITH ROUGH GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
TEMPORARY SEEDING	AFTER ROUGH GRADING	WATER AS NEEDED
PERMANENT SEEDING, SOD, LANDSCAPING	AFTER FINISH GRADING	WATER AS NEEDED
EROSION CONTROL MATTING	AFTER FINISH GRADING	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
INLET PROTECTION	AFTER EACH INLET IS CONSTRUCTED	WEEKLY, AFTER STORM EVENTS AND AS NEEDED
REMOVAL OF EROSION/SEDIMENT CONTROL MEASURES	AFTER ALL DISTURBED AREAS ARE STABILIZED	N/A

SEEDING CHART

STABILIZATION TYPE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			A			*	*					
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C				D					
SODDING			E **									
MULCHING	F											

A. KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE

B. KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + 2 TONS STRAW MULCH/ACRE

C. SPRING OATS 100 LBS/ACRE

D. WHEAT OR CEREAL RYE 150 LBS/ACRE

E. SOD

F. STRAW MULCH 2 TONS/ACRE

* IRRIGATION NEEDED DURING JUNE AND JULY

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD	
2	REVISED PE	
1	PRELIMINAR	

STORMWATER POLLUTION PREVENTION PLAN

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER Associates
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-6600, FAX: (630) 652-6601
www.jacobandhefner.com

F076a

N.T.S.

C8.0

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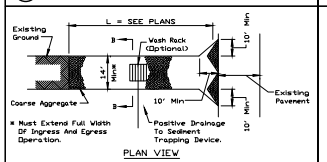
SE STABILIZED CONSTRUCTION ENTRANCE PLAN



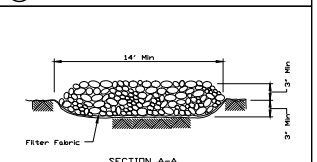
NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class 1, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project, Designed, Checked, Approved — Date

NRCS

STANDARD DWG. NO. IL-630 SHEET 1 of 2 DATE 9-28-94

SE STABILIZED CONSTRUCTION ENTRANCE PLAN

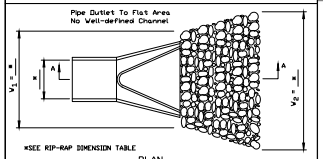


REFERENCE Project, Designed, Checked, Approved — Date

NRCS

STANDARD DWG. NO. IL-630 SHEET 2 of 2 DATE 9-28-94

LA PIPE OUTLET TO FLAT AREA



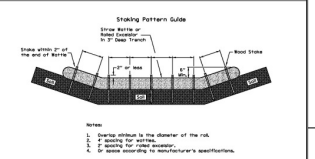
NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall shall meet the IDOT requirements for the following gradation RR ___ Quality
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE Project, Designed, Checked, Approved — Date

NRCS

STANDARD DWG. NO. IL-610 SHEET 1 OF 1 DATE 9-25-90

DIC ROLLED EROSION CONTROL PRODUCTS



Notes
1. Drainage ditches not to scale.
2. Ends of ditches or rolled excelsior shall be turned at least 6" upslope.
3. Recommended stakes are 1-1/4" wide x 1-1/4" thick x 30" long.
4. Stakes to be driven flush with the top of the compost filter sock.
5. Spacing: The top of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IDM 800). A trench is not required.

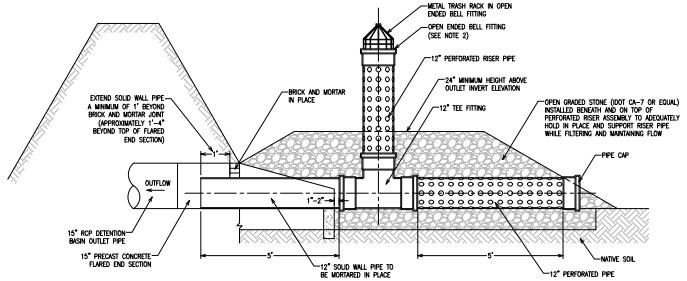
REFERENCE Project, Designed, Checked, Approved — Date

STANDARD DWG. NO. IUM-514 SHEET 1 OF 1 DATE 8-19-11

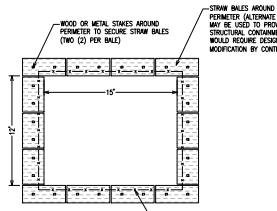
RIP-RAP DIMENSION TABLE

PIPE DIAMETER (IN)	LENGTH OF APRON La (FT)	WIDTH OF APRON W1 (FT)	WIDTH OF APRON W2 (FT)	DEPTH OF RIP-RAP d (IN)	IDOT GRADATION RR-	VOLUME OF RIP-RAP (CYD)
12	10	3	13	15	3	3.7
15	10	3.75	13.75	15	3	4.1
18	15	4.5	19.5	20	4	11.1
24	18	6	24	20	4	16.7
30	20	7.5	27.5	20	4	21.6
36	24	9	33	28	5	43.6
42	27	10.5	37.5	30	5	60.0
48	27	12	39	32	6	68.0
54	27	13.5	40.5	32	6	72.0
60	36	15	51	32	6	118.0
72	44	18	62	32	6	174.0

TEMPORARY SEDIMENT BASIN OUTLET DETAIL



NOTES:
1. ALL PIPES AND FITTINGS SHALL BE P.V.C. OR H.D.P.E UNLESS OTHERWISE NOTED.
2. TOP OF PERFORATED RISER PIPE SHALL BE SET 1'-0" BELOW DETENTION BASIN EMERGENCY OVERFLOW ELEVATION INDICATED ON THE PLANS.
3. TEMPORARY SEDIMENT BASIN AND RISER PIPE ASSEMBLY SHALL BE CONTINUOUSLY MAINTAINED DURING CONSTRUCTION OPERATIONS TO ENSURE PROPER FUNCTIONALITY. AT A MINIMUM, THE SEDIMENT BASIN AND RISER PIPE ASSEMBLY SHALL BE INSPECTED PRIOR TO FORECASTED RAIN EVENTS, AFTER EACH RAINFALL EVENT OF 0.5" OR GREATER AND DAILY DURING EXTENDED RAIN EVENTS. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED PERIODICALLY AS WARRANTED BY SITE CONDITIONS.

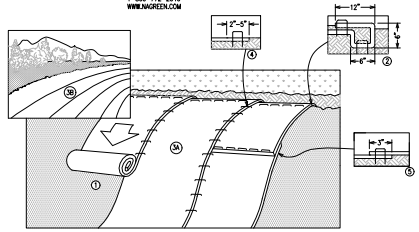


NOTES:
1. CONTRACTOR MAY PROVIDE PREFABRICATED CONCRETE WASHOUT BIN WITH MINIMUM 30-MIL POLYETHYLENE LINER IN LIEU OF DETAIL SHOWN.
2. STOP WASHING OUT CONCRETE IF WATER IS OBSERVED RUNNING OFF THE DESIGNATED AREA OR IF THE CONTAINMENT SYSTEM IS LEAKING OR OVERFLOWING AND INEFFECTIVE.
3. INSPECT DAILY AND AFTER EACH STORM EVENT. INSPECT THE INTEGRITY OF THE OVERALL STRUCTURE INCLUDING, WHERE APPLICABLE, THE CONTAINMENT SYSTEM.
4. THE CONCRETE WASHOUT SYSTEM SHOULD BE REPAIRED OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR ALL CONCRETE WASTE.

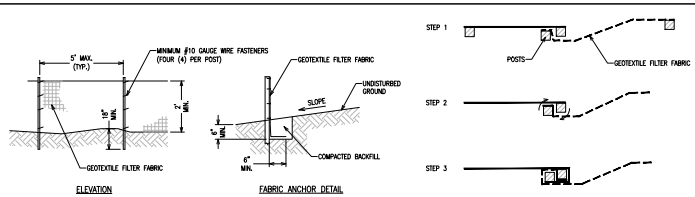
CW CONCRETE WASHOUT DETAIL

NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED (NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN).
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP'S.
3. ROLL THE RECP'S (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON RECP'S TYPE.
5. CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP'S WIDTH.
6. ONLY BIODEGRADABLE STAPLES SHALL BE USED (NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S).

NORTH AMERICAN GREEN
1-800-772-2040
WWW.NAGREEN.COM



ECB EROSION CONTROL BLANKET DETAIL

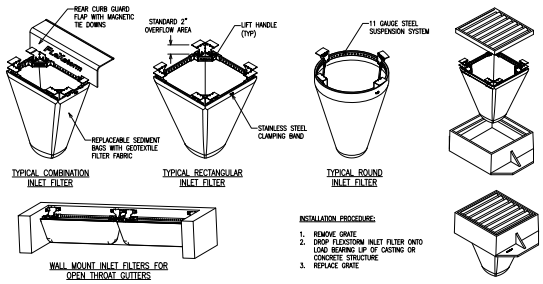


NOTES:
1. TEMPORARY SILT FENCE SHALL BE INSTALLED AROUND PROJECT PERIMETER PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
2. GEOTEXTILE FILTER FABRIC SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. FENCE POSTS SHALL BE EITHER STANDARD STEEL OR WOOD POSTS WITH A MINIMUM CROSS SECTIONAL AREA OF THREE (3) SQUARE INCHES.

NOTES:
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. DRIVE BOTH POSTS A MINIMUM OF EIGHTEEN (18) INCHES INTO THE GROUND AND BURY THE FLAP.

SF SILT FENCE DETAIL

FLEXSTORM
1-866-287-8655
WWW.INLETFILTERS.COM.COM



IPP *Flex* Katorm Inlet Filter Specifications

Material Property	Test Method	Value (min ave)		
> Inner Filter Bag Specs (2 ft² min ea)		Non-Woven	Woven Mono	
Grab Tensile	ASTM D 4632	100 lbs	200 lbs	
Puncture Strength	ASTM D 4833	65 lbs	90 lbs	
Trapezoidal Tear	ASTM D 4533	45 lbs	75 lbs	
UV Resistance	ASTM D 4355	70% at 500 hrs	90%	
App Open Size (AOS)	ASTM D 4751	70 sieve (212 mm)	40 sieve (425 mm)	
Permittivity	ASTM D 4491	2.0/sec	2.1/sec	
Water Flow Rate	ASTM D 4491	145 gpm/sqft	145 gpm/sqft	
> Polyester Outer Reinforcement Bag Specifications				
Weight	ASTM D 3776	4.55 oz/sqyd +/- 15%		
Thickness	ASTM D 1777	.040 +/- .005		
> Frame Construction				
A36 Structural Steel, 11 Gauge, Zinc Plated	ASTM A 576	Tensile Strength = 58,000 psi; Yield Strength = 36,000 psi		

INSTALLATION PROCEDURE:
1. REMOVE GRATE
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

IP INLET PROTECTION DETAIL

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD	
2	REVISED PR	
1	PRELIMINAR	

STORMWATER POLLUTION PREVENTION PLAN
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

JACOB & HEFNER Associates
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1925 S. Roselle Road)

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Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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DETAILS
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

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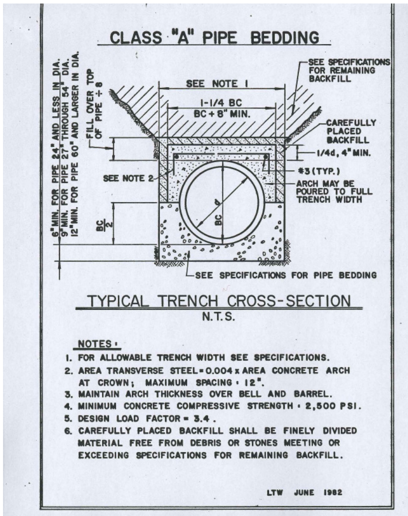

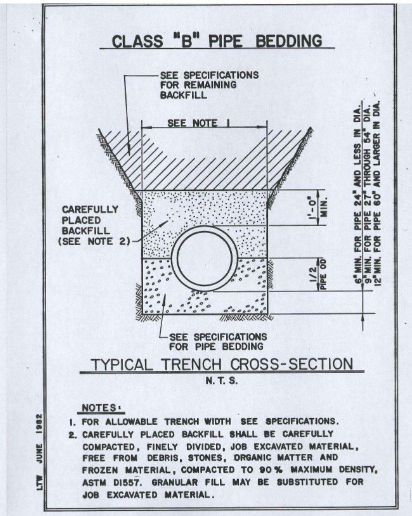

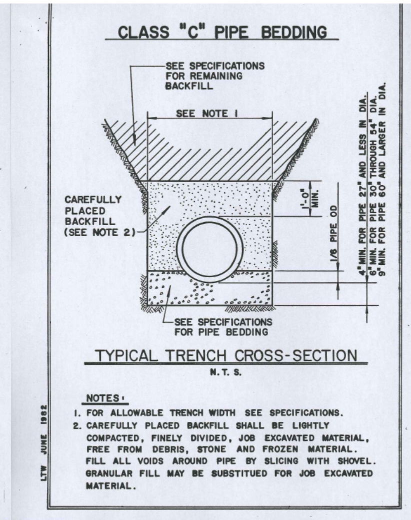

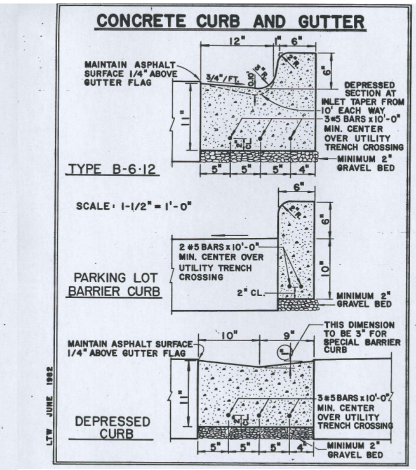

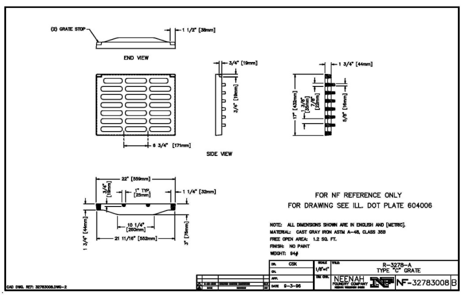

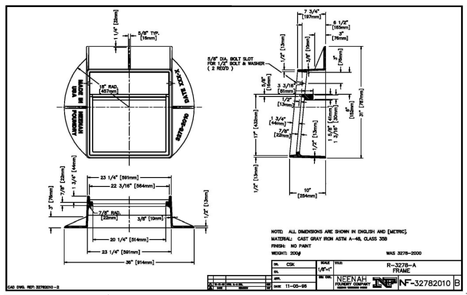

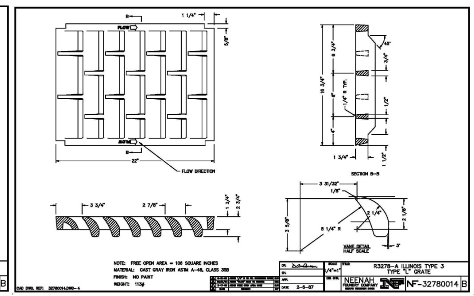

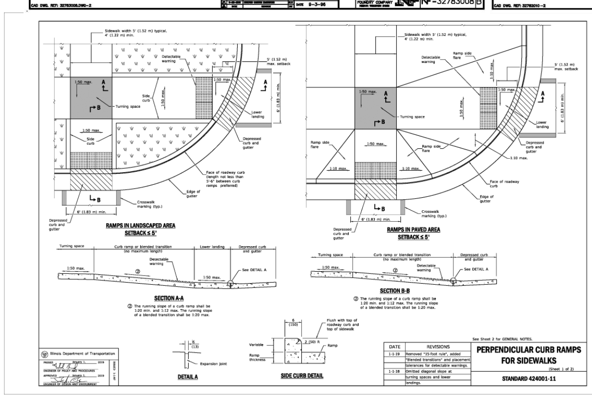

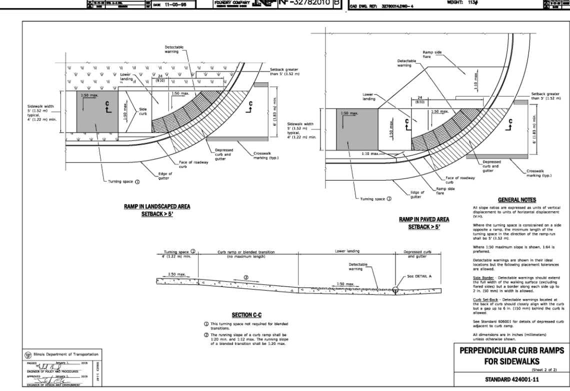

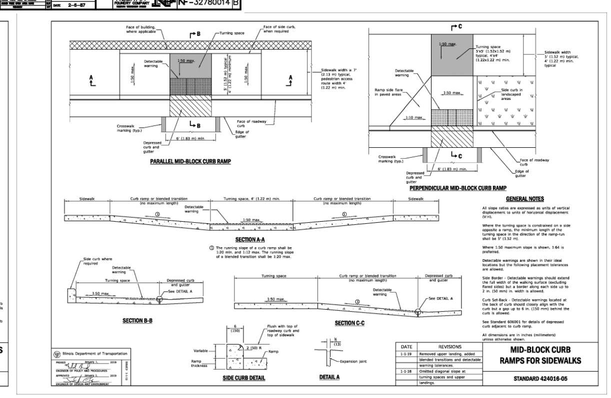

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DETAILS

623 E. ALGONQUIN ROAD
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GENERAL NOTES

1. ALL PAVING AND RELATED CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION BY ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SUBDIVISION REGULATIONS OF THE MUNICIPALITY. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.

2. ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, AND IN ACCORDANCE WITH THE CURRENT SUBDIVISION REGULATIONS OF THE MUNICIPALITY UNLESS OTHERWISE NOTED ON THE PLANS.

3. STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123, AND THE MUNICIPALITY FOR UTILITY LOCATIONS.

5. NO CONSTRUCTION PLAN SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION." PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

6. NOTIFICATION OF COMMENCING CONSTRUCTION

6.1. THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR HIS REPRESENTATIVE AND THE AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES, EITHER MUNICIPALITY'S OR THE OWNER'S, SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE VILLAGE AND ENGINEER PRIOR TO THE START OF CONSTRUCTION.

6.2. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES TO BE UNABLE TO VISIT SITE AND PERFORM TESTING WILL CAUSE CONTRACTOR TO SUSPEND OPERATION (PERTAINING TO TESTING) UNTIL TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK TO BE BORNE BY CONTRACTOR.

7. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC. AT NO TIME SHALL ACCESS BE DENIED TO PROPERTIES SURROUNDING THE SITE.

8. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS OTHERWISE SPECIFIED.

9. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET AT CONTRACTOR'S COST.

10. ALL FRAMES AND LIDS FOR STORM AND SANITARY SEWER STRUCTURES ARE TO BE ADJUSTED TO MEET FINAL FINISH GRADE. THIS ADJUSTMENT IS TO BE MADE BY THE SEWER CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVIATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY THE VILLAGE UPON FINAL INSPECTION OF THE PROJECT. FINAL GRADES TO BE DETERMINED BY THE VILLAGE AT THE TIME OF FINAL INSPECTION AND MAY VARY FROM PLAN GRADE.

11. ANY EXISTING SIGNS, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND NOT NOTED FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT HIS OWN EXPENSE AS DIRECTED BY THE ENGINEER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.

12. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE. HE IS RESPONSIBLE FOR ANY PERMIT REQUIRED FOR SUCH DISPOSAL.

13. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR SHALL BE RESTORED TO PROPER OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BY THE OWNER AND/OR PROJECT GOVERNING AUTHORITY.

14. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE DURING THAT PERIOD.

15. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED BY THE OWNER AND MUNICIPALITY.

16. UPON AWARDING OF THE CONTRACT AND WHEN REQUIRED BY THE MUNICIPALITY, THE CONTRACTOR SHALL FURNISH A LABOR, MATERIAL AND PERFORMANCE BOND AND INSURANCE IN THE AMOUNT REQUIRED BY THE MUNICIPALITY GUARANTEEING COMPLETION OF THE WORK. THE UNDERWRITER SHALL BE ACCEPTABLE TO THE MUNICIPALITY.

17. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO KNOWN AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, JACOB AND HEFNER ASSOCIATES, INC. IS RESPONSIBLE TO RESOLVE THE CONFLICT. JACOB AND HEFNER ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE COST OF CONSTRUCTION.

18. OWNER SHALL OBTAIN EASEMENTS AND PERMITS NECESSARY TO FACILITATE CONSTRUCTION OF THE PROPOSED UTILITIES. THE CONTRACTOR, HOWEVER, SHALL FURNISH ALL REQUIRED BONDS AND EVIDENCE OF INSURANCE NECESSARY TO SECURE THESE PERMITS.

19. THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.

20. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB IN ACCORDANCE WITH OSHA REGULATIONS.

21. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS, STAKES OR LATH SET BY SURVEYORS FOR CONSTRUCTION, AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.

22. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC AND PEDESTRIANS WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, LATEST EDITION AND IN CONFORMANCE WITH REGULATIONS OF THE MUNICIPALITY OR D.O.T.

23. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE VILLAGE. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE VILLAGE PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE AND PRIOR TO POURING ANY CONCRETE AFTER FORMS HAVE BEEN SET.

24. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.

25. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

26. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

27. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED LANDSCAPE ARCHITECT AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.

28. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE.

29. ALL CUTS OVER ONE-INCH IN DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH. WOUNDS OVER ONE-INCH IN DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT.

30. ANY DEWATERING OF SEWER AND WATER TRENCHES AS WELL AS TEMPORARY SHEETING OR BRACING THAT MAY BE REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT BE CONSIDERED EXTRA WORK. IN THE EVENT THAT SOFT MATERIALS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSF ARE ENCOUNTERED IN SEWER AND WATER MAIN CONSTRUCTION, THE CONTRACTOR SHALL (UPON APPROVAL OF THE OWNER AND/OR ENGINEER) OVER-EXCAVATE TO A DEPTH OF AT LEAST ONE (1) FOOT BELOW THE BOTTOM OF THE PIPE AND BACKFILL WITH COMPACTED CRUSHED STONE, PROPERLY FORMED TO FIT THE BOTTOM OF THE PIPE.

31. CONTRACTOR SHALL RECORD VIDEO OF THE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS. A COPY OF THE VIDEO SHALL BE PROVIDED TO THE VILLAGE.

32. TRENCH BACKFILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE ALL UNDERGROUND UTILITIES WITHIN TWO FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, BUILDINGS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL BE DONE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS. THE TRENCH BACKFILL MATERIAL SHALL CONSIST OF CRUSHED GRAVEL CONFORMING TO IDOT GRADATION CA-7.

33. WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE.

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GENERAL NOTES (CONT.)

34. HYDRANTS SHALL NOT BE FLUSHED DIRECTLY ONTO THE ROAD SUBGRADES. WHEREVER POSSIBLE, HOSES SHALL BE USED TO DIRECT THE WATER INTO STORM SEWERS. DAMAGE TO THE ROAD SUBGRADE OR LOT AREAS DUE TO EXCESSIVE WATER SATURATION AND/OR EROSION FROM HYDRANT FLUSHING OR FROM LEAKS IN THE WATER DISTRIBUTION SYSTEM, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR FLUSHING OR USING THE HYDRANT TO MAKE ALL NECESSARY REPAIRS AT HIS EXPENSE. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION WATER AT HIS EXPENSE.

35. AFTER THE STORM SEWER SYSTEM HAS BEEN CONSTRUCTED THE CONTRACTOR SHALL PLACE EROSION CONTROL AT LOCATIONS SHOWN ON THE PLANS OR AS SELECTED IN THE FIELD BY THE ENGINEER. INLET PROTECTION (INLET BASKETS) SHALL BE INSTALLED IN EACH STRUCTURE AS SOON AS THE STRUCTURE INSTALLATION IS COMPLETE. THE PURPOSE OF THE EROSION CONTROL WILL BE TO MINIMIZE THE AMOUNT OF SILTATION, WHICH NORMALLY WOULD ENTER THE STORM SEWER SYSTEM FROM ADJACENT AND/OR UPSTREAM DRAINAGE AREAS.

36. EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ILLINOIS URBAN MANUAL AND SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS ACCEPTABLE TO THE ENGINEER HAS BEEN DEVELOPED.

37. UPON PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE FINAL RECORD DRAWINGS TO THE OWNER AND ENGINEER FOR REVIEW PRIOR TO ANY REQUEST FOR FINAL INSPECTION. AT A MINIMUM, THE RECORD DRAWINGS SHALL INDICATE THE FINAL LOCATION AND LAYOUT OF ALL SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, VERIFICATION OF ALL BUILDING PAD AND FINISHED FLOOR ELEVATIONS, UTILITY RIM AND INVERT ELEVATIONS, SPOT GRADE ELEVATIONS, LOCATIONS OF ALL WATER SERVICE B-BOXES, SANITARY SEWER SERVICES, AND STORM SEWER SERVICES AND SHALL INCORPORATE ALL FIELD DESIGN CHANGES INCLUDING THOSE APPROVED BY THE OWNER, ENGINEER AND/OR PROJECT GOVERNING AUTHORITY. RECORD DRAWINGS SHALL BE PREPARED BY OR UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR.

38. RECORD DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE AT THE COMPLETION OF THE PROJECT AND PRIOR TO ACCEPTING THE IMPROVEMENTS.

EARTHWORK

1. TOPSOIL EXCAVATION

A. TOPSOIL, ORGANIC MATERIAL, OR ANY OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM AREAS REQUIRING STRUCTURAL FILL.

B. PLACEMENT OF EXCAVATED MATERIAL SHALL BE DESIGNATED BY THE OWNER FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED OR AS FILL IN THE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL.

C. EXCESS MATERIALS NOT UTILIZED AS FILL OR NOT STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

2. EARTH EXCAVATION

A. EXCAVATION OF EARTH AND OTHER MATERIALS, WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL SHALL BE WITHIN A TOLERANCE OF 0.05 FEET FOR PADS AND PAVEMENT, AT 0.1 FEET +/- OF THE PLAN SUBGRADE ELEVATIONS. THE +/- TOLERANCE WITHIN PAVEMENT AREAS UTILIZING EARTH MATERIALS SHALL "BALANCE" AS PART OF THE FINE GRADING OPERATION.

B. PLACEMENT OF EARTH AND OTHER SUITABLE MATERIALS SHALL BE PLACED WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS WITHIN A TOLERANCE OF 0.1 FEET +/-. THE FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS, NOT EXCEED EIGHT INCHES IN THICKNESS. THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE THE REQUIRED COMPACTION. EARTH MATERIAL MAY BE PLACED WITHIN THOSE AREAS OF THE SITE NOT REQUIRING STRUCTURAL FILL, WITHIN THE PLAN SUBGRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL, THE EARTH MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS. THE STRUCTURAL SUBGRADE AREA SHALL EXTEND TO THE ZONE OF INFLUENCE IN ALL FILL AREAS.

C. COMPACTION OF THE EARTH AND OTHER SUITABLE MATERIALS SHALL BE TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR DRY DENSITY. THIS INCLUDES AREAS WITHIN PROPOSED PAVEMENT AND BUILDING PAD LOCATIONS, SIDEWALKS, ETC. IN NON-STRUCTURAL FILL AREAS, 90% TO 95% OF THE MODIFIED PROCTOR DRY DENSITY IS REQUIRED.

3. UNSUITABLE MATERIAL

A. UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL THAT IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION. IF IT IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION, IT SHALL BE REMOVED AND REPLACED WITH SELECT GRANULAR MATERIAL APPROVED BY THE SOILS ENGINEER. THE DECISION TO REMOVE SAID MATERIAL AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.

4. THE GRADING CONTRACTORS RESPONSIBILITIES

A. MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.

B. SPREAD AND COMPACT UNIFORMLY ALL EXCESS TRENCH SPOIL, AS SPECIFIED, AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS.

C. SCARIFY AND COMPACT THE UPPER 12 INCHES OF THE SUITABLE SUBGRADE MATERIAL, AS SPECIFIED, IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE CONTENT. THIS APPLIES TO CUT AREAS AS WELL AS FILL AREAS.

D. PROVIDE ADDITIONAL WATER TO DRY MATERIAL TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.

E. BACKFILL THE CURB AND GUTTER AFTER CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL.

F. ACCOUNTABLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES" AS DESCRIBED ON THE PLANS. ALL CONTRACTORS SHALL COMPLY WITH THE SWPPP AND NPDES REQUIREMENTS.

G. PERFORM LIME STABILIZATION OF THE SUBGRADE MATERIAL IF REQUIRED BY THE SOILS ENGINEER.

5. TESTING AND FINAL ACCEPTANCE

A. THE CONTRACTOR SHALL PROVIDE, AS A MINIMUM, A TANDEM AXLE TRUCK LOADED TO 14 TONS FOR PROOF ROLLING THE PAVEMENT SUBGRADE. PROOF ROLLING SHALL BE PERFORMED PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER AND BASE MATERIAL. THIS SHALL BE WITNESSED AND APPROVED BY THE MUNICIPAL ENGINEER AND OWNER.

B. ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING, SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL APPROVED BY THE SOILS CONSULTANT. PROOF ROLLING SHALL BE PERFORMED UNTIL THE SUBGRADE IS APPROVED BY THE MUNICIPAL ENGINEER, OWNER AND SOILS ENGINEER.

C. THE WORK AREAS SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.

PAVEMENT

1. FINE GRADING

A. PRIOR TO THE CONSTRUCTION OF CURB AND GUTTER AND PLACEMENT OF THE BASE MATERIAL, THE STREETS SHALL BE FINE GRADED TO WITHIN 0.05 FEET OF FINAL SUBGRADE ELEVATION, TO A POINT TWO FEET BEYOND THE BACK OF CURB.

2. CURB AND GUTTER

A. THE TYPE OF THE CURB AND GUTTER SHALL BE AS DETAILED ON THE ENGINEERING PLANS.

B. THE CURBS SHALL BE BACKFILLED AFTER CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE.

C. THE STONE COST UNDER THE CURB AND GUTTER SHALL BE CONSIDERED INCIDENTAL.

D. DEPRESSED CURBS FOR DRIVEWAYS AND HANDICAPPED RAMPS SHALL BE INSTALLED PER THE PLANS AND IDOT STANDARDS.

3. PAVEMENT

A. THE PAVEMENT MATERIALS SHALL BE AS DETAILED ON THE ENGINEERING PLANS. DEPTHS SPECIFIED SHALL BE CONSIDERED THE MINIMUM COMPACTED THICKNESS.

4. GENERAL

THE PAVING CONTRACTOR SHALL:

A. REPAIR ANY BASE COURSE AND BINDER COURSE FAILURES PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE.

B. SWEEP CLEAN THE BINDER COURSE PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE. ANY DAMAGE TO THE BINDER COURSE SHALL BE REPAIRED BY THE CONTRACTORS AT NO ADDITIONAL COST TO THE OWNER.

D. PROVIDE CONSTRUCTION, EXPANSION AND CONTRACTION JOINTS FOR CURB AND GUTTER AND P.C.C. SIDEWALK PER IDOT STANDARDS AND MUNICIPAL STANDARDS.

E. REMOVE ALL EXCESS MATERIALS AND DEBRIS. DISPOSE OF MATERIALS OFF-SITE AT NO ADDITIONAL COST TO THE OWNER.

5. TESTING AND FINAL ACCEPTANCE

A. PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF ROLLED AND INSPECTED FOR UNSUITABLE LOCATIONS. IF UNSUITABLE SUBGRADE IS ENCOUNTERED, IT SHALL BE REMOVED AND REPLACED WITH GRANULAR MATERIAL APPROVED BY THE OWNER OR HIS REPRESENTATIVE. THE SUBGRADE SHALL HAVE A MINIMUM IBR VALUE OF 3.0.

B. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED AND AS REQUIRED. THICKNESS VERIFICATION WILL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

C. FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO THE TESTING AND VERIFICATION REQUIREMENTS CITED ABOVE.

6. METHOD OF MEASUREMENT

A. CURB AND GUTTER AND BASE COURSE SHALL BE MEASURED IN THE FIELD BY THE CONTRACTOR. THE QUANTITIES SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION WHEN REQUESTED BY THE OWNER.

B. WHEN REQUESTED BY THE OWNER, DOCUMENTATION FOR THE INSTALLED BASE COURSE, BITUMINOUS CONCRETE BINDER AND SURFACE COURSE, SHALL BE SUBMITTED TO THE ENGINEER FOR VERIFICATION AS REQUIRED BY THE MUNICIPALITY. WHERE DIRECTED, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE BITUMINOUS CONCRETE WITH A CORE DRILL TO CONFIRM THE PLAN THICKNESS. DEFICIENCIES IN THICKNESS SHALL BE ADJUSTED BY THE METHOD DESCRIBED IN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

7. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND SAFE TRAFFIC MANAGEMENT WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION. THIS SHALL BE IN ACCORDANCE WITH THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY.

8. LONGITUDINAL JOINT CONSTRUCTION

A. AS MANY LONGITUDINAL JOINTS AS PRACTICAL SHALL BE CLOSED AT THE END OF EACH DAY OF PAVING. A TACK COAT SHALL BE APPLIED TO THE "COLD" SIDE OF THE LONGITUDINAL JOINT PRIOR TO THE PLACEMENT OF THE HOT SIDE MAT.

B. LONGITUDINAL JOINT CONSTRUCTION SHALL BE COMPLETED BEFORE THE "COLD" SIDE OF THE JOINT FALLS BELOW 200°F.

C. IN THE EVENT THE TEMPERATURE OF THE "COLD" SIDE OF A JOINT FALLS BELOW 200°F PRIOR TO JOINT CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL PERFORM THE FOLLOWING:
1. HEAT THE COLD SIDE JOINT TO 200°F EITHER BY MEANS OF A HAND TORCH OR AN INFRARED HEATER. THE CONTRACTOR SHALL AVOID BURNING THE ASPHALT DURING REHEATING.
2. APPLY TACK COAT TO THE REHEATED JOINT PRIOR TO ASPHALT PLACEMENT.

D. THE CONTRACTOR SHALL OFFSET SURFACE COURSE JOINTS FROM BINDER COURSE JOINTS, WHEREVER PRACTICABLE.

9. LONGITUDINAL JOINT DENSITY SPECIFICATIONS

A. COMPLETED LONGITUDINAL JOINTS SHALL BE ASSESSED BASED ON SECTION 1030 OF THE STANDARD SPECIFICATIONS AND THE "HOT MIX ASPHALT – DENSITY TESTING OF LONGITUDINAL JOINTS" (BDE) AS FOLLOWS:

LONGITUDINAL JOINT DENSITY TESTING SHALL BE PERFORMED AT EACH RANDOM DENSITY TEST LOCATION. LONGITUDINAL JOINT TESTING SHALL BE LOCATED AT A DISTANCE EQUAL TO THE LIFT THICKNESS OR A MINIMUM OF TWO INCHES FROM EACH PAVEMENT EDGE; I.E. FOR A FOUR INCH LIFT, THE NEAR EDGE OF THE DENSITY GAUGE OR CORE BARREL SHALL BE WITHIN FOUR INCHES FROM THE EDGE OF PAVEMENT. LONGITUDINAL JOINT DENSITY TESTING SHALL BE PERFORMED USING EITHER A CORRELATED NUCLEAR GAUGE OR CORES.

1. CONFINED EDGE: EACH CONFINED EDGE DENSITY TEST SHALL BE REPRESENTED BY A ONE MINUTE NUCLEAR DENSITY READING OR A CORE DENSITY. THE TESTING SHALL BE INCLUDED IN THE AVERAGE OF DENSITY READINGS OR CORE DENSITIES TAKEN ACROSS THE MAT, WHICH REPRESENTS THE INDIVIDUAL TEST.

2. UNCONFINED EDGE: EACH UNCONFINED EDGE JOINT DENSITY TEST SHALL BE REPRESENTED BY AN AVERAGE OF THREE, ONE MINUTE DENSITY READINGS OR A SINGLE CORE DENSITY AT THE GIVEN DENSITY TEST LOCATION. THE TESTING SHALL MEET THE DENSITY REQUIREMENTS SPECIFIED HEREIN. THE THREE, ONE MINUTE READINGS SHALL BE SPACED TEN FEET APART LONGITUDINALLY ALONG THE UNCONFINED PAVEMENT EDGE AND CENTERED AT THE RANDOM DENSITY TEST LOCATION.

DENSITY CONTROL LIMITS TABLE

MIXTURE COMPOSITION	PARAMETER	INDIVIDUAL TEST (INCLUDES CONFINED EDGES)	UNCONFINED EDGE JOINT DENSITY MINIMUM
IL-9.5, IL12.5	Ndesign >= 90	92.0-96.0%	90%
IL-9.5, IL9.5L, IL-12.5	Ndesign < 90	92.5-97.4%	90%
IL-19.0, IL-25.0	Ndesign >= 90	93.0-96.0%	90%
IL-19.0, IL-19.0L, IL-25.0	Ndesign < 90	93.0-97.4%	90%
SMA	Ndesign = 50 & 80	93.5-97.4%	91%
ALL OTHER	Ndesign = 30	93.0-97.4%	90%

SANITARY SEWER

1. UNLESS OTHERWISE NOTED ON THE PLANS, ALL SANITARY SEWER SHALL BE RING-TITE PVC (POLYVINYL CHLORIDE) PLASTIC PIPE. ALL PIPE SHALL CONFORM TO ASTM D-3034 WITH ELASTOMERIC RUBBER RING GASKET JOINTS CONFORMING TO ASTM D-3212. THE STANDARD DIMENSION RATIO (SDR) FOR SANITARY PIPE SHALL BE 26. WHERE SPECIFIED, PVC SDR 21 SANITARY SEWER SHALL BE RING-TITE PVC (POLYVINYL CHLORIDE) PLASTIC PIPE, CONFORMING TO ASTM D-2241 WITH ELASTOMERIC RUBBER RING GASKET JOINTS CONFORMING TO ASTM D3139. THE PVC DR18 SANITARY SEWER SHALL CONFORM TO AWWA C900/C905, WITH RUBBER GASKET JOINTS CONFORMING TO AWWA C900/C905.

2. WHERE SANITARY SEWER PIPE IS NOTED AS PVC C900, THE PIPE SHALL BE IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION (AWWA) C900 WITH WATERTIGHT, PRESSURE RATED JOINTS CONFORMING TO ASTM D3139.

3. CONNECTING SEWER PIPE OF DISSIMILAR MATERIAL IS NOT PERMITTED.

4. ALL FLOOR DRAINS SHALL CONNECT TO THE SANITARY SEWER. CONNECTIONS TO EXISTING SANITARY SEWER SYSTEM SHALL NOT BE COMPLETED UNTIL AUTHORIZED BY THE MUNICIPALITY.

5. ALL UNSUITABLE MATERIAL SHALL BE REMOVED BELOW THE PROPOSED SANITARY SEWER AND REPLACED WITH COMPACTED CRUSHED GRAVEL, CONFORMING TO ASTM D-2321, CL I.

6. COST FOR PIPE BEDDING SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER.

7. PIPE BEDDING SHALL CONSIST OF A MINIMUM OF SIX INCHES OF COMPACTED CRUSHED GRAVEL, IDOT GRADATION CA-7, FOR ALL SANITARY SEWERS. SANITARY SEWER PIPE SHALL HAVE TAMPED CRUSHED GRAVEL, IDOT GRADATION CA-7, COVER ABOVE THE TOP OF PIPE, TO A MINIMUM OF 12 INCHES. THE BEDDING AND TRENCH BACKFILL MATERIAL SHALL CONFORM TO IDOT GRADATION CA-7 AND INSTALLED PER ASTM D-2321 CLASS I.

8. WATER MAINS SHALL BE SEPARATED FROM SANITARY SEWERS AND STORM SEWERS IN ACCORDANCE WITH IEPA REQUIREMENTS AS SPECIFIED IN THE "WATER MAIN" SECTION.

9. NO WATER LINE SHALL BE PLACED IN THE SAME TRENCH AS A SEWER LINE.

10. THE TESTING OF THE PIPE STRAIGHTNESS AND FIELD TESTING, SHALL BE IN ACCORDANCE WITH THE DEVELOPMENT CODE OF THE MUNICIPALITY.

11. SANITARY SEWER MANHOLES SHALL BE FOUR FOOT INNER DIAMETER, PRECAST REINFORCED CONCRETE RINGS OR MONOLITHIC CONCRETE, CONFORMING TO ASTM C 478. MANHOLES SHALL HAVE PRECAST FILLETS. THE STRUCTURE SHALL HAVE AN ECCENTRIC CONE INSTALLED, LINING UP WITH THE MANHOLE STEPS. ALL MANHOLE STEPS SHALL BE NEENAH R-1981-I, NEOPRENE/FIBERGLASS COATED, AT 16 INCHES ON-CENTER.

12. ALL SANITARY SEWER MANHOLE LIDS SHALL BE NEENAH R-1550-A OR EAST JORDAN 1050/APPROVED EQUAL. THE LIDS SHALL HAVE RECESSED (CONCEALED) PICK HOLE AND BE SELF SEALING WITH "O" RING GASKET. THE LIDS SHALL HAVE THE WORD "SANITARY" AND THE MUNICIPALITY NAME EMBOSSED ON THE LID.

13. ALL MANHOLE JOINTS SHALL BE SEALED WITH "O" RING JOINTS. ADDITIONALLY, MANHOLES SHALL HAVE AN INTERNAL OR EXTERNAL SEALING SYSTEMS SUCH AS CANUSA WRAPIDSEAL, CRETEX CHIMNEY SEAL OR ADAPTER, INC. NO MORE THAN EIGHT INCHES OF PRECAST CONCRETE ADJUSTING RINGS SHALL BE USED TO ADJUST FRAME ELEVATIONS. FRAMES SHALL BE SET ON BITUMINOUS MASTIC. MANHOLE SECTIONS SHALL HAVE GASKETED COUPLINGS, "A-LOK" OR APPROVED EQUAL.

14. DROP MANHOLE ASSEMBLIES SHALL BE PROVIDED AT THE JUNCTION OF SANITARY SEWERS WHERE THE DIFFERENCE IN INVERT GRADES EXCEEDS TWO FEET OR AT LOCATIONS SHOWN ON THE PLANS. THE ENTIRE DROP ASSEMBLY SHALL BE CAST IN CONCRETE MONOLITHICALLY WITH THE MANHOLE BARREL.

15. INSPECTION OF MANHOLES: ALL MANHOLES SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS. ALL VISIBLE LEAKAGE SHALL BE ELIMINATED BEFORE FINAL INSPECTION AND ACCEPTANCE.

16. TESTING FOR ACCEPTANCE OF SANITARY SEWERS AND MANHOLES, INCLUDING SERVICE LINES, SHALL INCLUDE LOW PRESSURE AIR TEST AND DEFLECTION TEST PER STANDARD SPECIFICATIONS AND SUBDIVISION REGULATIONS OF THE MUNICIPALITY. THE TESTS SHALL BE APPROVED BY THE MUNICIPALITY BEFORE ACCEPTANCE. ALL SANITARY MANHOLES SHALL BE VACUUM TESTED FOR LEAKAGE IN ACCORDANCE WITH MUNICIPAL STANDARDS AND ASTM C 1244-02.

17. ALL SANITARY SEWERS SHALL BE TELEVISED. A COPY OF THE RECORDING AND A WRITTEN REPORT SHALL BE SUBMITTED TO THE MUNICIPALITY FOR APPROVAL. THE REPORT SHALL INCLUDE STUB LOCATIONS, A DESCRIPTION OF ALL DEFECTS, WATER LEVEL, LEAKS AND IDENTIFICATION OF LENGTH FROM THE MANHOLE NUMBER SPECIFIED ON THE APPROVED PLANS. ALL COSTS SHALL BE INCIDENTAL TO THE WORK. TESTING SHALL BE WITNESSED AND APPROVED BY THE MUNICIPALITY BEFORE FINAL ACCEPTANCE. THE LOCATION OF TELEVISION INSPECTION SHALL BE DESIGNATED BY THE MUNICIPAL ENGINEER.

18. IF THE SANITARY SEWER INSTALLATION FAILS TO MEET THE TEST REQUIREMENTS SPECIFIED, THE CONTRACTOR SHALL DETERMINE THE CAUSE OR CAUSES OF THE DEFECT. AT HIS OWN EXPENSE, THE CONTRACTOR SHALL REPAIR OR REPLACE ALL MATERIALS AND WORKMANSHIP AS NECESSARY TO COMPLY WITH THE TEST REQUIREMENTS.

19. THE CERTIFICATION CONTRACTOR SHALL SUBMIT CERTIFIED COPIES OF ALL REPORTS OF THE TESTS CONDUCTED BY AN INDEPENDENT LABORATORY BEFORE INSTALLATION OF PVC PLASTIC PIPE. TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARD METHOD OF TESTING FOR "EXTERNAL LOADING PROPERTIES OF PLASTIC PIPE BY PARALLEL PLATE LOADING," ASTM STANDARD D-2412. TESTS SHALL ALSO BE CONDUCTED IN ACCORDANCE WITH ASTM D-3212, TO DEMONSTRATE JOINT PERFORMANCE AT 5% MAXIMUM DIAMETRIC DEFLECTION OF THE SPIGOT, AS SPECIFIED IN ASTM D-3212 SPECIFICATIONS.

SOIL EROSION AND SEDIMENT CONTROL

1. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY, AND THE ILLINOIS URBAN MANUAL.

2. BEFORE STARTING CLEARING AND SITE GRADING WORK, A CONSTRUCTION ENTRANCE AND SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLANS.

3. THE CONSTRUCTION ENTRANCE TO THE SITE SHALL BE STABILIZED WITH GRAVEL PRIOR TO BEGINNING ANY WORK ON THE SITE. THE ENTRANCE SHALL BE MAINTAINED PERIODICALLY FOR ITS EFFECTIVENESS TO REMOVE DIRT WHICH COULD LEAVE THE SITE BY CONSTRUCTION VEHICLES.

4. SILT FILTER FENCE SHALL BE PLACED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE MUNICIPALITY'S ENGINEERING INSPECTOR TO PREVENT SEDIMENT FROM LEAVING THE SITE.

5. STAKED SILT FENCE SHALL BE INSTALLED AND MAINTAINED AROUND THE INLETS AND CATCH BASINS AS SHOWN ON THE PLANS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES.

7. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER ANY STORM EVENT IN EXCESS OF 1/2". AN INSPECTION REPORT SHALL BE FILLED OUT EACH TIME AND SHALL BE KEPT IN A BINDER AT JOB SITE AT ALL TIMES ALONG WITH NOI, NPDES PERMIT & SWPPP PLAN.

8. AT THE COMPLETION OF THE PROJECT, ALL STORM SEWER PIPES AND STRUCTURES SHALL BE CLEANED AND FREE OF DIRT AND DEBRIS. THE SEDIMENTATION SHALL BE REMOVED FROM THE STORM SEWER SYSTEM AND SHALL NOT BE WASHED OUT IN THE STORM SEWER SYSTEM.

9. THE TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE EFFECTIVELY UNTIL ALL THE PERMANENT EROSION CONTROL ITEMS ARE FULLY FUNCTIONAL.

10. THE GUARANTEE PERIOD SHALL START AFTER ALL THE PERMANENT EROSION CONTROL MEASURES ARE FULLY FUNCTIONAL AND ACCEPTABLE TO OWNER OR HIS REPRESENTATIVE.

11. A. STOCKPILES OF ANY KIND SHALL NOT BE PLACED IN SPECIAL MANAGEMENT AREAS.

B. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN SEVEN DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.

12. IF THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORM WATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION, THEN PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

13. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.

14. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED UNLESS A ½" OR GREATER RAINFALL EVENT IS FORECAST PRIOR TO 7 DAYS. IN THAT CASE THE PROPER SOIL PROTECTION SHALL BE INSTALLED IMMEDIATELY. STRIPPED AREAS NOT AT FINAL GRADE THAT WILL REMAIN UNDISTURBED FOR MORE THAN 7 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION UNLESS GRADING ACTIVITIES ARE RESUMED WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED. TEMPORARY COVER SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.

15. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING, IRRIGATION, OR FIRE HYDRANT FLUSHING SHALL BE FILTERED PRIOR TO LEAVING PROJECT SITE.

16. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASHDOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED CONTINUOUSLY.

17. ALL CONTRACTORS SHALL COMPLY WITH SWPPP PLAN AND NPDES REQUIREMENT & SHALL SIGN SWPPP ON FILE WITH OWNER OR GENERAL CONTRACTOR.

WATER MAIN AND WATER SERVICES

1. WATER MAINS SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP), CLASS 52, CONFORMING TO AWWA C-151 (ANSI A-21.51) WITH CEMENT MORTAR LINING AND BITUMINOUS SEAL COATING, CONFORMING TO ANSI-A-21.4 (AWWA C-104). ALL WATER MAIN SHALL BE ENCASED WITH 8-MIL POLYETHYLENE WRAP. THE POLYETHYLENE MATERIAL SHALL BE IN CONFORMANCE WITH THE MUNICIPAL REGULATIONS.

2. THE JOINTS SHALL BE PUSH-ON JOINTS CONFORMING TO ANSI A-21.11 (AWWA C-111) AND ALL RETAINING GLANDS SHALL BE SET SCREW OR MEGA-LUG TYPE. WATER MAIN FITTINGS SHALL BE OF DUCTILE IRON WITH CEMENT MORTAR LINING AND SEAL COATING WITH PUSH-ON JOINTS, CONFORMING TO ANSI A21.10 (AWWA C-110). ALL TEE BOLTS SHALL BE STAINLESS STEEL, XYLAN COATED.

3. THRUST BLOCKING OR RESTRAINED JOINTS SHALL BE INSTALLED ON ALL WATER MAINS AT ALL BENDS, TEES, ELBOWS, ETC.

4. DISTRIBUTION SYSTEM VALVES SHALL BE RESILIENT SEAT VALVE, CONFORMING TO AWWA C-509, LATEST STANDARDS AND SHALL BE APPROVED BY THE MUNICIPALITY. EACH VALVE SHALL BE INSTALLED IN A VALVE VAULT OR BOX OF SIZE SHOWN ON THE PLANS. THE LIDS SHALL BE NEENAH R-1713-B OR APPROVED EQUAL. LETTERING ON THE CAST IRON FRAME AND LID SHALL INDICATE "WATER" AND THE MUNICIPALITY NAME.

5. A MINIMUM DEPTH OF COVER OF 5'-6" SHALL BE MAINTAINED OVER THE WATER LINES.

6. ALL WATER MAINS SHALL BE PRESSURE TESTED, FLUSHED AND DISINFECTED IN ACCORDANCE WITH AWWA SPECIFICATIONS. EACH VALVE SECTION SHALL BE PRESSURE TESTED FOR A MINIMUM OF FOUR HOURS. THE ONLY ALLOWABLE LEAKAGE IS AS PREDETERMINED BY THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS. AT NO TIME IS THERE TO BE ANY VISIBLE LEAKAGE FROM THE MAIN.

7. FIRE HYDRANTS SHALL BE INSTALLED WITH AN AUXILIARY VALVE WITH CAST IRON VALVE BOX. FIRE HYDRANTS SHALL CONFORM TO MEET ALL REQUIREMENTS DESCRIBED IN THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY. THE HYDRANT SHALL FACE THE ROADWAY. THE FIRE HYDRANTS SHALL BE PAINTED PER THE MUNICIPALITY. THE VALVE BOX LID SHALL HAVE WORD "WATER" EMBOSSED ON THE LID.

8. MAXIMUM DEFLECTION AT PIPE JOINTS SHALL BE IN ACCORDANCE WITH CURRENT MANUFACTURER'S RECOMMENDATIONS AND AWWA SPECIFICATIONS.

9. WATER SERVICE LINES 2" IN DIAMETER OR SMALLER SHALL BE TYPE 'K' COPPER TUBING CONFORMING TO ASTM B88-58. NO COUPLINGS SHALL BE PERMITTED BETWEEN THE CORPORATION AND CURB STOPS OR BETWEEN THE CURB STOP AND THE BUILDING.

10. WATER SERVICE BOXES SHALL BE OF SUFFICIENT LENGTH TO PERMIT THE TOP TO BE INSTALLED FLUSH WITH THE FINISHED GRADE. EACH SERVICE BOX SHALL BE PROVIDED WITH A CAP WITH THE WORD "WATER" CAST IN THE TOP.

11. CATALOG CUTS OR SHOP DRAWINGS SHALL BE SUBMITTED TO THE VILLAGE OF MINOOKA PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. INSTALLATION OF COMPONENTS NOT APPROVED BY THE VILLAGE WILL BE CAUSE FOR REMOVAL AND/OR REPLACEMENT.

12. IEPA WATER MAIN PROTECTION

A. WATER MAINS:

1. HORIZONTAL SEPARATION:
a) WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER OR SEWER SERVICES CONNECTION.
b) WATER MAINS MAY BE LAID CLOSER THAN 10 FEET TO A SEWER LINE WHEN:
1) LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET
2) THE WATER MAIN INVERT IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER
3) THE WATER MAIN IS IN A SEPARATE TRENCH.
c) BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED OF PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET CONDITION (a) OR (b) ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

2. VERTICAL SEPARATION:
a) A WATER MAIN SHALL BE LAID SO THAT ITS INVERT IS 18 INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER, WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN 10 FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN.
b) IF IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN (a) OR THE WATER MAIN PASSES UNDER A SEWER OR DRAIN, THEN ONE OF THE FOLLOWING METHODS SHALL BE FOLLOWED:
1) THE STORM DRAIN SHALL BE CONSTRUCTED OF "O" RING JOINTS AND SANITARY SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATER MAIN STANDARDS.
2) THE WATER MAIN MAY BE ENCASED IN A WATERTIGHT CARRIER PIPE AS INDICATED ON THE PLANS AND AS PER THE SPECIAL CROSSING DETAIL SHOWN ON THE DETAIL SHEET.
c) A VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATER MAIN CROSSES UNDER SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.
d) CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST 10 FEET.

13. ALL WATERMAIN SHALL HAVE A #10 TRACER WIRE TAPED OR TIED TO THE TOP OF THE PIPE AND A WHIP END BROUGHT TO THE SURFACE AT ALL VALVE VAULTS AND FIRE HYDRANTS.

STORM SEWER

1. ALL STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, IN ADDITION TO THE SUBDIVISION CONTROL ORDINANCE OF THE MUNICIPALITY.

2. UNLESS OTHERWISE NOTED ON THE PLANS, ALL STORM SEWERS SHALL BE REINFORCED CONCRETE CULVERT PIPE (RCP), ASTM C 76, WITH "O" RING RUBBER GASKET JOINTS CONFORMING TO ASTM C-443.

3. HDPE STORM SEWER PIPE SHALL BE HIGH DENSITY POLYETHYLENE PIPE PER ASTM F-2306 WITH WATERTIGHT JOINTS CONFORMING TO ASTM D-3212.

4. ALL STORM SEWER UNDERDRAIN PIPE SHALL BE PERFORATED ADS N-12 OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.

5. ALL DOWNSPOUT AND FOOTING DRAINS SHALL BE DISCHARGED TO THE STORM SEWER SYSTEM OR ONTO THE GROUND.

6. MANHOLE, CATCH BASIN AND INLET BOTTOMS SHALL BE PRECAST CONCRETE SECTIONAL UNITS OR MONOLITHIC CONCRETE. MANHOLES AND CATCH BASINS SHALL BE FOUR FEET IN DIAMETER UNLESS OTHERWISE SPECIFIED ON THE PLANS. MANHOLE JOINTS SHALL BE "O" RING GASKET JOINTS. A MAXIMUM OF SIX INCHES OF ADJUSTING RINGS SHALL BE USED TO ADJUST FRAME ELEVATIONS. THE ADJUSTING RINGS SHALL BE SET WITHIN A FULL MORTAR BED.

7. ALL STORM SEWERS SHALL BE INSTALLED ON TYPE "A" BEDDING, 1/4 TO 3/4 INCH IN SIZE, WITH A MINIMUM THICKNESS EQUAL TO 1/4 OF THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR INCHES. USING BLOCKS OF ANY KIND FOR GRADE IS NOT PERMITTED. THE GRANULAR MATERIAL FOR BEDDING AND TRENCH BACKFILL MATERIAL SHALL CONFORM TO IDOT GRADATION CA-6. THE GRANULAR MATERIAL FOR BEDDING AND INITIAL BACKFILL OF FLEXIBLE PIPE SHALL BE NON-ANGULAR GRAVEL MATERIAL CONFORMING TO ASTM D-2321, CLASS I. THE COST OF BEDDING MATERIAL SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER. THE BEDDING MATERIALS SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY.

8. THE FRAME AND GRATE OR CLOSED LID TYPE SHALL BE AS SPECIFIED ON THE UTILITY PLAN. THE MANHOLE LIDS SHALL BE A MACHINE SURFACED, NON-ROCKING DESIGN. ALL CASTINGS SHALL BE EMBOSSED WITH A FISH IMAGE AND "DUMP NO WASTE-DRAINS TO WATERWAYS" MESSAGE. THE CLOSED LIDS SHALL HAVE THE WORD "STORM" AND THE MUNICIPALITY NAME EMBOSSED ON THE LID. THE JOINT BETWEEN THE CONCRETE SECTION AND FRAME SHALL BE SEALED WITH A MASTIC COMPOUND.

9. ALL STORM SEWERS SHALL BE THOROUGHLY CLEANED PRIOR TO FINAL INSPECTION AND TESTING.

10. AFTER THE STORM SEWER STRUCTURE HAS BEEN CONSTRUCTED, THE CONTRACTOR SHALL PLACE EROSION CONTROL AT LOCATIONS SHOWN ON THE PLANS OR AS SELECTED IN THE FIELD BY THE ENGINEER. THE PURPOSE OF THE EROSION CONTROL WILL BE TO MINIMIZE THE AMOUNT OF SILTATION NORMALLY ENTERING THE STORM SEWER SYSTEM FROM ADJECENT AND/OR UPSTREAM DRAINAGE AREAS.

GENERAL NOTES AND SPECIFICATIONS

623 E. ALGONQUIN ROAD

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
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No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PE	
1	PRELIMINAR	

F076a

N.T.S.

C10

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

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:

1.1. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;

1.2. STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;

1.3. VILLAGE OF PALATINE MUNICIPAL CODES;

1.4. THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;

1.5. IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).

2. THE VILLAGE OF PALATINE ENGINEERING DEPARTMENTS AND PUBLIC WORKS DEPARTMENTS MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE VILLAGE OF SCHAUMBURG VERTICAL DATUM (NGVD).

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNERS REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.

4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.

5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENTED TO THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.

6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.

3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	 ASTM D-3034 ASTM F-679	 ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261, F-2620 (HEAT FUSION) ASTM D-3212, F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	 ASTM D-2241 AWWA C900 AWWA C905	 ASTM D-3139 ASTM D-3219 ASTM D-3219

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	ASTM D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	ASTM D-3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:

11.a. A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.

11.b. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.

11.c. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATERMAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCE SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:

5.a. UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.

5.b. ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.

10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).

13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.

18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

MWRD GENERAL NOTES AND SPECIFICATIONS

623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PE	
1	PRELIMINAR	

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Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

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MWRD DRAINAGE EXHIBIT
623 E. ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
4	REVISED PER VILLAGE	2/28/22
3	FINAL PD S	
2	REVISED PD	
1	PRELIMINAR	

F076a
1"=80'
C12

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: Revised Final Engineering Plan Set-220228 (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Initial Architectural Elevations

Final Architectural Elevations

PROPOSED 367,696 S.F. OFFICE/WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

PALATINE, ILLINOIS

ABBREVIATION LEGEND

A.B.	- Anchor Bolt	EXP. JT	- Expansion Joint	PERIM	- Perimeter
ACT	- Acoustical Ceiling Tile	EXT	- Exterior	PL	- Plate
ADJ	- Adjustable	F & I	- Furnish & Install	PLAS	- Plastic
A.F.F.	- Above Finished Flr	FIN	- Finish	PLF	- Pounds per linear foot
ACCSD	- Accessible	FLR	- Floor	PREFAB	- Prefabricated
	- Accoustical Tile	FDN	- Foundation	PREFIN	- Prefinished
	- Accoustical Panel	FPB	- Frost Proof Hose Bib	PSF	- Pounds Per Square Foot
BD	- Board	FTG	- Footing	PSI	- Pounds Per Square Inch
BLKG	- Blocking	GALV	- Galvanized	PT	- Pounds Proof
BM	- Beam	GB	- Gypsum Board	PVMT	- Pavement
BOT	- Bottom	GC	- General Contractor	QTY	- Quantity
BRG	- Bearing	GL	- Glass	REINF	- Reinforcing
C.B.	- Concrete Block	GYP	- Gypsum	REQ'D	- Required
CLG	- Ceiling	GYP BD	- Gypsum Board	RM	- Room
CLR	- Clear	H	- Hose	SAN	- Sanitary
COL	- Column	HC	- Handicapped	SCHED	- Schedule
CONC	- Concrete	HDWE	- Hardware	SECT	- Section
CONST	- Construction	HM	- Hollow Metal	SHT	- Sheet
CONT	- Continuous	HORIZ	- Horizontal	SQ FT	- Square Foot
CONT. JT	- Control Joint	HP/HZ	- High Point	SLV	- Short Leg Vertical
CORR	- Corrugated	HVAC	- Heating, Ventilating & Air Conditioning	STD	- Standard
CPT	- Carpet	HW	- Hot Water	STL	- Steel
CTR	- Center	INSUL	- Insulation (ed)	STM	- Storm
	- Cored Hole	INT	- Interior	ST STL	- Stainless Steel
	- Cored Joint	JST	- Joist	T	- Tread
CU	- Cubic Foot	JT	- Joint	T&G	- Tongue & Groove
CW	- Cold Water	K	- Kip	TOP	- Top of
DEMO	- Demolish	KPV	- Key Pulled Vertically	TOPP	- Top of Parapet
DET	- Detail	LG	- Long	TYP	- Typ
DIA	- Diameter	LLV	- Long Leg Vertical	UNO	- Unless Noted Otherwise
DR	- Door	MAS	- Masonry	UR	- Urinal
DTG	- Detailing	MATL	- Material	VCT	- Vinyl Composi-tile
EA	- Each	MET	- Metal	VERT	- Vertical
	- Expansion Bolt	MFR	- Manufacturer	W/	- With
EJ	- Expansion Joint	MO	- Masonry Opening	WD	- Wood
ELEC	- Electrical	MTD	- Mounted	WH	- Water Heater
ELEV	- Elevation	NIC	- Not in Contract	WC	- Water Closet
EQ	- Equal	NTS	- Not to Scale	WWF	- Welded Wire Fabric
EWC	- Electrical Water Cooler	OVHD	- Overhead	WDW	- Window
EXIST	- Existing	OPNG	- Opening		
EXP	- Expansion	PC	- Precast		

BEST MANAGEMENT PRACTICES

THE OWNER/ CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS FOLLOWS:

PROVIDE A DESIGNATED AREA FOR MATERIAL DELIVERY AND STORAGE AREA.

CONCRETE WASTE:
PROVIDE A DESIGNATED AREA TO BE USED FOR CONCRETE TRUCK WASH-OUT. CONCRETE WASTE RUN-OFF NOT ALLOWED TO ENTER STORM SYSTEM.

SOLID WASTE MANAGEMENT (NON-HAZARDOUS):
PROVIDE DESIGNATED SOLID WASTE COLLECTION AREAS AND CONTAINERS. CLEAR SITE OF WASTE.

SOLID WASTE MANAGEMENT (HAZARDOUS):
PREVENT ANY DISCHARGE OF HAZARDOUS WASTE FROM ENTERING THE STORM SYSTEM

VEHICLE FUELING, MAINTENANCE AND CLEANING:
PROVIDE DESIGNATED FUELING AREA WITH A SECOND WASTE CONTAINER.

PAINT AND PAINT SUPPLIES:
PROVIDE PROPER STORAGE, USE AND CLEANUP OF ALL MATERIALS.

SYMBOLS LEGEND

DRAWING TITLE — DRAWING SCALE

TOP OR BOT / EL. + — HEIGHT MARK

SECTION MARKER — DRAWING NUMBER / DRAWING SHEET NUMBER

ELEVATION MARKER — DRAWING NUMBER / DRAWING SHEET NUMBER

REVISION MARKER — DETAIL CALL-OUT — DRAWING NUMBER / DRAWING SHEET NUMBER

ROOM NAME / ROOM NUMBER — NORTH ARROW

WALL PARTITION — DOOR NUMBER — LINTEL MARKER

ARCHITECT'S STATEMENT

I HEREBY CERTIFY UNDER OATH THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM FAMILIAR WITH THE CODES AND ORDINANCES OF THE CITY OF PALATINE, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THESE PLANS ARE IN COMPLIANCE WITH SAID CODES AND ORDINANCES AND OTHER APPLICABLE CODES AND ORDINANCES OF PALATINE, ILLINOIS.

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION AND CONTROL, THE ATTACHED DOCUMENTS AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH THE ENVIRONMENTAL BARRIERS ACT (410 ILCS 25) AND THE ILLINOIS ACCESSIBILITY CODE (71 ILL ADM CODE 400)

JOHN M. WHITE
LICENSE NUMBER #001-015201 — EXPIRES 11-30-2022

ADOPTED BUILDING CODES

BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL RESIDENTIAL CODE
2015 INTERNATIONAL ENERGY CODE
2014 ILLINOIS PLUMBING CODE
2017 NATIONAL ELECTRICAL CODE
2000 NFPA 101 LIFE SAFETY CODE

FIRE DEPARTMENT: 2015 INTERNATIONAL FIRE CODE

ZONING: M - MANUFACTURING

CONSTRUCTION TYPE: TYPE 2B FULLY SPRINKLERED

OCCUPANCY TYPE: NON-COMBUSTIBLE
B- BUSINESS, S-1 - STORAGE MODERATE HAZARD

HANDICAPPED PARKING: HANDICAPPED PARKING AND SIGNS PER APRIL 2018 STATE OF ILLINOIS ACCESSIBILITY STANDARDS.

FIRE PROTECTION: BUILDING TO BE EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEM DESIGNED AND INSTALLED PER N.F.P.A. 13 FOR CLASS IV COMMODITIES AS DEFINED IN N.F.P.A. 231C.
REFER TO THE FIRE PROTECTION DRAWINGS BY OTHERS.

FIRE ALARM: YES
SPRINKLER SYSTEM: YES
STANDPIPES: YES
CURTAIN BOARDS: NO
PORTABLE FIRE EXTINGUISHERS: YES

BUILDING HEIGHT: PROPOSED: 43'-0"
ALLOWABLE: 50'-0"

FIRE RATING: STRUCTURAL FRAME (INTERIOR) 0 HRS
STRUCTURAL FRAME (EXTERIOR) 0 HRS
BEARING WALLS (INTERIOR) 0 HRS
BEARING WALLS (EXTERIOR) 0 HRS
NON-BEARING WALLS (INTERIOR) 0 HRS
NON-BEARING WALLS (EXTERIOR) 0 HRS
FLOOR CONSTRUCTION 0 HRS
ROOF CONSTRUCTION 0 HRS
PARTITIONS (EXIT ACCESS CORRIDOR) 0 HRS

OCCUPANT LOAD: FUTURE OFFICE #1 TBD
STORAGE/WAREHOUSE (367,696 S.F. / 500) 735
TOTAL OCCUPANT LOAD 735

NUMBER OF EXITS: REQUIRED: 2
PROVIDED:

EGRESS WIDTH: REQUIRED:
PROVIDED:

TRAVEL DISTANCE: ALLOWABLE (SPRINKLERED BLDG.) S-1: 250' / B: 300'

SITE DATA

SITE AREA (±28.59 AC.): ±1,243,772 S.F.

DETENTION: SEE CIVIL DRAWINGS

BUILDING AREA
FIRST FLOOR OFFICE TBD
WAREHOUSE 367,696 S.F.
TOTAL BUILDING FOOTPRINT 367,696 S.F.

PARKING
CAR PARKING 351 CARS
CAR PARKING (ACCESSIBLE) 12 CARS
TRUCK PARKING 73 DOORS
DRIVE IN OVERHEAD DOORS 2 DOORS
TOTAL EXTERIOR DOCKS 60 DOCKS

BULK REGULATIONS TABLE

EXISTING PROPERTY ZONING: M - MANUFACTURING

MANUFACTURING DISTRICTS BULK CONTROLS
MAXIMUM HEIGHT: 60'-0"
MINIMUM FRONT YARD: 50'-0"
MINIMUM SIDE YARD: 15'-0"
MINIMUM REAR YARD: 15'-0"

PROJECT LOCATION MAP

GENERAL NOTES

1. DO NOT SCALE DRAWINGS. ANY DIMENSIONAL QUESTIONS OR CLARIFICATIONS SHALL BE REFERRED TO THE ARCHITECT/ DESIGNER.
2. GENERAL CONTRACTOR, DESIGNERS & SUBCONTRACTORS SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS.
3. ALL WORK TO BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES.
4. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS GIVEN TO ARCHITECTS
5. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN TO ARCHITECTS PLUS DESIGN STUDIO, PLLC. REPRESENTS TO THE BEST OF OUR KNOWLEDGE, NOT THE ACTUAL EXISTING CONDITIONS. THE ARCHITECT ACCURACY. THE GENERAL CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND REPORT ANY DISCREPENCIES BETWEEN THE DRAWINGS AND ACTUAL EXISTING CONDITIONS IMMEDIATELY. ANY CORRECTIVE WORK PERFORMED PRIOR TO THE DISCREPENCY AND RESOLUTION, IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST THE ARCHITECT CONTRACT.

SITE NOTES

GENERAL NOTES:
1. SEE CIVIL ENGINEERING DRAWINGS FOR OTHER DIMENSIONS, NOTES AND DETAILS.
2. ALL DIMENSIONS ARE FROM FACE OF CURB OR BUILDING UNLESS NOTED OTHERWISE.

PROJECT DIRECTORY

ARCHITECT
ARCHITECTS PLUS
DESIGN STUDIO, PLLC
1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189
PHONE 847.624.4425
DESIGN FIRM NUMBER - #184.008507
EXPIRES 04/30/2023

GENERAL CONTRACTOR
PEPPER CONSTRUCTION
411 LAKE ZURICH ROAD
BARRINGTON, ILLINOIS 60010
PHONE 847.381.2760

CIVIL ENGINEER:
JACOB & HEFNER
1333 BUTTERFIELD ROAD
SUITE 300
DOWNERS GROVE, ILLINOIS 60515
PHONE 630.652.4600

STRUCTURAL ENGINEER:
SWIFT STRUCTURAL
3306 N. SACRAMENTO AVE.
CHICAGO, IL 60618
PH#: 773-398-4485
DESIGN FIRM NUMBER: 184-007150

MECHANICAL ENGINEER
MK INDUSTRIES, INC.
998 FOREST EDGE DRIVE
VERNON HILLS, ILLINOIS 60061
PHONE 847.949.0200

ELECTRICAL ENGINEER
COMPLETE ELECTRICAL SERVICE
639 MAIN STREET
BATAVIA, ILLINOIS 60510
PHONE 630.879.1098

PLUMBING ENGINEER
C.B.M. PLUMBING
1532 HECHT DRIVE
BARTLETT, ILLINOIS 60103
PHONE 630.837.7670

FIRE PROTECTION ENGINEER
VALLEY FIRE
PROTECTION SYSTEMS
101 N. RADDANT ROAD
BATAVIA, IL 60510
PHONE 630.761.3168

DRAWING INDEX

INDEX LEGEND: ● ISSUED SHEET; ISSUED WITH REVISION NUMBER

SHEET #	SHEET NAME	ISSUANCE
	.	
	CIVIL (NOT UNDER ARCHITECTS SEAL)	
C-1	CIVIL COVER SHEET	●
C-2	OVERALL EXISTING CONDITIONS & DEMO PLAN	●
C-3.1	EXISTING CONDITIONS & DEMO PLAN	●
C-3.2	EXISTING CONDITIONS & DEMO PLAN	●
C-3.3	EXISTING CONDITIONS & DEMO PLAN	●
C-3.4	EXISTING CONDITIONS & DEMO PLAN	●
C-4.0	OVERALL DIMENSIONAL CONTROL & PAVING PLAN	●
C-4.1	DIMENSIONAL CONTROL & PAVING PLAN	●
C-4.2	DIMENSIONAL CONTROL & PAVING PLAN	●
C-4.3	DIMENSIONAL CONTROL & PAVING PLAN	●
C-5.0	OVERALL GRADING PLAN	●
C-5.1	OVERALL GRADING PLAN	●
C-5.2	GRADING PLAN	●
C-5.3	GRADING PLAN	●
C-5.4	GRADING PLAN	●
C-6.0	OVERALL UTILITY PLAN	●
C-6.1	UTILITY PLAN	●
C-6.2	UTILITY PLAN	●
C-6.3	UTILITY PLAN	●
C-7.0	OVERALL EROSION CONTROL PLAN	●
C-7.1	EROSION CONTROL PLAN	●
C-7.2	EROSION CONTROL PLAN	●
C-7.3	EROSION CONTROL PLAN	●
C-7.4	EROSION CONTROL PLAN	●
C-8.0	STORMWATER POLLUTION PREVENTION PLAN	●
C-8.1	STORMWATER POLLUTION PREVENTION PLAN	●
C-8.2	DETAILS	●
C-8.3	DETAILS	●
C-8.4	DETAILS	●
C-9.0	GENERAL NOTES & SPECIFICATIONS	●
C-9.1	GENERAL NOTES & SPECIFICATIONS	●
C-9.2	GENERAL NOTES & SPECIFICATIONS	●
C-10	MWRD DRAINAGE EXHIBIT	●
	LANDSCAPE (NOT UNDER ARCHITECTS SEAL)	
	ARCHITECTURAL & STRUCTURAL (UNDER ARCHITECTS SEAL)	
A-0	COVER SHEET	●
A-1.0	ARCHITECTURAL SITE PLAN	●
A-2.0	BUILDING ELEVATIONS	●
A-3.1	OVERALL FLOOR PLAN - WEST	●
A-3.2	ENLARGED FLOOR PLAN - EAST	●
A-4.0	OVERALL ROOF PLAN	●
A-4.1	DOOR & ROOM FINISH SCHEDULES & DETAILS	●
A-5.0	WALL SECTIONS	●
A-5.1	WALL SECTIONS	●
A-5.2	WALL SECTIONS & DETAILS	●
A-6.3	WALL SECTIONS	●
	STRUCTURAL (NOT UNDER ARCHITECTS SEAL)	
S-0.1	GENERAL NOTES & DETAILS	●
S-0.2	GENERAL NOTES & DETAILS	●
S-1.0	OVERALL ROOF PLAN	●
S-2.0	WALL SECTIONS	●
S-2.1	WALL SECTIONS	●
S-3.0	WALL SECTIONS & DETAILS	●
S-4.0	WALL SECTIONS	●
	ARCHITECTURAL & STRUCTURAL SPECIFICATIONS (UNDER ARCHITECT'S SEAL)	
SP-1	ARCHITECTURAL & STRUCTURAL SPECIFICATIONS	●
SP-2	ARCHITECTURAL & STRUCTURAL SPECIFICATIONS	●
SP-2	ARCHITECTURAL & STRUCTURAL SPECIFICATIONS	●
	MECHANICAL (NOT UNDER ARCHITECTS SEAL)	
	.	
	.	
	ELECTRICAL (NOT UNDER ARCHITECTS SEAL)	
	.	
	.	
	PLUMBING (NOT UNDER ARCHITECTS SEAL)	
	.	
	.	
	FIRE PROTECTION (NOT UNDER ARCHITECTS SEAL)	
	.	
	.	

ISSUANCE

DEVELOPER
Logistics Properties of America
PROPERTY MANAGEMENT COMPANY
GENERAL CONTRACTOR
Pepper Construction
Tomorrow Transformed
STRUCTURAL ENGINEER
SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVE.
CHICAGO, ILLINOIS 60618
PH#: 773-398-4485
DESIGN FIRM NUMBER: 184-007150
ARCHITECT
Architects plus designstudio, PLLC
WHEATON, ILLINOIS 60189 PH#: 630.624.4425
BY ARCHITECTS PLUS DESIGN STUDIO, PLLC
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DESIGN FIRM: 184.008507 - EXPIRATION: 4/30/2023

NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

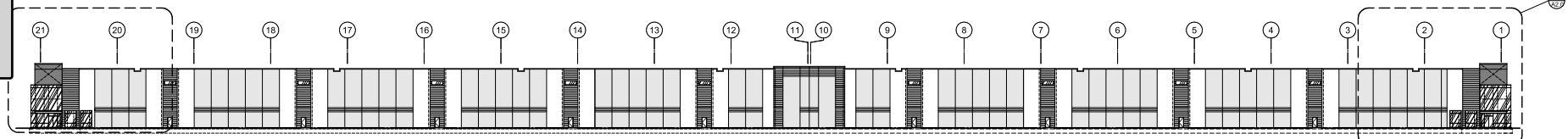
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1/12/22	ISSUED FOR PLANNING

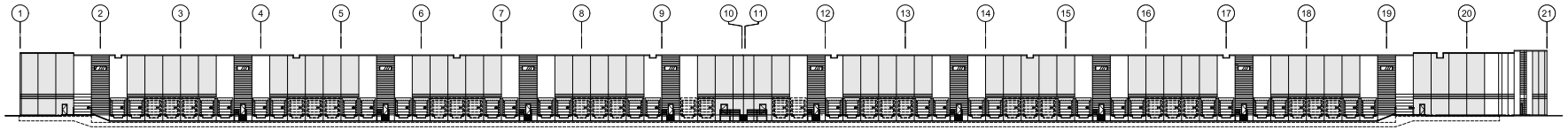
PROJECT NUMBER: 2021.04
DATABASE: 11/27/21
DRAWN BY: JH
CHECKED BY: JW

A-0

Packet Pg. 54



WEST ELEVATION
SCALE: 1" = 30'-0"



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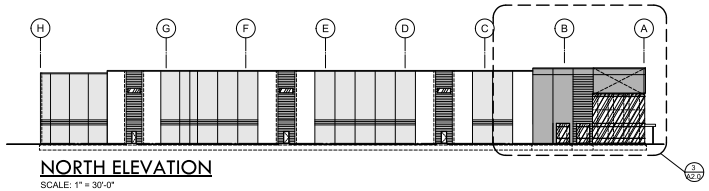
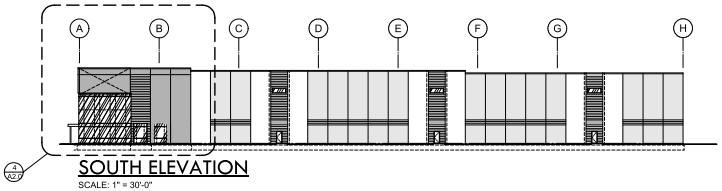
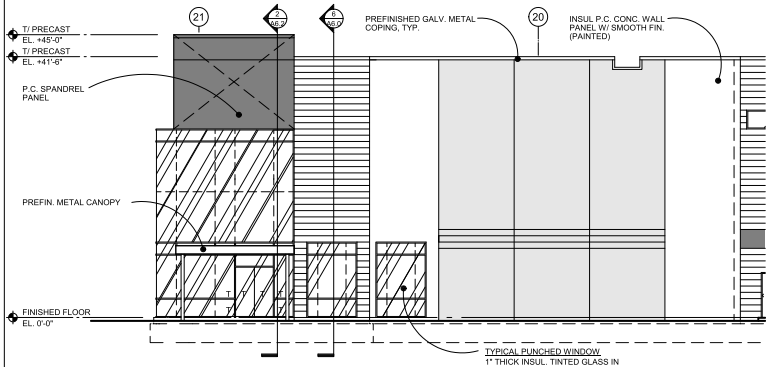


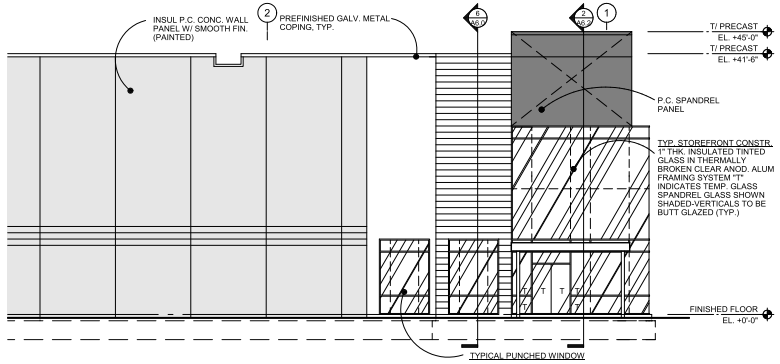
NORTH ELEVATION
SCALE: 1" = 30'-0"



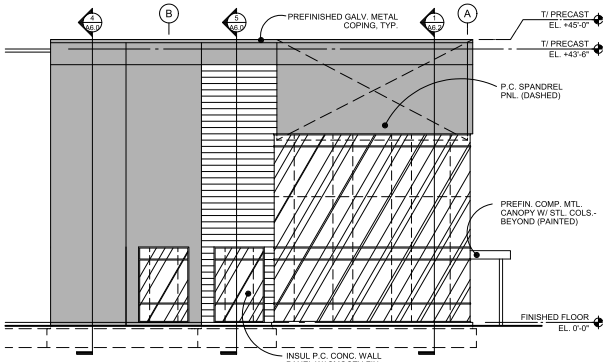
SOUTH ELEVATION
SCALE: 1" = 30'-0"



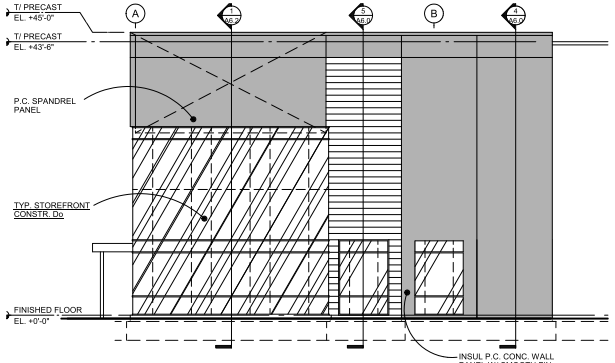
1 A2.0 ENLARGED ENTRY ELEVATION
SCALE: 1/8" = 1'-0"



2 A2.0 ENLARGED ENTRY ELEVATION
SCALE: 1/8" = 1'-0"



3 A2.0 ENLARGED ENTRY ELEVATION
SCALE: 1/8" = 1'-0"



4 A2.0 ENLARGED ENTRY ELEVATION
SCALE: 1/8" = 1'-0"

COLOR LEGEND

EXTERIOR PRECAST TO BE COLORED WITH SUPER PAINT BY SHERWIN WILLIAMS.
G.C. TO MATCH SHERWIN WILLIAMS COLORS SELECTED BELOW

- PURE WHITE - 7005 SHERWIN WILLIAMS
- PASSIVE - SW 7064 SHERWIN WILLIAMS
- PANTONE 422-C (GRAY)
- PANTONE 3597-C (BLUE)

FASCIA & GRAVEL STOP @ ENTRY
PAC-CLAD CITYSCAPE

FASCIA & GRAVEL STOP @ MAIN BUILDING
PAC-CLAD BONE WHITE

STOREFRONT SYSTEM
FRAMES - CLEAR ANODIZED ALUMINUM
INSUL. GLASS - GREY TINTED

PUNCHED WINDOWS
FRAMES - CLEAR ANODIZED ALUMINUM
INSUL. GLASS - GREY TINTED

INSUL. MTL. DOORS/FRAMES
FRAME - PAINTED TO MATCH PRECAST
DOOR -PAINTED TO MATCH PRECAST

OVERHEAD DOORS
DRIVE-IN DOORS - PREFINISHED WHITE
DOCK DOORS - PREFINISHED WHITE

PIPE BOLLARDS
SAFETY YELLOW

DEVELO

GENERAL CON

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4483
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507, EXPIRATION 4.30.2023

Architects plus designstudio, PLLC
1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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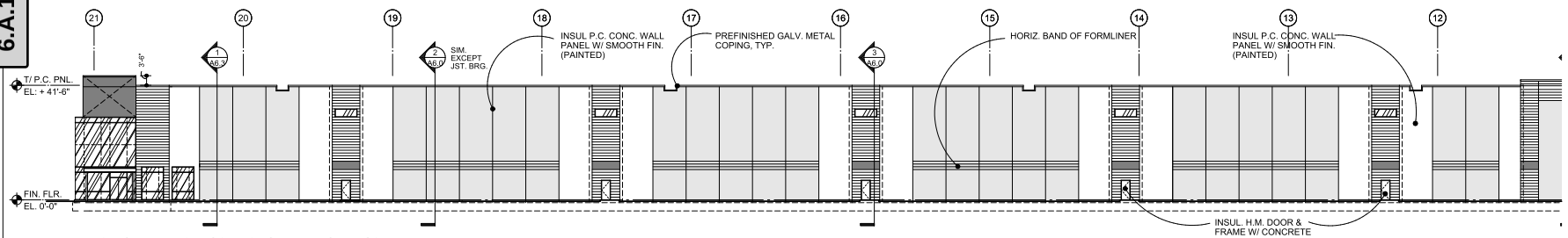
NEW OFFICE WAREHOUSE FOR:
PALATINE 90 LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JWJ
CHECKED BY	JWJ

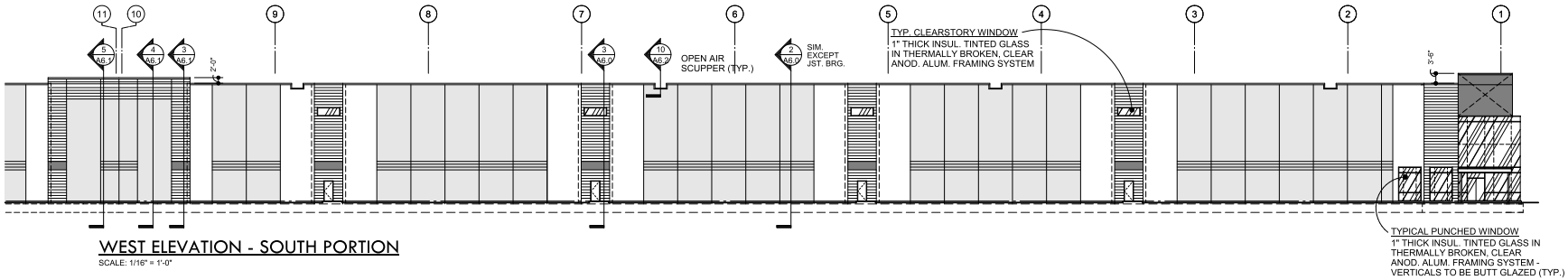
A-2.0

Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



WEST ELEVATION - NORTH PORTION

SCALE: 1/16" = 1'-0"



WEST ELEVATION - SOUTH PORTION

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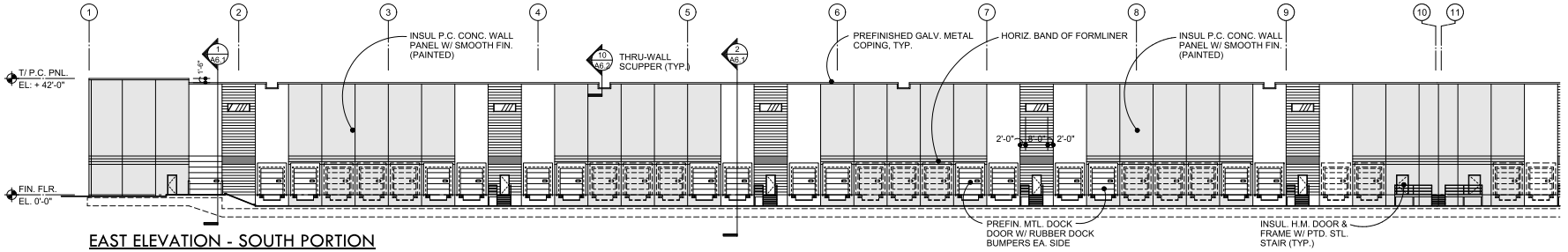
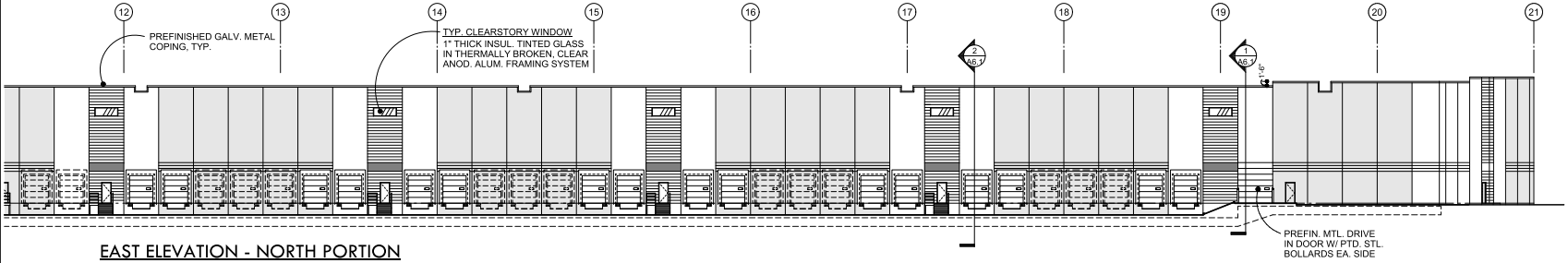


EAST ELEVATION - SOUTH PORTION

SCALE: 1/16" = 1'-0"



EAST ELEVATION - NORTH PORTION

SCALE: 1/16" = 1'-0"

DEVELO

LO PRO CO

GENERAL CON

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC

3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4483
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507, EXPIRATION 4.30.2023

Architects plus designstudio, PLLC

1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JM
CHECKED BY	JM

A-2.1

Attachment: Final ARCH I LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

COLOR LEGEND

EXTERIOR PRECAST TO BE COLORED WITH SUPER LOCK MASONRY PAINT BY SHERWIN WILLIAMS SELECTED FROM SHERWIN WILLIAMS COLORS SELECTED BELOW:

- DIRE WHITE - 7005 SHERWIN WILLIAMS
- PASSIVE - SW 7064 SHERWIN WILLIAMS
- PANTONE 422-C (GRAY)
- PANTONE 3997-C (BLUE)

FASCIA & GRAVEL STOP @ ENTRY: PAC-CLAD CITYSCAPE

FASCIA & GRAVEL STOP @ MAIN BUILDING: PAC-CLAD BONE WHITE

STOREFRONT SYSTEM: FRAMES - CLEAR ANODIZED ALUMINUM INSUL. GLASS - GREY TINTED

PUNCHED WINDOWS: FRAMES - CLEAR ANODIZED ALUMINUM INSUL. GLASS - GREY TINTED

INSUL MTL. DOORS/FRAMES: FRAME - PAINTED TO MATCH PRECAST DOOR - PAINTED TO MATCH PRECAST

OVERHEAD DOORS: EXTERIOR DOORS - PREFINISHED WHITE DOOR DOORS - PREFINISHED WHITE

DATE	DESCRIPTION
1/4/2022	ISSUED FOR PLANNING
2/25/2022	ISSUED FOR REVIEW

PROJECT NUMBER 2201.04
DATABASE
DRAWN BY JM
CHECKED BY JM

NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DEVELOPER
Logistics Property Company

GENERAL CONTRACTOR
Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER
SWIFT STRUCTURAL, PLLC
3300 RIVER PARKWAY, SUITE 1200
CHICAGO, ILLINOIS 60018
DESIGN FIRM NUMBER: 184.007130

ARCHITECT
DESIGN FIRM: 184.008301 - EXPIRATION: 4/30/2023
Architects plus designstudio, PLLC
1320 MILTON AVENUE
WAUKEGAN, ILLINOIS 60085 P 424.4433
BY ARCHITECTS PLUS DESIGN STUDIO, PLLC
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A-2.2

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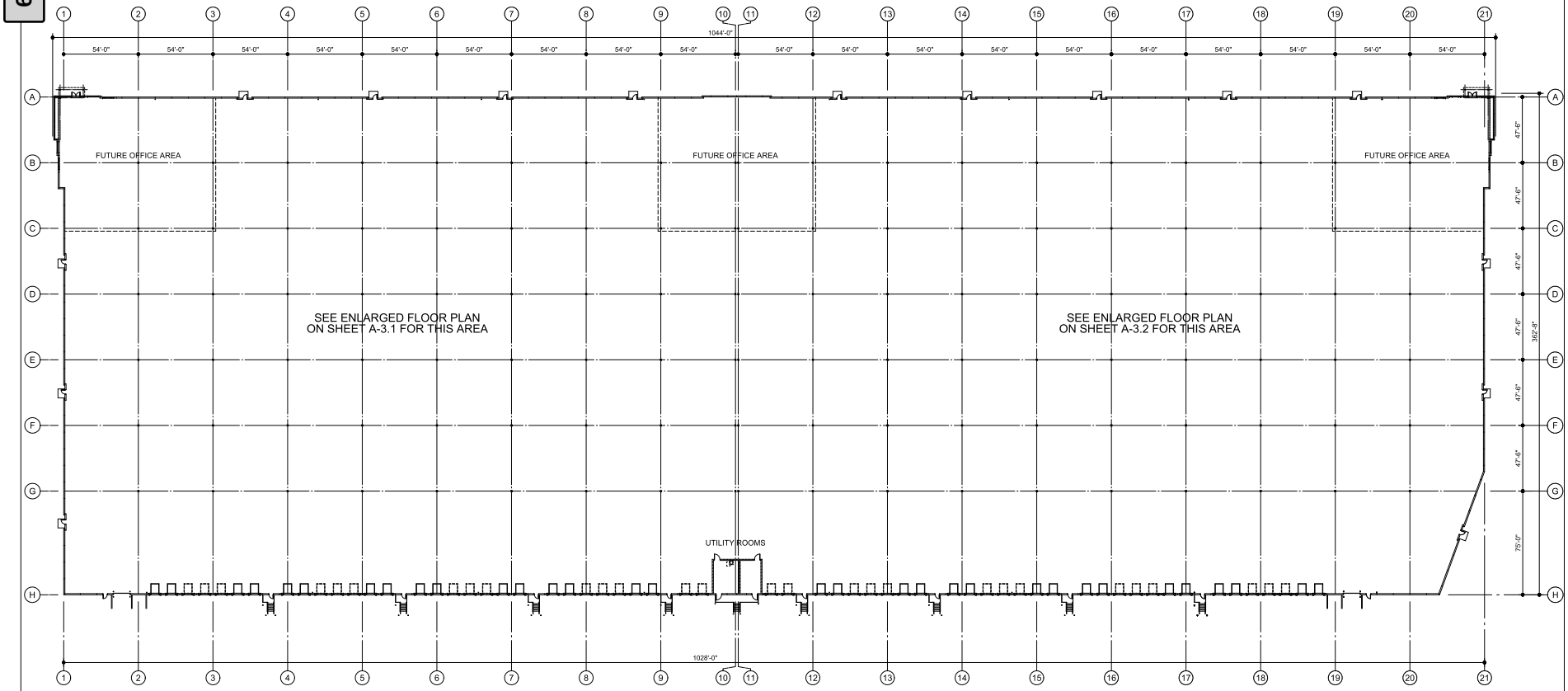

OVERALL FLOOR PLAN

SCALE: 1" = 30'-0"

NORTH

DEVELO

GENERAL CON

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC

3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.1483
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM: 184.008507, EXPIRATION 4.30.2023

Architects plus designstudio, PLLC

1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

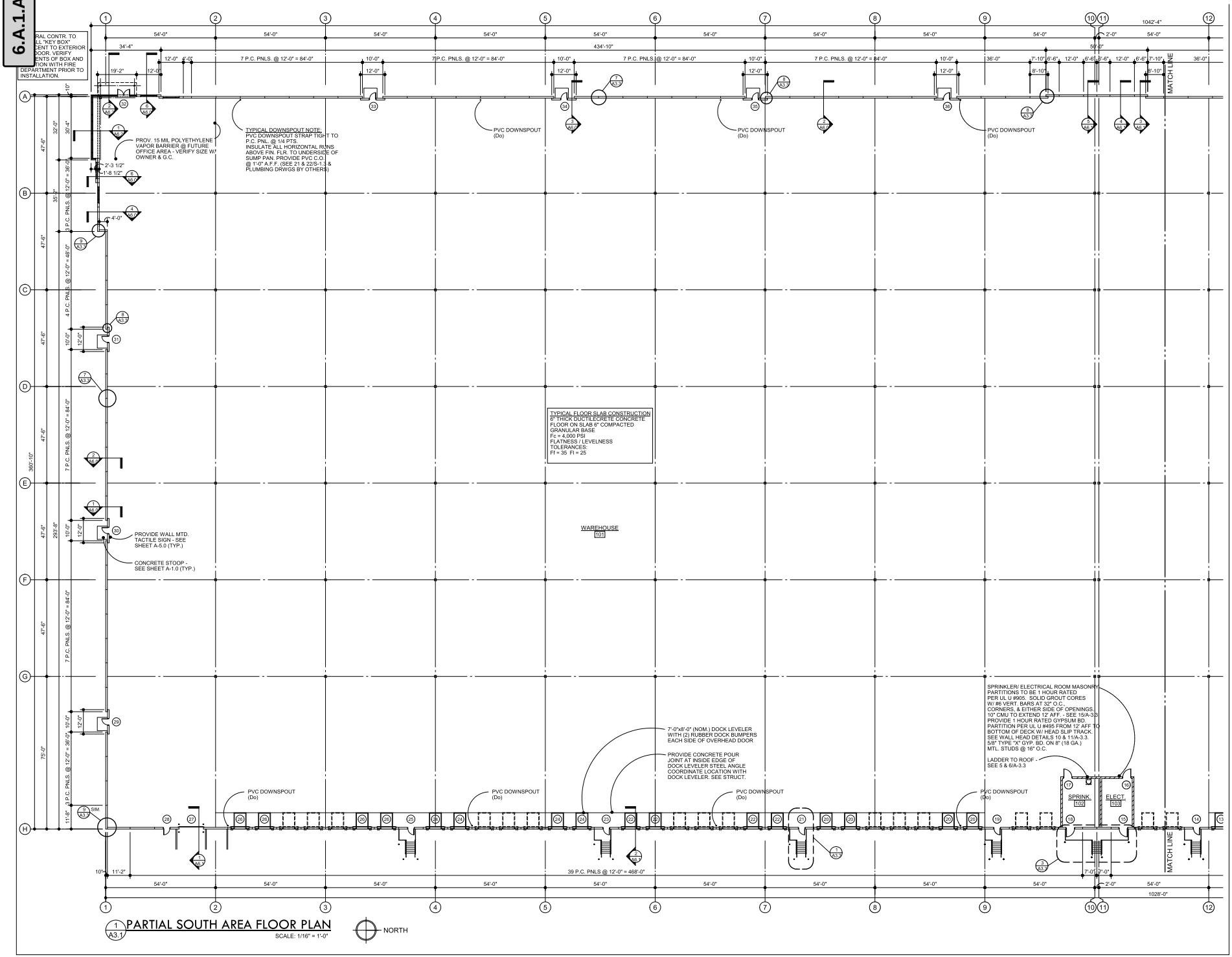
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JM
CHECKED BY	JM

A-3.0

Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



1 A3.1 PARTIAL SOUTH AREA FLOOR PLAN
SCALE: 1/16" = 1'-0"

NORTH

DEVELO

LOG PRO CO

GENERAL CON

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC

3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4483
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507, EXPIRATION 4.30.2023

Architects plus designstudio, PLLC

1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

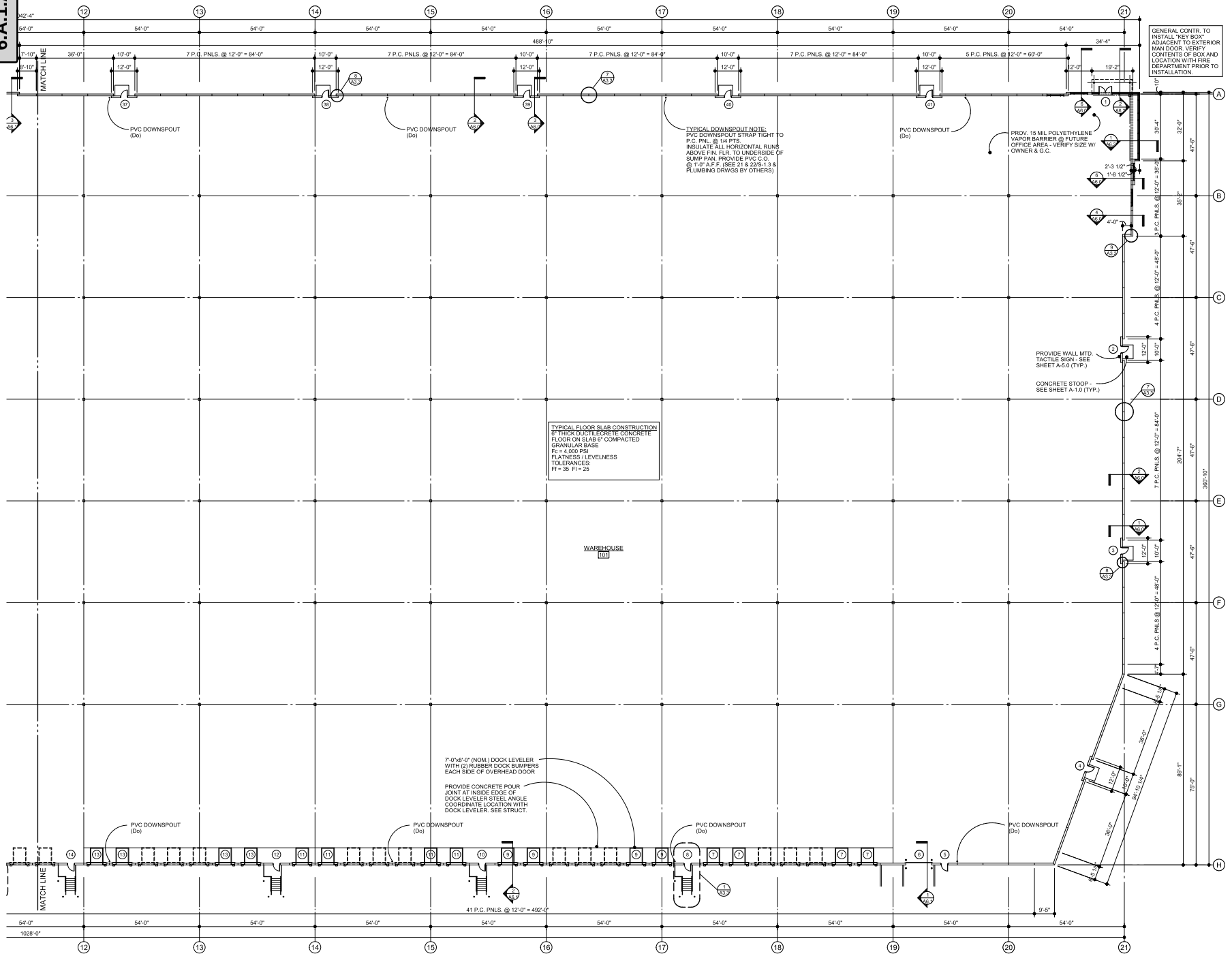
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR2B
DRAWN BY	JM
CHECKED BY	JM

A-3.1

Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



1 A3.2 PARTIAL NORTH AREA FLOOR PLAN
SCALE: 1/16" = 1'-0"

NORTH

DEVELO

GENERAL CON

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

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PHONE: 773.398.4483
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507, EXPIRATION 4.30.2023

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WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

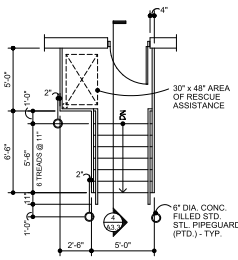
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

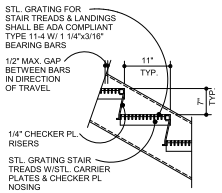
PROJECT NUMBER	2021.01A
DATABASE	FLOOR.DB
DRAWN BY	JM
CHECKED BY	JM

A-3.2

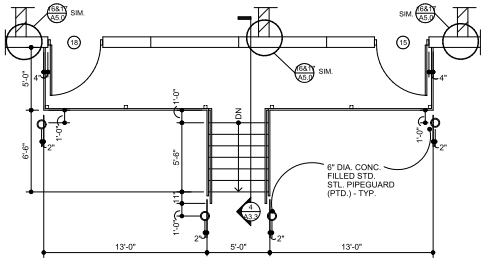
Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



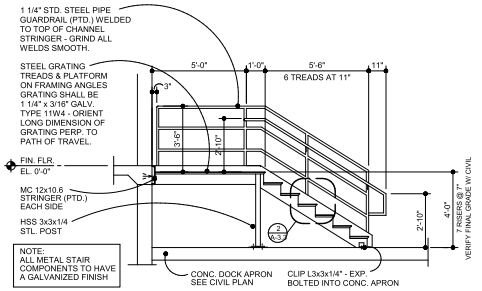
1 STAIR PLAN A-3.3 — 3/8" = 1'-0"



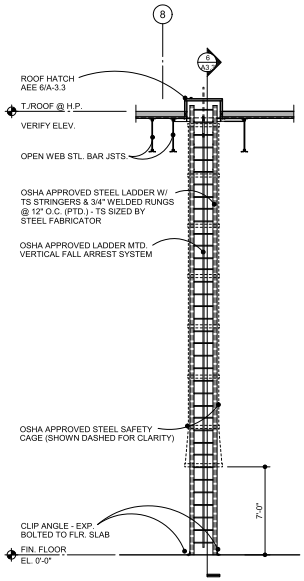
2 STAIR NOSING A-3.3 — 1" = 1'-0"



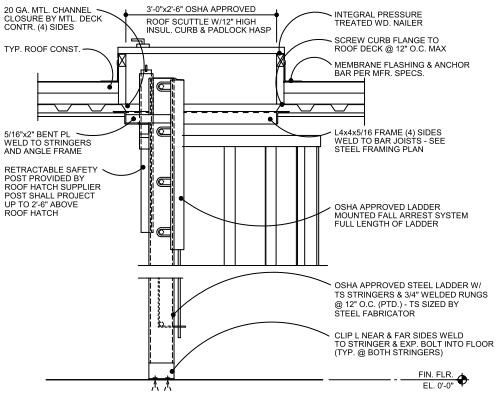
3 STAIR PLAN A-3.3 — 3/8" = 1'-0"



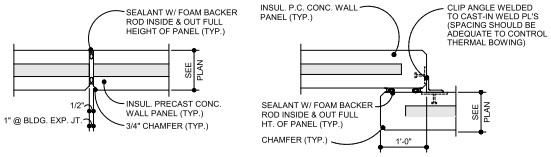
4 STAIR SECTION A-3.3 — 3/8" = 1'-0"



5 ROOF LADDER ELEVATION A-3.3 — SCALE: 1/4" = 1'-0"

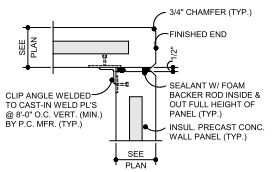


6 ROOF HATCH & LADDER SECTION A-3.3 — SCALE: 1" = 1'-0"

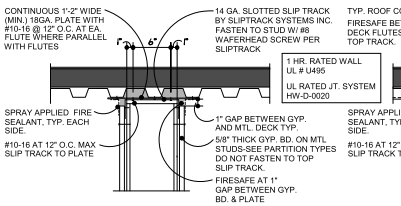


7 TYP. P.C. JOINT A-3.3 — 1" = 1'-0"

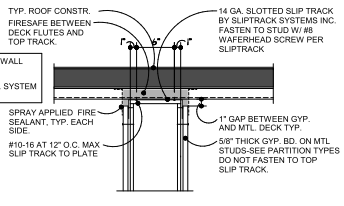
8 P.C. PANEL OVERLAP A-3.3 — 1" = 1'-0"



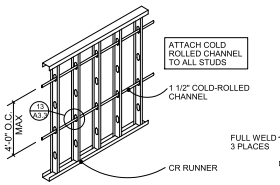
9 P.C. BUTT JOINT A-3.3 — 1" = 1'-0"



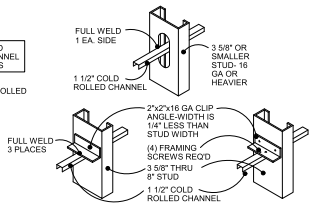
10 T/WALL DETAIL A-3.3 — SCALE: 1 1/2" = 1'-0"



11 T/WALL DETAIL A-3.3 — SCALE: 1 1/2" = 1'-0"



12 LATERAL BRACING A-3.3 — N.T.S.



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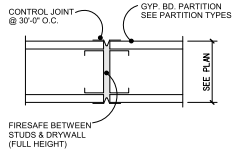
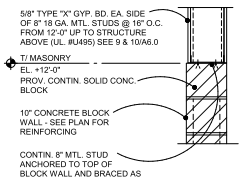
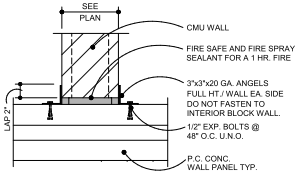


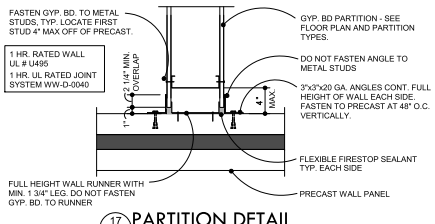
14 GYP. BD. EXPAN. JT. A-3.3 — 1 1/2"=1'-0"



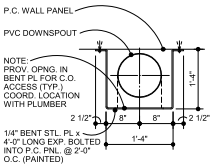
15 PARTITION DETAIL A-3.3 — 1"=1'-0"



16 PARTITION DETAIL A-3.3 — 1 1/2"=1'-0"



17 PARTITION DETAIL A-3.3 — 1 1/2"=1'-0"



18 D.S. PROT. DETAIL A-3.3 — 1"=1'-0"

DEVELO 2.1.d

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DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM: 184.008507, EXPIRATION 4.30.2023

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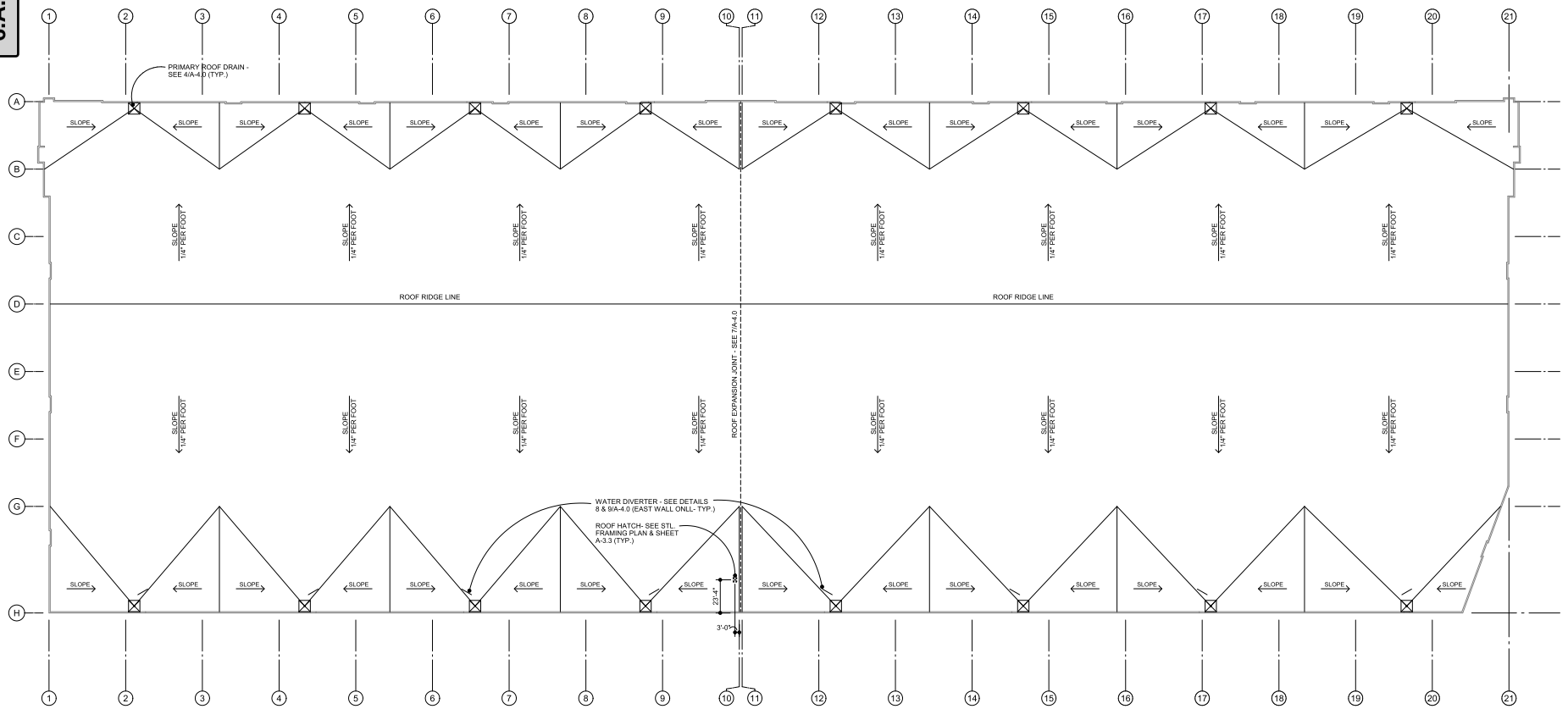
NEW OFFICE WAREHOUSE FOR:
PALATINE 90 LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JWJ
CHECKED BY	JWJ

A-3.3

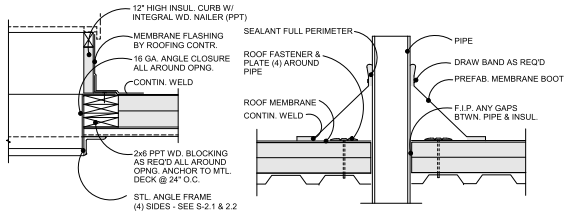
Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



OVERALL ROOF PLAN

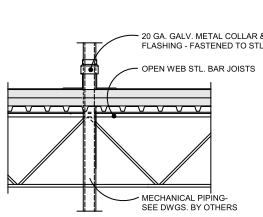
SCALE: 1" = 30'-0"

NORTH

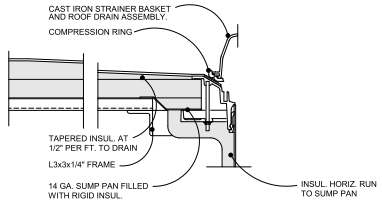


1 A4.0 HVAC CURB DET. SCALE: 1 1/2" = 1'-0"

2 A4.0 PIPE BOOT DET. SCALE: 1 1/2" = 1'-0"

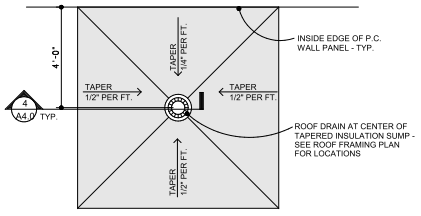


3 A4.0 MECH. PIPE BOOT DET. SCALE: 3/4" = 1'-0"

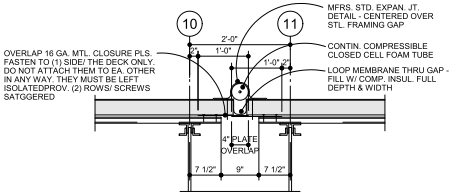


4 A4.0 PRIMARY ROOF DRAIN SCALE: 2" = 1'-0"

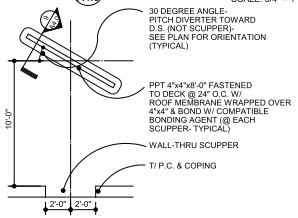
5 A4.0 NOT USED SCALE: N.T.S.



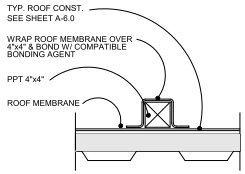
6 A4.0 ROOF DRAIN PLAN SCALE: 1/2" = 1'-0"



7 A4.0 EXPANSION JT. DET. SCALE: 1" = 1'-0"



8 A4.0 WATER DIVERTER PLAN SCALE: 1/4" = 1'-0"



9 A4.0 WATER DIVERTER SCALE: 1/4" = 1'-0"

DEVELO 21.d

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STRUCTURAL ENGINEER

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PHONE: 773.398.4483
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM: 184-008307, EXPIRATION 4.30.2023

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING
2.09.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.04
DATABASE	FLOORS
DRAWN BY	JW
CHECKED BY	JW

A-4.0

Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

DOOR SCHEDULE

DOOR, FRAME & HARDWARE NOTES

1. ALL DOORS INDICATED AS EXIT DOORS ON THE LIFE SAFETY PLANS SHALL INCLUDE HARDWARE THAT ALLOWS OPERATION & EGRESS WITHOUT THE USE OF A KEY IN THE DIRECTION INDICATED BY THE EXIT SIGN ARROWS, AND SHALL RELEASE WITH A FORCE NOT TO EXCEED 8 1/2# FOR EXTERIOR AND 5# FOR INTERIOR DOORS.
2. ALL DOORS AND HARDWARE SHALL COMPLY WITH THE STATE OF ILLINOIS ACCESSIBILITY STANDARDS.
3. PAINT ALL HOLLOW METAL DOORS AND FRAMES.
4. GC TO VERIFY MASTER KEYING AND LEVER FUNCTION (LOCKSETS) WITH OWNER.
5. ALL CLOSERS TO BE DELAYED ACTION TYPE.
6. PROVIDE SOLID WOOD BLOCKING BETWEEN STUDS AT ALL WALL MOUNTED DOOR STOPS.
7. LOUVERS IN METAL DOORS TO BE PAINTED
8. LOUVERS IN WOOD DOORS TO BE STAINED.
9. ALL DOORS TO HAVE SILENCERS, EXCEPT THOSE WITH WEATHERSTRIPPING OR SMOKE SEALS.
10. OPENINGS TO BE RATED INCLUDE THE DOORS, FRAMES AND HARDWARE, FOR FIRE RATING INDICATED. DOORS AND FRAMES SHALL BEAR APPROVED LABELS INDICATINDG THE RATING.
11. EXTERIOR DOORS SHALL BE PROVIDED WITH AN ANODIZED ALUMINUM THRESHOLD WITH A 1/2" MAX. HEIGHT AND BEVELED EDGE SLOPES NO GREATER THAN 1:2.
12. PROVIDE ILLUMINATED EXIT SIGNS AS REQUIRED BY LOCAL CODE OFFICIALS AND FIR DEPARTMENT.
13. PROVIDE ALL HARDWARE AS REQUIRED FOR THE NORMAL OPERATION OF ALL DOORS.

NUMBER	TYPE	SIZE	DOOR MATERIAL	FRAME MATERIAL	DETAILS		FIRE RATING	ELEV. TYPE	HDWE. GROUP	REMARKS
					HEAD	JAMB				
1	FULL GLASS	PR. 3'-0" x 8'-0" x 3/4"	HERCULITE	HERCULITE	-	-	0 HR.	A	1	
2	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
3	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
4	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
5	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
6	SECTIONAL	12'-0" x 14'-0"	INSUL. MTL.	STEEL	1/A-6.1	5/A-5.0	0 HR.	C	3	
7	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
8	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
9	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
10	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
11	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
12	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
13	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
14	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
15	FLUSH	4'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	6	
16	FLUSH	4'-0" x 7'-0" x 1 3/4"	H.M.	H.M.	3/A-5.0	4/A-5.0	1 HR.	B	5	
17	FLUSH	4'-0" x 7'-0" x 1 3/4"	H.M.	H.M.	3/A-5.0	4/A-5.0	1 HR.	B	5	
18	FLUSH	4'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	6	
19	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	8	
20	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
21	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
22	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
23	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
24	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
25	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
26	SECTIONAL	(4) 9'-0" x 10'-0"	INSUL. MTL.	STEEL	2/A-6.1	6/A-5.0	0 HR.	C	4	
27	SECTIONAL	12'-0" x 14'-0"	INSUL. MTL.	STEEL	1/A-6.1	5/A-5.0	0 HR.	C	3	
28	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
29	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
30	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
31	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
32	FULL GLASS	PR. 3'-0" x 8'-0" x 3/4"	HERCULITE	HERCULITE	-	-	0 HR.	A	1	
33	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
34	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
35	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
36	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
37	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
38	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
39	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
40	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	
41	FLUSH	3'-0" x 7'-0" x 1 3/4"	INSUL. MTL.	INSUL. H.M.	1/A-5.0	2/A-5.0	0 HR.	B	2	

DOOR HARDWARE GROUPS

HARDWARE GROUP #1
2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
CONCEALED VERT ROD EXIT DEVICE-EA. LEAF
CYLINDER TRIM
PULL HANDLE & PUSH BAR (EA. LEAF)
FLAT ALUMINUM THRESHHOLD
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
MEETING EDGE ASTRAGAL
CONCEALED CLOSER- EA. LEAF
CUSHION STOP ON CLOSER-EA. LEAF

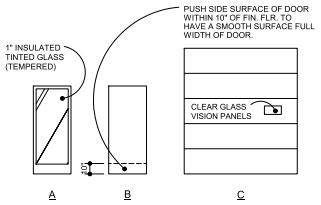
HARDWARE GROUP #2
1 1/2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
H.D. MORTISE LOCKSET w/LEVER HANDLE AND RETRACTABLE DEADBOLT
FLAT ALUMINUM THRESHHOLD
DRIP CAP ACROSS HEAD FRAME
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
SURFACE MOUNTED CLOSER-EA. LEAF
CUSHION STOP ON CLOSER-EA. LEAF
KICK PLATE ON PUSH SIDE

HARDWARE GROUP #3
3" VERTICAL LIFT TRACK
STANDARD HARDWARE & LOCK
WEATHERSTRIPPING, HEAD AND JAMBS
RUBBER ASTRAGAL
VISION PANEL (DRIVER'S SIDE ON EXTERIOR)
MOTOR OPERATOR

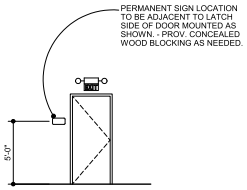
HARDWARE GROUP #4
3" VERTICAL LIFT TRACK
STANDARD HARDWARE & LOCK
WEATHERSTRIPPING, HEAD AND JAMBS
RUBBER ASTRAGAL
VISION PANEL (DRIVER'S SIDE ON EXTERIOR)

HARDWARE GROUP #5
2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
STOREROOM SET wLEVER HANDLE
EXIT DEVICE ON THE PUSH SIDE (EA. LEAF)
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
SURFACE MOUNTED CLOSER-EA. LEAF
KICK PLATE ON EACH SIDE OF DOOR
ROOM IDENTIFICATION SIGN
1 HOUR U.L. RATED

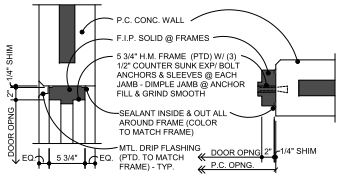
HARDWARE GROUP #6
2 PR BB BUTTS W/ N.R.P. (EA. LEAF)
H.D. MORTISE LOCKSET w/LEVER HANDLE AND RETRACTABLE DEADBOLT
EXIT DEVICE ON THE PUSH SIDE (EA. LEAF)
FLAT ALUMINUM THRESHHOLD
DRIP CAP ACROSS HEAD FRAME
WEATHERSTIPPING, HEAD AND JAMBS
DOOR BOTTOM SWEEP
SURFACE MOUNTED CLOSER-EA. LEAF
CUSHION STOP ON CLOSER-EA. LEAF
KICK PLATE ON PUSH SIDE
PERMANENT ROOM IDENTIFICATION SIGNAGE



DOOR ELEVATION TYPES
SCALE: 1/4" = 1'-0"

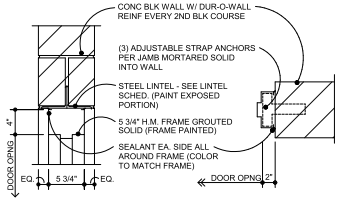


WALL MTD. SIGNAGE
SCALE: 1/4" = 1'-0"



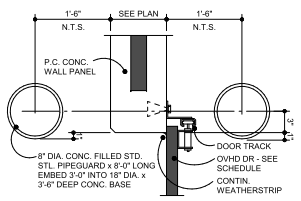
1 A-5.0 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

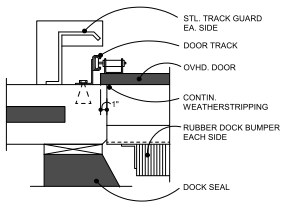


3 A-5.0 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



5 A-5.0 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



6 A-5.0 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

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DESIGN FIRM NUMBER: 184-007150
ARCHITECT
DESIGN FIRM 184.008507, EXPIRATION 4.30.2023
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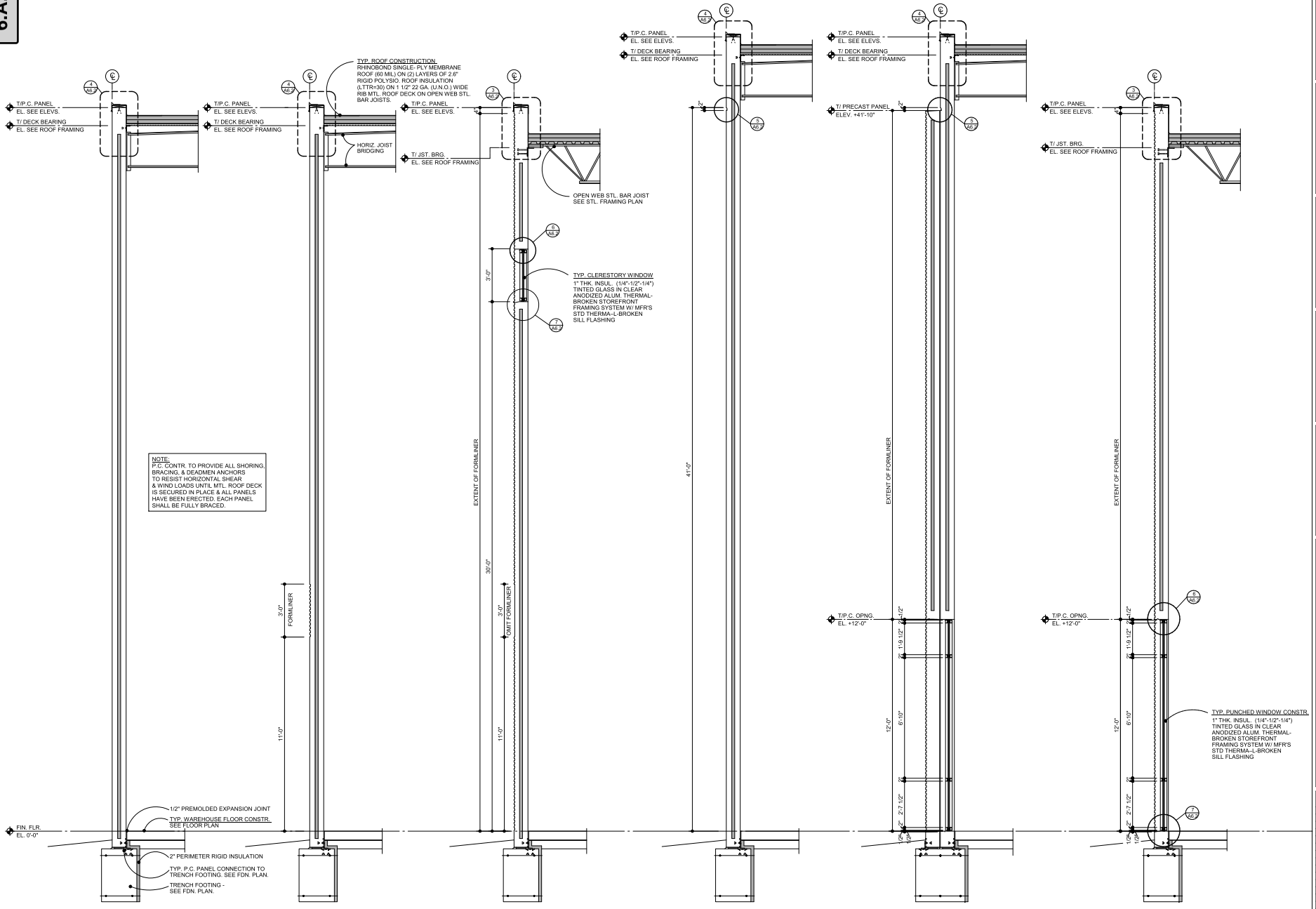
NEW OFFICE WAREHOUSE FOR:
PALATINE 90 LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING

PROJECT NUMBER	20210.14
DATABASE	FLOOR.DB
DRAWN BY	JWJ
CHECKED BY	JWJ

A-5.0

Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



1 A6.0 WALL SECTION SCALE: 1/2" = 1'-0"

2 A6.0 WALL SECTION SCALE: 1/2" = 1'-0"

3 A6.0 WALL SECTION SCALE: 1/2" = 1'-0"

4 A6.0 WALL SECTION SCALE: 1/2" = 1'-0"

5 A6.0 WALL SECTION SCALE: 1/2" = 1'-0"

6 A6.0 WALL SECTION SCALE: 1/2" = 1'-0"

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DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507, EXPIRATION 4.30.2023

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

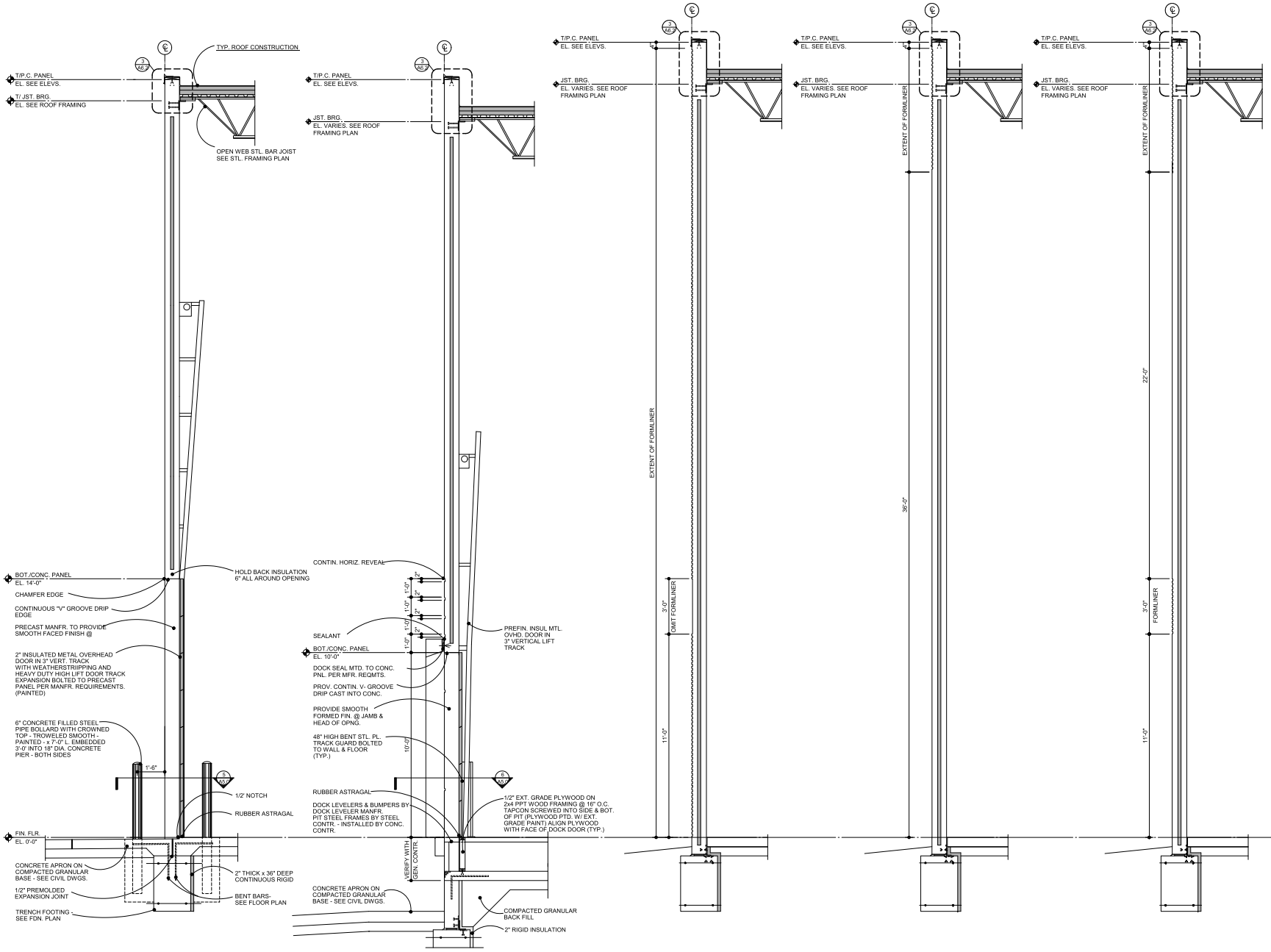
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING

PROJECT NUMBER	2021.04
DATABASE	FLOOR.DB
DRAWN BY	JM
CHECKED BY	JM

A-6.0

Attachment: Final ARCH I LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



1 A6.1 WALL SECTION - D.I.D.
SCALE: 1/2" = 1'-0"

2 A6.1 WALL SECTION - DOCK
SCALE: 1/2" = 1'-0"

3 A6.1 WALL SECTION
SCALE: 1/2" = 1'-0"

4 A6.1 WALL SECTION
SCALE: 1/2" = 1'-0"

5 A6.1 WALL SECTION
SCALE: 1/2" = 1'-0"

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

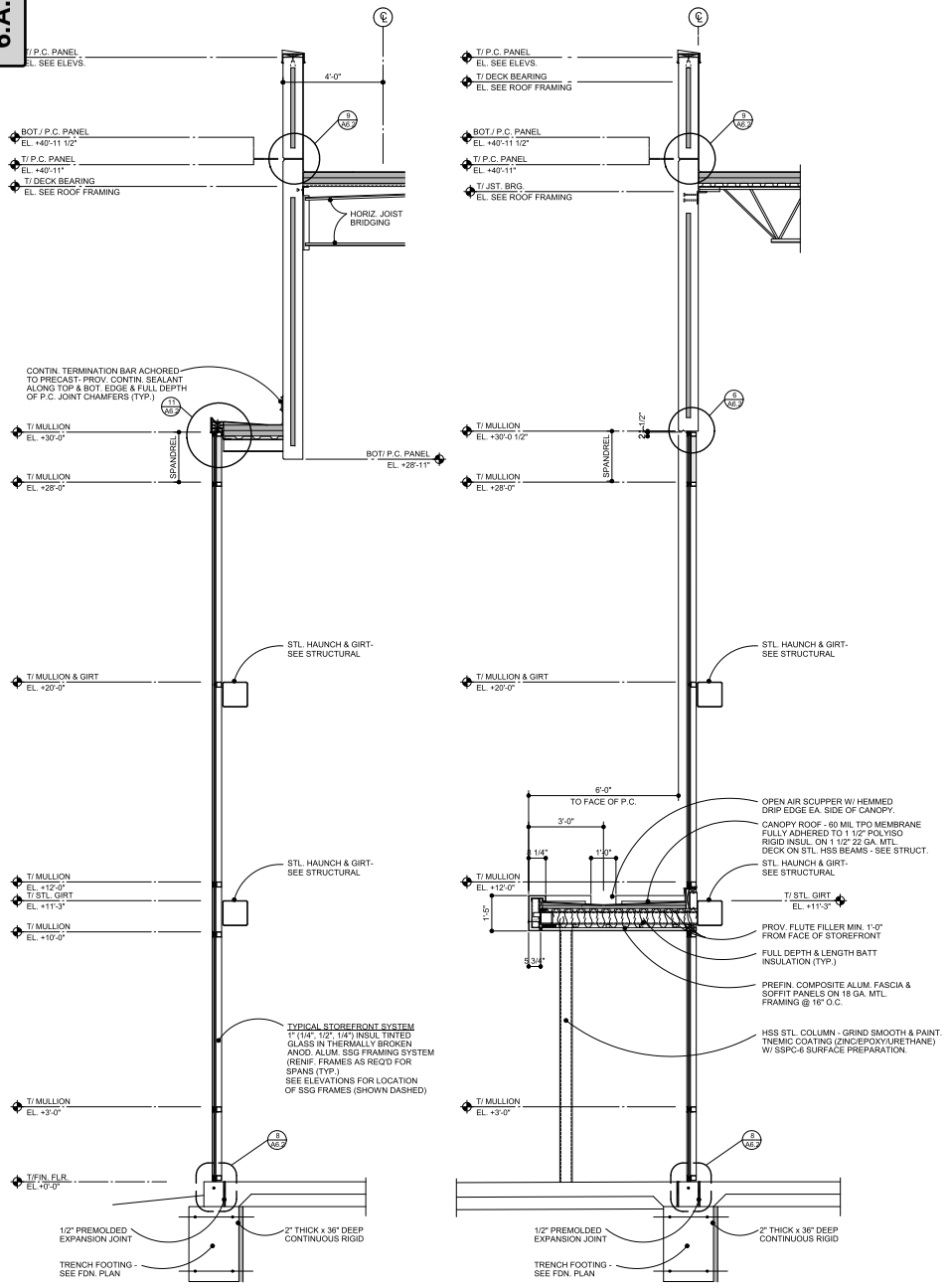
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING

PROJECT NUMBER	2021.04
DATABASE	FLOORS
DRAWN BY	JM
CHECKED BY	JM

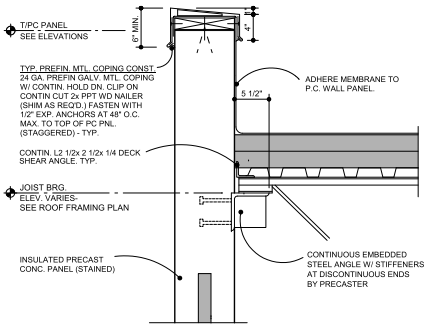
A-6.1

Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

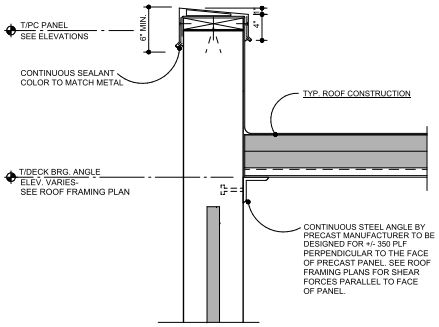


1 A6.2 WALL SECTION - ENTRY
SCALE: 1/2" = 1'-0"

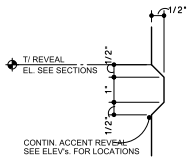
2 A6.2 WALL SECTION - ENTRY
SCALE: 1/2" = 1'-0"



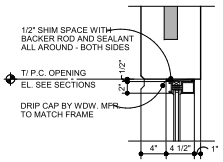
3 A6.2 JOIST BEARING
SCALE: 1 1/2" = 1'-0"



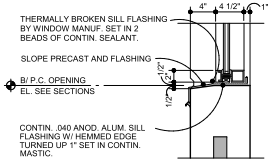
4 A6.2 DECK BEARING
SCALE: 1 1/2" = 1'-0"



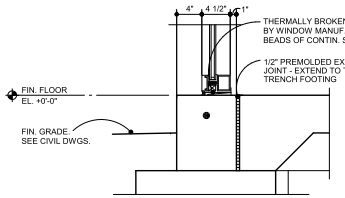
5 A6.2 P.C. REVEAL
SCALE: 1 1/2" = 1'-0"



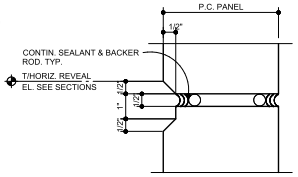
6 A6.2 WINDOW HEAD
SCALE: 1 1/2" = 1'-0"



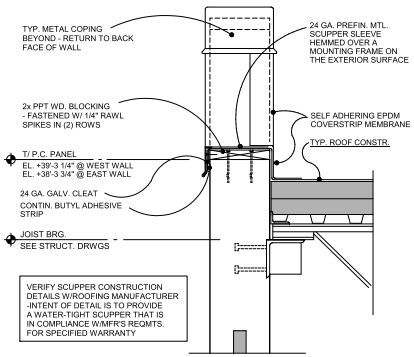
7 A6.2 WINDOW SILL
SCALE: 1 1/2" = 1'-0"



8 A6.2 WINDOW SILL
SCALE: 1 1/2" = 1'-0"



9 A6.2 P.C. SPANDREL JT.
SCALE: 3" = 1'-0"



10 A6.2 OPEN AIR SCUPPER
SCALE: 1 1/2" = 1'-0"

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DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507, EXPIRATION 4.30.2023

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WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:
PALATINE 90
LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.4.2022	ISSUED FOR PLANNING

PROJECT NUMBER	2021.014
DATABASE	FLOOR.rvb
DRAWN BY	JM
CHECKED BY	JM

A-6.2

Attachment: Final ARCH LPC - Palatine_Arch_220722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

ARCHITECTURAL & STRUCTURAL SPECIFICATIONS

LAW AND COMPLIANCE

All materials used, and work performed will be in compliance with all current laws of the:
Municipality of Palatine
County of Cook
State of Illinois
or any other authority having lawful jurisdiction.

DIVISION 0 CONTRACT REQUIREMENTS

SECTION 00700 GENERAL CONDITIONS

THE CONTRACTOR SHALL

1. Provide all labor, materials, equipment transportation, storage, and service necessary to properly complete the Work.
2. Prior to beginning construction:
   A. Review the Drawings and Specifications, inspect the site and verify all dimensions and existing conditions.
   B. File a statement with the Owner identifying any conflicts with the Drawings and Specifications, any omissions or errors in the Drawings and Specifications and any discrepancies between the design and job site conditions. If the Contractor finds no such conflicts, errors, omissions, or discrepancies, Contractors statement shall so state. The Owner reserves the right to require the Contractor to remove Work completed prior to submitting above statement.
3. The Contractor acknowledges that:
   A. Construction Documents are schematic, two dimensional representations of the proposed Work utilizing scaled drawings and details. Construction of the proposed Work in three dimensions at full size can be expected to reveal job site conditions and problems which could not be reasonably delineated.
4. The Contractor shall provide:
   A. Prior to construction, locate and leave undisturbed utility lines including gas, water, sewer, storm, telephone lines. Any work on a temporary or permanent basis must be accomplished without loss of service.
   B. Provide all temporary protection as required for safety, and comply with all O.S.H.A. requirements for applicable safety standards. a temporary or permanent basis must be accomplished without loss of service.
   C. Keep site free from accumulations of rubbish and waste materials at all times. Subcontractors are to remove and dospose of their rubbish on a daily basis at the completion of daily waork. Provide a final cleaning, disposal of all tools, equipment, surplus materials and rubbish pertaining to his work.
   D. Each and every contractor and subcontractor performing work at the of the project to which this contract relative, shall comply with applicable provisions of all pertinent federal and state Labor Laws.
5. The Contractor shall provide all required building permits are included.

CHANGES IN WORK

1. Change orders:
   A. The contractor shall not deviate from the Construction Documents without first obtaining a written Change Order from the Owner authorizing such deviation.

INSURANCE

1. Provide Certificates of Insurance for the following to the Owner prior to commencement of Work.
   A. Workers Compensation
   B. Employers liability Coverage in the following limits: (Per Owner/Contractor Agreement)
   C. Comprehensive General Liability in the following limits: (Per Owner/Contractor Agreement)

INDEMNIFICATION

1. Contractor shall defend, indemnify and hold harmless the Owner from any and all claims, damages, suits, causes of action, liability and judgments, together with any attorney's fees expended by the Owner in conjunction therewith, in conjunction with any injury or damage whatsoever to person or property, arising out of the Work performed by the Contractor at the site, or any act or omission by contractor, it's employees or agents at the site.

WARRANTY

1. The Contractor shall warrant the Work, including those portions performed under subcontract, for a period of one year from the date of final written acceptance by the Owner.
2. No warranties are expressed or implied.

INSPECTIONS

Special inspections, structural testing and other material evaluations shall be in accordance with Chapter 17 of the 2015 Edition of the I.B.C..

The Owner shall contract the Testing Agency for field testing and Special Inspections as noted in this section. The owner may direct the testing agency to perform additional field work, testing, inspections or observations beyond the minimum tests and inspections noted in this section.

FREQUENCY: CONTINUOUS	FREQUENCY: PERIODIC	SECTION
		STEEL (SECTION 1705.2 AND AISC 360)
		1. Material verification of high strength nuts, bolts & washers:
□	■	a. Identification markings to conform to ASTM standards specified in the approved construction documents.
□	■	b. Manufacturer's certificate of compliance required
		2. Inspection of high strength bolting (prior to bolting):
■	□	a. Manufacturer's certifications available for fastener materials.
□	■	b. Fasteners marked in accordance with ASTM requirements.
□	■	c. Correct fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from the shear plane.
□	■	d. Correct bolting procedure selected for joint detail.
□	■	e. Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements.
□	■	f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used.
□	■	g. Protected storage provided for bolts, nuts, washers and other fastener components.
		3. Inspection of high strength bolting (during bolting):
□	■	a. Fastener assemblies placed in all holes and washers and nuts are positioned as required.
□	■	b. Joint brought to the snug-tight condition prior to the pretensioning operation.
□	■	c. Fastener component not turned by the wrench prevented from rotating.
□	■	d. Fasteners are pretensioned in accordance with the rcsc specification, progressing systematically from the most rigid point toward the free edges.
		4. Inspection of high strength bolting (after bolting):
■	□	a. Document acceptance or rejection of bolted connections.
		5. Inspection of welding (prior to welding):
□	■	a. Welder qualification records and continuity records.
■	□	b. WPS available
■	□	c. Manufacturer certifications for welding consumables available.
□	■	d. Material identification (type/grade).
□	■	e. Welder identification system.
□	■	f. Fit-up of groove welds (including joint geometry). • Joint preparations • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location) • Backing type and fit (if applicable)
□	■	g. Fit-up of cjp groove welds of hss t-, y- and k-joint without backing (including joint geometry). • Joint preparations • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)
□	■	h. Configuration and finish of access holes.
□	■	j. Fit-up of fillet welds. • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)
		6. Inspection of welding (during welding):
□	■	a. Control and handling of welding consumables. • Packaging • Exposure control
□	■	b. No welding over cracked tack welds.
□	■	c. Environmental conditions. • Wind speed within limits • Precipitation and temperature
□	■	d. WPS followed. • Settings on welding equipment • Travel speed • Selected welding materials • Shielding gas type/flow rate • Preheat applied • Interpass temperature maintained (min/max) • Proper position (f, v, h, oh)
□	■	e. Welding techniques. • interpass and final cleaning • each pass within profile limitations • each pass meets quality requirements
■	□	f. Placement and installation of steel headed stud anchors.
		7. Inspection of welding (after welding):
□	■	a. Welds cleaned
■	□	b. Size, length and location of welds
■	□	c. Welds meet visual acceptance criteria. • Crack prohibition • Weld/base-metal fusion • Crater cross section • Weld profiles • Weld size • Undercut • Porosity
■	□	d. Arc strikes.
■	□	e. K-area.
■	□	f. Weld access holes in rolled heavy shapes and built-up heavy shapes
■	□	g. Backing removed and weld taBs removed (if required).
■	□	h. Repair activities.
■	□	j. Document acceptance or rejection of welded joint or member.
□	■	k. No prohibited welds have been added without the approval of the EOR.

FREQUENCY: CONTINUOUS	FREQUENCY: PERIODIC	SECTION
		COLD FORMED METAL DECK (AISI S240)
		8. Material verification tasks (prior to installation):
■	□	a. Product identification.
■	□	b. Verify compliance of connectors.
■	□	c. Document acceptance or rejection of cold-formed steel structural members and connectors.
		9. Material verification tasks (after installation):
■	□	a. Product identification.
■	□	b. Verify compliance of connectors.
■	□	c. Document acceptance or rejection of cold-formed steel structural members and connectors.
		10. Inspection of welding (prior to welding):
□	■	a. WPS available.
□	■	b. Manufacturer certifications for welding consumables available.
□	■	c. Material identification (type/grade).
□	■	d. Check welding equipment.
		11. Inspection of welding (during welding):
□	■	a. Use of qualified welders.
□	■	b. Control and handling of welding consumables.
□	■	c. Environmental conditions (wind speed, moisture, temperature).
□	■	d. WPS followed.
		12. Inspection of welding (after welding):
■	□	a. Verify compliance of welds.
■	□	b. Welds meet visual acceptance criteria.
■	□	c. Verify repair actiVities.
■	□	d. Document acceptance or rejection of welded connections.
		13. Inspection of mechanical fastening (prior to fastening):
□	■	a. Mech. fastener manufacturer installation instructions available for mech. fasteners
□	■	b. Proper tools available for mech. fastener installation.
□	■	c. Proper storage for mech. fasteners.
		14. Inspection of mechanical fastening (during fastening):
□	■	a. Mech. fastener are positioned as required.
□	■	b. Mech. fasteners are installed in accordance with manufacturer's instructions.
		15. Inspection of mechanical fastening (after fastening):
■	□	a. Verify compliance of mech. fasteners.
■	□	b. Repair activities
■	□	c. Document acceptance or rejection of mechanically fastened connections.
		OPEN WEB STEEL JOISTS AND JOIST GIRDERS (IBC 1705.2.3)
		16. Installation of open web steel joists and joist girders:
□	■	a. End connections - welding or bolted.
□	■	b. Bridging - horizontal or diagonal.
		CONCRETE (TABLE 1705.3)
□	■	1. Inspection of reinforcing steel, including prestressing tendons & placement.
□	■	2. Inspection of reinforcing steel welding in accordance with table 1705.3 - 2.
□	■	3. Inspection of anchors cast in concrete.
□	■	4. Inspection of anchors Installed in hardened concrete..
□	■	5. Verify use of required design mix.
■	□	6. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump & air content tests, and determine the temperature of the concrete.
■	□	7. Inspection of concrete & shotcrete placement for proper application techniques.
□	■	8. Inspection for maintenance of specified curing temperature & techniques.
		9. Inspection of prestressed concrete:
■	□	a. Application of prestressing forces.
■	□	b. Grouting of bonded prestressing tendons in the seismic force resisting system.
□	■	10. Erection of precast concrete members.
□	■	11. Inspect formwork for shape, location & dimensions of the concrete being formed.
		SOILS (TABLE 1705.6)
□	■	1. Verify materials below shallow foundations are adequate to achieVe the design bearing capacity.
□	■	2. Verify excaVations are extended to proper depth & haVe reached proper material.
□	■	3. Perform classification and testing of compacted fill materials.
■	□	4. Verify use of proper materials, densities and lift thicknesses during placement & compaction of compacted fill.
□	■	5. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.

The person administering the special inspection program is to be a licensed and registered engineer (professional or structural) in good standing with the state in which the project is located, and is familiar with the building type.

Individuals performing specific tests and inspections are to be qualified, trained and experienced at the Work they are performing. Where required and applicable, individuals are to certified by the appropriate regulatory body.

Special Inspections of soils to conform with section 1704.7 of the building code. The geo-technical report (noted in The excavating portion of the specifications) is to be used as a basis for compliance.

Special Inspections of concrete construction to conform with section 1704.4 and table 1704.4 of the building code for materials and components indicated on the construction drawings. Plants supplying concrete are to comply with aci requirements and be so certified.

Special Inspections of steel construction to comply with section 1704.3 and table 1704.3 of the building code for materials and components indicated on the construction drawings. The steel fabricator is to be A.I.S.C. certified. Joists to be designed and manufactured per SJI requirements and be so certified. Metal roof and floor decking to meet the requirements of sdi and be so certified.

Special Inspections of masonry to conform with section 1704.5 and table 1704.3 of the building code for materials and components indicated on the construction drawings.

Special Inspections of exterior insulation and finish system to conform with section 1704.12 should the E.F.I.S. be applied over a water-resistant barrier, no inspection or report is required.

Plants providing precast concrete products are to be PCI certified. See the precast concrete section of these specifications for additional requirements and information for precast concrete work.

Refer to General Concrete, Steel and Structural notes and the construction drawings for additional standards and design criteria to be included into the work of building components to be inspected.

The following schedule of Special Inspections are to be performed as a minimum by the Testing Agency:

Soils and subgrades for pavement and concrete foundations
Cast-in-place concrete and concrete floor slabs
Structural Steel
Precast Concrete

The Special Inspector is to be:

The Testing Agent/Agency is to have no contractual, fiscal or other obligations to the Contractor, Sub-Contractor or any other entity whose work is to be inspected on behalf of the Owner. Any conflict of interest must be disclosed to the Owner, Architect and Building Official prior to commencement of any Special Ispection.

The General Contractor shall be responsible for coordinating and scheduling Special Inspections and Testing. The Contractor shall notify the Special Inspector, Agency or Testing Lab at least 24 hours in advance of required inspection or test. Uninspected work resulting from lack of adequate notice may be rejected solely on that basis.

The General Contractor shall provide incidental labor and facilities to provide access to the work to be inspected or tested, to obtain and handle samples at the site or at the source of products to be tested, to facilitate tests and inspections, storage and curing of test samples.

The Special Inspection Program shall in no way relieve the General Contractor or any Sub-Contractor from their obligation to perform work in accordance with the contract documents, from implementing an effective quality control program or complying with all safety regulations (including O.S.H.A.). All work that is subjected to Special Inspections shall first be reviewed by the Contractor's quality control personnel. The Contractor shall be solely responsible for construction site safety.

The Testing Agency is to issue reports at the conclusion of each test or Inspection Practice. The reports are to be distributed to the Owner and General Contractor. Should any report claim a deficiency, failure or other non-compliance with the construction drawings then the Architect is to be notified. At the conclusion of each portion of the Special Inspection, the Testing Agency is to issue a final report indicating that the work was completed in general conformance with the construction drawings, shop drawing, erection drawings and other standards required by the Special Inspections section of the building code. The Architect and Building Official are to be copied on all final reports.

DIVISION 1 GENERAL REQUIREMENTS

SECTION 01000 PROJECT REQUIREMENTS

SUMMARY

1. The project consists of the construction of a new warehouse and office building with precast concrete exterior walls, steel truss girders, open web steel joists with metal roof deck, insulation and membrane roof system.
2. The Work includes Grading, Drainage and Sitework including a new truckwell, parking, landscaping, precast foundation, exterior precast concrete walls, roll-up and man doors, dock equipment and finishes as indicated in the Contract Documents.

PROJECT REQUIREMENTS

1. Contractors Use of Premises and Adjacent Facilities: Contractor to coordinate construction yard and site access with the Owner. Contractor to erect construction fence after rough grading work is completed. Contractor is not to disturb or encroach upon neighboring properties.

PERMITS

1. Apply for, obtain, and pay for building permits, and utility company backcharges required to perform the Work. Submit copies to the Owner.

INTENT

1. Drawings and Specifications are intended to provide the basis for proper completion of the Project suitable for the intended use of the Owner.
2. Items not expressly set fourth but which are reasonably implied or necessary for the proper performance of the Work shall be included.
3. Details marked "TYPICAL" or "TYP" shall apply in all cases unless specifically indicated otherwise.

COORDINATION

1. Coordinate the work of all trades.
2. Prepare coordination drawings for areas above ceilings where close tolerances are required between building elements and mechanical and electrical work.
3. Verify location of utilities and existing conditions. Notify Architect of conditions differing from those indicated on the drawings.
4. Verify dimensions on drawings with dimensions at the project. Do not scale Drawings.

CUTTING AND PATCHING

1. Provide cutting and patching work to properly complete the project.
2. Do not remove or alter structural components without written approval.
3. Cut with tools appropriate for materials to be cut.
4. Patch with materials and methods to produce a patch which is not visible from a distance of five feet.
5. Do not cut and patch in a manner that would result in failure of the Work to perform as intended, decrease fire performance, decrease acoustical performance, decrease energy performance, decrease operational life, or decrease safety factors.

FIELD ENGINEERING

1. Verify and locate utilities, existing facilities, and equipment.
2. Survey and layout improvements, utilities, structures and components.

SUBMITTALS

1. Submit for approval all submittals listed in each Section with the following number of copies:
   A. Shop Drawing reviewed and annotated by the Contractor: 3 copies and reproducible copy.
   B. Product Data: 3 copies
   C. Samples: 3 sets plus full range samples.
   D. Test Reports: 3 copies
   E. Warranties: 3 copies
   F. Other Submittals: 3 copies
2. Include details of construction and adjacent construction in shop drawings. Clearly indicate any deviations from requirements of the contract documents. Fabricate material from approved shop drawings only.
3. Contractor acknowledges that the Architects review of detailed shop drawings and/or equipment brochures is for the benefit of the Contractor and does not relieve the Contractor of responsibility to perform the Work in accordance with the Contract Documents.

QUALITY ASSURANCE

1. Comply with applicable codes, regulations, ordinances and requirements of authorities having jurisdiction including accessibility guide lines. Applicable codes regulations, requirements, and guidelines include but are not limited to the following:
   2015 INTERNATIONAL BUILDING CODE
   2017 NATIONAL ELECTRICAL CODE
   2015 INTERNATIONAL MECHANICAL CODE
   2018 INTERNATIONAL ENERGY CODE
   2014 ILLINOIS PLUMBING CODE
   2018 ILLINOIS ACCESSIBILITY CODE
   2000 NFPA 101 LIFE SAFETY CODE
   2015 INTERNATIONAL FIRE CODE
2. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for at least three years.
3. Use experienced installers.
4. Deliver, handle and store materials in strict accordance with manufacturers instructions.
5. Use of any supplier or subcontractor is subject to Owners approval.
6. Engage and pay for testing agencies required. Refer to individual Sections for requirements, as well as owner/contractor agreement.

TEMPORARY FACILITIES

1. Provide temporary facilities and connections required for proper completion of the Project.
2. Provide and maintain temporary utility services.
3. Pay for utility service consumed, do not waste.
4. Provide temporary protection for adjacent areas to prohibit contamination from dust and debris.
5. Provide barricades as necessary to ensure protection of the public.
6. Provide waste disposal receptacles and empty weekly. Do not permit accumulation of trash and waste material.
7. Provide temporary sanitary facilities. Clean facilities at least once a week minimum or more often if required.
8. Maintain egress within and around the project site.
9. Provide fire extinguishers in work areas during construction.
10. Coordinate with Owner area for temporary storage, site access workmen and material delivery.
11. Compressed gas cylinders when stored or used, shall be fastened securely in an upright position away from in any source of heat or flame.
12. Transport, store or dispense flammable liquids in safety cans labeled by Underwriters Laboratories or Factory Mutual laboratories.

PRODUCT SUBSTITUTIONS

1. Provide products & materials specified. Request Architects selection of colors & accessories in sufficient time to avoid delaying progress of Work.
2. Submit requests for substitutions in writing, including reasons. Submit sufficient information for Architect to evaluate proposed substitution.
3. Remove and replace Work not conforming to the Contract Documents at no additional cost to the Owner.

INSTALLATION

1. Inspect substrates and report unsatisfactory conditions in writing.
2. Do not proceed with installation until unsatisfactory conditions have been corrected. Any finishes or subsequent installations over unsatisfactory substrates shall be replaced by the Contractor at no additional cost to the Owner.
3. Take field measurements prior to fabrication where practical. Form to required shapes and sizes with true edges, lines and angles. Provide inserts and templates as needed for work of other trades.
4. Install materials in strict accordance with manufacturer's instructions and approved submittals.
5. Install materials in proper relation with adjacent construction with proper appearance.
6. Restore units damaged during installation. Replace units which cannot be restored at no additional cost to the Owner.
7. Read and follow all referenced I.C.B.O. reports for installation of items shown. Alternate methods of construction may be submitted for approval to the project Architect with applicable I.C.B.O. reports.

Materials

1. All materials and equipment shall be new and unused products unless expressly reviewed and approved by the Architect in writing that specific products may be used in the construction.
2. The Architect does not specify or recommend the use or installation of any material or equipment which is made from or which contains asbestos for use in the construction of this project. Any party installing or using such material or equipment shall be solely responsible for all injuries, damages, or liabilities of any kind, caused by the use of such materials or equipment. The provisions of this note shall apply unless expressly waived in writing by the Architect.

CLOSE - OUT

1. Prepare punch list for remaining work for review by the Architect.
2. Complete the punch list items promptly at no additional cost to the Owner.
3. Submit accurate record documents of the site and building. Submit record documents (drawings) on reproducible media. Include dimensioned locations of site utilities and utilities concealed by construction, changes in the Work by Change Order, and addenda. Submit record specifications with annotations of revisions and changes. Submit record product data and listing of products used. Provide one copy record specifications and three of record submittals.
4. Submit three copies of operating manuals, maintenance manuals & warranty certificates.
5. Obtain and submit occupancy permits.
6. Train Owner in use and operation of building systems.
7. Remove temporary facilities and provide final cleanup.

DIVISION 2 SITE WORK

(Refer to Civil & Landscape drawings for additional information. Civil & Landscaping notes shall take precedence over these specifications.)

SECTION 02100 SITE CLEARING

SUMMARY

1. Protect existing trees, vegetation, landscaping materials, and site improvements not indicated for clearing which might be damaged by construction activities.
2. Trim existing trees and vegetation as acceptable to the Owner in writing.
3. Clear and grub site of stumps, vegetation, debris rubbish, designated trees, and designated site improvements.
4. Provide topsoil striping and stockpiling at approved locations.
5. Provide temporary erosion control, siltation control, and dust control.
6. Provide temporary protection of adjacent property, structures, benchmarks, and monuments.
7. Provide temporary relocation of site improvements scheduled for reuse.
8. Water trees & vegetation during construction. Replace trees & vegetation with same specie and size if damaged or lost due to construction activities.
9. Remove and legally dispose of cleared materials not to be reused in construction.

PRODUCTS

1. Tree protection, erosion control, siltation control, and dust control materials suitable for site conditions.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.

SECTION 02200 EARTHWORK

(Verify conditions with soils report provided by Owner.)

SUMMARY

1. Provide excavation, filling, compaction, and grading for buildings, site improvements, and utilities.
2. Provide suitable materials for subbase, drainage fill, and backfill for slabs, pavements, and improvements
3. Provide removal and legal disposal of excavated materials.

SUBMITTALS

1. List and source of material from off site locations.
2. Location for disposal of excess materials.

PRODUCTS

1. Subbase Material: Graded mixture of natural or crushed gravel, or class II Aggregate base.
2. Drainage Fill: Washed evenly graded mixture of crushed stone or gravel, with 100 percent passing a 1-1/2 inch sieve and not more than 5 percent passing a No. 200 sieve.
3. Backfill and Fill Material: Satisfactory soil materials free of clay, free rock or gravel larger than 2 inches in any dimension, debris, waste, vegetation and other unsuitable materials meeting the following requirements:
   A. Percent passing No. 4 sieve: 100
   B. Percent passing No. 200 sieve: 3 max.
   C. Maximum plasticity index: 10

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements & Geotechnical Investigation Report provided by:

2. Remove and recompact upper 12 inches of native soil under building pad and extending 5 feet beyond exterior building walls. (Verify soils report requirements)
3. Compact all fill and upper 6 inches of existing subgrade in accordance with A.S.T.M D1557 as follows:
   A. Pavements 95%
   B. Building pad 90%
   C. Utility Trench in Paving
      1) Upper 2 feet 95%
      2) Below 2 feet 90%
   D. Utility Trench in Landscaped areas 90%
4. Grading:
   A. Grading Tolerances:
      1) Lawns and unpaved areas: +/- 1 inch
      2) Paved areas: +/- 1/2 inch
      3) Fill under building slabs: +/- 1/2 inch (measured w/ 10' straight edge)

SECTION 02250 SITE CONCRETE

SUMMARY

1. Provide cast-in-place concrete for sidewalks, curbs, gutters and site structures.
2. Off-site work shall conform to the specifications of the local governing authority having jurisdiction over the project.

PRODUCTS

1. Concrete: ASTM C 150, Type1 Portland cement; ASTM C 33 normal aggregates; Potable water.
   A. Design Mix: ASTM C 94, 2000 psi, 28 day minimum compressive strength.
   B. Slump: 5 inch max.
   C. Finish: Broom

INSTALLATION

1. Landings at doors: Provide a maximum of 1/2" lower than top of threshold in elevation difference.
2. Construction Tolerance: 1/8" in 10 feet for grade and alignment. 1/4" in 10 feet for vertical or sloped face on longitudinal axis.

SECTION 02511 ASPHALT PAVING

SUMMARY

1. Provide hot mixed asphalt paving over prepared sub base.
2. Provide submittals per Section 01000 and provide field testing for AC paving thickness & compaction

PRODUCTS

1. Asphalt-Aggregate Mixture: Plant-mixed, hot-laid asphalt-aggregate mixture, APWA Section 34, Class B Illinois.
   A. Total pavement thickness; asphalt concrete
      1) to 2 inches: type B, max. 1/2 inch aggregate
      2) greater than 2 inches; type B, max. 3/4 inch aggregate-Top 2" lift minimum to be 1/2 inch aggregate
2. Prime Coat: Cutback asphalt.
3. Tack Coat: Emulsified-asphalt, grade SS-1 conforming to APWA Section 34, Class B Illinois.
4. Herbicide Treatment: Du Pont Oust or approved equivalent.
5. Pavement Markings: Epoxy modified alkyd-resin type paint, AASHTO M 248, Type 1. Dunn Edwards Vin-I-Stripe W-801. Blue at handicapped areas, white elsewhere, unless otherwise noted.
6. Aggregate Base: Class II, conforming to APWA Section 34, Class B Illinois.
7. Concrete Materials: Conform to APWA Section 34, Class B Illinois.

INSTALLATION

1. Comply with Geotech Report as per Section 02200 & APWA Section 34 Class B.
2. Herbicide Treatment: Comply with manufacturers written application instructions.
3. Tack Coat: Apply to existing asphalt-concrete surfaces and vertical surfaces of existing pavements, curbs, gutters, structures, and construction joints to which pavement is to be applied. Apply at 1/10 gallon per square yard conforming with APWA Section 34, Class B Illinois.
4. Asphalt Concrete: compact to 95% minimum relative compaction.

SECTION 02700 DRAINAGE

SUMMARY

1. Provide storm drain system.

PRODUCTS

1. Storm Drain Piping: Contractors option, provide one of the following:
   A. Reinforced Concrete Pipe (RCP): Class III, conforming to ASTM C76.
      1) Joints: Either rubber gasket, ASTM C443 or mortar.
   B. Polyvinyl Chloride Pipe (PVC): Bell and spigot pipe, ASTM D3304, SDR-35.
   C. Structures: Provide drainage structures as detailed on the drawings

INSTALLATION

1. Comply with manufacturers written instructions.
2. Upon completion of backfilling and compaction of the PVC piping, test the pipe for deflection by pulling a properly sized mandrel through the line demonstrating the maximum pipe deflection does not exceed 5 percent. Furnish the Architect with a report indicating the results. If the deflection prohibits passage of the madrel, excavate the pipe and make repairs.
3. Piping shall maintain positive slope.

DIVISION 3 CONCRETE

SECTION 03300 CAST-IN-PLACE CONCRETE

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Provide plant mixed cast-in place concrete.
   A. Foundations and footings.
   B. Slabs
2. Comply with ACI 301, Specifications for Structural Concrete for buildings. ACI 318, Building Code Requirements for Reinforced Concrete & CRSI Manual of Standard Practice. Provide FF45 & FL55 minimum at all concrete slabs.

PRODUCTS

1. Concrete Design Mixes: As indicated on structural drawings.
2. Formwork: Plywood or metal panel formwork sufficient for structural & visual requirements.
3. Reinforcing: As indicated on structural drawings.
4. Concrete Materials: ASTM C150, Type V Portland cement; (Type as indicated on structural drawings)
   A. Normal weight aggregate: ASTM C33.
   B. Fly Ash: ASTM C618, Type F.
5. Bonding Compound: Polyvinyl acetate or acrylic base.
6. Epoxy Adhesive: ASTM C 881 two component material.
7. Anchor bolts: ASTM A307.
8. Dry pack: Mix 1 part cement to 1-1/2 parts fine aggregate with a minimum of water. Minimum compressive strength of 3000 psi at 28 days.
9. Curing / Sealing compound shall be compatible with bond breaker.

INSTALLATION

1. Comply with ASTM C94, CRSI Manual of Standard Practice, IBC edition, & ACI publications.
2. Maximum concrete slump at delivery: 4 inches.
3. Reinforcing steel placement:
   A. Concrete placed against soil; 3 inches.
   B. Concrete placed in forms & subsequently exposed to weather 2 inches.
   C. Clear separation between bars; 1-1/2 bar diameters with a minimum of 1-1/2 inches clear.
   D. Splices; Lap 30 bar diameters or 24 inches whichever is greater & welded splices are not allowed, unless otherwise noted or shown.
   E. Secure reinforcing steel in position prior to placement of concrete.
4. Properly secure in position all anchor bolts, inserts, dowels, & other items indicated on drawings to be cast in concrete, prior to placement of concrete.
5. Provide concrete finishes for formed surfaces:
   A. Not Exposed to View: As-cast form finish.
   B. Exposed to View Surfaces: Smooth form finish.
   C. Sack & patch as required to attain smooth uniform appearance.
   D. All pick point depressions to be filled.
6. Provide Concrete Finish for Monolithic Slabs:
   A. Scratch finish for surfaces to receive concrete floor topping or mortar setting bed.
   B. Trowel finish for surfaces to be exposed to view or covered with resilient flooring, carpet, tile or other thin finish system.
   C. Trowel & broom finish for surfaces to receive thin-set ceramic tile finish or quarry tile.
   D. Non-slip broom finish for exterior concrete platform, steps & ramps, unless otherwise noted.
7. Install concrete per AC1 302.1R. Repair any damaged areas to achieve acceptable finishes with approved materials.

SECTION 03410 PLANT PRECAST CONCRETE

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Design and construct precast wall panels to withstand lifting and bracing loads and impact from adjoining panels.
2. Submit shop drawings, concrete mix designs, and laboratory test reports.
3. Comply with ASTM C94; ACI 301, "Specifications for Structural Concrete for Buildings"; ACI 318, "Building Code Requirements for Structural Concrete"; CRSI's "Manual of Standard Practice"; AWS D1.1; and AWS D1.4.
4. Engage a qualified independent testing agency to design concrete mixes.
5. All precast shall be designed for anchorage, erection, reinforcing, and applied loads by a registered structural engineer, licensed in the state where the panels are to be fabricated. He shall provide all drawings, and calculations to which he shall affix his seal & signature.
6. Precast concrete panels shall be prestressed to structurally support the roof structure (wind & live load) & handling (erecting) loads, and shall be designed so that both wythes of concrete, inner & outer, shall be kept in compression under all loading conditions. No flexural tension is to be allowed in the pre-compressed tensile conditions. Both wythes shall be stressed to minimize any bowing due to eccentricity of prestress force.
7. Insulated precast concrete panels are to have continuous polystyrene insulation as required to achieve a minimum resistance rating of R=12.0, or as noted in the construction documents.
8. See construction documents for the precast panel finish.

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STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
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DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

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NEW OFFICE WAREHOUSE FOR:
PALATINE 90
LOGISTICS CENTER
ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.08.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOORDB
DRAWN BY	JMW
CHECKED BY	JMW

SP-1

Attachment: Final ARCH LPC - Palatine_Arch_020722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

ARCHITECTURAL & STRUCTURAL SPECIFICATIONS

PRODUCTS

1. Deformed Reinforcing Bars: ASTM A615, Grade 60 (ASTM A615M, Grade 420); ASTM A305.
2. Portland Cement: ASTM C150, Type 1.
3. Prestressed steel strands: ASTM A-416.
4. Aggregates: ASTM C33, Class 4S.
5. Miscellaneous steel: ASTM A-36
6. Steel anchors, inserts, coils & bolts: ASTM A-325; A-307.
7. Insulation: Polystyrene.
8. Water: Clean & void of all deleterious materials.

EXECUTION

1. Fabrication:
   A. All concrete to be designed & manufactured in accordance with ACI-301, ACI-304, ACI-311, ACI-318, ACI-347, ACI-533, CRSI manual of Standard Practice, PCI-116, AWS D1.0, AWS D12.1
   B. Concrete strength shall be at least 5,000 PSI at 28 days & shall be at least 3,500 PSI at release.
   C. Concrete back side shall be floated smooth, free from oil, grease, trowel marks, honeycombing and exposed aggregate.
   D. Exposed edges are to be sharp, straight & square. All flat surfaces shall be a true plane.
   E. Additives or mixtures containing calcium chloride will not be allowed in the concrete.
   F. Tolerances shall be 1/8" in width, 1/2" in length & 1/4" in depth for all dimensions. All window & door tolerances are to be 1/4".
   G. Any steel hardware embedded into the panels which is exposed to the exterior of the building is to be hot-dipped galvanized. Paint any portion where the galvanizing is removed due to welding. Steel located in the exterior face of the panels are to be approved by the architect.
2. Erection:
   A. Tilt & raise panels; erect plumb. Accurately position & align panels & anchor in place. Grout-fill joints between panels and foundation system. Securely brace & shore panels until supporting structure has been installed.
   B. Installation Tolerance: 1/4-inch (6-mm) maximum offset in alignment with adjacent members at any point.
   C. Welding shall conform to aws specifications (except as modified by AISC Specifications) & shall be performed by certified welders. Prime all welds & exposed steel after welding is complete.
   D. Provide plastic cover caps at all lifting locations.
   E. Panels with cracks, voids, protrusions, spalls, or non uniform color or texture will not be approved. Repairs will be permitted only with approval by Architect. Remove and replace defective or damaged panels.
   F. Patching shall be done per ACI standards.

DIVISION 5 METALS

SECTION 05120 STRUCTURAL STEEL

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Provide Structural Steel for building construction and related anchors, fasteners and connectors.

SUBMITTALS

1. Submit shop drawings of structural steel members and connections.

QUALIFICATIONS

1. Steel Fabricators: I.C.B.O. Steel Fabricators License.
2. Welders: AWS certified.

PRODUCTS

1. Standards: AISC, Code of Standard Practice for Steel Buildings and Bridges, and applicable regulations.
2. Steel Materials:
   A. Structural Steel Shapes: ASTM A992.
   B. Plates and Bars: ASTM A36.
   C. Cold-Formed Steel Tubing: ASTM A500, Grade B.
   D. Steel Pipe: ASTM A53, Type E or S, Grade B.
   E. Anchor Bolts: ASTM A307 unless noted otherwise.
   F. Unfinished Threaded Fasteners: ASTM A307, Grade A.
   G. High strength threaded Fasteners: ASTM A325 where indicated.
3. Auxiliary Materials:
   A. Welding Electrodes: AWS D1.1 Structural Welding Code- Steel.
   B. Primer Paint: TNEMEC FD 88 Azeron alkyd, Grey Oxide color.
   C. Non-Metallic Shrink-Resistant Grout: Premixed non-metallic grout per ASTM C 1107.
   D. Expansion Anchors: ITW Redhead or equivalent, ICBO Report No. 1372.

FINISHES

1. All steel to be gray primer color.

INSTALLATION

1. Steel Fabrication & Erection: Comply with accepted practices and provisions of the American Institute of Steel Construction Manual, latest edition.
2. Bolt Holes: Punch or Drill holes 1/16 inch larger than bolt diameter. Torching of holes is not allowed.
3. Welding: Weld with E70xx Electrodes by the manual shielded arc method. Welding technique and workmanship shall conform to the Structural Welding Code of the American Welding Society. Perform all welding by AWS certified welders.
A. Butt Welds: Full Penetration only.
4. Shear Plates: Fabricate from 3/8 inch minimum plate.

SECTION 05210 STEEL JOISTS

(Refer to structural dwgs. for add'l information. Structural notes shall take precedence over these specifications.)

SUMMARY

1. Submittals: Product Data, Shop Drawings, and material certificates indicating compliance with SJI's specifications.
2. Comply with recommendations of SJI's "Standard Specifications Load Tables and Weight Tables for Steel Joists and Joist Girders" and AWS D1.1 "Structural Welding Code- Steel."

PRODUCTS

1. Bolts, Nuts, and Washers: ASTM A307, Grade A (ASTM F568, Property Class 4.6); non high-strength carbon-steel, hexhead bolts; carbon-steel nuts; and flat, unhardened steel washers, uncoated.
2. Primer: SSPC-Paint 15, Type I, grey oxide or FS TT-P-636, grey oxide.
3. Manufacture joists according to SJI's specifications with steel angle top and bottom chord members.
4. Bridging anchors and horizontal or diagonal bridging.
5. Shop Priming: Prepare surfaces according to SSPC-SP 2 or SSPC-SP 3 Shop prime steel joists to a dry film thickness at least 1 mil (0.025mm).

INSTALLATION

1. Install joists and accessories plumb, square, and true to line; securely fasten to supporting construction according to SJI's specifications.
2. Field weld joists to supporting steel framework and steel bearing plates.
3. Bolt joists to supporting steel framework using carbon-steel bolts, unless otherwise indicated.
4. Install and connect bridging concurrently with joist erection before construction loads are applied. Anchor ends of bridging lines at top and bottom chords where terminating at walls or beams.

SECTION 05300 STEEL DECK.

REFER TO STRUCTURAL DWGS.

SECTION 05400 COLD-FORMED METAL FRAMING

SUMMARY

1. Engineer, fabricate and erect cold-formed metal framing with the minimum physical and structural properties as noted on the plans.
   A. Interior Load-Bearing Walls: Lateral deflection of L/240.
   B. Ceiling Joists: Vertical deflection of L/360
2. Calculate structural characteristics of cold-formed metal framing according to AISI's "Specification for the Design of Cold-Formed Steel Structural Members."
3. Submit Product Data and Shop Drawings.
4. Comply with AWS D1.1, "Structural Welding Code- Steel," and AWS D1.3, "Structural Welding Code- Sheet Steel."
5. Protect cold-formed metal framing from corrosion and other damage during delivery, storage, and handling.

PRODUCTS

1. Materials
   A. Galvanized Steel Sheet: ASTM A653, G60 (ASTM A653M, Z180) zinc coated; structural quality; Grade 50 (Grade 345), Class 1 or 2.
   B. Steel Studs and Track: Fabricate with flange width of 2 inches design uncoated steel thickness to match stud and depths indicated.
   C. Steel Joists: Fabricate of sizes as per plans.
2. Accessories
   A. Steel Shapes and Clips: ASTM A653, G60 (ASTM A653M, Z180) structural quality; Grade 33 (Grade 230).
   B. Cast-In-Place Anchor Bolts & Studs: ASTM A307, Grade A(ASTM F568, Property Class 4.6); carbon-steel hex-head bolts & studs carbon-steel nuts; and flat, unhardened-steel washers. Hot-dip galvanize according to ASTM A153.
   C. Mechanical Fasteners: Corrosion-resistant coated, self-drilling, self-threading steel drill screws.
   D. Galvanizing Repair Paint: SSPC-Paint 20 or DOD-P-21035.

INSTALLATION

1. Install framing and accessories level, plumb, square and true to line, and securely fasten. Temporarily brace framing.
2. Fasten framing members by welding or screw fastening.
3. Install insulation in built-up exterior framing members.
4. Fasten reinforcement plates over web penetrations larger than standard punched openings.
5. Studs: Install, align, and securely anchor continuous tracks to supporting structure. Squarely seat studs against webs of top and bottom tracks. Space studs as indicated; plumb, align, and fasten both flanges of studs to top and bottom track.
   A. Install and fasten horizontal bridging in stud system, spaced in rows not more than 48 inches apart.
   B. Install miscellaneous connections, accessories, and supplementary framing.
6. Joists: Install, align, & securely anchor perimeter joist track. Install joists bearing on supporting framing, level, straight, & plumb, adjust to final position, brace, & reinforce. Fasten joists to both flanges of joist track.
   A. Install bridging and fasten bridging at each joist intersection.
   B. Install miscellaneous joist framing and connections, including web stiffeners, closure pieces, clip angles, continuous angles, hold-down angles, anchors and fasteners.

DIVISION 6 WOOD, PLASTICS AND COMPOSITES

SECTION 06100 ROUGH CARPENTRY

SUMMARY

1. This section includes the following:
   A. Rooftop equipment bases & support curbs.
   B. Wood blocking, cants & nailers.
   C. Subflooring & underlayment.
   D. Plywood & backing panels.

PRODUCTS

1. Wood products, General:
A. Lumber: DOC PS 20 and applicable rules of lumber grading agencies certified by the American Lumber Standards Committee Board of Review.
B. Wood Structural Panels (Plywood): Either DOC PS 1 or DOC PS 2, unless otherwise indicated.
2. Wood preservative treated materials:
A. Preservative Treatment by Pressure Process: AWPA C2 (lumber), except that lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWPA C31 with inorganic boron (SBX).
3. Fire retardant treated materials:
A. General: Where fire-retardant-treated materials are indicated, provide materials that comply with performance requirements in AWPA C20 (lumber) and AWPA C27 (plywood). Identify fire retardant treated wood with appropriate classification marking of UL, U.S. Testing, Timber Products Inspection, or another testing and inspecting agency acceptable to authorities having jurisdiction.
4. Miscellaneous lumber:
A. General: Provide lumber for support or attachment of other construction. For items of dimension lumber size, provide Construction, Stud, or No. 2 grade lumber with 19 percent maximum moisture content. For exposed boards, provide lumber with 19 percent maximum moisture content. For concealed boards, provide lumber with 19 percent maximum moisture content.
5. Fasteners:
   A. General: Provide fasteners of size and type indicated that comply with requirements specified in this Article for material and manufacture.
   1) Where carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
   B. Nails, Wire, Brads, and Staples: FS FF-N-105.
   C. Power-Driven Fasteners: CABO NER-272.
   D. Wood Screws: ASME B18.6.1.
   E. Screws for Fastening to Cold-Formed Metal Framing: ASTM C 954, except with wafer heads and reamer wings, length as recommended by screw manufacturer for material being fastened.
   F. Lag Bolts: ASME B18.2.1.
   G. Bolts: Steel bolts complying with ASTM A 307, Grade A ; with ASTM A 563 hex nuts and, where indicated, flat washers.
   H. Expansion Anchors: Anchor bolt and sleeve assembly of material indicated below with capability to sustain, without failure, a load equal to 6 times the load imposed when installed in unit masonry assemblies and equal to 4 times the load imposed when installed in concrete as determined by testing per ASTM E 488 conducted by a qualified independent testing and inspecting agency.
   1) Material: Carbon-steel components, zinc plated to comply with ASTM B 633, Class Fe/Zn 5.
   2) Product: Subject to compliance with requirements, provide Kwik Bolts by Hilti.
   I. Injection Anchors: Subject to compliance with requirements, provide one of the following or approved equal.
   1) HIT C-20 Injection Adhesive Anchors by Hilti.
   2) Chem-Fast Acrylic Epoxy Injection Mortar by Rawl.

INSTALLATION

1. Installation, General:
A. Discard units of material with defects that impair quality of carpentry and that are too small to use with minimum number of joints or optimum joint arrangement.
B. Set carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit carpentry to other construction; scribe and cope as needed for accurate fit. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.
C. Apply field treatment complying with AWPA M4 to cut surfaces of preservative-treated lumber and plywood.
D. Securely attach carpentry work as indicated and according to applicable codes and recognized standards.
E. Countersink fastener heads on exposed carpentry work and fill holes with wood filler.
F. Use fasteners of appropriate type and length. Predrill members when necessary to avoid splitting wood.
2. Wood blocking & nailer installation:
A. Install where indicated and where required for attaching other work. Form to shapes indicated and cut as required for true line and level of attached work. Coordinate locations with other work involved.
B. Attach items to substrates to support applied loading. Recess bolts and nuts flush with surfaces, unless otherwise indicated.
3. Panel Product Installation:
A. Wood Structural Panels: Comply with applicable recommendations contained in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial," for types of structural-use panels and applications indicated.
B. Particleboard Underlayment: Comply with the National Particleboard Association's recommendations for type of subfloor indicated. Fill and sand gouges, gaps, and chipped edges. Sand uneven joints flush.

DIVISION 7 THERMAL & MOISTURE PROTECTION

SECTION 07160 UNDERSLAB VAPOR RETARDER

SUMMARY

1. Surface preparation.
2. Application of underslab vapor retarder.
3. Comply with following standards:
   A. American Society for Testing and Materials (ASTM): ASTM E1745, ASTM E154, ASTM E96, ASTM E1643, ASTM F1249-01.
   B. American Concrete Institute (ACI): ACI 302.1R-96

PRODUCTS

1. Protect materials during handling and application to prevent damage, warping, or contamination.
2. Product not intended for uses subject to abuse or permanent exposure to the elements. Do not apply to frozen ground.
3. Approved Manufacturer: Stego Industries, LLC or approve equivalent.
4. Plastic Vapor Retarder: Minimum performance requirements are:
   A. Minimum Permeance ASTM E96: 0.024 Perms
   B. Water Vapor Transmission Rate ASTM F1249: 0.012 grains per square foot per hour.
   C. Resistance to Organisms and Substrates in Contact with Soil ASTM E154, Section 13: 0.051 Perms.
   D. Tensile Strength ASTM E154, Section 9: 52 lbs. force/inch.
   E. Puncture Resistance ASTM D1709, Method B: 3,770 Grams.
   F. Water Vapor Retarder ASTM E1745: Meet or exceed Class A, B & C
   G. Thickness of Retarder (plastic) ACI 302.1R-96: 15 mils minimum.
5. Accessories:
   A. Provide minimum 4 inch wide High Density Polyethylene Tape with pressure sensitive adhesive.
   B. Pipe Boots: Construction from vapor barrier material and pressure sensitive tape per manufacturer's instructions.

INSTALLATION

1. Prepare surfaces in accordance with manufacturer's instructions and install per manufacturer's instructions and ASTM E1643-98.
2. Unroll vapor barrier with longest dimension parallel with the direction of pour. Lap vapor barrier over footings and seal to foundation walls. Overlap joints 6 inches and seal with manufacturer's tape. Seal all penetrations (including pipes) with manufacturer's pipe boot.
3. No penetration of the vapor barrier is allowed except for reinforcing steel and permanent utilities.
4. Repair damaged areas by cutting patches of vapor barrier, overlapping damaged area 6 inches and taping all four sides with tape.

SECTION 07210 BUILDING INSULATION

SUMMARY

1. Provide Building Insulation as follows:
   A. Thermal batt and board insulation.
   B. Sound attenuation batt insulation.
   C. Spray foam.

PRODUCTS

1. Thermal Batt Insulation: Faced glass fiber or mineral fiber batts, ASTM C665, Type III, class A, with foil-scrim vapor-retarder membrane on one face, 4" thickness, R-13 thermal resistance.
2. Thermal Batt Insulation: Faced glass fiber or mineral fiberbatts, ASTM C665, Type III, with foil-scrim vapor-retarder membrane on one face, R-38 Thermal Resistance.
3. Thermal Board Insulation: Faced Polyisocyancurnate 1" thickness, Type 1A w/ vapor-retarder membrane on one face, R-7 thermal resistance.
4. Acoustical Insulation: Unfaced glass fiber or mineral fiber batts, ASTM C665, Type I (unfaced), walls 4" thickness, ceilings 6" thickness.
5. Accessories:
   A. Adhesives and mechanical fasteners as recommended in writing by the insulation manufacturer.
4. Acoustical Insulation: Unfaced glass fiber or mineral fiber batts, ASTM C665, Type I (unfaced), walls 4" thickness, ceilings 6" thickness.
6. Spray Foam for concealed/confined/covered spaces: Versi-Foam Systems 28 & 88 by RHH Foam Systems, Inc. to be provided in concealed & confined spaces for the means of providing thermal protection. A 2-part, low density, closed cell, low pressure spray foam application.
7. Spray Foam for perimeter of metal decking & roof penetrations: Icynene Proseal Spray applied polyurethane foam insulation & air barrier material. To be provided between metal deck & vertical wall interface & around openings of all roof penetrations. Provide a minimum 1 1/2" thick coating to attain a Class II vapor permeance. A 2-part, low density, closed cell, low pressure spray foam application.
8. Spray Foam for Extreme Cold Temperature Application: Use Hilti CF-I XTW WD insulating foam sealant.

INSTALLATION

1. Install insulation according to the manufacturer's written instructions.
2. Thermal Batt Insulation: Install thermal batt insulation in stud wall furring cavities at exterior walls.
3. Thermal Board Insulation: Install thermal board insulation on the inside face of existing concrete exterior walls from the top of stud walls to the bottom of the existing roof insulation at the underside of the roof deck.
4. Acoustical Insulation: Install acoustical insulation where indicated at interior walls and ceilings.

SECTION 07540 THERMOPLASTIC MEMBRANE ROOFING (TPO-RHINOBOND)

SUMMARY

1. The roof system shall be installed only by a qualified contracting firm which is approved by the single-ply membrane roofing system materials manufacturer to install and warranty the entire roof system. This section includes the following:
A. Membrane sheet goods.
B. Roof insulation.
C. Slip sheets.
D. Solvents for cleaning membrane.
E. Covered or concealed insulation and membrane fasteners and plates.
F. Termination bar.
G. Membrane Adhesives.
H. NP-1, one-part caulk sealant.
I. Accessories; pipe boots, corners, unreinforced flashing membrane.
J. Roof protection pad (equipment walk way pad).
K. Roof metal for wall cap, for expansion joints or transitions, or for drainage system metal (and fabrication).
L. Sponge backer rod, where specified.
M. Expansion joints.
N. Wood Blocking for water diverters (where specified).
O. Caulks and sealants required for the waterproofing system, other than NP-1 sealant.
P. Expanding foam sealant, for cut-off of ambient air in flutes at deck cut-outs for penetrations.

PRODUCTS

1. Membrane sheet goods:
   A. Membrane roofing shall be Carlisle Sure-Weld, white, 60 mil, polyester reinforced,, TPO sheet membrane as manufactured by Carlisle Syntec (Firestone & Johns-Manville are approved equals).
2. Roof Insulation:
   A. Roof insulation shall be (2) layers of 2.5" rigid polyisocyanurate insulation, providing an LTTR R-Value of 30 minimum.
   B. Provide tapered strip around roof perimeter (if indicated), roof curbs, roof hatches, & all other penetrations requiring the redirection of water flow to the vertical drainage system. Insulation to be 2'-0" wide minimum.
3. Termination bar:
   A. Manufacturer's standard predrilled stainless-steel or aluminum bars, approximately 1 by 1/8 inch thick; with anchors.
4. Walkways:
   A. Provide manufacturer's standard reinforced walkway pads at step off areas at roof hatches, & in front of each service panel of roof top units. Material to be adhered, welded or otherwise bonded to roof membrane using manufacturer's methods & products.
5. Flashing:
   A. Flashing shall be membrane roofing per manufacturer's recommendations & shall include adhesives, tapes, flashings, cements & sealants, as required for a watertight seal. Flashing shall be of the type, thickness & size appropriate for the application.
6. Fasteners:
   A. Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane to substrate, and acceptable to membrane roofing system manufacturer.

INSTALLATION

1. Installation, General:
   A. Verify that roof openings and penetrations are in place and set and braced and that roof drains are securely clamped in place.
   B. Verify that wood blocking, curbs, and nailers are securely anchored to roof deck at penetrations and terminations and that nailers match thicknesses of insulation.
   C. Verify that surface plane flatness and fastening of steel roof deck comply with requirements in Division 5 Section "Steel Deck."
   D. Proceed with installation only after unsatisfactory conditions have been corrected.
   E. Clean substrate of dust, debris, moisture, and other substances detrimental to roofing installation according to roofing system manufacturer's written instructions. Remove sharp projections.
   F. Prevent materials from entering and clogging roof drains and conductors and from spilling or migrating onto surfaces of other construction. Remove roof-drain plugs when no work is taking place or when rain is forecast.
   G. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of roofing system at the end of the workday or when rain is forecast. Remove and discard temporary seals before beginning work on adjoining roofing.
2. Insulation installation:
   A. Coordinate installing membrane roofing system components so insulation is not exposed to precipitation or left exposed at the end of the workday.
   B. Comply with membrane roofing system manufacturer's written instructions for installing roof insulation.
   C. Foam Sealant. Before installing the roofing system, purchase expanding foam and seal off the movement of ambient air into flutes at all deck penetrations with foam sealant. Install foam sealant into the gap between the red angle iron and the flute profile.
   D. Install tapered insulation under area of roofing to conform to slopes indicated.
   E. Install one or more layers of insulation under area of roofing to achieve required thickness. Where overall insulation thickness is 3 inches or greater, install 2 or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches in each direction.
   F. Trim surface of insulation where necessary at roof drains so completed surface is flush and does not restrict flow of water.
   G. Install insulation with long joints of insulation in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch with insulation.
   H. Insulation to be mechanically fastened to roof deck substrate using manufacturer approved fasteners. Roof manufacturer to certify attachment method, quantity & spacing for applicable wind loading & other requirements of the geographical location, roof area, roof height, etc.
3. Membrane installation:
   A. Install roofing membrane over area to receive roofing according to roofing system manufacturer's written instructions. Unroll roofing membrane and allow to relax before installing.
   B. Start installation of roofing membrane in presence of roofing system manufacturer's technical personnel.
   C. Accurately align roofing membranes and maintain uniform side and end laps of minimum dimensions required by manufacturer, stagger end laps.
   D. Adhesively fasten roofing membrane securely at terminations, penetrations, and perimeter of roofing.
   E. Apply roofing membrane with side laps shingled with slope of roof deck where possible.
   F. Seams: Clean seam areas, overlap roofing membrane, and hot-air weld side and end laps of roofing membrane according to manufacturer's written instructions to ensure a watertight seam installation.
      1) Contractor must probe out and patch all welds from the days production prior to undertaking another day of roofing.
      2) Probe 100 percent of welds for continuity and integrity.
      3) Patch seam voids which allow the tip of a probe to enter 1/4" into the weld.
      4) Patch field membrane wrinkles which run continuously into and through a seam.
      5) Patch wrinkles (pinch wrinkles) that are created during the weld process.
      6) Patch all t-joint voids.
      7) Minimum patch size on the flat field must be 4 inches by 4 inches with rounded corners.
   G. Membrane applied to all vertical surfaces is to be fully adhered to substrate.
   H. Membrane may adhere directly to precast panels at parapets with manufacturer's approval.
   I. Place Sure-Weld membrane over the appropriate RhinoBond or Isoweld Plates.
   J. Place RhinoBond Induction Tool over the RhinoBond TPO Welding Plate, under the roofing membrane OR Place the Isoweld Induction Tool over the Isoweld TPO Welding Plate, until the acoustic search mode signals the inductor is properly positioned.
   K. Activate induction welding tool and leave in place until heating cycle is complete.
   L. Immediately place the magnet on the membrane over the plate and leave in place for at least 60 seconds.
   M. Resume process ensuring membrane is attached to all plates.

SECTION 07600 FLASHING AND SHEET METAL

SUMMARY

1. Provide Flashing and Sheet Metal;
   A. Sheet metal roof flashing and trim.
   B. Gutters and down spouts.

Quality Assurance

1. Comply with Architectural Sheet Metal Manual, Published by the Sheet Metal and Air Conditioning Contractors National Association, Inc.

PRODUCTS

1. Sheet Metal:
   A. Zinc-Coated Steel: ASTM A 526, G90 hot-dipped galvanized, 22 gauge, unless otherwise indicated.
2. Auxiliary Materials:
   A. Solder: ASTM B32, Grade Sn50, to be used with rosin flux.
   B. Prime Paint: Dunn-Edwards Corrobar 43-5, or Tnemec series FD-88 Azeron alkyd primer.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Prime sheet metal prior to installation.
3. Install sheet metal with provisions for expansion and contraction.
4. Install sheet metal to shed water properly.

SECTION 07720 ROOF HATCHES

SUMMARY

1. Provide Roof Hatch as indicated on the plans.

Quality Assurance

1. Comply with National Roofing and Waterproofing Manual.
2. Preparation and installation shall be in accordance with Manufacturer's requirements & instructions.

PRODUCTS

1. Submit shop drawings: Show fabrication and all installation details for roof accessories. Indicate dimensions, weights, loadings, required clearances, method of field assembly, weatherproofing sealant, and components. Include plan, elevations, sections, details, and attachments to other Work.
2. Approved Manufacturers: Bilco Company or approved equivalent.
3. Provide fixed safety railing for roof hatch, Bilco "Bil-Guard" or approved equivalent that meets OSHA fall protection standards (29 CFR 1910.23). The attachment shall not penetrate the roofing membrane.
4. Roof Hatch Performance Characteristics:
   A. Cover shall be reinforced to support a minimum live load of 40 psf with a maximum deflection of 1/150th of the span with 20 psf wind uplift.
   B. Operation of the cover shall be smooth and easy with controlled operation throughout the entire arc of opening and closing.
   C. Operation of the cover shall not be affected by temperature.
   D. Entire scuttle shall be weathertight with fully welded corner joints on cover and curb.
5. Roof Hatch Material Characteristics:
   A. Cover and Frame shall be 14 gauge paint bond G-90 galvanized steel with a 3" beaded flange with formed reinforcing members. Cover shall have a heavy extruded EPDM rubber gasket that is bonded to the cover interior to assure a continuous seal when compressed to the top surface of the curb.
   B. Cover shall be insulated with 1" thickness fiberglass insulation, fully covered and protected by a metal liner 22 gauge paint bond G-90 galvanized steel.
   C. Curb shall be a minimum of 12" in height and of 14 gauge paint bond G-90 galvanized steel. The curb will be equipped with an integral metal capflashing of the same gauge and material as the curb, fully welded at the corners.
   D. Curb insulation shall be rigid, high-density fiberboard of 1" thickness on outside of curb.
   E. Lifting Mechanisms: Compression spring operators encased in telescopic tubes to provide smooth, easy and controlled operation throughout the entire arc of opening and closing.
6. Hardware:
   A. Heavy pintle hinges
   B. Cover shall be equipped with a spring latch with interior and exterior turn handles.
   C. Roof scuttle to be equipped with interior & exterior padlock hasps.
   D. Latch strike to be a stamped component bolted to curb assembly.
   E. Cover shall automatically lock in the open position with a rigid hold open arm equipped with a 1" diameter red vinyl grip handle to permit easy release for closing.
   F. Compression spring tubes shall be anti-corrosive composite material & all other hardware shall be zinc plated & chromate sealed. Springs shall have an electrocated acrylic finish for corrosion resistance.
   G. Cover hardware shall be bolted into heavy gauge channel reinforcing welded to the underside of the cover and concealed within the insulation space.
7. Manufacturer shall provide a 5-year warranty against defects in material and workmanship.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements and 07600 Flashing and Sheet Metal.
2. Comply with manufacturer's written instructions. Coordination installation with roof deck, roof insulation, flashing, roofing panels, penetrations, equipment, and other construction involving roof accessories to ensure roof to be waterproof and weathertight.
3. Anchor roof accessories securely to supporting structural substates to withstand lateral and thermal stresses as well as inward and outward loading pressures.

SECTION 07900 SEALANTS

SUMMARY

1. Provide joint sealers at interior & exterior vertical & horizontal joints.

PRODUCTS

1. SEALANTS:
A. Exterior caulking to be Vulkem or Dymeric by "Tremco". The specific product is to be compatible with the material substrate, joint width & exposure to moisture & weather. Sikaflex is approved equal. Provide continuous sealant on interior & exterior sides of joint @ framed penetrations. Provide sealant on exterior side at other joints to close building envelope, construction joint or other gaps between material. Sealant to have 25" movement capability.
B. Structural sealant at exterior glazing & metal framing, etc., to be Dow 795 Silicone Building & Glazing Sealant, or GE Silicone 1200 Construction Sealant, or as recommended by the manufacturer & approved by the Architect.
C. Voids between the exterior & interior caulk joints in the building envelope to be filled solid with non-expanding spray foam insulation such as Hilti CF 812 or equal. Such voids include those occurring at the penetrations of the fire drain lines, electrical conduits, storm drain lines, hose bibbs, joints around hoods & vents, the interior of hollow metal door frames, louver frames, vent piping, etc.
D. See precast section for joint treatment & caulking.
2. Auxiliary Materials:
   A. Plastic foam joint fillers.
   B. Elastomeric backer rod.
   C. Bond breaker tape.

INSTALLATION

1. Ensure the backer rod is properly friction-fitted and any primers have been applied.
2. Apply sealant with conventional caulking equipment filling the joint from the backer rod up. Immediately tool the sealant with a spatula to ensure intimate contact with the joint walls.
3. Dry tooling is always preferred, although xylene can be used in limited amounts to slick the spatula if needed.
4. For a cleaner finish, mask the sides of the joint with tape prior to filling.

SECTION 07950 EXPANSION JOINTS

SUMMARY

1. Provide expansion joints at the vertical joints in the building envelope (2" or wider).

PRODUCTS

1. Silicone-coated precompressed primary seal:
A. Expansion joints ocurring in the envelope & noted on the drawings are to be Seismic Colorseal by Emseal.

INSTALLATION

1. The width is to be as designated on the drawings & field measured for actual width prior to fabrication.
2. Color to match adjacent material color.
3. Product to be installed by a manufacturer's trained & certified technician using Emseal's install data.
4. Installation includes, but not limited to, joint surface preparation, respect for temperature & atmospheric conditions, setting & placement & install of manufacturer's applied liquid silicone along the exterior edges of joint with substrate.
5. Use DFS version of joint for food grade applications.
6. The installer shall submit expansion joint line drawing & provide checklist of material to be provided for a complete installation per manufacturer's engineered requirements.

DIVISION 8 DOORS & WINDOWS

SECTION 08100 STEEL DOORS AND FRAMES

SUMMARY

1. Provide steel doors and frames:
   A. Exterior doors and frames.
   B. Interior doors and frames.

PRODUCTS

1. Products: Republic Doors and Frames or approved equivalent.
2. Standards: ANSI/SDI-100, Recommended specifications for Standard Steel Doors and Frames.
3. Fire Rated Assemblies: NFPA-80, and acceptable testing agency listing.
4. Steel Doors: Standard seamless steel doors with composite construction.
   A. Exterior Doors : SDI-100, Grade III, Model 2, Extra heavy duty, minimum 16 gauge sheet steel, 1-3/4" thickness, polyurethane core (U-Factor 0.38 max.).
   B. Interior Doors: SDI-100, Grade III, Model 2, Extra heavy duty minimum 16 gauge sheet steel, 1-3/4 inch thickness, full honeycomb core.
   C. Finish: Prime paint for field finish.
5. Steel Frames:
   A. Interior Frames: Welded type, 18 gauge sheet steel, mitered corners.
   B. Exterior Frames: Welded type, 16 gauge sheet steel, mitered corners.
   C. Accessories: Door silencers at interior doors.
   D. Finish: Prime paint for field finish. Verify w/ owner for final color.
   E. Anchorage: Provide anchors for the wall type in which the frame is to be installed.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Comply with SDI-100, and NFPA 80 for fire rated assemblies.

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Pepper Construction
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STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
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ARCHITECT

DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.03.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOORDB
DRAWN BY	JMW
CHECKED BY	JMW

SP-2

Attachment: Final ARCH LPC - Palatine_Arch_020722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

ARCHITECTURAL & STRUCTURAL SPECIFICATIONS

SECTION 08331 OVERHEAD DOORS

SUMMARY

1. Submit Product Data and Shop Drawings for:
   A. Sectional doors.
   B. Coiling doors - Non fire rated
   C. Coiling doors - Fire rated
2. Where fire doors are required, provide assemblies that comply with NFPA 80 & have been fire tested, rated, & labeled according to ASTM E152. Furnish each door with a metal UL label or "Certificate of Inspection."
3. Design and reinforce overhead coiling doors to withstand a 20-lbf/sq. ft. wind-loading pressure.

PRODUCTS

1. Overhead coiling doors:
   A. Provide heavy duty, high-cycle rolling doors by Overhead Door Corporation - 610 Series "Service" Service Door. 20 Ga. Steel up to 20'-0" wide.
   B. Provide heavy duty, fire rated rolling doors by Overhead Door Corporation - 630 Series "Service" Service Door. 20 Ga. Steel up to 20'-0" wide.
   C. Door Curtain slats: Galvanized steel door curtain slats.
   D. Operation: Chain operated or Electric Motor Operated
   E. Tracks, Supports, and Hardware: Manufacturer's standard.
   F. Weather gasket set with mechanical fasteners to concrete panel.
   G. Provide slide lock as and chain locks for all doors.
2. Overhead Insulated Sectional Doors
   A. Provide heavy duty, high-cycle sectional doors by Overhead Door Company - 592 Series Thermacore Insulated Steel Door. 16 Ga. steel up to 18'-0" wide. All dock level doors are to have vision panels installed.
   B. Door sections: Galvanized steel factory finish baked enamel white.
   C. Operation: Chain operated or Electric Motor operated.
   D. Tracks, Supports, and Hardware: Manufacturer's standard.
   E. Weather gasket set with mechanical fasteners to concrete panel.
   F. Provide slide lock and chain locks for all doors.

INSTALLATION

1. Install fire-rated doors to comply with NFPA 80.
2. Install doors per manufacturers written installation instructions.

SECTION 08411 ALUMINUM-ENTRANCES AND STOREFRONTS

SUMMARY

1. Submit Product Data, Shop Drawings, and color Samples.

PRODUCTS

1. Aluminum-framed Storefronts
   A. Manufacturer: Vistawall, United States Aluminum Corporation or approved equivalent.
   B. Types: As indicated on the drawings.
   C. Hardware: As indicated on the drawings.
   D. Finish: As indicated on the drawings.

INSTALLATION

1. Provide all hardware, brackets, reinforcements, glazing gaskets, & other components necessary for a complete & weathertight installation.
2. Install per manufacturers written installation instructions.

SECTION 08710 FINISH HARDWARE

SUMMARY

1. Provide hardware for doors.
2. Comply with code and accessibility requirements.

SUBMITTALS

1. Submit product data, hardware schedule, samples and maintenance

PRODUCTS

1. Provide hardware as indicated and/or scheduled on the drawings. Provide products from manufacturers specified for those hardware items. Where manufacturer is not indicated provide contractor selected hardware item that will function in the location indicated on Drawings.
2. Product Requirements:
   A. Hardware for Fire Rated Openings: NFPA 80 and local requirements.
   B. Handicapped Accessibility: ANSI A117.1, ADAAG and local requirements.
   C. Materials and Application: ANSI A156 Standards.
   D. Quality Level: Commercial type.
3. Locksets and Latchsets: Best Access System, series as indicated on hardware schedule.
4. Lock Cylinders: Interchangeable type.
5. Keying: Owner's requirements.
6. Hinges and Butts: Full mortise type, non-removable pins at exterior doors. Provide 1-1/2 pair at each door, unless otherwise noted.
7. Closers: Barrier free type. Norton - refer to hardware schedule.
8. Hardware Finish: Satin Chrome Plated (626), unless noted otherwise.
9. Flush bolts: With dustproof strikes at pairs of doors.
10. Automatic Door Bottoms: At each exterior door.
11. Weather-stripping: At all exterior doors, apply rigid jamb weather-strip at head and jambs.
12. Thresholds: 1/2 inch maximum height, complying with ADA regulations.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Comply with DHI "Recommended Locations for Builders Hardware" and hardware manufacturers instructions.
3. Refer to door Schedule for additional hardware requirements.

SECTION 08810 GLAZING

SUMMARY

1. All exterior glazing shall meet the requirements of the 2015 IECC.
2. All windows, storefronts & curtainwalls shall provide an average system U-Factor of 0.38 & all entrance doors shall provide a system U-Factor of 0.77.
3. Glass contractor to submit certificate of compliance with IECC requirements for material & system performance with shop drawing submittal.
4. All exterior glazing shall be 1" (1/4", 1/2", 1/4") Low-E, insulated tinted glass as manufactured by Pilkington Architectural Glass or approved equal.
5. See drawings for color & type.
6. Provide tempered panes where adjacent to doors, required by code due to proximity to finish floor & as noted on the drawings.

PRODUCTS

1. Exterior vision glass shall be 1" (1/4", 1/2", 1/4") Low-E. See drawings for locations & glass color.
2. Exterior spandrel glass shall be 1" (1/4", 1/2", 1/4") Low-E, heat strengthened glass with ceramic frit coating on the #3 surface. See drawings for locations & glass color. All spandrel glass shall be 100% opaque.
3. All interior glass shall be 1/4" thick clear tempered glass.
A. Provide safety glass as required by code in rated wall assemblies.
B. Provide cut openings for talk holes as indicated on the drawings.
C. Grind all opening edges & exposed glass edges smooth & round.
D. Provide fire rated safety glass in doors as noted on the drawings.
E. Glass noted to be textured in the door schedule to be 1/4", tempered "stippolyte" pattern by Pilkington, or approved by the Architect.

INSTALLATION

1. Contractor/supplier to provide glass treatment as appropriate for its intended use, dimension, & area, to withstand all wind & thermal loading for the exposure that the panes & framing are subject to.

DIVISION 9 FINISHES

SECTION 09250 GYPSUM BOARD

SUMMARY

1. Provide gypsum board at interior walls and ceilings, screw attached to metal framing, for tape and joint compound finish.

SUBMITTALS

1. 2 foot square indicating texture finish.

PRODUCTS

1. Gypsum Board:
   A. Regular, 5/8 inch, tapered edges, ASTM C36.
   B. Fire resistive, 5/8 inch, type "x", tapered edges, ASTM C36.
   C. Moisture resistant, 5/8 inch, tapered edges. Use at rest room and kitchen areas, ASTM C630.
2. Auxiliary Materials:
   A. Nails: ASTM C514.
   B. Metal Accessories: Comply with ASTM C1047.
   C. Joint Tape: Perforated paper tape.
   D. Joint Compound: Factory mixed joint and topping compound.
   E. Primer: Hamilton Prep-coat or USG Prime Coat.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.
2. Comply with ASTM C840, GA-214 and GA-216.
3. Install joints only over framing members. Butt to butt joints are not allowed.
4. Install gypsum board assemblies true, plumb, level, and in proper relation to adjacent surfaces.
5. Provide 3-coat joint treatment such that after finishing joints are not visible.
6. After application of texture coating, vacuum wall surfaces and apply prep coat.

SECTION 09330 CONCRETE FLOOR SEALER

SUMMARY

1. Provide concrete floor sealer.

PRODUCTS

1. Warehouse: MastureKure hd 300WB (formerly Lapidolith) as manufactured by BASF Corporation or Ashford Formula as manufactured by Curecrete.
2. Office: Masturekure HD 100WB (formerly Sonosil) as manufactured by BASF Corporation.

INSTALLATION

1. Apply per manufacturer's recommendations, requirements & instructions; Including floor prep, timing, ventilation, slab moisture content & set/cure time. Verify final floor coverings (where provided) for compatibility. See plans for locations & extent of each sealer.

SECTION 09900 PAINTING

SUMMARY

1. Provide painting and surface preparation for interior and exterior unfinished surfaces as scheduled.

SUBMITTALS

1. Submit product data, samples, extra stock consisting of one unopened gallon of each color and gloss of paint used.

Products

1. Products: Provide paint as indicated on the drawings.
2. Provide special coating systems as scheduled, by Tnemec Protective Coatings.
3. Regulations: Comply with local V.O.C. and environmental regulations.

INSTALLATION

1. Comply with the regulations of Section 01000 Project Requirements.
2. Remove cover plates, hardware, from surfaces to be painted and protect adjacent areas and surfaces.
3. Sand before painting until smooth and flat and sand between coats.
4. Apply paint at manufacturers recommended dry film thickness and number of coats.
5. Recoat areas which show bleed-thru or defects.
6. Paint all edges of doors.
7. Clean paint splatter from adjacent surfaces and glass.
8. Touchup damaged surfaces at completion of construction.

SCHEDULE

1. Provide paint systems complying with the following:
   A. Abbreviations:
      1) DFT/CT = Dry Film Thickness per coat
      2) SSPC = Steel Structures Painting Council specs, see below

EXTERIOR PAINT SCHEDULE

Steel:	Surface Preparation: SSPC-SP-2-63 or 3-63 Primer: 233A110, 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats
Aluminum:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 159A100, 111A100 or colors, 1.5MILS DFT/CT, 2 coats
Galvanized:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 159A100, 111A100, 103A100 or colors, 1.5MILS DFT/CT, 2 coats
Wrought Iron:	Surface Preparation:SSPC-SP 2-63 or 3-63 Primer: 233A110, 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats or Topcoat: 159A100 or colors, 1.5MILS DFT/CT, 2 coats
Wood:	Surface Preparation: Clean and Prime immediately Primer: 218A100, 2 MILS DFT/CT, 1 coat Topcoat: 159A100, 103A100 or colors, 1.5MILS DFT/CT, 2 coats
Concrete Walls:	Surface Preparation: Remove any visible efflorescence, dirt or other residues Primer: Sherwin Williams Loxon Concrete & Masonry Primer (1 coat) Topcoat: Sherwin Williams SuperPaint Exterior Acrylic Paint (2 coats)
Concrete Block:	Filler: 127A100 back roll & squeegee level w/block surface Topcoat: 159A100, 111A100, 103A100 or colors, 1.5MILS DFT/CT, 2 coats

INTERIOR FINISH SCHEDULE

Steel:	Surface Preparation: SSPC-SP-2-63 or 3-63 Primer: 233A110, 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats or Topcoat: 186A100 or colors, 1.5MILS DFT/CT, 2 coats
Aluminum:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 2 coats or Topcoat: 186A100 or colors, 1.5MILS DFT/CT, 2 coats
Galvanized:	Surface Preparation: SSPC-SP 1-63 Primer: 155A101, 1MIL DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 1 coat or Topcoat: 186A100 or colors, Self Prime, 2 coats
Wrought Iron:	Primer: 233A110 - 3MILS DFT/CT, 1 coat Topcoat: 197A100 or colors, 2MILS DFT/CT, 1 coats or Topcoat: 186A100 or colors, 1.5MILS DFT/CT, 2 coats
Concrete Walls:	Surface Preparation: Remove any visible efflorescence, dirt or other residues Primer: Sherwin Williams Loxon Concrete & Masonry Primer (1 coat) Topcoat: Sherwin Williams Pro-Mar 100 Interior Latex Paint (1 coats)
Concrete Block:	Filler: 127A100 spray apply 100 to 150 SQ.FT./Gal - back roll to fill voids and smooth joints Topcoat: 183A100 or colors, 1.5MILS DFT/CT, 2 coats or Topcoat: 197A100, 182A100, or colors, 2MILS DFT/CT, 2 coats
Gypsum Board Wall:	Primer: 214A100, 1.5MILS DFT/CT, 1 coat Topcoat: 183A100 or colors, 1.5MILS DFT/CT, 2 coats or Topcoat: 182A100 or colors, 2MILS DFT/CT, 2 coats
Wood Doors and Trim:	Prefinished Option: Provided by Finestra or approved equal Raw Wood Surface Preparation: Sand off nibs & fill open grain woods (oak, mahogany, ash, hickory, etc.) with 280A110 Stain Coat: Penetrating oil stain. Wipe to desired depth. See Owner before stain is selected. Contractor will supply stain. Owner will not supply stain. Sealer Coat: 226A110, 1 coat, sand Topcoat: 273A113 or 273A114, 1MIL DFT/CT, 2 coats

STEEL STRUCTURES PAINTING COUNCIL SPECIFICATIONS

SSPC-SP 1-63	Solvent Cleaning: Removal of oil, grease, dirt, soils, salts and contaminants by cleaning with solvent, vapor, alkali, emulsifying agent, or steam.
SSPC-SP 2-63	Hand Tool Cleaning: Removal of loose rust, loose mill scale, and loose paint to degree specified, by hand chipping, scraping, sanding and wire brushing.
SSPC-SP 3-63	Power Tool Cleaning: Removal of loose rust, loose mill scale, and loose paint to degree specified, by power tool chipping, descaling, sanding, wire brushing and grinding.
SSPC-SP 5-63	White Metal Blast Cleaning: Removal of all visible rust, mill scale, and all foreign matter by blast cleaning by wheel or nozzle (dry or wet) using sand, grit or shot. (For very corrosive atmosphere where high cost of cleaning is warranted).
SSPC-SP 6-63	Commercial Blast Cleaning: Removal of all rust, mill scale, paint and all other foreign matter except for light shadows of same in less than one thirdof each square inchof blasted area.
SSPC-SP 7-63	Brush-Off Blast Cleaning: Blast cleaning of all except tightly adhering residues of mill scale, rust and coatings, exposing numerous evenly distributed flecks of underlying metal.

DIVISION 10 SPECIALITIES

SECTION 10440 FIRE EXTINGUISHERS AND CABINETS

SUMMARY

1. Provide Fire Extinguishers and Cabinets.

PRODUCTS

1. Larsens Manufacturing Co.
2. Standards: U.L. Listed product
3. Fire extinguishers:
   A. Type: Multipurpose dry chemical type.
   B. Rating: 2-A:10; B:C, 10-lb capacity.
   C. Mounting: Bracket to columns
4. Fire extinguisher cabinets, refer to drawings.

INSTALLATION

1. Comply with requirements of Section 01000 Project Requirements.

DIVISION 11 EQUIPMENT

SECTION 11130 DOCK EQUIPMENT

SUMMARY

1. General Contractor to submit sut-sheets of proposed dock equipment to the Architect & Owner for review & approval. This section includes the following:
A. Dock Levelers
B. Dock Bumpers
C. Dock Deals
D. Door Track Guards
6. Submit Product Data, Shop Drawings, and color Samples.

PRODUCTS

1. Dock Levelers: Rite Hite RHM, mechanical dock leveler with 35,000# capacity. Provide toe guards, weatherseal & 16" (min.) lip. Size to be 7'x8' (coordinate with foundation plan & dock pit. Include 4 1/2" deep rubber dock bumpers 24"H x 11"W x 4 1/2"D nom. McGuire, Serco are approved equals.
2. Dock Seals: Provide Serco S-700 Series (or approved equal) dock seal with 24"h head curtain with pull rope assembly. 6/12 side pads to be 40 oz. black vinyl with 8" black 40 oz. wear pleats at the head & sides. Provide side mounting brackets. Provide supplemental ppt wood bucks or framing members as required to fasten to the exterior wall. Provide yellow guide stripe along side pads.
3. Door Track Guards: Bluff Manufacturing Products door track guard DG 48"h x 3/16" steel guard & 10"x10"x3/8" base plate. Fasten to floor using manufacturer's recommended expansion bolt anchors. Do not fasten vertically to the exterior wall without approval from the Architect or Owner. Fasten thru the unit's pre-drilled base plate holes in the same number as the number of holes provided. Locate 2" min. from any portion of track or as recommended by the manufacturer. Verical guard portion to have no sharp edges & eased, rounded corners. Taper the leading corner at the tops of the guard exposed to the door face. Units to be prefinished & coated in safety yellow.

INSTALLATION

1. Installation General:
A. Install all equipment to Manufacturer's recommended standards, using their recommended anchoring systems.

DIVISION 21 FIRE SUPPRESSION

SECTION 15300 FIRE PROTECTION

SUMMARY

1. Provide fire protection systems for the following:
   A. Sprinkler system
2. Coordinate location of fire protection systems to avoid interference with location of designated light fixtures.
3. Do not cut structural elements without prior written approval from architect.

SUBMITTALS

1. Submit fire sprinkler drawings identified as "working plans" and hydraulic calculations according to NFPA 13.
2. Submit test reports and certificates as described in NFPA 13.
3. Hydraulically design sprinkler systems in accordance with NFPA 13.

PRODUCTS

1. Provide new materials suitable for service intended complying with approved submittals. UL listed and labeled and FM approved.
2. Sprinkler heads:
   A. Warehouse & areas w/ exposed structure: exposed, ESFR type heads.
   B. Office areas w/ gyp. bd. or susp. ceiling: semi-recessed heads, chrome w/ chrome escutcheon.
3. Provide smoke detectors & sprinkler system.
4. Power sources: Emergency or power system backup.

INSTALLATION

1. Comply with applicable codes, ordinances, regulations, and NFPA standards 13, 13R, 26, 70, and 96 as applicable.
2. Conceal piping to the greatest extent practical.
3. Center ceiling-mounted elements in center of ceiling panels.
4. Maintain indicated fire ratings of walls, partitions, and ceilings at penetrations. Seal with fire stopping to maintain fire ratings.
5. Test all systems for proper operation, including backup and alarm system.
6. Instruct Owners personnel in proper operation of system.

DIVISION 22 PLUMBING

REFER TO MECHANICAL DWGS FOR ADDITIONAL INFORMATION

DIVISION 23 MECHANICAL

REFER TO MECHANICAL DWGS FOR ADDITIONAL INFORMATION

DIVISION 26 ELECTRICAL

REFER TO ELECTRICAL DWGS FOR ADDITIONAL INFORMATION

DEVELO[PER]

LO[...]S
PRO[...]
CO[...]

GENERAL CON[TRACTOR]

Pepper Construction
Tomorrow Transformed

STRUCTURAL ENGINEER

SWIFT STRUCTURAL, PLLC
3306 N. SACRAMENTO AVENUE
CHICAGO, ILLINOIS 60618
PHONE: 773.398.4485
DESIGN FIRM NUMBER: 184-007150

ARCHITECT

DESIGN FIRM 184.008507; EXPIRATION 4.30.2023

Architects plus designstudio, PLLC
1320 NELSON CIRCLE
WHEATON, ILLINOIS 60189 - 847.624.4425

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NEW OFFICE WAREHOUSE FOR:

PALATINE 90 LOGISTICS CENTER

ALGONQUIN ROAD, PALATINE, ILLINOIS

DATE	DESCRIPTION
1.14.2022	ISSUED FOR PLANNING
2.03.2022	ISSUED FOR REVIEW

PROJECT NUMBER	2021.014
DATABASE	FLOOR.DB
DRAWN BY	JMW
CHECKED BY	JMW

SP-3

Attachment: Final ARCH LPC - Palatine_Arch_020722 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

SITE DATA

SITE AREA (±28.55 AC.)	± 1,243,7
DETENTION	SEE CIVIL DRAWIN
BUILDING AREA	367,696
PARKING	
CAR PARKING PROVIDED	351 C
ACCESSIBLE CAR PARKING	12 C
TOTAL FUTURE CARS	363 C
TOTAL EXTERIOR DOCKS	
PROVIDED EXTERIOR DOCKS	36 DO
FUTURE EXTERIOR DOCKS	24 DO
TOTAL FUTURE EXTERIOR DOCKS	60 DO
TOTAL TRAILER STALLS	70 ST/
DRIVE IN OVERHEAD DOORS	2 DO(
CLEAR HEIGHT	3(

SCHEME A

ALGONQUIN R
PALATINE, ILLI

SITE PLAN

0 50 100 200 400

1.14.2022

Architects plus designstudio, PLLC

LOGISTICS PROPERTY CO

Attachment: Palatine_Site A_Final Site Plan_011422 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

6.A.1.A.r

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Landscape Plan

LOGISTICS PROPERTY COMPANY

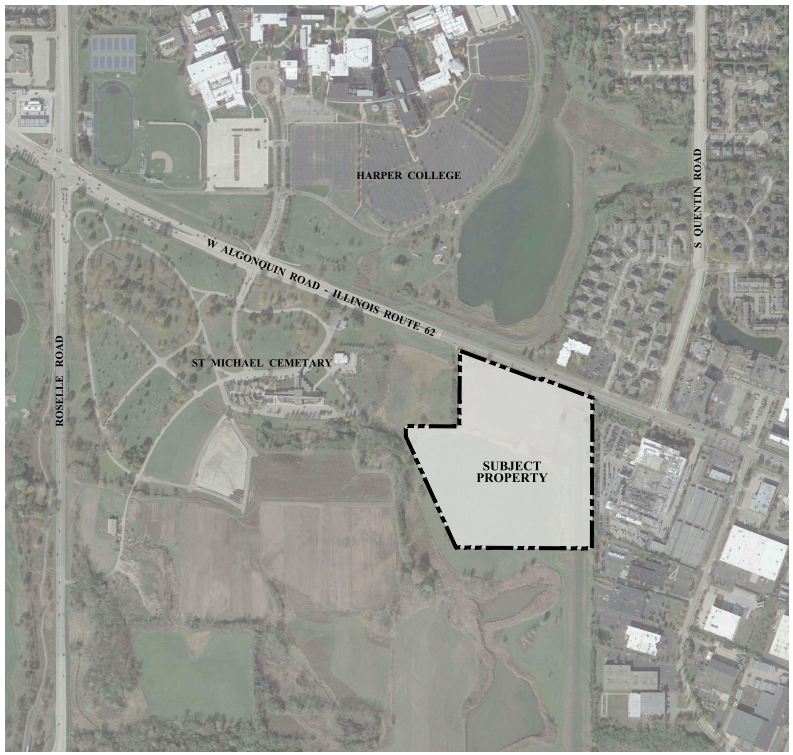
Palatine, Illinois

January 21, 2022

CONSULTANTS:

LANDSCAPE ARCHITECT:
GARY R. WEBER ASSOCIATES, INC
402 WEST LIBERTY DRIVE
WHEATON, ILLINOIS 60187

CIVIL ENGINEER:
JACOB & HEFNER ASSOCIATES, INC.
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, ILLINOIS 60515



LOCATION MAP
SCALE: 1"=400'

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
0	COVER SHEET
1	OVERALL LANDSCAPE PLAN
2	LANDSCAPE PLAN
3	LANDSCAPE PLAN
4	SPECIFICATIONS

Attachment: Final Landscaping plan (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

PLANT LIST

Key	Qty.	Botanical/Common Name	Size	Remarks
		SHADE TREES		
AF	10	*Acer x freemanii* 'Jeffers Red' AUTUMN BLAZE MAPLE	2 1/2" Cal.	
AM	17	*Acer miyabei* 'Morton' STATE STREET MAPLE	2 1/2" Cal.	
CO	12	*Celtis occidentalis* COMMON HACKBERRY	2 1/2" Cal.	
GT	16	*Gleditsia triacanthos inermis* 'Skyline' SKYLINE HONEYLOCUST	2 1/2" Cal.	
PH	8	*Platanus x acerifolia* 'Bloodgood' EXCLAMATION! LONDON PLANETREE	2 1/2" Cal.	
QB	18	*Quercus bicolor* SWAMP WHITE OAK	2 1/2" Cal.	
TC	17	*Tilia cordata* 'Greenspire' GREENSPIRE LITTLELEAF LINDEN	2 1/2" Cal.	
TT	4	*Tilia tomentosa* 'Sterling' STERLING SILVER LINDEN	2 1/2" Cal.	
UM	14	*Ulmus* hybrid ACCOLADE ELM	2 1/2" Cal.	
		ORNAMENTAL TREES		
AA	13	*Amelanchier arborea* 'Autumn Brilliance' AUTUMN BRILLIANCE SERVICEBERRY	6' Ht.	Multi-Stem
CH	24	*Cornus mas* CORNELIAN CHERRY DOGWOOD	6' Ht.	Multi-Stem
CT	8	*Crataegus crus-galli inermis* 'Thornless' THORNLESS COCKSPUR HAWTHORN	6' Ht.	Multi-Stem
MP	12	*Malus* 'Prairifire' PRAIRIFIRE CRABAPPLE	6' Ht.	Multi-Stem
SP	14	*Syringa pekinensis* 'Morton' CHINA SNOW PEKING LILAC	6' Ht.	Multi-Stem
		EVERGREEN TREES		
AC	24	*Abies concolor* WHITE FIR	8' Ht.	
PG	45	*Picea glauca* 'Densata' BLACK HILLS SPRUCE	8' Ht.	
PO	36	*Picea omorika* SERBIAN SPRUCE	8' Ht.	
PP	24	*Picea pungens* COLORADO SPRUCE	8' Ht.	
		DECIDUOUS SHRUBS		
CF	21	*Cornus sericea* 'Farrow' ARCTIC FIRE RED TWIG DOGWOOD	24" Tall	3' O.C.
HP	20	*Hydrangea paniculata* 'Little Quick Fire' LITTLE QUICK FIRE HYDRANGEA	3' O.C.	
RA	48	*Rhus aromatica* 'Gro-Low' GRO-LOW SUMAC	24" Wide	3' O.C.
SH	72	*Syringa meyeri* 'Palibin' DWARF KOREAN LILAC	24" Tall	3' O.C.
VJ	52	*Viburnum x juddii* JUDD VIBURNUM	36" Tall	4' O.C.
		EVERGREEN SHRUBS		
JB	15	*Juniperus chinensis* 'Blue Pacific' BLUE PACIFIC JUNIPER	24" Wide	4' O.C.
TH	29	*Taxus x media* 'Densiformis' DENSE YEW	24" Wide	4' O.C.
		ORNAMENTAL GRASSES		
CK	19	*Calamagrostis x acutiflora* 'Karl Foerster' FEATHER REED GRASS	#1	30" O.C.
SH4	5	*Sporobolus heterolepis* PRAIRIE DROPSEED	#1	24" O.C.
		PERENNIALS		
AB	38	*Allium* 'Summer Beauty' BUTTER BEAUTY ONION	#1	18" O.C.
HH	30	*Hemerocallis* 'Happy Returns' HAPPY RETURNS DAYLILY	#1	18" O.C.
HL	60	*Hemerocallis* 'Little Nine Cap' LITTLE NINE CAP DAYLILY	#1	18" O.C.
		MISC. MATERIALS		
	134	SHREDDED HARDWOOD MULCH	C.Y.	
AS REQ'D		SOD	S.Y.	
4.84		TURF SEED & EROSION CONTROL BLANKET	AC.	

NATIVE SEED QUANTITIES

Key	Qty.	Description
	1.81 AC.	EMERGENT PLANTINGS
	0.23 AC.	WET MEADOW SEED & BLANKET
	1.01 AC.	LOW PROFILE PRAIRIE SEED & BLANKET

GENERAL NOTES

1. Contractor shall verify underground utility lines and is responsible for any damage.
2. Contractor shall verify all existing conditions in the field prior to construction and shall notify landscape architect of any variance.
3. Material quantities shown are for contractors convenience only. Contractor shall determine quantities and supply sufficient materials to complete the job per plan.
4. The landscape architect reserves the right to inspect trees and shrubs either at place of growth or at site before planting, for compliance with requirements of variety, size and quality.
5. Work shall conform to American Standard for Nursery Stock, State of Illinois Horticultural Standards, and Local Municipal requirements.
6. Contractor shall secure and pay for all permits, fees and inspections necessary for the proper execution of this work and comply with all codes applicable to this work.
7. See General Conditions and Specifications for landscape work for additional requirements.

CIVIL ENGINEER
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GARY R. WEBER ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL CONSULTING
LANDSCAPE MAINTENANCE
LAND PLANNING
ARBORICULTURE
EXPERT WITNESS
ROUTE 59 NURSERY
402 WEST LAKE STREET
ROSELLE, ILLINOIS 60172
630-529-3120

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

OVERALL LANDSCAPE PLAN

REVISIONS	
1	10.28.2021
2	1.21.2022

DATE	9.17.2021
PROJECT NO.	JHC21117
DRAWN	TRC
CHECKED	GFB
SHEET NO.	1 OF 4

Attachment: Final Landscaping plan (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

LANDSCAPE PLAN

REVISIONS	
1	1.21.2022
2	10.28.2021

DATE	9.17.2021
PROJECT NO.	JH21117
DRAWN	TRC
CHECKED	GFB
SHEET NO.	2 OF 4

CIVIL ENGINEER
JACOB & HEFNER ASSOCIATES, INC.
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, ILLINOIS 60515

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

NATIVE SEED LEGEND

Key | Description

- EMERGENT PLANTINGS
- WET MEADOW SEED MIX
- LOW PROFILE PRAIRIE SEED MIX

PLANTING DETAILS

PERENNIALS AND GROUNDCOVERS
NOT TO SCALE

DECIDUOUS AND EVERGREEN SHRUBS
NOT TO SCALE

DECIDUOUS TREES
NOT TO SCALE

EVERGREEN TREES
NOT TO SCALE

SOUTH OFFICE FOUNDATION LANDSCAPE DETAIL

SCALE: 1"=20'

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

LANDSCAPE PLAN

REVISIONS	
2	1.21.2022
1	10.28.2021

DATE	9.17.2021
PROJECT NO.	JH21117
DRAWN	TRC
CHECKED	GFB
SHEET NO.	3 OF 4

CIVIL ENGINEER
JACOB & HEFNER ASSOCIATES, INC.
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, ILLINOIS 60515

Attachment: Final Landscaping plan (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

PLOT CONFIG: XREFS:

LANDSCAPE WORK PART 1 – GENERAL

1.1 DESCRIPTION OF WORK

The work shall consist of furnishing, transporting and installing all seeds, plants and other materials required for:
1. The establishment of trees, shrubs, perennial, annual and lawn areas as shown on Landscape Plan;
2. The provision of post-planting management as specified herein;
3. Any remedial operations necessary in conformance with the plans as specified in this document;
5. Permits which may be required.

1.2 QUALITY ASSURANCE

A. Work shall conform to State of Illinois Horticultural Standards and local municipal requirements.

B. Quality Control Procedures:

1. Ship landscape materials with certificates of inspection as required by governmental authorities. Comply with governing regulations applicable to landscape materials.

2. Do not make substitutions. If specified landscape material is not obtainable, submit to Landscape Architect proof of non-availability and proposal for use of equivalent material.

3. Analysis and Standards: Package standard products with manufacturers certified analysis.

1.3 SUBMITTALS

A. Planting Schedule

Submit three (3) copies of the proposed planting schedule showing dates for each type of planting

B. Maintenance Instruction – Landscape Work

Submit two (2) copies of typewritten instructions recommending procedures to be established by the Owner for the maintenance of landscape work for one full year. Submit prior to expiration of required maintenance periods.

Instructions shall include: watering, fertilizing, spraying, mulching and pruning for plant material and trimming groundcover. Instructions for watering, fertilizing and mowing grass areas shall be provided ten (10) days prior to request for inspection for final acceptance. Landscape Architect shall receive copies of all instructions when issued.

C. Submit two (2) copies of soil test of existing topsoil with recommendations for soil additive requirement to Landscape Architect for review and written approval.

D. Submit two (2) samples of shredded hardwood bark mulch, erosion control blankets, and all other products and materials as specified on plans to Landscape Architect for review and written approval.

E. Nursery packing lists indicating the species and quantities of material installed must be provided to the Owner and/or Municipality upon request.

1.4 JOB CONDITIONS

A. Examine and evaluate grades, soils and water levels. Observe the conditions under which work is to be performed and notify Landscape Architect of unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.

B. Utilities: Review underground utility location maps and plans; notify local utility location service; demonstrate an awareness of utility locations; and certify acceptance of liability for the protection of utilities during course of work. Contractor shall be responsible for any damage to utilities or property.

C. Excavation: When conditions detrimental to plant growth are encountered such as rubble fill, adverse drainage conditions or obstructions, notify Landscape Architect before planting.

1.5 GUARANTEES

A. Guarantee seeded and sodded areas through the specified maintenance period and until final acceptance.

B. Guarantee trees, shrubs, and perennials for a period of one year after date of acceptance against defects including death and unsatisfactory growth, except for defects resulting from neglect by Owner, abuse or damage by others or unusual phenomena or incidents which are beyond Landscape Installer's control.

C. Native Planting Area Performance Criteria

1st Full Growing Season: 90% of cover crop shall be established. There shall be no bare areas greater than two (2) square feet in seeded areas. At least 25% of vegetation coverage shall be native, non-invasive species. At least 50% of the emergent species, if planted as plugs shall be alive and apparent.

2nd Full Growing Season: All areas with the exception of emergent zones shall exhibit full vegetative cover. At least 50% of the vegetation coverage shall be native, non-invasive species.

3rd Full Growing Season: At least 75% of vegetation coverage shall be native, non-invasive species. Non-native species shall constitute no more than 25% relative aerial coverage of the planted area.

Invasive species for this project shall include the following: Ambrosia artemisiifolia & trifida (Common & Giant Ragweed), Cirsium arvense (Canada Thistle), Dipsacus laciniatus (Cut-leaved Teasel), Dipsacus sylvestris (Common Teasel), Lythrum salicaria (Purple Loosestrife), Melilotus sp. (Sweet Clover), Phalaris arundinacea (Reed Canary Grass), Phragmites australis (Giant Reed), Fallopia japonica (Japanese Knotweed), Rhamnus cathartica & frangula (Common & Glossy Buckthorn), Typha sp. (Broadleaf, Narrowleaf, and Hybrid Cattail).

LANDSCAPE WORK PART 2 – PLANT MATERIALS

2.1 LAWN SOD

Provide strongly rooted sod, not less than two (2) years old and free of weeds and undesirable native grasses. Provide only sod capable of growth and development when planted (viable, not dormant) and in strips not more than 18" wide x 4' long. Provide sod composed of a 5-way blend of Kentucky Bluegrass such as: Midnight, Allure, Viva, Washington, Liberty.

2.2 LAWN SEED MIXTURE

Grass Seed: Provide fresh, clean, new crop seed complying with the tolerance for purity and germination established by the Official Seed Analysts of North America. Provide seed of the grass species, proportions and maximum percentage of weed seed, as specified.

A. Lawn Seed Mixture – 5 lbs. / 1,000 sq. ft.
50% Kentucky Bluegrass 98/85
15% Cutter Perennial Ryegrass
10% Spartan Hard Fescue
10% Edge Perennial Ryegrass
10% Express Perennial Ryegrass
5% Pennlawn Creeping Red Fescue

B. Temporary Lawn Seed Mixture – 5 lbs. / 1,000 sq. ft.
40% Kentucky Bluegrass 98/85
40% Perennial Ryegrass
20% Annual Ryegrass

2.3 NATIVE PLANTING MIXTURES

Provide fresh, clean, new crop of the species and proportions as specified. Native seed and live plant material shall be obtained from a reputable supplier (approved by Landscape Architect) that has collected from sources east of the Mississippi River within the same EPA Level III Ecoregion as the project site (Central Corn Belt Plains). Any material sourced from outside this ecoregion must be approved by the Landscape Architect prior to installation.

For each species, the amount of seed indicated on the specifications shall mean the total amount of pure live seed (PLS) per acre. Seed tags and PLS testing information shall be provided to the Landscape Architect prior to seeding.

It is the sole responsibility of the Native Landscape Contractor to provide approved seed that meets industry-standard PLS requirements.

See Native Seed Mixtures, this sheet.

2.4 GROUNDCOVERS, PERENNIALS AND ANNUALS

Provide plants established and well-rooted in removable containers or integral peat pots and with not less than the minimum number and length of runners required by ANSI Z60.1 for the pot size shown or listed.

2.5 TREES AND SHRUBS

A. Name and Variety: Provide nursery grown plant material true to name and variety.

B. Quality: Provide trees, shrubs and other plants complying with the recommendations and requirements of ANSI Z60.1 "Standard for Nursery Stock" and as further specified.

C. Deciduous Trees: Provide trees of height and caliper listed or shown and with branching configuration recommended by ANSI Z60.1 for type and species required. Provide single stem trees except where special forms are shown or listed. Provide balled and burlapped (B&B) deciduous trees.

D. Deciduous Shrubs: Provide shrubs of the height shown or listed and with not less than the minimum number of canes required by ANSI Z60.1 for the type and height of shrub required. Provide balled and burlapped (B&B) deciduous shrubs.

E. Coniferous Evergreen: Provide evergreens of the sizes shown or listed. Dimensions indicate minimum spread for spreading and semi-spreading type evergreens and height for other types. Provide quality evergreens with well-balanced form complying with requirements for other size relationships to the primary dimension shown. Provide balled and burlapped (B&B) evergreen trees and containerized shrubs.

F. Inspection: All plants shall be subject to inspection and review at the place of growth or upon delivery and conformity to specification requirements as to quality, right of inspection and rejection upon delivery at the site or during the progress of the work for size and condition of balls or roots, diseases, insects and latent defects or injuries. Rejected plants shall be removed immediately from the site.

2.6 PLANTING SOIL MIXTURE

Provide planting soil mixture consisting of clean uncompacted topsoil (stockpiled at site) for all planting pits, perennial, annual and groundcover areas. Topsoil shall be conditioned based on any recommendations resulting from the soil test in 1.3.C.

2.7 EROSION CONTROL

A. Erosion Control Blanket: North American Green S150, or equivalent approved equal.

2.8 MULCH

Provide mulch consisting of shredded hardwood. Provide sample to Landscape Architect for approval prior to ordering materials.

LANDSCAPE WORK PART 3 – EXECUTION

3.1 PLANTING SCHEDULE

At least thirty (30) days prior to the beginning of work in each area, submit a planting schedule for approval by the Landscape Architect.

3.2 PLANTINGS

A. Sodding New Lawns

1. Remove existing grass, vegetation and turf. Dispose of such material legally off-site, do not turn over into soil being prepared for lawns.

2. Till to a depth of not less than 6"; apply soil amendments as needed; remove high areas and fill in depressions; till soil to a homogenous mixture of fine texture, remove lumps, clods, stones over 1" diameter, roots and other extraneous matter. Dispose of such material legally off-site.

3. Sodded areas shall receive an application of commercial fertilizer at the rate of 10 lbs. per 1,000 sq. ft. and shall have an analysis of 16-8-8.

4. Lay sod within 24 hours from time of stripping.

5. Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod strips; do not overlap. Stagger strips to offset joints in adjacent courses. Work from boards to avoid damage to subgrade or sod. Tamp or roll lightly to ensure contact with subgrade. Work sifted soil into minor cracks between pieces of sod; remove excess to avoid smothering of adjacent grass.

6. Water sod thoroughly with a fine spray immediately after planting.

B. Seeding New Lawns

1. Remove existing grass, vegetation and turf. Dispose of such material legally off-site. Do not turn over into soil being prepared for lawns.

2. Till to a depth of not less than 6"; apply soil amendments; remove high areas and fill in depressions; till soil to a homogenous mixture of fine texture, remove lumps, clods, stones over 1" diameter, roots and other extraneous matter. Dispose of such material legally off-site.

3. Seeded lawn areas shall receive an application of commercial fertilizer at the rate of 5 lbs. per 1,000 sq. ft. and shall be 6-24-24. Fertilizer shall be uniformly spread and mixed into the soil to a depth of 1" inches.

4. Do not use wet seed or seed which is moldy or otherwise damaged in transit or storage.

5. Sow seed using a spreader or seeding machine. Do not seed when wind velocity exceeds five (5) miles per hour. Distribute seed evenly over entire area by sowing equal quantity in two directions at right angles to each other.

6. Sow not less than specified rate.

7. Rake lawn seed lightly into top 1" of soil, roll lightly and water with a fine spray.

8. DO NOT MOW HIGHLANDS FESCUE SEED MIXTURE.

C. Seeding Native Areas

1. The period for planting prairie seed shall be from April 1 to May 15 or November 1 to just before the first frost. Seeding outside of these timeframes must be approved by the landscape architect. Native seed planted outside of specified timeframes must have at least 60 days of growth prior to frost. Dormant seeding in winter is possible if soil conditions allow.

2. The General Contractor and Native Landscape Contractor shall be responsible for performing all work necessary to achieve and maintain an acceptable seedbed prior to seeding. All areas must be properly prepared before seeding begins. Equipment having low unit pressure ground contact shall be utilized within the planting areas.

3. If present, compacted soils shall be disked or raked prior to seeding. Remedial measures for the access area may, at the direction of the Wetland Consultant, involve ripping from 12 to 18 inches of the soil horizon prior to disking.

4. Prior to seeding, planting areas shall have at least twelve inches of clean un-compacted topsoil. Clumps, clods, stones over 2" diameter, roots and other extraneous matter shall be removed and disposed of legally off-site.

5. Granular mycorrhizal inoculants shall be installed with the seed mix at a rate of 40lbs/acre. Inoculant can be banded under seed, worked into seed or added into spray tanks. Native areas shall not receive fertilizer.

6. Contractor shall be solely responsible for the proper handling and storage of the seed according to the best seed handling and storage practices, including fungicide treatments and stratification considerations. Owner shall make no compensation for damage to the seed because of improper storage, cleaning, threshing, or screening operations.

7. Except where site conditions preclude their use, seeding shall be performed using a Truax drill, Truax Trillion seeder, or comparable equipment designed specifically for installation of native seed. For areas where site conditions preclude the use of specialized equipment, seed may be installed through hand broadcasting and followed by light raking. Hand broadcast seed shall be spread at twice the specified rate. Other methods of seed installation may be used with prior approval from the Landscape Architect.

8. Prior to starting work, all seeding equipment shall be calibrated and adjusted to sow seeds at the proper seeding rate. In general, the optimum seeding depth is 0.25 inch below the soil surface. Areas where the seed has not been incorporated into the soil to the proper depths will not be accepted, and no compensation for materials or labor for the rejected work will be made by the Owner.

9. Seeding and soil tracking/firming shall not be done during periods of rain, severe drought, high winds, excessive moisture, frozen ground, or other conditions that preclude satisfactory results.

10. Wet mesic and emergent areas shall be planted, and seed allowed to germinate (if possible), prior to flooding with significant amounts of water. Any areas of significant permanent water located within the planting area will receive live plugs in lieu of seed.

11. After the seeding operation is completed, install erosion control blanket per manufacturer's specifications.

12. Emergent plugs shall be planted in natural groupings within designed areas containing saturated soils or shallow inundation. Plants within groupings shall be planted at 2 foot centers.

13. Emergent plugs shall not be planted less than the specified rate and shall be protected with goose exclosures surrounding all natural groupings of plugs.

E. Groundcover and Perennial Beds

Groundcover, perennials, and annuals shall be planted in continuous beds of planting soil mixture a minimum of 8" deep. Install per spacing indicated on plan.

F. Trees and Shrubs

1. Set balled and burlapped (B&B) stock plumb and in center of pit or trench with top of ball at an elevation that will keep the root flare exposed upon backfill and mulching. Remove burlap from top and sides of balls; retain on bottoms. When set, place additional topsoil backfill around base and sides of ball and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remainder of backfill. Repeat watering until no more is absorbed. Water again after placing final layer of backfill.

2. Dish top of backfill to allow for mulching. Provide additional backfill berm around edge of excavations to form shallow saucer to collect water.

3. Mulch pits, trenches and planted areas. Provide not less than 2" thickness of mulch and work into top of backfill and finish level with adjacent finish grades. Maintain exposed root flare at all times.

4. Prune only injured or dead branches from flowering trees, if any. Protect central leader of tree during shipping and pruning operations. Prune shrubs to retain natural character in accordance with standard horticultural practices.

5. Remove and replace excessively pruned or ill-formed stock resulting from improper pruning.

6. The Contractor shall be wholly responsible for assuring that all trees are planted in a vertical and plumb position and remain so throughout the life of this contract and guarantee period. Trees may or may not be staked and guyed depending upon the individual preference of the Contractor; however, any bracing procedure(s) must be approved by the Owner prior to its installation.

3.3 INITIAL MAINTENANCE

A. Begin maintenance immediately after planting, continuing until final acceptance. A minimum of thirty (30) days.

B. Maintain planted and seeded areas by watering, rolling/regrading, replanting and implementing erosion control as required to establish vegetation free of eroded or bare areas.

C. Highlands Fescue and Native Planting areas are to be mowed only once per spring during the initial three year establishment period.

3.4 NATIVE LANDSCAPED AREAS CONTINUED MONITORING & MAINTENANCE

A. Monitoring

The Owner shall notify the Municipality upon completion of plantings. The Owner's Environmental Specialist shall inspect the plantings and provide the Municipality with a copy of the planting locations, species, and quantities for verification.

The Owner's Environmental Specialist shall inspect the plantings at least twice per year during the three-year term of the Establishment and Maintenance Cash Bond or Letter of Credit, to determine compliance with the minimum annual performance criteria (See 1.5C Guarantees). A monitoring report will be provided to the Municipality by January 31st following each inspection.

B. Maintenance:

First Season

With the exception of the emergent area, native seeding areas should be mowed to a height of 6" to control annual nonnative and invasive species early in the growing season. Mowing, including weed whipping, should be conducted during prior to weed seed production. Mowing height and timing may need to be adjusted per target species. Small quantities of undesirable plant species, shall be controlled by hand pulling prior to the development and maturity of the plant. Hand removal shall include the removal of all above-ground and below-ground stems, roots and flower masses prior to development of seeds. Herbicide should be applied as necessary by a trained and licensed operator that is competent in the identification of native and nonnative herbaceous plants. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Second Season

Control of undesirable plant species during the second growing season shall consist primarily of precise herbicide application. Mowing and weed whipping shall be conducted as needed during the early growing season and as needed to a height of 6 to 8 inches to prevent annual weeds from producing seed. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Third, Fourth, and Fifth Years:

Seasonal mowing and herbicide will continue as above but should be reduced over time. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Long Term Wetland and Prairie Management/Maintenance

A final compliance report and Long-Term Operation and Maintenance Plan shall be submitted by the Developer/Owner's Environmental Specialist no less than 60 days prior to the expiration of any landscape Cash Bond or Letter of Credit posted for the native areas. Final acceptance and release shall be determined by the County/Municipality/USACE upon inspection of the site to verify compliance.

The Long -Term Operation and Maintenance Plan shall be written to include guidelines and schedules for burning, mowing, application of herbicide, debris/litter removal and inspection schedule for storm structures and sediment removal.

3.5 CLEAN UP AND PROTECTION

A. During landscape work, store materials and equipment where directed. Keep pavements clean and work areas and adjoining areas in an orderly condition.

B. Protect landscape work and materials from damage due to landscape operations, operations by other trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged landscape work as directed by Landscape Architect.

3.6 INSPECTION AND ACCEPTANCE

A. The Landscape Architect reserves the right to inspect seeds, plants, trees and shrubs either at place of growth or at site before planting for compliance with requirements for name, variety, size, quantity, quality and mix proportion.

B. Supply written affidavit certifying composition of seed mixtures and integrity of plant materials with respect to species, variety and source.

C. Notify the Landscape Architect within five (5) days after completing initial and/or supplemental plantings in each area.

D. When the landscape work is completed, including maintenance, the Landscape Architect will, upon request, make a final inspection to determine acceptability. After final acceptance, the Owner will be responsible for maintenance.

NATIVE SEED MIXTURES

Temporary Cover Crop

Cover crops shall be installed in all planting areas containing dry mesic,

Botanical Name	Common Name	lbs / AC
Spring Cover Crop		
Avena sativa	Seed Oats	30.000
Fall or Dormant Cover Crop		
Triticum aestivum	Regreen	10.000

Emergent Wetland Plant Mix

Stormwater basin bottoms in areas with 6" of water

Botanical Name	Common Name	lbs / AC	Plugs / AC.
Acorus calamus	Sweet Flag	0.500	494
Alisma subcordatum	Water Plantain	1.250	
Iris virginica shrevei	Blue Flag	0.500	494
Juncus effusus	Common Rush	0.500	
Leersia oryzoides	Rice Cut Grass	1.250	494
Pontederia cordata	Pickerel Weed	0.250	494
Sagittaria latifolia	Common Arrowhead	1.250	494
Scirpus acutus	Hardstem Bulrush	0.500	988
Scirpus fluviatilis	River Bulrush	1.000	494
Scirpus pungens	Chairmaker's Rush	0.250	
Scirpus validus	Great Bulrush	0.500	988
Sparganium eurycarpum	Bur Reed	1.000	494
	Total Emergent Wetland Mix	**8.750**	**5434**

Wet Meadow Seed Mixture

Lower slopes of basin

Botanical Name	Common Name	lbs / AC
Grasses / Sedges		
Carex bebbii	Bebbs Oval Sedge	0.250
Carex bicknellii	Bicknells Sedge	0.125
Carex brevior	Plains Oval Sedge	0.250
Carex cristatella	Crested Oval Sedge	0.060
Carex molesta	Field Oval Sedge	0.250
Carex normalis	Speading Oval Sedge	0.015
Carex scorparia	Pointed Broom Sedge	0.190
Carex stipata	Common Fox Sedge	0.060
Carex vulpinoidea	Brown Fox Sedge	0.250
Elymus virginicus	Virginia Wild Rye	3.000
Glyceria striata	Fowl Manna Grass	0.130
Juncus dudleyi	Dudleys Rush	0.020
Juncus torreyi	Torreys Rush	0.031
Panicum virgatum	Switch Grass	3.000
Scirpus atrovirens	Dark Green Bulrush	0.060
Scirpus cyperinus	Wool Grass	0.030
	Total Grasses / Sedges	**7.721**
Wildflowers/Broadleaves		
Asclepias incarnata	Swamp Milkweed	0.125
Bidens cernua	Nodding Bur Marigold	0.190
Boltonia asteroids	False Aster	0.031
Chamaecrista fasciculate	Partridge pea	0.188
Euthamia grammifolia	Grassleaved Goldenrod	0.300
Eupatorium perfoliatum	Common Boneset	0.015
Helenium autumnale	Sneezeweed	0.063
Iris virginica shrevei	Blue Flag Iris	1.000
Lobelia siphilitica	Great Blue Lobelia	0.031
Mimulus ringens	Monkey Flower	0.031
Symphyotrichum novae-angliae	New England Aster	0.250
Pycnanthemum virginianum	Common Mountain Mint	0.063
Rudbeckia fulgida var. sullivantii	Showy Black-Eyed Susan	0.250
Zizia aurea	Golden Alexanders	0.500
	Total Forbs	**3.037**
	Total Sedge Meadow Seed Mix	**10.758**

Low Profile Prairie with Flowers Seed Mix

Upper basin slopes

Botanical Name	Common Name	lbs / AC
Grasses		
Bouteloua curtipendula	Side Oats Grama	8.000
Carex bicknelli	Copper-Shouldered Oval Sedge	0.250
Panicum virgatum	Prairie Switch Grass	0.125
Elymus trachycaulus	Slender Wheatgrass	2.000
Elymus canadensis	Prairie Wild Rye	1.000
Schizachyrium scoparium	Little Bluestem	6.000
	Total Grasses	**17.375**
Wildflowers/Broadleaves		
Asclepia canadensis	Whorled Milkweed	0.063
Asclepias tuberosa	Butterflyweed	0.500
Baptisia alba	White Wild Indigo	0.125
Coreopsis palmata	Prairie Coreopsis	0.125
Coreopsis tripteris	Tall Coreopsis	0.125
Echinacea pallida	Pale Purple Coneflower	1.000
Echinacea purpurea	Purple Coneflower	0.500
Eryngium yuccifolium	Rattlesnake Master	0.125
Lespedeza capitata	Round-Headed Bush Clover	0.250
Liatris aspera	Rough Blazing Star	0.250
Liatris pycnostachya	Prairie Blazing Star	0.188
Lupinus perennis	Wild Lupine	2.000
Monarda fistulosa	Prairie Bergamot	0.063
Oligoneuron rigidum	Stiff Goldenrod	0.250
Parthenium integrifolium	Wild Quinine	0.016
Penstemon digitalis	Foxglove Beard Tongue	0.125
Petalostemum candidum	White Prairie Clover	0.125
Petalostemum purpureum	Purple Prairie Clover	0.156
Pycnanthemum tenuifolium	Slender Mountain Mint	0.031
Ratibida pinnata	Yellow Coneflower	0.125
Rudbeckia fulgida var. sullivantii	Showy Black-Eyed Susan	0.500
Rudbeckia hirta	Black-Eyed Susan	0.500
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	0.063
Symphyotrichum leave	Smooth Blue Aster	0.063
Tradescantia ohiensis	Common Spiderwort	0.063
Verbena stricta	Hoary Vervain	0.125
Zizia aurea	Golden Alexanders	0.500
	Total Forbs	**7.956**
	Total Low Profile Prairie Seed Mix	**25.331**

GARY R. WEBER ASSOCIATES, INC.
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402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197

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1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, ILLINOIS 60515

LOGISTICS PROPERTY COMPANY

PALATINE, ILLINOIS

SPECIFICATIONS

REVISIONS	
2	1.21.2022
1	10.28.2021

DATE	9.17.2021
PROJECT NO.	JH21117
DRAWN	TRC
CHECKED	GFB
SHEET NO.	4 OF 4

811 Know what's below. Call before you dig.

Attachment: Final Landscaping plan (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Architects plus designstudio, PLLC

LOGISTICS PROPERTY CO

SCREEN WALL/BERM

ALGONQUIN RD
PALATINE, ILLIN

2.21.2022

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: LPC_Screen Berm_02-21-2022 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

MONUMENT SIGN ELEVATION (98 S.F.)

SCALE: 1/2" = 1'-0"

Architects plus designstudio, PLLC

LOGISTICS PROPERTY CO

SCHEME A

SIGNAGE

PALATINE, ILLIN

2.23.2022

0 1'-0" 2'-0" 4'-0"

Attachment: LPC Monument Sign Detail_02-23-2022 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

MONUMENT SIGN EXHIBIT

JACOB & HEFNER ASSOCIATES
5030 38th Avenue, Suite 5, Moline, IL 61265
PHONE: (309) 757-1900, FAX: (309) 797-5600
www.jacobandhefner.com

ALGONQUIN ROAD

CONCRETE PAVED

Asphalt

GRAVEL

PR. MONUMENT SIGN (SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION AND DETAILS)

15'

15'

N

GRAPHIC SCALE 1" = 40'

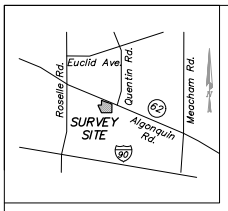
0 20' 40' 80'

PROJECT NAME:	623 E. ALGONQUIN ROAD
CLIENT NAME:	LOGISTICS PROPERTY COMPANY
LOCATION:	PALATINE, ILLINOIS
DATE PREPARED:	3/7/22
SHEET:	MSE

Attachment: LPC Monument Sign Plan View_03-07-2022 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

FINAL PLAT OF
LPC PALATINE I SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS



VICINITY MAP
NO SCALE

N

0 40' 80' 160'
Scale 1" = 80'

BASIS OF BEARINGS
ILLINOIS STATE PLANE COORDINATES EAST ZONE (NAD 83)

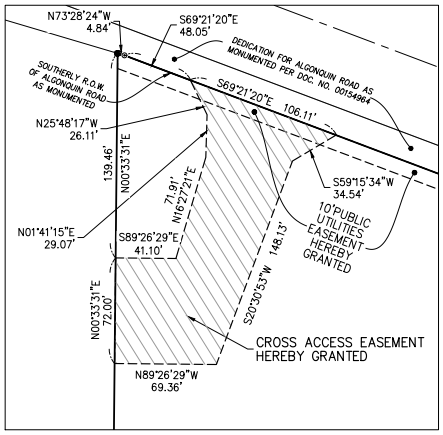
N73°28'24"W 4.84'
FOUND IDOT DISK AT CORNER
SET 5/8"X 24" REBAR AT CORNER
PT. LOT 13 GEISLER'S SUBDIVISION PER DOC. 1436952
NORTHERN R.O.W. OF ALGONQUIN ROAD AS MONUMENTED
100' DEDICATION FOR ALGONQUIN ROAD PER DOC. NO. 11192798
DEDICATION FOR ALGONQUIN ROAD AS MONUMENTED PER DOC. NO. 00154964
ALGONQUIN
(A.K.A. ILLINOIS ROUTE 62)
ROAD
100'
10'
N69°21'20"W 578.74'
N69°21'52"W 374.80'
S20°38'01"W 18.04'
LOT 10 COLLEGE HILL SUBDIVISION PER DOC. 28438386
NORTHEAST CORNER OF THE R.O.W. LINE OF ALGONQUIN ROAD AS MONUMENTED PER (FOUND 1/2" IRON PIPE 0.4' NORTHEAST & ONLINE EXTENDED) DOC. NO. 00154964
COLLEGE DRIVE
CROSS ACCESS EASEMENT HEREBY GRANTED
SEE DETAIL THIS SHEET
FOUND 1/2" DIA. IRON PIPE AT CORNER
10' PUBLIC UTILITIES EASEMENT HEREBY GRANTED
P.I.N. 02-33-202-003
PART OF P.I.N. 02-33-401-026
S00°33'31"W 516.20'
POINT OF BEGINNING
NORTHWESTERN CORNER OF LOT 1 OF CONSOLIDATION, PRODUCTS CONSOLIDATION, A PLAT OF SUBDIVISION PER DOC. NO. 0526545054
SOUTHERLY R.O.W. OF ALGONQUIN ROAD AS MONUMENTED
FOUND DISK IN CONCRETE AT CORNER
P.I.N. 02-33-401-024
P.I.N. 02-33-401-025
N89°26'29"W 364.14'
316.14'
S00°33'37"W 70.67'
SET 5/8"X 24" REBAR AT CORNER
PART OF P.I.N. 02-33-400-004
LOT 1
PART OF P.I.N. 02-33-401-026
APPROXIMATE LOCATION OF FEMA ZONE "X" PER FIRM PANEL 17031C0078J REVISED 08-19-2008
PART OF P.I.N. 02-33-400-004
P.I.N. 02-33-400-003
S24°14'47"E 831.58'
S00°33'31"W 585.54'
DRAINAGE EASEMENT HEREBY GRANTED
100 YEAR EASEMENT GRANT TO THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO PER DOC. 26075403
PART OF P.I.N. 02-33-401-027
N00°15'52"E 1,028.18'
WEST LINE OF LOT 1 NATION PIZZA PRODUCTS CONSOLIDATION RECORDED AUGUST 22, 2005 PER DOC. 0526545054
LOT 1 NATION PIZZA PRODUCTS CONSOLIDATION PER DOC 0526545054
WEST LINE OF THE EAST 420.75 FEET OF THE SOUTHEAST QUARTER OF SECTION 33-42-10
APPROXIMATE LOCATION OF FEMA ZONE "X" PER FIRM PANEL 17031C0078J REVISED 08-19-2008
S89°26'29"E 55.00'
S00°33'31"W 239.94'
N89°33'00"W 22.26'
FOUND 1/2" DIA. IRON ROD 0.40' EAST
WEST LINE OF LOT 1 BRIESKE'S RESUBDIVISION RECORDED MAY 16, 1975 PER DOC. 24449403
LOT 1, BRIESKE'S RESUBDIVISION IN SCHAUMBURG PER DOC. 24449403
SET 5/8"X 24" REBAR AT CORNER
S89°33'00"E 926.96'
SET CONCRETE MONUMENT AT CORNER
PART OF P.I.N. 02-33-401-027
100 YEAR EASEMENT GRANT TO THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO PER DOC. 26075403
FOUND 3/4" DIA. IRON PIPE AT CORNER

LEGEND

- FOUND IRON PIPE
- FOUND I.D.O.T. DISK
- SET 5/8" X 24" IRON ROD
- SET CONCRETE MONUMENT
- SUBDIVISION BOUNDARY LINE
- EASEMENT LINE HEREBY GRANTED
- EASEMENT LINE (EXISTING)
- 10' PUBLIC UTILITIES EASEMENT HEREBY GRANTED
- ACCESS EASEMENT HEREBY GRANTED
- DRAINAGE EASEMENT HEREBY GRANTED

ABBREVIATIONS

N =	NORTH
S =	SOUTH
E =	EAST
W =	WEST
R.O.W. =	RIGHT OF WAY
DOC. =	DOCUMENT



ACCESS EASEMENT DETAIL
SCALE: 1" = 40'

AREA TABLE

LOT 1	1,243,953 SQ. FT.	28.557 AC.
ROAD DEDICATIONS	0 SQ. FT.	0 AC.
TOTAL	1,243,953 SQ. FT.	28.557 AC.

REVISED: 01-19-22 PER CLIENT COMMENTS

Survey No.:	F 0 7 6 a
Ordered By.:	LOGISTICS PROPERTY COMPANY
Description:	Plat of Subdivision
Date Prepared:	January 13, 2022
Scale: 1" = 80'	Field Work: MB/KW/SC/BS; Prepared By: ERP

JACOB & HEFNER ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com
Illinois Professional Design Firm
License No. 184-001

SHEET 1 OF 3

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Attachment: LPC Palatine I Plat of Subdivision (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

ALL OF P.I.N. 02-33-401-024
ALL OF P.I.N. 02-33-401-025
PART OF P.I.N 02-33-401-026
PART OF P.I.N. 02-33-401-027
PART OF P.I.N. 02-33-400-004

FINAL PLAT OF
LPC PALATINE I SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

OWNERS CERTIFICATE

STATE OF _____)
)SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT LPC PALATINE I, LP IS THE OWNER OF THE PROPERTY DESCRIBED HEREON AND THAT IT HAS CAUSED THE SAID PROPERTY TO BE PLATTED AS SHOWN HEREON FOR THE USES AND PURPOSES SET FORTH, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE TITLE THEREON INDICATED.

THIS IS ALSO TO CERTIFY THAT AS OWNER(S) OF THE PROPERTY AS LEGALLY DESCRIBED ON THIS PLAT, HAVE DETERMINED TO THE BEST OF OUR KNOWLEDGE THE SCHOOL DISTRICT IN WHICH THE PROPERTY LIES.

SCHOOL DISTRICTS

COMMUNITY CONSOLIDATED SCHOOL DISTRICT 15

PALATINE TOWNSHIP HIGH SCHOOL DISTRICT 211

HARPER COMMUNITY COLLEGE DISTRICT 512

Dated this _____ Day of _____ A.D. 2022

LPC Palatine I, LP
A Delaware Limited Partnership

BY: LPC Palatine I GP, LLC
A Delaware Limited Liability Company
Its General Partner

BY: _____
Aaron S. Martell, Vice President

NOTARY PUBLIC CERTIFICATE

STATE OF _____)
)SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN

AND FOR THE COUNTY AND STATE AFORESAID, DO HEREBY CERTIFY THAT Aaron S. Martell, WHO IS PERSONALLY KNOWN TO ME TO BE THE SAME NAME AS SUBSCRIBED TO THE FOREGOING CERTIFICATE, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THE HE DID SIGN AND DELIVER THIS INSTRUMENT AS A FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL

THIS _____ DAY OF _____ A.D. 2022

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES ON: _____

SURFACE WATER DRAINAGE CERTIFICATE

STATE OF ILLINOIS)
)SS
COUNTY OF _____)

WE HEREBY CERTIFY TO THE BEST OF OUR KNOWLEDGE AND BELIEF THAT ADEQUATE PROVISIONS HAVE BEEN MADE FOR THE DIVERSION AND DETENTION OF SURFACE WATERS INTO PUBLIC AREAS OR DRAINS WITHIN THE RIGHTS OF THE SUBDIVIDER AND THAT SUCH SURFACE WATERS WILL NOT BE DEPOSITED ON ADJACENT LAND OWNERS/PROPERTY IN SUCH CONCENTRATIONS AS MAY CAUSE DAMAGE BY EROSION OR SEDIMENTATION TO SUCH PROPERTY BECAUSE OF CONSTRUCTION OF THE SUBDIVISION.

BY _____
OWNER

DATED THIS _____ DAY OF _____ A.D. 2022

BY _____
ILLINOIS PROFESSIONAL ENGINEER

DATED THIS _____ DAY OF _____ A.D. 2022

PLAN COMMISSION

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

APPROVED BY THE PLAN COMMISSION OF THE VILLAGE OF PALATINE, COOK COUNTY, ILLINOIS

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
CHAIRMAN

ATTEST _____
SECRETARY

VILLAGE COUNCIL

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

APPROVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF PALATINE, COOK COUNTY, ILLINOIS

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
MAYOR

ATTEST _____
VILLAGE CLERK

VILLAGE ENGINEER

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS PLAT HAS BEEN CHECKED FOR CONFORMANCE TO THE VILLAGE OF PALATINE STANDARDS AND REQUIREMENTS, AND WORKING DRAWINGS AND SPECIFICATIONS FOR IMPROVEMENTS HAVE BEEN PREPARED IN CONFORMANCE WITH THE VILLAGE STANDARDS AND REQUIREMENTS, AND ENGINEERING FEES DUE TO THE VILLAGE OF PALATINE HAVE BEEN PAID.

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
VILLAGE ENGINEER

VILLAGE COLLECTOR

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I DO HEREBY CERTIFY THAT THERE ARE NO DEFERRED SPECIAL ASSESSMENTS OR UNPAID CURRENT ASSESSMENTS DUE AGAINST THE LAND INCLUDED IN THE ABOVE PLAT.

DATED THIS _____ DAY OF _____ A.D. 2022

SIGNED _____
VILLAGE COLLECTOR

I.D.O.T. CERTIFICATE

This plat has been approved by the Illinois Department of Transportation with respect to roadway access pursuant of Ch 2 of "An Act to revise the law in relation to plats," as amended. A plan that meets the requirements contained in the Department's "Policy on Permits for Access Driveways to State Highways" will, be required by the Department.

_____
Anthony J. Quigley, P.E.
Region One Engineer

COOK COUNTY CLERK

REVISED: 01-19-22 PER CLIENT COMMENTS

Survey No.:	F 0 7 6 a
Ordered By.:	LOGISTICS PROPERTY COMPANY
Description:	Plat of Subdivision
Date Prepared:	January 13, 2022
Scale: 1" = N/A	Field Work: MB/KW/SC/BS; Prepared By: ERP

SHEET 2 OF 3

AFTER RECORDING, RETURN TO:

JACOB & HEFNER ASSOCIATES
1333 BUTTERFIELD ROAD, SUITE 300
DOWNERS GROVE, IL 60515

MAIL TAX BILLS TO:

_____
_____
_____

JACOB & HEFNER ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com
Illinois Professional Design Firm
License No. 184-00

H:\Y2076\Dwg\2076a\Subdivision\2076a_Plat of Subdivision.dwg

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.
Attachment: LPC Palatine I Plat of Subdivision (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

FINAL PLAT OF
LPC PALATINE I SUBDIVISION

BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

VILLAGE OF PALATINE EASEMENT PROVISIONS

WHENEVER THE WORDS "PUBLIC UTILITIES" OR "PUBLIC UTILITIES EASEMENT" SHALL APPEAR ON THIS PLAT THE VILLAGE OF PALATINE, A MUNICIPAL CORPORATION, COOK COUNTY, ILLINOIS, AND ITS SUCCESSORS OR ASSIGNS JOINTLY AND SEVERALLY SHALL HOLD A PERPETUAL EASEMENT UNDER, OVER AND ACROSS THE SURFACE OF THE PROPERTY SHOWN WITHIN THE LINES OF THE PLAT MARKED AS SUCH FOR THE INSTALLATION, CONSTRUCTION, USE, REPAIR AND MAINTENANCE OF ALL PUBLIC UTILITY EQUIPMENT, INCLUDING BUT NOT LIMITED TO, FACILITIES USED IN CONNECTION WITH THE TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND SOUNDS AND SIGNALS, WATER AND SEWAGE MAIN AND PIPING, THE RIGHT TO CUT, TRIM OR REMOVE TREES, BUSHES AND ROOTS, AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON THE SUBDIVIDED PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTION SHALL NOT BE PLACED OVER GRANTEES FACILITIES OR IN, UPON OR OVER THE PROPERTY WITHIN THE LINES MARKED "EASEMENT" WITHOUT THE PRIOR WRITTEN CONSENT OR THE GRANTEES. PROVIDED, HOWEVER. THAT SUCH CONSENT OF THE GRANTEE SHALL NOT RELIEVE THE GRANTORS, THEIR SUCCESSORS OR ASSIGNS FROM THE DUTY AND OBLIGATION TO REMOVE ANY SUCH OBSTRUCTIONS AT THEIR SOLE EXPENSE UPON THE DIRECTION OF THE GRANTEE, WHENEVER THE GRANTEE DEEMS SUCH REMOVAL NECESSARY IN ITS SOLE JUDGEMENT TO ENABLE THE GRANTEE TO REPAIR OR MAINTAIN ANY FACILITIES WITHIN THE EASEMENT OR OTHERWISE ALLOW THE GRANTEE FULL USE AND ENJOYMENT OF THE EASEMENT RIGHTS GRANTED HEREUNDER, AFTER INSTALLATION OF ANY SUCH FACILITIES. THE GRADE OF THE SUBDIVIDED PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO UNREASONABLY INTERFERE WITH THE PROPER OPERATION AND MAINTENANCE THEREOF.

DRAINAGE EASEMENT PROVISIONS:

A PERMANENT, NON-EXCLUSIVE EASEMENT FOR DRAINAGE SERVING THE SUBDIVISION OWNER/OWNERS OF LOT 1 (HEREINAFTER "GRANTOR") IS HEREBY RESERVED FOR AND GRANTED TO THE VILLAGE OF PALATINE, ILLINOIS.

THE GRANTING OF THE FOREGOING EASEMENT CONFERS NO OBLIGATION ON THE VILLAGE OF PALATINE (HEREINAFTER "GRANTEE") TO MAINTAIN, REPAIR, REPLACE, RELOCATE, OR REMOVE ANY OF THE FOREGOING.

THE EASEMENT PROVISIONS ALLOW THE GRANTOR OR THE GRANTEE ACCESS TO INSTALL, OPERATE, MAINTAIN, RELOCATE AND REMOVE, FROM TIME TO TIME, PIPES AND OTHER DRAINAGE SEWER FACILITIES USED IN CONNECTION WITH DRAINAGE, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF:

(I) THE PROPERTY SHOWN AS AND/OR LABELED AS "DRAINAGE EASEMENT," WITHIN DASHED LINES ON THE ATTACHED PLAT OF SUBDIVISION AND

(II) PROPERTY DESIGNATED ON THE PLAT AS PUBLICLY DEDICATED STREETS AND ALLEYS (THE PROPERTY DESCRIBED IN (I) AND (II) HEREINAFTER THE "EASEMENT AREAS"), TOGETHER WITH THE RIGHT TO INSTALL REQUIRED SERVICE CONNECTIONS UNDER THE SURFACE OF SUCH EASEMENT AREAS TO SERVE IMPROVEMENTS ON THE SUBDIVISION LOTS, THE RIGHT TO CUT, TRIM, OR REMOVE TREES, BUSHES AND ROOTS AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON SUCH EASEMENT AREAS FOR ALL SUCH PURPOSES.

GRANTEE MAY MAINTAIN, REPAIR AND REPLACE THE FACILITIES LOCATED IN THE EASEMENT AREAS. GRANTEE SHALL PROMPTLY BACKFILL ANY TRENCH MADE BY IT AND REPAIR ANY DAMAGE CAUSED BY IT INCLUDING, WITHOUT LIMITATION, DAMAGES FROM EXCAVATION OR USE OF THE EASEMENT AREAS, AND INCLUDING (WITHOUT LIMITATION) THE REPAIR AND REPLACEMENT OF PAVEMENT, SIDEWALKS, CURBING, FENCES AND LANDSCAPING, THEREBY RESTORING ANY SUCH AREA SUBSTANTIALLY TO ITS PRIOR CONDITION.

GRANTOR RESERVES (AND GRANTEE ACKNOWLEDGES AND AGREES TO SUCH RESERVATION) THE RIGHT TO USE THE EASEMENT AREAS FOR PURPOSES WHICH WILL NOT INTERFERE WITH GRANTEE'S ENJOYMENT OF ITS RIGHTS HEREBY GRANTED; SPECIFICALLY, GRANTOR SHALL HAVE THE RIGHT TO CONSTRUCT AND/OR INSTALL PAVEMENT FOR PARKING AND DRIVE AREAS, CURBING, SIDEWALKS, LANDSCAPING, FENCING AND SUCH OTHER SIMILAR FEATURES, BUT IN NO EVENT SHALL GRANTOR CONSTRUCT OR EFFECT ANY BUILDING OR OTHER STRUCTURE. SUCH FACILITIES SHALL BE LOCATED UNDERGROUND (EXCEPT FOR FACILITIES REQUIRED TO BE ABOVE GROUND, WHICH WILL BE LOCATED IN LANDSCAPED PORTIONS OF THE EASEMENT AREAS ONLY). AFTER INSTALLATION OF ANY UTILITY FACILITIES, THE GRADE OF THE SUBDIVIDED PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO INTERFERE WITH THE PROPER OPERATION AND MAINTENANCE THEREOF. THE LOCATION OF FACILITIES BY GRANTEES SHALL NOT CONFLICT OR INTERFERE WITH PUBLIC IMPROVEMENTS AND ANY CONFLICTS IN USE SHALL BE SUBJECT TO RESOLUTION AND APPROVAL OF THE GRANTEES.

CROSS ACCESS EASEMENT PROVISIONS

A CROSS ACCESS EASEMENT IS HEREBY RESERVED FOR AND GRANTED TO THE OWNERS, THEIR INVITEES, AND THEIR RESPECTIVE SUCCESSORS OR ASSIGNS FOR THE LAND LYING IMMEDIATELY WEST OF AND ADJOINING THIS EASEMENT AS DESIGNATED OVER AND ACROSS THE AREA LABELED "CROSS ACCESS EASEMENT." SAID EASEMENT SHALL NOT BE CLOSED FOR ANY REASON EXCEPT FOR EMERGENCY REPAIRS.

SURVEYOR'S CERTIFICATION

STATE OF ILLINOIS)
) SS
COUNTY OF DUPAGE)

I, TIMOTHY G. WOLFE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-003535, DO HEREBY CERTIFY THAT I HAVE SURVEYED AND SUBDIVIDED THE FOLLOWING DESCRIBED PROPERTY:

THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, BEING BOUNDED AS FOLLOWS:
BEGINNING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933, AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS – ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 374.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 926.96 FEET TO A POINT ON THE WESTERN LINE OF LOT 1 IN BRIESKE'S RESUBDIVISION IN SCHAUMBURG ACCORDING TO THE PLAT THEREOF RECORDED MAY 16, 1978, AS DOCUMENT NUMBER 24449403 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LYING ON A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 00 DEGREES 15 MINUTES 52 SECONDS EAST ALONG THE WESTERN LINE OF LOT 1 IN SAID BRIESKE'S RESUBDIVISION AND ALSO ALONG THE WESTERN LINE OF LOT 1 IN THE AFORESAID NATION PIZZA SUBDIVISION 1,028.18 FEET TO THE POINT OF BEGINNING.

SAID PROPERTY CONTAINS 1,243,953 SQ. FT. OR 28.557 ACRES, MORE OR LESS.

I FURTHER DECLARE THAT 5/8" DIAMETER X 24" LONG IRON REBAR WITH YELLOW CAPS WILL BE SET AT ALL PROPERTY CORNERS UNLESS OTHERWISE NOTED.

I FURTHER DECLARE BASED UPON A REVIEW OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR COOK COUNTY, ILLINOIS, AND INCORPORATED AREAS, HAVING MAP NUMBER 17031C0179J WITH AN EFFECTIVE DATE OF NOVEMBER 6, 2000, AND A MAP REVISED DATE OF AUGUST 19, 2008, THE MAJORITY OF THE SUBJECT PROPERTY, BY SCALED INTERPRETATION, APPEARS TO BE LOCATED IN "ZONE X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AND A SMALL PORTION IN THE WESTERN PART OF THE SUBJECT TRACT FALLS, BY SCALED INTERPRETATION, WITHIN "ZONE AE" – BASE FLOOD ELEVATIONS DETERMINED (SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD), AS SHOWN.

I ALSO CERTIFY THAT THE LAND IS WITHIN THE VILLAGE OF PALATINE, A VILLAGE WHICH HAS ADOPTED A CITY COMPREHENSIVE PLAN AND MAP AND IS EXERCISING THE SPECIAL POWERS AUTHORIZED BY DIVISION 12 OF ARTICLE 11 OF THE ILLINOIS MUNICIPAL CODE AS AMENDED.

GIVEN UNDER MY HAND AND SEAL THIS 19th DAY OF JANUARY IN THE YEAR 2022.

_____

Timothy G. Wolfe
Illinois Professional Land Surveyor No. 035-003535
jacobandhefner.com
twolfe@jacobandhefner.com
My License Expires November 30, 2022

TIMOTHY C. WOLFE 35-003535 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS DOWNERS GROVE

REVISED: 01-19-22 PER CLIENT COMMENTS

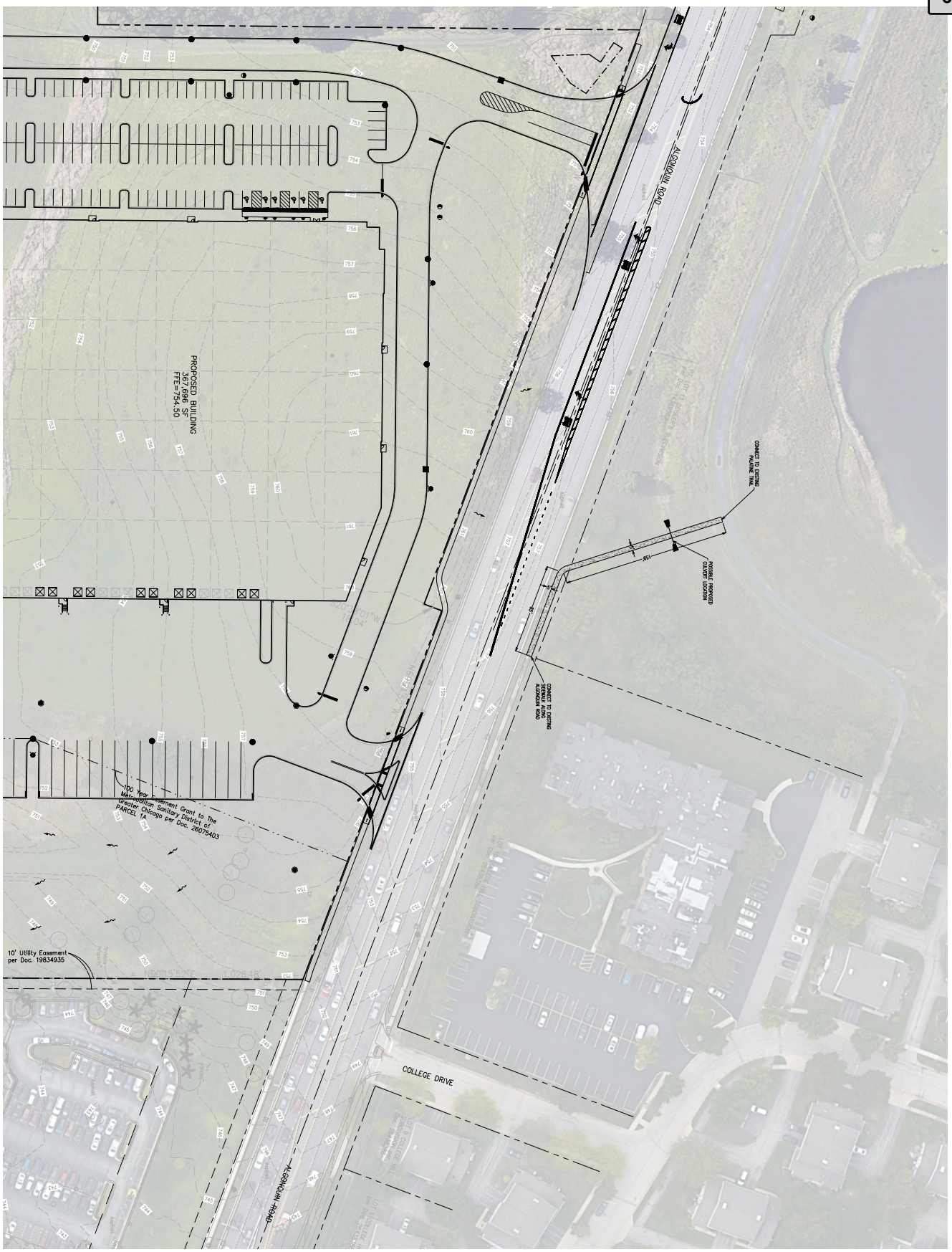
Survey No.:	F 0 7 6 a		
Ordered By.:	LOGISTICS PROPERTY COMPANY		
Description:	Plat of Subdivision		
Date Prepared:	January 13, 2022		
Scale:	1" = N/A	Field Work:	MB/KW/SC/BS
		Prepared By:	ERP

SHEET 3 OF 3

JACOB & HEFNER ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com
Illinois Professional Design Firm
License No. 184-00

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Attachment: LPC Palatine I Plat of Subdivision (1) (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)



SW-1	F076a	1" = 40'	JACOB & HEFNER ASSOCIATES 1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515 PHONE: (630) 652-4600, FAX: (630) 652-4601 www.jacobandhefner.com	SIDEWALK EXHIBIT 623 E. ALGONQUIN ROAD LOGISTICS PROPERTY COMPANY PALATINE, ILLINOIS	1 ORIGINAL No. Description Date

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: LPC Sidewalk Exhibit_01-06-2022 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

LOGISTICS PROPERTY CO

March 7, 2022

To: Ben Vyverberg
Director of Planning and Zoning
Village of Palatine
200 East Wood Street
Palatine, IL 60067

RE: Petitioner's Response to Staff Comments
Final Planned Development, Final Plat, and Rezoning
607 to 623 East Algonquin Road
Village of Palatine Case ID #7190

Dear Mr. Vyverberg,

Logistics Property Company, LLC (hereinafter "LPC") presented a petition for a Preliminary Planned Development and a Preliminary Plat for the above-referenced project to the Palatine Village Council on December 13th, 2021. The Village Council approved these petitions that evening, and LPC subsequently submitted a petition for Final Planned Development, Final Plat, and Rezoning of the subject property on January 21st, 2022. All plans submitted are in substantial conformance with the approved, Preliminary Planned Development and Preliminary Plat. Following this submittal, LPC forwarded the following plans to the Village:

- Revised Architectural Plans and Corner Entry Rendering (by *Architects Plus Design Studio, PLLC*, dated February 3rd, 2022)
- Revised Civil Engineering Final Plans (by *Jacob & Heffner Associates*, dated February 28th, 2022)

The revised architectural plans reflect an upgraded corner entry design, and the revised civil engineering plans addressed comments received from the Village on February 22nd and 23rd. Additionally, LPC is attaching supplemental information (attached hereto) and provides the following responses to staff's comments:

Planning and Zoning Comments:

a. Please provide an anticipated development and construction schedule for the property.

LPC Response: *Assuming the Final Planned Development, Final Plat, and Rezoning are approved, the petitioner is targeting the following construction schedule:*

- Building Permit Issuance: 2022-04-08
- Site Permits / Approvals Complete: 2022-06-10
- Contractor Mobilization: 2022-06-15
- Pad Construction complete: 2022-07-26

Logistics Property Company, LLC
One North Wacker Drive, Suite 1925
Chicago, IL 60606
wfreve@logisticspropco.com
+1 708 667 6913 – Direct
+1 630 452 9516 -- Mobile

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

- Begin Foundations: 2022-07-27
- Begin Precast Panel Erection: 2022-08-22
- Begin Structural Steel Erection: 2022-09-05
- Roofing Installation: 2022-10-17
- Begin MEP Installation: 2022-10-24
- Concrete Slab Pours: 2022-11-02
- Pavement & Landscaping Complete: 2022-11-24
- Exterior Painting Complete: 2022-11-29
- MEP Installation Complete: 2022-12-22
- Substantial Completion: 2022-12-27

b. Thank you for including Staff in the discussions with the HOAs north of the Subject Property. As noted, the Village Council requested that you work with the HOAs to identify additional screening alternatives to provide noise and headlight reductions from the proposed development. As a follow up submission, please provide a summary narrative identifying the discussions and status of these alternatives with both HOAs.

LPC Response: *LPC began discussions with both HOAs of the properties located at the NW corner (520 Algonquin Road) and NE corner (601-603 College Drive) of the College Drive and Algonquin Road intersection in early January. Our intent was to provide the HOAs an appropriate contribution that would allow them to mitigate any perceived impacts from the proposed project for their residents. As a result of early discussions, LPC directed our Landscape Architect to prepare two exhibits of potential screening solutions for the HOAs, as well as estimates of construction cost to construct the two plans. LPC has offered to contribute the respective amounts to both HOAs.*

To date, the 520 Algonquin Road HOA has been in dialogue with us and has requested a higher contribution. LPC anticipates coming to an agreement in the near future. The 601-603 College Drive HOA has been less responsive, and (as of the date of this letter) has not responded to LPC's latest offer. We will continue to follow up with them to reach an amenable solution. We have copied staff on all our written communication with both HOAs.

c. Please provide the additional details about the proposed screening walls. The plans reference those details, but that information did not appear to be included with the plans. Also, Staff will want to better understand the coordination of the screening walls into the grading area and berms along Algonquin Road. With the proposed elevation changes, are the concurrent screening wall material/color changes that are also contemplated ?

LPC Response: *LPC has included a 3D perspective exhibit showing the intent of the screening walls (**EXHITBIT 1**). In general terms, the screen walls will be roughly 6" to 12" shorter than the adjacent berms. They are intended to continue the screening of the berms as the slopes start to taper off to meet the grades at the driveways. They will be an architectural feature that "frames" the truck access driveway and provide an opportunity for tenant signage. The screening walls will be coordinated to match the precast materials and color of the warehouse building.*

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d. The proposed berming and additional landscaping along Algonquin Road should accomplish additional noise reduction and benefit to the surrounding properties. Will there be any freestanding signage along Algonquin Road proposed ? Do LPC projects typically have a multitenant freestanding sign for development such as this ? Staff would envision a monument style sign and likely interior directional signs for the development. Additionally, are you anticipating attached signage on the north side of the building ? The FPD ordinance will propose that the manufacturing district sign guidelines are followed, which would allow one freestanding sign.

LPC Response: *LPC anticipates constructing a freestanding monument sign near the west entrance of the property (see the signage details in* ***EXHIBITS 2A*** *and* ***2B****). We request this location sign size be approved as part of the Final Planned Development. Building signage tends to be tenant driven; we do not have current plans to put signs on the northern building wall, but we do wish to maintain the flexibility to apply for code-compliant signage in the future.*

e. Site lighting plan/narrative – on the north side of the building, Staff will likely be recommending the use of light poles directed down to limit the impact to the surrounding residential properties on the north side of the building. Additionally, Staff will likely be recommending that any exterior wall lighting would be placed no higher than a certain point on the building than a certain height to ensure impact to the residential properties to the north. At a minimum, a site lighting narrative should be submitted explaining the planned exterior lighting and the measures taken to comply with the Code requirements and mitigate any impact to the surrounding properties.

LPC Response: *LPC acknowledges the Village's concern with site lighting, and we agree to light the northern side of the building with pole mounted fixtures (directed back towards the building) in lieu of wall packs. Additionally, please note that that the light fixtures will be located near the north curb line of the driveway, and will therefore be behind the berm and landscaping in the front yard.*

Generally, the building and surrounding areas will be lit with architectural fixtures attached to the building elevations ("wall packs") on the east, west, and south sides. Due to the depth of the parking and loading areas, the east and west sides of the property will contain additional, pole-mounted site lighting. All fixtures will be energy-efficient LED fixtures, and the photometric plan will be designed to meet all applicable codes with respect to lighting levels at the property line.

f. Cross access/REA – Prior to recording of the Plat, the cross access documentation and information shall be submitted in a manner acceptable to the Village Attorney and Village Engineer.

LPC Response: *The Final Plat of Subdivision contains the requested cross access easement and easement provisions. Additionally, the limits of this easement are shown on the most recent set of civil engineering plans submitted to the Village.*

g. Sidewalk extension on the north side of Algonquin Road - Was this evaluated as part of the ENG review for Final Planned Development ? As of yet, Staff has not discussed this with either the Palatine Park District or Harper College.

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LPC Response: *Please see* ***EXHIBIT 3*** *showing one possible routing of the sidewalk. It is possible from a grading standpoint, but this sidewalk would be crossing a drainage swale, and my engineer has indicated this would require the permitting of a culvert through both MWRD and the Village of Schaumburg. It is the petitioner's preference to construct the sidewalk adjacent to the subject site on the south side of Algonquin road.*

h. Loading docks – Please confirm that the proposed loading docks will use a dock seal mounting and that loading/unloading will occur from the interior of the building.

LPC Response: *Confirmed. Although the proposed project can accommodate up to 60 total dock doors, LPC plans to install 36 dock doors with dock seals with the initial construction. The remaining 24 door positions will have precast "knockout panels" so the panels may have doors openings cut into them for future doors.*

i. Site marketing information – Please provide any updates to the intended site marketing for the building and uses. Specifically, please indicate if there are any anticipated updates to the targeted uses for the building.

LPC Response*: The new development will be marketed to a wide range of potential users including but not limited to distribution, manufacturing, light assembly, and corporate headquarters. LPC has hired Jeff Provenza and Todd Hendricks of Darwin Realty as listing agents to market the building to potential tenants. Darwin Realty is a privately held real estate brokerage, asset management, investment, and development firm based in suburban Chicago. Since 1975, Darwin Realty has established a dominant position in Chicago's dynamic industrial and commercial real estate market.*

Engineering Comments:

LPC Response*: Engineering comments were provided by the Village on February 22nd and 23rd. Jacob and Heffner responded to these comments in a response letter and plan set dated February 28th. The response letter is attached as* ***EXHIBIT 4****.*

We trust that these plan changes and responses to the Village comments are satisfactory to staff. If you have any questions on the above, or if you require any additional information, please feel free to contact me to discuss.

Sincerely,

Wilfrid W Freve

Wilfrid Freve
Senior Vice President, Midwest Region

wf/cc: A. Martell, B. Fish (LPC)
P. Bazos (Bazos, Freeman, Schuster & Pope, LLC.)

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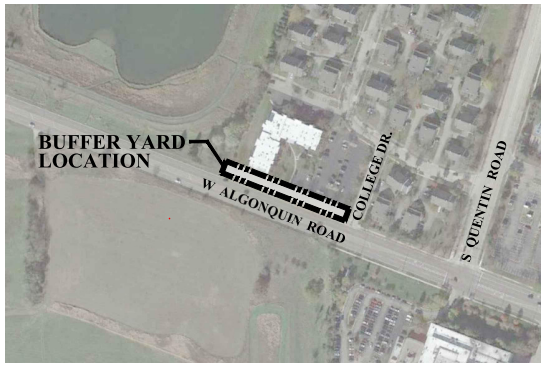
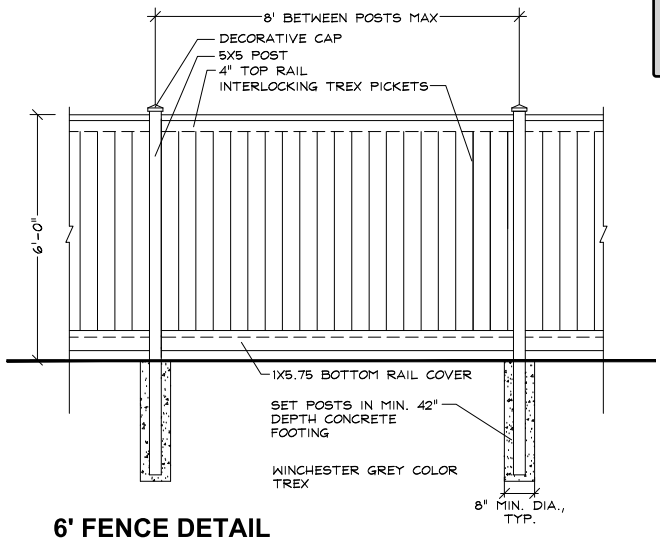


PROJECT LOCATION
SCALE: 1"=400'

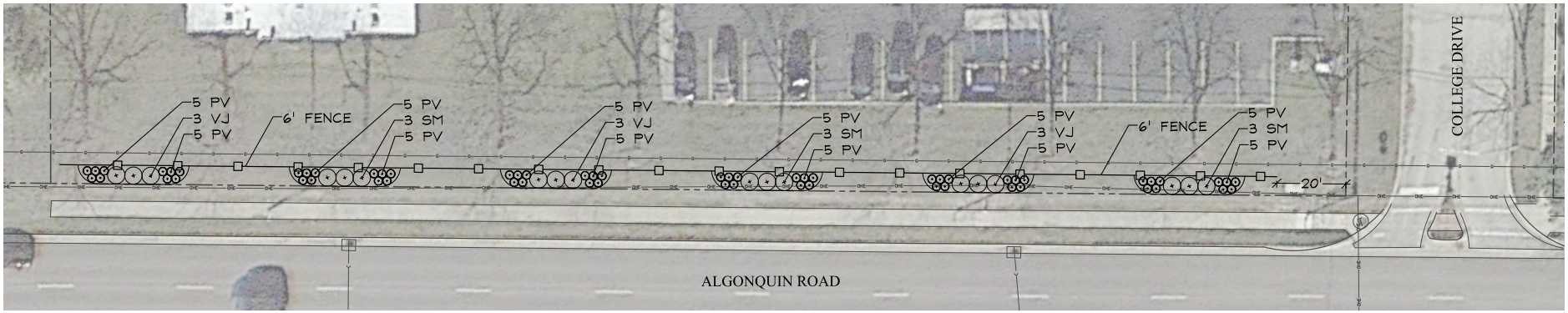
NORTH

PLANT LIST

Key	Qty	Botanical/Common Name	Size	Remarks
		DECIDUOUS SHRUBS		
SM	9	Syringa meyeri 'Palibin' DWARF KOREAN LILAC	30" Tall	4' O.C.
VJ	9	Viburnum x 'juddii' JUDD VIBURNUM	36" Tall	4' O.C.
		ORNAMENTAL GRASS		
PV	60	Panicum virgatum 'Haense Herms' RED SWITCH GRASS	#1	30" O.C.
		MISC. MATERIALS		
	6	SHREDDED HARDWOOD MULCH	C.Y.	
	352	6' FENCE	L.F.	



6' FENCE DETAIL
NOT TO SCALE



BUFFER YARD FENCE AND PLANTING PLAN

0 15' 30' 60'
SCALE: 1"=30'

NORTH

OFFSITE SCREENING EXHIBIT
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

1/24/2022

JACOB & HEFNER ASSOCIATES

GARY R. WEBER ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
WWW.GRWAINC.COM

Attachment: Off-site screening proposal and plan - 522 Algonquin Rd Condominiums (3-story condiminium building directly north of the Subject

PLANT LIST

Key	Qty	Botanical/Common Name	Size	Remarks
		EVERGREEN SHRUBS		
TO	3	Thuja occidentalis 'Techny'	5' Tall	5' O.C.
		TECHNY (MISSION) ARBORVITAE		
		MISC. MATERIALS		
	1	SHREDDED HARDWOOD MULCH	C.Y.	

0 10' 20'
SCALE: 1"=20'

NORTH

OFFSITE SCREENING
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS
1/24/2022

JACOB & HEFNER ASSOCIATES

GARY R. WEBER ASSOCIATES, INC.
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WWW.GRWAINC.COM

L:\Projects\JH21117\Acad\

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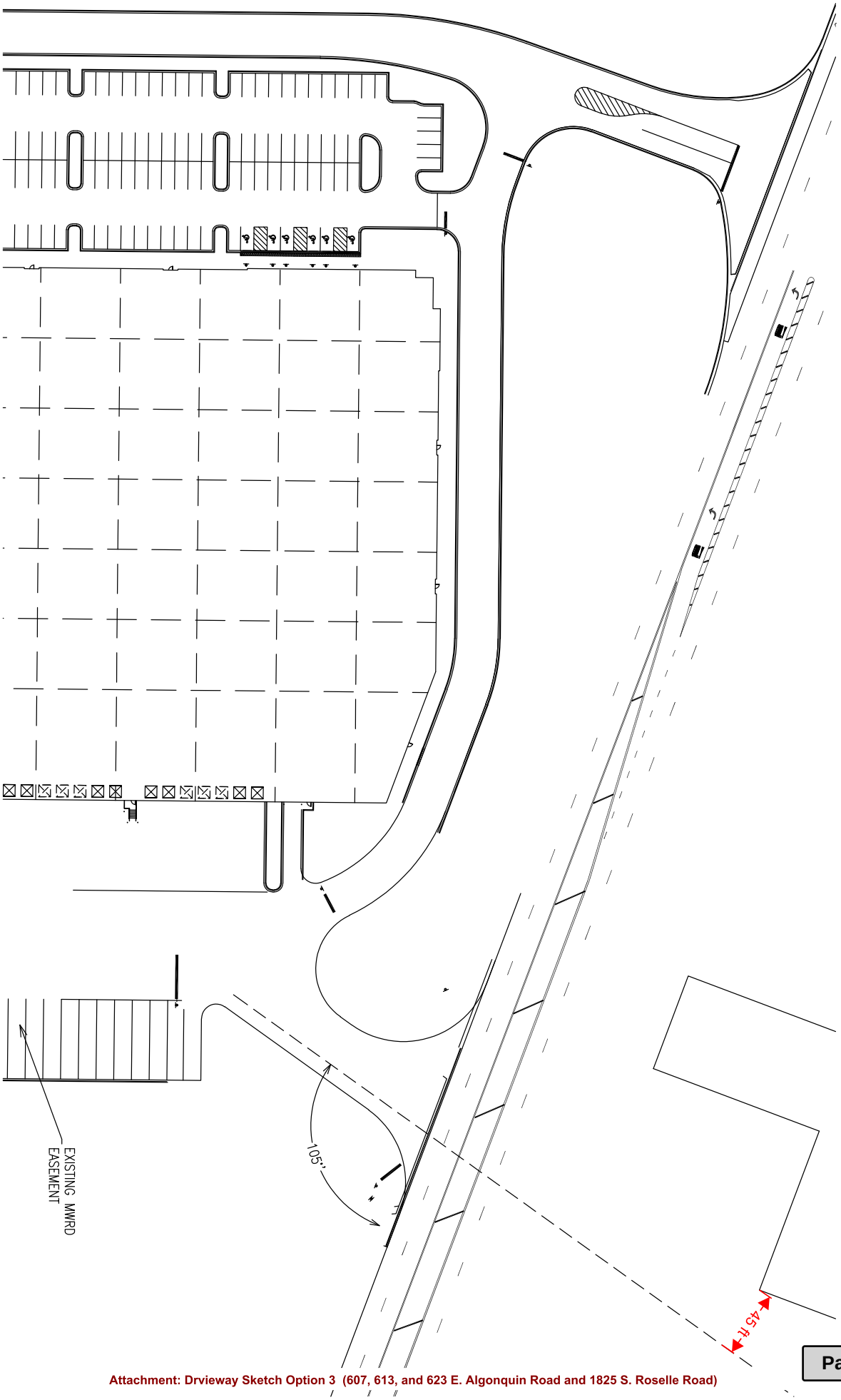
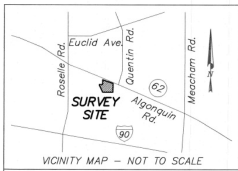

EXISTING MWRD EASEMENT
105'
45 ft



ALTA/NSPS LAND TITLE SURVEY

OF

THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, BEING BOUNDED AS FOLLOWS:

BEGINNING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933, AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS – ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 374.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 926.96 FEET TO A POINT ON THE WESTERN LINE OF LOT 1 IN BRIESKE'S RESUBDIVISION IN SCHAUMBURG ACCORDING TO THE PLAT THEREOF RECORDED MAY 16, 1978, AS DOCUMENT NUMBER 24449403 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LYING ON A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 00 DEGREES 15 MINUTES 52 SECONDS EAST ALONG THE WESTERN LINE OF LOT 1 IN SAID BRIESKE'S RESUBDIVISION AND ALSO ALONG THE WESTERN LINE OF LOT 1 IN THE AFORESAID NATION PIZZA SUBDIVISION 1,028.18 FEET TO THE POINT OF BEGINNING, CONTAINING 28.557 ACRES, MORE OR LESS.

N

0 40' 80' 160'

Scale 1" = 80'

NOTE A: ALGONQUIN ROAD (aka IL ROUTE 62) IS A PUBLIC RIGHT OF WAY AND IS UNDER THE JURISDICTION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SUBJECT PROPERTY HAS DIRECT ACCESS TO ALGONQUIN ROAD (aka IL ROUTE 62), A PUBLIC RIGHT-OF-WAY.

NOTE B: DURING THE PROCESS OF CONDUCTING THE FIELDWORK, NO ABOVE-GROUND VISIBLE EVIDENCE OF THE PERIMETER OF CEMETERIES OR BURIAL GROUNDS OR THE LOCATION OF ISOLATED GRAVESITES NOT WITHIN A CEMETERY OR BURIAL GROUND WAS OBSERVED.

ASPH.	DENOTES ASPHALT	NLY.	DENOTES NORTHERLY
DOC.	DENOTES DOCUMENT	RD.	DENOTES ROAD
E.	DENOTES EAST	R.O.W.	DENOTES RIGHT OF WAY
F.I.P.	DENOTES FOUND IRON PIPE	S.	DENOTES SOUTH
F.I.R.	DENOTES FOUND IRON ROD	SLY.	DENOTES SOUTHERLY
N.	DENOTES NORTH	W.	DENOTES WEST
NE.	DENOTES NORTHEAST	WLY.	DENOTES WESTERLY
NO.	DENOTES NUMBER	BC/BC	DENOTES BACK OF CURB TO BACK OF CURB

BASIS OF BEARINGS

ILLINOIS STATE PLANE COORDINATES EAST ZONE (NAD 83)

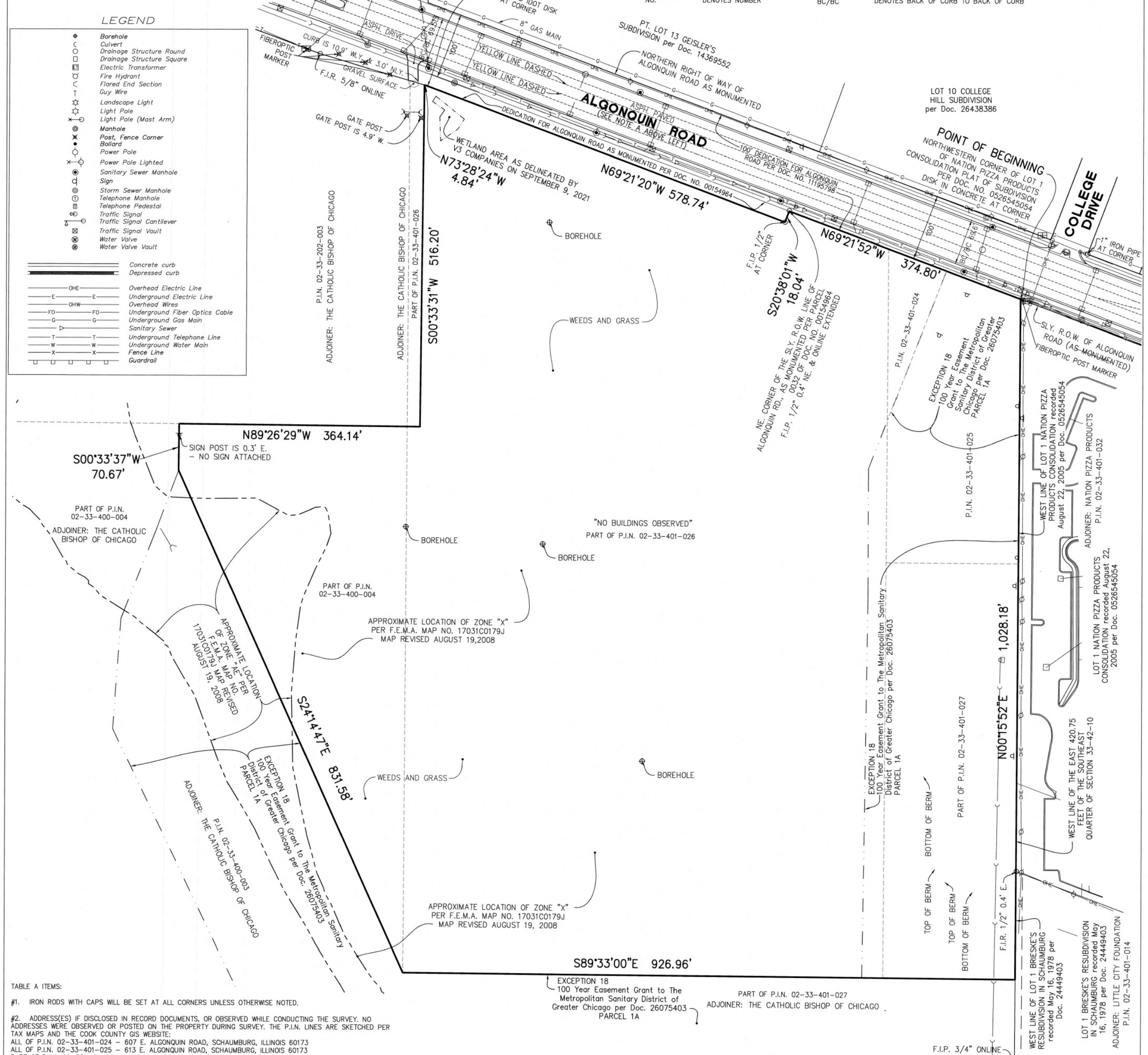


TABLE A ITEMS:

#1. IRON RODS WITH CAPS WILL BE SET AT ALL CORNERS UNLESS OTHERWISE NOTED.

#2. ADDRESS(ES) IF DISCLOSED IN RECORD DOCUMENTS, OR OBSERVED WHILE CONDUCTING THE SURVEY. NO ADDRESSES WERE OBSERVED OR POSTED ON THE PROPERTY DURING SURVEY. THE P.I.N. LINES ARE SKETCHED PER TAX MAPS AND THE COOK COUNTY GIS WEBSITE:
ALL OF P.I.N. 02-33-401-024 – 607 E. ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60173
ALL OF P.I.N. 02-33-401-025 – 613 E. ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60173
PART OF P.I.N. 02-33-401-026 – 623 E. ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60173
PART OF P.I.N. 02-33-401-027 – NO ADDRESS LISTED
PART OF P.I.N. 02-33-400-004 – 1825 S. ROSELLE ROAD, SCHAUMBURG, ILLINOIS 60173.

#3. ACCORDING TO A SCALED INTERPRETATION OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR COOK COUNTY, ILLINOIS, AND INCORPORATED AREAS, HAVING MAP NUMBER 17031C0179J WITH AN EFFECTIVE DATE OF NOVEMBER 6, 2000, AND A MAP REVISED DATE OF AUGUST 19, 2008, THE MAJORITY OF THE SUBJECT PROPERTY APPEARS TO BE LOCATED IN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AND A SMALL PORTION IN THE WESTERN PART OF THE SUBJECT TRACT FALLS WITHIN ZONE AE – BASE FLOOD ELEVATIONS DETERMINED (SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD), AS SHOWN.

#4. SUBJECT TRACT = 1,243,953 SQ. FT. OR 28.557 ACRES±.

#6a 6b. NO SITE-SPECIFIC ZONING REPORT WAS PROVIDED FOR REVIEW.

#9. MARKED PARKING SPACES: NO VISIBLE MARKED PARKING SPACES WERE OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.

#11(a). ABOVE GROUND VISIBLE EVIDENCE OF UNDERGROUND UTILITIES ARE SHOWN ON THE SURVEY. NO UNDERGROUND UTILITY INVESTIGATIONS WERE PERFORMED. THE FOLLOWING PLANS AND/OR REPORTS WERE USED FOR REFERENCE:
1) RESPONSES FROM J.U.L.I.E. LOCATE REQUEST MEMBERS: COMMONWEALTH EDISON, WIDE OPEN WEST, AT&T DISTRIBUTION, COMCAST, NW SUB. MUNIC. J-ACTION WATER, WINDSTREAM KDL/MCLEOD USA, LEVEL 3 (CENTURYLINK), MCI/VERIZON, METROPOLITAN WATER RECLAMATION DISTRICT OF CHICAGO, NICOR GAS, VILLAGE OF SCHAUMBURG, SPRINT, AND USIC LOCATING SERVICES;
2) METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO UTILITY ATLAS, DATED APRIL 2016;
3) VILLAGE OF SCHAUMBURG UTILITY ATLAS, DATED AUGUST 2021.

#14. THE NORTHEAST CORNER OF THE SUBJECT PROPERTY IS APPROXIMATELY 45 FEET WEST OF THE INTERSECTION OF ALGONQUIN ROAD AND COLLEGE DRIVE.

#16. DURING THE PROCESS OF CONDUCTING THE FIELDWORK, THERE WAS NO OBSERVED EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS.

#17. THE SURVEYOR IS NOT AWARE OF ANY PROPOSED CHANGES IN STREET RIGHT OF WAY LINES. DURING THE PROCESS OF CONDUCTING THE FIELDWORK, THERE WAS NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.

#18. NO OFFSITE EASEMENTS WERE PROVIDED FOR REVIEW TO BE SURVEYED OR SHOWN.

THIS ALTA/NSPS LAND TITLE SURVEY IS BASED ON THE CHICAGO TITLE INSURANCE COMPANY COMMITMENT FOR TITLE INSURANCE HAVING COMMITMENT NUMBER CCHI2105064LD WITH A COMMITMENT DATE OF OCTOBER 15, 2021 AND PRINTED OCTOBER 28, 2021. THE METES AND BOUNDS LEGAL DESCRIPTION SHOWN ON THE SURVEY IS A PART OF AND LIES COMPLETELY WITHIN THE LANDS DESCRIBED IN SCHEDULE A OF THE COMMITMENT. THE SUBJECT TRACT IS COMPOSED OF ALL OF P.I.N. 02-33-401-024, ALL OF P.I.N. 02-33-401-025, PART OF P.I.N. 02-33-401-026, PART OF P.I.N. 02-33-401-027 AND PART OF P.I.N. 02-33-400-004.

EXCEPTION 18: SEE 100 YEAR EASEMENT GRANT RECORDED DECEMBER 2, 1981, AS DOCUMENT NO. 26075403 FOR A FLOOD CONTROL EASEMENT AFFECTING THE EASTERN PORTION OF THE SUBJECT TRACT AND ADDITIONAL LANDS, AS SHOWN. SEE DOCUMENT FOR PARTICULARS.

EXCEPTION 19: SEE RIGHT OF WAY EASEMENT RECORDED OCTOBER 15, 1984, AS DOCUMENT NO. 27293559 FOR A COMMUNICATIONS EASEMENT LYING WITHIN THE SOUTHERN PORTION OF THE RIGHT OF WAY OF ALGONQUIN ROAD. BECAUSE NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN THE RIGHT OF WAY FOR ALGONQUIN ROAD, THE EASEMENT WOULD NOT APPEAR TO BURDEN THE SUBJECT TRACT. NO SPECIFIC EASEMENT WIDTH STRIP IS DESCRIBED, NOT PLOTTABLE.

EXCEPTION 20: SEE ORDINANCE NO. O-73-20 RECORDED NOVEMBER 10, 2020, AS DOCUMENT NO. 2031516044 FOR TERMS AND PROVISIONS REGARDING ANNEXATION OF TERRITORY TO THE VILLAGE OF PALATINE. THE ANNEXED PROPERTY IS ALL OF THE SUBJECT TRACT AND ADDITIONAL LANDS. NOT PLOTTABLE. BLANKET IN NATURE. SEE DOCUMENT FOR PARTICULARS.
SEE AFFIDAVIT OF SERVICE NOVEMBER 10, 2020, AS DOCUMENT NO. 2031516045 FOR TERMS AND PROVISIONS REGARDING THE SUBJECT TRACT AND ADDITIONAL LANDS. THE LEGAL DESCRIPTION CONTAINED THEREIN IS THE SAME AS THE ONE IN THE ORDINANCE ABOVE. NOT PLOTTABLE. BLANKET IN NATURE.

STATE OF ILLINOIS)
) SS
COUNTY OF DUPAGE)

TO: LPC Acquisition Company, LLC, a Delaware limited liability company; AND
Logistics Property Company, LLC, its successors and assigns; AND
Texas Capital Bank, a Texas state bank, as administrative agent, its successor, assigns and any participant(s), if any, in the credit facility(ies) extended by the Bank; AND
LPC Palatine I, LP, a Delaware limited partnership; AND
Chicago Title Insurance Company:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(a), 6(b), 8, 9, 11(a), 13, 14, 16, 17, 18 AND 19 OF TABLE A THEREOF.

THE FIELD WORK WAS COMPLETED ON SEPTEMBER 10, 2021.

DATED THIS 19th DAY OF DECEMBER IN THE YEAR 2021.

[signature]

Timothy G. Wolfe
Illinois Professional Land Surveyor No. 035-003535
jacobandhefner.com
twolfe@jacobandhefner.com
My License Expires November 30, 2022

TIMOTHY G WOLFE 35-003535 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS DOWNERS GROVE

Survey No.:	F 0 7 6 a		
Ordered By.:	LOGISTICS PROPERTY COMPANY		
Description:	ALTA/NSPS Land Title Survey		
Date Prepared:	September 20, 2021		
Scale:	1" = 80'	Field Work:	MB/KW/SC/ES
		Prepared By:	LB/TGW

REVISED: 12-19-21 PER LENDER COMMENTS
REVISED: 11-29-21 ADDED PARTY TO CERTIFICATE
REVISED: 10-29-21 – PER REVISED TITLE COMMITMENT
REVISED: 10-21-21 – REVISED SHAPE OF SURVEY
REVISED: 09-29-21 – PER CLIENT COMMENTS

H:\F\F076\F076a\S\Dwg\ALTA\F076aALTA.dwg

JACOB & HEFNER ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com
Illinois Professional Design Firm
License No. 184-003

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: LPC - Palatine - Final ALTA Survey - 01-18-22 (607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road)

VILLAGE OF PALATINE

FINAL PLANNED DEVELOPMENT

Department of Planning & Zoning
200 E. Wood Street · Palatine, IL · 60067-5339
Telephone: (847) 359-9047 · Fax (847) 963-6247
www.palatine.il.us

CONTACT INFORMATION WORKSHEET

PETITIONER(S) Aaron Martell	**Business Name (If applicable)** LPC Palatine I, LP
Address One North Wacker Drive, Suite 1925	City/State/Zip Code Chicago, IL 60606
Telephone 708-667-6908	Fax N/A
Email amartell@logisticspropco.com	
Subject Property Address 623 Algonquin Road; Palatine, IL 60067	
AUTHORIZED AGENT (if applicable) N/A	**Business Name (if applicable)**
Address	City/State/Zip Code
Telephone	Fax
Email	

I swear that the information contained herein and in any accompanying documents is accurate to the best of my knowledge.

LPC Palatine I, LP
A Delaware limited partnership

By: LPC Palatine I GP, LLC
A Delaware limited liability company
Its general partner

By: Aaron Martell
Aaron S. Martell, Vice President

Date: 01/21/2022

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

VILLAGE OF PALATINE

Real Estate Interest Disclosure Form

Name of Disclosing Party (individual, business, etc.)
LPC Palatine I, LP

Relationship to Petitioner (check one)

■ Petitioner □ Legal Entity holding an Interest (i.e. realtor, attorney, etc.)

□ Legal Entity Holding a Right of Control (i.e. landlord, etc.)

Address of Disclosing Party	City/State/Zip Code
One North Wacker Drive, Suite 1925, Chicago, IL 60606	

Telephone	Fax	Email
708-667-6940	N/A	

Address of Subject Property	**City/State/Zip Code**
623 Algonquin Road	Palatine, IL 60067

Legal Description of Subject Property (see plat of survey or title)

See ALTA/NSP Survey

List All Persons Deriving an Interest in Subject Property (i.e. owner, lessee, etc.)

Name	Address	Legal Interest
LPC Palatine I, LP	One North Wacker Drive, Suite 1925, Chicago, IL 60606	Owner

I affirm that there are no other persons deriving any interest from or through me or from or through any other person or entities above set forth in the property which is the subject of the contract or application for which I am filing this disclosure notice whom I have not disclosed.

I understand that if there are any changes in the interest disclosed in this disclosure notice during the terms of the subject contract or before the Village has taken final action on the matter for which this disclosure notice is filed, I shall file a subsequent disclosure notice disclosing such changes.

See signature block below

Signature Date

SUBSCRIBED AND SWORN TO before me this ____ day of _____ 20___.

Notary Public Signature

Project Planner	Zoning Case #

LPC Palatine I, LP
A Delaware limited partnership

By: LPC Palatine I GP, LLC
A Delaware limited liability company
Its general partner

By: Aaron Martell
Aaron S. Martell, Vice President

Date: 01/21/2022

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

VILLAGE OF PALATINE

REZONING

Department of Planning & Zoning
200 E. Wood Street · Palatine, IL · 60067-5339
Telephone: (847) 359-9047 · Fax (847) 963-6247
www.palatine.il.us

Office Use Only	Project Planner	Zoning Case #
	Filing Fee	Notification Deadline

Date received

PLEASE TYPE OR PRINT IN INK:

1. Name of Petitioner(s): LPC Palatine I, LP (Contact: Aaron Martell)

2. Authorized Agent of Petitioner (if different):

   Name: N/A

   Address: _____

   Telephone No._____ Business No. _____

   Relationship to Petitioner: _____

3. Property Interest of Petitioner(s): Owner
   Owner, Lessee, Contract Purchaser, etc.

4. Address of the property for which this application is being filed:
   623 Algonquin Road; Palatine, IL 60067

5. This petition is for: (check one)

   x Rezoning of currently incorporated property (within Village limits)

   _____ Rezoning of currently unincorporated property, in conjunction with annexation

6. All existing land use(s) on the property are: Vacant (undeveloped)

7. The proposed use(s) on the property, if this petition is approved is (are):

8. Current zoning of property: R-1 - Single Family Size of the Property: 28.557 acres

9. Proposed new zoning classification: M - Manufacturing

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

PETITIONER JUSTIFICATION:

The Petitioner is required to present specific evidence, not opinions, to justify the proposed rezoning. Please respond to the following questions, attaching a separate sheet if necessary:

10. Describe why the subject property cannot be reasonably developed in accordance with the existing zoning classification.

Logistics Property Company, LLC ("LPC") plans to develop a state-of-the-art, professionally landscaped, logistics facility that would maximize the market value of the Subject Property, increase employment opportunities and bolster the tax revenue to the Village of Palatine. The current use (vacant land) and zoning of R-1 does not represent the highest and best use of the Subject Property. Given the extreme demand for Class A logistics/warehouse facilities and the proximity to other existing industrial facilities, such as Nation Pizza and other light industrial buildings to the east, a rezoning to M - Manufacturing would be a logical continuation of the surrounding land uses, and will maximize the development potential of the Subject Property

11. Is the proposed zoning classification similar to or harmonious with the existing zoning of surrounding properties? Explain.

The proposed rezoning of the Subject Property is appropriate given the context of the surrounding properties. To the north, the site borders Algonquin Road, a five-lane divided arterial roadway. IDOT has jurisdiction over Algonquin road, and it is a designated Class II truck route. Algonquin Road's right of way ranges from 100-120 feet along the Subject Property's frontage. To the west is Saint Michael the Archangel Catholic Cemetery (Zoned R-1). With this development, LPC will construct a heavily landscaped berm along the western boundary to separate the Subject Property from the Cemetery. To the South is an existing MWRD Flood Control Basin that cannot be developed. To the east is a 100+ acre industrial business park within Schaumburg that includes Nation Pizza and Foods, Connella Distribution center, and other industrial uses comparable to the proposed project.

12. Does the proposed zoning classification conflict with the Village's Comprehensive Plan? Explain.

The Subject Property is not contemplated in the Village's Comprehensive Plan, due to it only being annexed into Palatine in November of 2020. However, given the industrial product immediately to the east in Schaumburg, the Subject Property's direct access to a designated truck route, its easy access to two interchanges on I-90, and the massive demand for industrial product, the proposed "M" zoning is logical and supported for this location. Although there is residentially zoned land to the west and north, the proposed berms along these property lines, combined with the natural boundary of Algonquin Road will create significant buffers and separation between the two different zoning classifications.

13. Will any of the uses permitted under the proposed zoning classification have an injurious effect on the value and/or the use and enjoyment of surrounding properties?

The proposed rezoning would not have an adverse effect on the use and enjoyment of adjacent properties. The industrial use is consistent with the eastern, adjacent industrial park. The traffic report demonstrates the subject property is only projected to generate a 2% increase in the volume of traffic on Algonquin Road, and it will not degrade the level of service of any surrounding intersection. Additionally, the combination of the distance from adjacent properties, significant berming and landscaping proposed by the petitioner, and the natural buffering created by the MWRD facilities surrounding the Subject Property will effectively mitigate any potential adverse effects from the proposed development on adjacent properties.

14. The petitioner's signature below indicates that the information contained in this application and on any accompanying documents is true and correct to the best of his/her knowledge.

PETITIONER:

LPC Palatine I, LP
A Delaware limited partnership

By: LPC Palatine I GP, LLC
A Delaware limited liability company
Its general partner

By: Aaron Martell Date: 01/21/2022
Aaron S. Martell, Vice President

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

VILLAGE OF PALATINE

FINAL PLAT OF SUBDIVISION

Department of Planning & Zoning
200 E. Wood Street · Palatine, IL · 60067-5339
Telephone: (847) 359-9047 · Fax (847) 963-6247
www.palatine.il.us

Office Use Only		
	Project Planner	Zoning Case #
	Filing Fee	Notification Deadline
	PC Public Hearing Date	Village Council Date

date received

PLEASE TYPE OR PRINT IN INK:

1. Name of Petitioner(s): LPC Palatine I, LP (Contact: Aaron Martell)

2. Authorized Agent of Petitioner (if different):

   Name: N/A

   Address: _____

   Telephone No. _____ Business No. _____

   Email: _____

   Relationship to Petitioner: _____

3. Property Interest of Petitioner(s): Owner
   Owner, Lessee, Contract Purchaser, etc.

4. Address of the property for which this application is being filed:
   623 Algonquin Road; Palatine, IL 60067

5. All existing land use(s) on the property are:

6. Current zoning of property: R-1 - Single Family Size of the property: 28.557 acres

7. Briefly describe the proposed Planned Development with regards to types of uses proposed, number and types of units, development mix, amenities to be provided, etc.:

The petitioner is proposing to rezone the property from R-1 Single Family to M-Manufacturing. We are proposing to construct one (1) single story warehouse, approximately 367,000 square feet in size. The project also includes employee parking, trailer parking, loading docks, stormwater detention and significant berming and landscaping. At the Village's request, the petitioner is providing a cross-access easement to western property that may be developed in the future.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

8. The petitioner's signature below indicates that the information contained in this application and on any accompanying documents is true and correct to the best of his/her knowledge.

Signature: See petitioner's signature below Date: _____

State of Illinois
County of Cook

This instrument was acknowledged before me on _____, 20___ by

_____

_____
Notary Public

(Seal)

PETITIONER:

LPC Palatine I, LP
A Delaware limited partnership

By: LPC Palatine I GP, LLC
A Delaware limited liability company
Its general partner

By: Aaron Martell Date: 01/21/2022
Aaron S. Martell, Vice President

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

VILLAGE OF PALATINE

FINAL PLANNED DEVELOPMENT

Department of Planning & Zoning
200 E. Wood Street · Palatine, IL · 60067-5339
Telephone: (847) 359-9047 · Fax (847) 963-6247
www.palatine.il.us

Office Use Only		
	Project Planner	Zoning Case #
	Filing Fee	Notification Deadline
	PC Public Hearing Date	Village Council Date

date received

PLEASE TYPE OR PRINT IN INK:

1. Name of Petitioner(s): LPC Palatine I, LP (Contact: Aaron Martell)
2. Authorized Agent of Petitioner (if different):

   Name: N/A

   Address: _____

   Telephone No. _____ Business No. _____

   Email: _____

   Relationship to Petitioner: _____

3. Property Interest of Petitioner(s): _____
   Owner, Lessee, Contract Purchaser, etc.
4. Address of the property for which this application is being filed:

   623 Algonquin Road; Palatine, IL 60067
5. All existing land use(s) on the property are:
6. Current zoning of property: R-1, Single Family Size of the property: 28.557 acres
7. Briefly describe the proposed Planned Development with regards to types of uses proposed, number and types of units, development mix, amenities to be provided, etc.:

The petitioner is proposing to rezone the property from R-1 Single Family to M-Manufacturing. We are proposing to construct one (1) single story warehouse, approximately 367,000 square feet in size. The project also includes employee parking, trailer parking, loading docks, stormwater detention and significant berming and landscaping. At the Village's request, the petitioner is providing a cross-access easement to western property that may be developed in the future. We are also providing added landscaping plantings and larger plan sizes that exceed code requirements.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

8. Describe any Variations from the Village Ordinances which would be required if the proposed Planned Development were to be developed as a traditionally zoned project (if any):

1. Deviation requested from section 7.04 (d) (3) of the Zoning Ordinance to allow a two (2) foot overhang when a parking stall is adjacent to a landscaped area and thus reduce the length of these parking stalls from nineteen (19) feet to seventeen (17) feet.

2. Deviation requested from section 7.04 (d) (5) (1) of the zoning ordinance to allow sidewalk adjacent to the parking area when adjacent to accessible parking stalls. This is required to allow wheelchair / ADA access to the accessible parking stalls.

3. Deviation requested from section 12.02 (b) (1) of the Zoning Ordinance to waive the buffer requirement when adjacent to residential property. The subject site is surrounded on three sides by residentially zoned land, but the actual uses are an MWRD easement and flood control dike (east), MWRD flood control basin (south), and St. Michael the Archangel Cemetery (west). These uses provide permanent buffers for the proposed project.

9. The attached Checklist of Documents outlines all required submittals before a project may be scheduled for the required public hearing before the Plan Commission. All required documents must be submitted with this Petition.

The required documents accompany this request.

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

10. The petitioner's signature below indicates that the information contained in this application and on any accompanying documents is true and correct to the best of his/her knowledge.

Signature: See petitioner's signature below Date: _____

State of Illinois
County of Cook

This instrument was acknowledged before me on _____, 20 ___by

_____

_____
Notary Public

(Seal)

PETITIONER:

LPC Palatine I, LP
A Delaware limited partnership

By: LPC Palatine I GP, LLC
A Delaware limited liability company
Its general partner

By: Aaron Martell Date: 01/21/2022
Aaron S. Martell, Vice President

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

PUBLIC NOTICE

A Public Hearing will be held before the Village of Palatine Plan Commission on Tuesday, March 15, 2022 at 7 PM, in the Village Council Chambers in the Palatine Village Hall, 200 E. Wood Street, relative to a request for the following:

1. **Final Plat of Subdivision to permit a single subdivided lot as part of a Final Planned Development;**
2. **Final Planned Development to permit warehouse/ distribution, light assembly, manufacturing, and/or corporate headquarters uses in one building; and**
3. **Rezoning to Planned Development**

The Subject Property is currently a vacant zoning lot and is generally located south and west of the intersection of Algonquin Road (IL-Route 62) and Quentin Road. The Subject Property will be zoned to Planned Development and subdivided to create a single lot of record, from several existing parcels and portions of existing parcels, commonly known as 607, 613, and 623 E. Algonquin Road, and 1825 S. Roselle Road (representing the eastern approximately 365 feet, without frontage along Roselle).

PIN #s: (02-33-401-024, 02-33-401-025, part of parcel 02-33-401-026, part of parcel 02-33-401-027, and part of parcel 02-33-400-004)

The Petitioner is requesting approval to subdivide the Subject Property to create a single lot of record and approval of a Final Planned Development and Final Plat of Subdivision to allow a new warehouse/distribution/light assembly/manufacturing building (approximately 368,000 square feet, with associated vehicle and trailer parking), and associated office uses.

The above petition has been filed by Logistics Property Company (Aaron Martell – Logistics Property Company - https://logisticspropco.com/) and is available for examination in the office of the Village Clerk, 200 E. Wood Street.

FILE #: 22-08

VILLAGE OF PALATINE
Dennis Dwyer, Chair
Palatine Plan Commission

DATED: This 28th day of February 2022

Published in Daily Herald February 28, 2022 (4578587)

CERTIFICATE OF PUBLICATION

Paddock Publications, Inc.

Northwest Suburbs

Daily Herald

Corporation organized and existing under and by virtue of the laws c the State of Illinois, DOES HEREBY CERTIFY that it is the publish of the **Northwest Suburbs DAILY HERALD**. That said **Northwes Suburbs DAILY HERALD** is a secular newspaper, published in Arlington Heights and has been circulated daily in the Village(s) of: Arlington Heights, Barrington, Barrington Hills, Bartlett, Buffalo Gr Deer Park, Des Plaines, Elk Grove, Franklin Park, Glenview, Hanover Park, Hoffman Estates,Inverness, Melrose Park,Morton Gr Mt Prospect, Niles, Northbrook, Northfield, Northlake, Palatine, Park Ridge, Prospect Heights, River Grove, Rolling Meadows, Rosemont, Schaumburg,Schiller Park, South Barrington, Streamwoo Wheeling, Wilmette

County(ies) of Cook

and State of Illinois, continuously for more than one year prior to the date of the first publication of the notice hereinafter referred to and i general circulation throughout said Village(s), County(ies) and State

I further certify that the Northwest Suburbs DAILY HERALD is a newspaper as defined in "an Act to revise the law in relation to notic as amended in 1992 Illinois Compiled Statutes, Chapter 715, Act 5, Section 1 and 5. That a notice of which the annexed printed slip is a copy, was published 02/28/2022 in said Northwest Suburbs DAILY HERALD.

IN WITNESS WHEREOF, the undersigned, the said PADDOCK PUBLICATIONS, Inc., has caused this certificate to be signed by, th authorized agent, at Arlington Heights, Illinois.

PADDOCK PUBLICATIONS, INC.
DAILY HERALD NEWSPAPERS

BY Paula Baetzman

Designee of the Publisher and Officer of the Daily Herald

Control # 4578587

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

VILLAGE OF PALATINE

VILLAGE HALL - COUNCIL CHAMBERS 200 E. WOOD STREET
PALATINE, IL 60067-5339 – (847) 359-9050
http://www.palatine.il.us

PLAN COMMISSION

MINUTES • MARCH 1, 2022

Village Hall - Council Chambers | **Regular Meeting** | **7:00 PM**

I. CALL TO ORDER

Attendee Name	Title	Status	Arrived
Dennis Dwyer	Chairman	Present	
Patrick Noonan	Plan Commissioner	Absent	
Teri Williams	Plan Commissioner	Present	
Eric Friedman	Plan Commissioner	Present	
Rodney Bettenhausen	Plan Commissioner	Present	
Robert Kolososki	Plan Commissioner	Present	
Stephen Fedota	Plan Commissioner	Present	

II. APPROVAL OF MINUTES

1. Plan Commission - Regular Meeting - Jan 18, 2022 7:00 PM **- Accepted**

RESULT:	**ACCEPTED [UNANIMOUS]**
AYES:	Dwyer, Williams, Friedman, Bettenhausen, Kolososki, Fedota
ABSENT:	Noonan

Attachment: March 15, 2022 - Plan Commission materials - LPC development (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S.

VILLAGE OF PALATINE

VILLAGE HALL - COUNCIL CHAMBERS 200 E. WOOD STREET
PALATINE, IL 60067-5339 – (847) 359-9050
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PLAN COMMISSION

MINUTES ● MARCH 15, 2022

Village Hall - Council Chambers | **Regular Meeting** | **7:00 PM**

I. CALL TO ORDER

Attendee Name	Title	Status	Arrived
Dennis Dwyer	Chairman	Present	
Patrick Noonan	Plan Commissioner	Present	
Teri Williams	Plan Commissioner	Present	
Eric Friedman	Plan Commissioner	Absent	
Rodney Bettenhausen	Plan Commissioner	Present	
Robert Kolososki	Plan Commissioner	Present	
Stephen Fedota	Plan Commissioner	Absent	

II. PUBLIC HEARING

1. Final Planned Development, Final Plat of Subdivision, and Rezoning To Planned Development at 607, 613, and 623 (part of) E. Algonquin Road and 1825 (part of) S. Roselle Road

    1. Case #22-08 - 607,613,623 E Algonquin Road and 1825 S Roselle Road

    Notice was published in the Daily Herald on February 24, 2022 and mailed to the owners and occupants of the surrounding properties.

Petitioner's Exhibits:

1. Final Engineering Plans
2. Final Architectural Plans
3. Final Landscaping Plans
4. LPC Screening Berm Plans
5. Final Plat of Subdivision
6. Freestanding Sign Plan
7. Petitioner Narrative - LPC Plan Commission Response
8. Offsite Landscaping Plan College Hill Townhomes
9. Offsite Landscaping and Fencing Plan - 522 Algonquin Rd
10. Sidewalk Exhibit
11. LPC Development Applications
12. Public Notice

Sworn in staff: Mr. Vyverberg

Sworn in Petitioner: Wil Freve - Logistics Property Co., LLC - Senior Vice

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

President - Midwest Region

Chairman Dwyer explains this is a Final Planned Development, which has been approved by the Village Council. The role of the Plan Commission today is to review the conditions that were approved by the Village Council and determine if the conditions have been met. It is not unusual that certain conditions will be continued.

Mr. Vyverberg explains that Preliminary Planned Development was approved by Village Council on December 13, 2021. He states he will be presenting final architectural plans, final engineering plans and will also address the conditions of the preliminary plan for the Final Planned Development. Mr. Vyverberg reviews final landscaping plans and explains the plans were modified and the evergreen trees were revised to 8' tall and the quantity increased from 38 to 87 in the front yard along Algonquin Road. This change was a component of the Village Council approval. He explains that the Planned Development would require adherence to the landscaping plan in perpetuity, so that any trees that die or otherwise need to be removed will need to be replaced to maintain the approved count. He states that landscaping plan was revised after the initial public hearing on the north side of the property and provided additional screening.

The plans also built up the berm for additional noise and aesthetic screening. He explains the grade differential and states they were able to achieve a 12' grade differential for the berm, where the truck docks are located. This will provide as much screening as possible for headlight and noise protections. He presents a view of the angled screening walls that will flank the right in and right out access along Algonquin Road. He explains the walls are 10' to 11' tall and will help to provide additional screening and noise mitigation.

Mr. Vyverberg gives a summary and status of the Preliminary Planned Development Conditions. He explains that these are part of the original approval by the Village Council. Final Engineering plans have been modified and have been conditionally accepted by the Village Engineer. He summarizes the conditions and provides updates as to their status. States that the review fees and all conditions have been approved by the village council and engineer. He states that the petitioner did reevaluate and relocate the right in and right out further to the east so headlights would shine on the parking lot north of the subject property and have provided a buffer plan for the 522 building that is directly north. Petitioner is also proposing to install a 6' fence along the length of the property, approximately 352' along with additional landscaping. Requirements set by Village Council as part of the Preliminary Planned Development were to make contact with organizations and discuss offsite screening plans. Mr. Vyverberg states that the berm plans, landscaping plans and the fencing plans submitted would seem to satisfy the requirements. Mr. Vyverberg continues to review the conditions and status.

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Mr. Freve of Logistics Property Co (LPC) states that LPC has provided additional screening and buffering for the residential properties to the north and has maxed out the berm at the front of the property facing Algonquin Road. The plans provide a double row of evergreens and within a couple of years this will provide a solid wall of landscaping along with the screen walls. He states that an agreement has been made with the 522 Home Owner Association and LPC will make a contribution to their own screening efforts.

Attorney Eliot Schencker states he represents the 600 E. Homeowners Association and confirms that all differences have been resolved and have no objections to the Planned Development.

Sylvia Folage - College Hill Resident - states her concerns about the Planned Development project.

Jan Elbert 2620 College Hill - States her concerns about the Planned Development project. Main concern is number of docks and truck traffic.

Mr. Vyverberg states that full capacity would be at 60 truck docks. Whether they build the 60 truck docks at this time is not known but any alterations to add additional docks to the final plan would require approval.

Mr. Freve explains the trip study and traffic study would not have to be redone if additional docks were added.

Ms. Elberts asks if the traffic study included the surrounding area.

Chairman Dwyer explains that the study looks at the current condition. It does not take into account future development.

Michele Curran - College Drive states she is in favor of economic growth but has concerns about the project and heavy traffic.

Fagidna Xhemali - College Drive - Asks about legal restrictions and if this can be reviewed.

Chairman Dwyer states this has been approved by the Village Council. There are no further reviews.

Ms. Xhemali further discusses and talks about traffic and complaints from Nation Pizza site.

Mr. Nate Smith - College Hill Circle - Ask if this is legally approved. He discusses the in and out specifications and the truck lighting that the 522 building will incur.

Mr. Vyverberg explains the access plan that was presented.

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Mr. Freve also provides explanation to the access plan and states that they worked to provide a happy medium and provide the best location. He also states they met with the Home Owners Association on the landscaping plan for that area and offered a contribution to the HOA for landscaping and screening.

Ms. Folage again states that the property is within the Village of Schaumburg and Schaumburg does not allow fences which could provide additional screening.

Ms. Kara Smith - College Hill Circle - States her concerns about truck traffic at night.

Mr. Nate Smith questions who verifies the final stipulations/conditions have been met.

Chairman Dwyer explains it is up to the Village to determine if the conditions have been met.

Ms. Kara Smith reiterates her concerns about the headlight issue and truck traffic.

Mr. Freve talks through the truck traffic study and states that the comment regarding 200 trucks at night represents the worst case scenario and is conservative by nature for planning purposes. This number is likely a gross exaggeration and theorizes that most traffic would be during normal business hours. He also states that most homes are a distance of over 250'. The intensity of the truck lights would be significantly less at this distance than if you were directly across the street.

Chairman Dwyer states Village of Palatine is working to have the residents' concerns addressed.

Moves to Staff Recommendations.

Staff Recommendation:

The Plan Commission initially reviewed and recommended the Preliminary Planned Development in November 2021 and the Village Council approved, subject to several conditions. Staff believes that the Final Planned Development significantly conforms to the Preliminary Planned Development. The final resolution to any off-site screening will ultimately be a policy matter for the Village Council to review.

The 522 property is located across Algonquin Road from the LPC property. With the proposed LPC building setback (70 feet at its closest point) and the Algonquin Road/State Route 62 ROW (100 feet), there is 170 feet of separation

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

from the 522 building. Additionally, the 522 building appears to be set back approximately 40 additional feet, for a total separation of 210 feet.

The proposed landscaping and screening enhancements should address the concerns raised through the initial review. While the College Hill property is located to the northeast across Algonquin Road from the LPC property, it is directly across from Nation Pizza. As the right-in/right-out was moved 65 feet to the east, the berming, increased landscaping, screening walls, and proposed landscaping plantings on the College Hill property should address these concerns.

Staff again notes that the Nation Pizza property directly east of the Subject Property also maintains a manufacturing zoning designation in the Village of Schaumburg.

Therefore, Staff recommends approval of the Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development, subject to the following conditions:

For the Final Planned Development:

1. **The development shall substantially conform to the engineering plans by Jacob and Heffner Associates, dated February 28, 2022, the architectural plans by Architects Plus, last revised February 7, 2022, the landscaping plans by Gary Weber Associates, dated January 21, 2022, except as such plans may be changed to conform to Village Codes and Ordinances.**

2. **Uses and signage shall be governed by the Manufacturing district use lists in the Village of Palatine Zoning Ordinance (note - this includes all of the required performance standards). Sign plans shall follow the Manufacturing district sign regulations.**

3. **As a component of the Final Planned Development, a Planned Development letter of credit in an amount acceptable to the Village Council shall be submitted in a manner acceptable to the Director of Planning and Zoning.**

4. **The final landscaping/screening plan along the northern and eastern property lines (proximate to the truck docks) shall be revised in a manner acceptable to the Director of Planning and Zoning, to reduce any noise impact from trucks traffic and headlight sweeps. As part of these revisions, the front yard landscaped area north of the building, should provide an additional berm, to further provide additional landscaping and screening. The use of an additional screening could also be a component of the revisions on the northeast and eastern sides of the property. These revisions should also evaluate the potential to include additional**

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

landscaping/screening for the residential properties on the north side of Algonquin Road. This evaluation and any proposed changes to the landscaping and screening plans should be submitted for Village review, as part of the Final Planned Development application process, with the Petitioner being responsible for those costs associated with any Village-Petitioner agreed upon landscaping costs to further screen the residential properties on the north side of Algonquin Road.

5. **The final photometric and lighting plan shall be revised in a manner acceptable to the Village Engineer. Light shields shall be required for all lights proximate to residential properties, at the determination of the Village Engineer. The use of pole mounted fixtures should also be evaluated on the north side of the property to ensure the appropriate cut-off from any additional light spillage.**

6. **The final traffic directional signage plan shall be submitted in a manner acceptable to the Village Engineer.**

7. **Cross access easements, declarations and a Reciprocal Easement Agreement for the entire property governing the maintenance of access points, stormwater areas and any other common areas shall be submitted in a manner acceptable to the Village Attorney and Village Engineer as part of the Final Planned Development application process.**

8. **The final dumpster locations and required screening materials shall be submitted in compliance with Village Code, pursuant to Sec. 6-42.2 Screening: (a)**

Trash containers and outdoor storage areas shall be screened from public streets, pedestrian areas, and neighboring properties. The screens should be designed to be compatible with the architectural character of the development. Trash screens shall also meet the requirements of Chapter 12 of this code. These screens shall be constructed of durable materials similar to those of the building and shall have solid (opaque) walls and doors, as part of the Final Planned Development application process. The final locations could also require the submission of a revised auto-turn, in a manner acceptable to the Director of Fire Prevention.

9. **All rooftop equipment shall be screened in compliance with Code:**

(b) Roof-top equipment screening: 1. New Construction. All mechanical equipment and other similar devices located on any roof shall be visually and acoustically screened on all sides. Design and detail of such screening on all elevations shall be coordinated with regard to color, types of materials, number of materials, architectural form, and detailing to achieve harmony and continuity of

design with the major portions of the building.

10. **As a condition of the Final Planned Development and pursuant to the project narrative, the Petitioner shall submit the proposed business and operations' plans (identified tenants) for Staff review for compliance with the manufacturing use list and standards.**

For the Final Plat of Subdivision:

1. **The Final Engineering plans shall substantially conform to the Jacob and Hefner Associates engineering plans, last revised February 28, 2022, except as such plan shall be changed to conform with Village Codes and Ordinances and in a manner acceptable to the Village Engineer.**
2. **The Final Plat of Subdivision shall be submitted on a Mylar, with all required signatures.**
3. **Recording fees in an amount of $600 shall be submitted.**
4. **The Final Plan Review fees in the amount of 1.5% of total project improvement costs shall be submitted in a manner acceptable to the Village Engineer.**
5. **A Public Improvement Letter of Credit shall be submitted to insure the completion of all public improvements, as defined within the Village Code, for an amount of 115% of the approved EEOC, along with a cash bond of 10% for the required one-year maintenance period in a manner acceptable to the Village Engineer.**
6. **The EEOPC shall be revised in a manner acceptable to the Village Engineer.**
7. **The Petitioners shall submit a Subdivision Improvement Agreement in a manner acceptable to the Village Attorney.**
8. **The cross access easement, declarations, and reciprocal easement agreement regarding the maintenance of the access points, stormwater areas, or any other required common areas shall be submitted in a manner acceptable to the Village Attorney and Village Engineer.**
9. **All extra-agency permits (e.g. IDOT, MWRD, etc.) shall be submitted in a manner acceptable to the Village Engineer.**

Deliberations:

Mr. Kolososki asks about truck traffic at night and asks where trucks would exit and if after hours trucks could be directed to use a particular access point.

Mr. Vyverberg states that the traffic impact study had an actual distribution of where trucks would be existing site based on east bound and west bound destinations. If the project is approved, constructed and occupied and they are made aware of circumstances where there was substantial impact of headlight glare, they would make contact with the petitioner.

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Mr. Kolosoki also states that the petitioner did a good job on the revisions to the landscaping plan adding the berming, screening, and trees.

Chairman Dwyer agrees and states that they more than doubled the amount of trees.

This item will be reviewed by the Village Council Monday 4/11/22

Mr. Noonan made a motion to approve subject staff's conditions; Seconded by Mr. Kolososki

Unanimously approved.

DISCUSSION:

The minutes for the November 2, 2021 have been revised and will be added to the 4/5/22 meeting agenda.

For the April 5, 2022 meeting, there will be 4-Lot Residential Subdivision at the intersection of Dundee Road & N. Haven Drive in unincorporated Cook County, including petition to annex and proposed preliminary plat of subdivision.

Carraig Subdivision has been reviewed and approved by the Village, with an agreement to demolish the home by August 31, 2022.

RESULT:	**RECOMMENDED TO APPROVE [UNANIMOUS]**
MOVER:	Patrick Noonan, Plan Commissioner
SECONDER:	Robert Kolososki, Plan Commissioner
AYES:	Dwyer, Noonan, Williams, Bettenhausen, Kolososki
ABSENT:	Friedman, Fedota

Attachment: March 15, 2022 - Plan Commission Minutes (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

PUBLIC NOTICE

A Public Hearing will be held before the Village of Palatine Plan Commission on Tuesday, March 15, 2022 at 7 PM, in the Village Council Chambers in the Palatine Village Hall, 200 E. Wood Street, relative to a request for the following:

1. **Final Plat of Subdivision to permit a single subdivided lot as part of a Final Planned Development;**
2. **Final Planned Development to permit warehouse/ distribution, light assembly, manufacturing, and/or corporate headquarters uses in one building; and**
3. **Rezoning to Planned Development**

The Subject Property is currently a vacant zoning lot and is generally located south and west of the intersection of Algonquin Road (IL-Route 62) and Quentin Road. The Subject Property will be zoned to Planned Development and subdivided to create a single lot of record, from several existing parcels and portions of existing parcels, commonly known as 607, 613, and 623 E. Algonquin Road, and 1825 S. Roselle Road (representing the eastern approximately 365 feet, without frontage along Roselle).

PIN #s: (02-33-401-024, 02-33-401-025, part of parcel 02-33-401-026, part of parcel 02-33-401-027, and part of parcel 02-33-400-004)

The Petitioner is requesting approval to subdivide the Subject Property to create a single lot of record and approval of a Final Planned Development and Final Plat of Subdivision to allow a new warehouse/distribution/light assembly/manufacturing building (approximately 368,000 square feet, with associated vehicle and trailer parking), and associated office uses.

The above petition has been filed by Logistics Property Company (Aaron Martell – Logistics Property Company - https://logisticspropco.com/) and is available for examination in the office of the Village Clerk, 200 E. Wood Street.

FILE #: 22-08

VILLAGE OF PALATINE
Dennis Dwyer, Chair
Palatine Plan Commission

DATED: This 28th day of February 2022

Published in Daily Herald February 28, 2022 (4578587)

CERTIFICATE OF PUBLICATION

Paddock Publications, Inc.

Northwest Suburbs

Daily Herald

Corporation organized and existing under and by virtue of the laws o the State of Illinois, DOES HEREBY CERTIFY that it is the publish of the **Northwest Suburbs DAILY HERALD**. That said **Northwes Suburbs DAILY HERALD** is a secular newspaper, published in Arlington Heights and has been circulated daily in the Village(s) of: Arlington Heights, Barrington, Barrington Hills, Bartlett, Buffalo Gr Deer Park, Des Plaines, Elk Grove, Franklin Park, Glenview, Hanover Park, Hoffman Estates,Inverness, Melrose Park,Morton Gr Mt Prospect, Niles, Northbrook, Northfield, Northlake, Palatine, Park Ridge, Prospect Heights, River Grove, Rolling Meadows, Rosemont, Schaumburg,Schiller Park, South Barrington, Streamwoo Wheeling, Wilmette

County(ies) of Cook
and State of Illinois, continuously for more than one year prior to the date of the first publication of the notice hereinafter referred to and i general circulation throughout said Village(s), County(ies) and State

I further certify that the Northwest Suburbs DAILY HERALD is a newspaper as defined in "an Act to revise the law in relation to notic as amended in 1992 Illinois Compiled Statutes, Chapter 715, Act 5, Section 1 and 5. That a notice of which the annexed printed slip is a copy, was published 02/28/2022
in said Northwest Suburbs DAILY HERALD.

IN WITNESS WHEREOF, the undersigned, the said PADDOCK PUBLICATIONS, Inc., has caused this certificate to be signed by, th authorized agent, at Arlington Heights, Illinois.

PADDOCK PUBLICATIONS, INC.
DAILY HERALD NEWSPAPERS

BY Paula Raetz
Designee of the Publisher and Officer of the Daily Herald

Control # 4578587

Attachment: Public Notice (607, 613, and (part of) 623 E. Algonquin Road and (part of)1825 S. Roselle Road)

Consider a Resolution of Support for the Filing of a 6B Cook County Tax Classification Application for the Property Located at 623 E. Algonquin Road

BACKGROUND: One of the economic development tools available to communities within Cook County is the 6B Tax Classification program. This program is designed to encourage industrial/manufacturing development through the reduction of a property's tax assessment over a twelve-year period. In conjunction with an application for the program, a resolution of support is required from the municipality in which the property is located. Therefore, the Petitioner is seeking approval of the following:

> **Resolution of support for the filing of a 6B Cook County Tax Classification application for the property located at 623 E. Algonquin Road**

KEY ISSUES:

- The Petitioner, LPC Acquisition Company, LLC, is seeking to develop the approximately 28.55 acre site at 623 E. Algonquin Road.
- The Petitioner is proposing to redevelop the property with a new industrial/warehouse building totaling approximately 368,000 square feet. The Petitioner anticipates the proposed redevelopment will result in a total investment of over $42,000,000 and create 250 new jobs.
- Following completion of the proposed redevelopment, the Subject Property is projected to have a market value of approximately $42,800,000, which would generate an estimated $18,500,000 in total taxes over the life of the Class 6b Tax Incentive (or approximately $1,370,000 per year).
- The Cook County 6B Tax Classification is used for property tax relief for industrial/manufacturing uses. Properties are assessed at 10% of market value for the first 10 years, 15% for the 11th year, and 20% in the 12th year. In absence of this incentive, the property would normally be assessed at 25% of its market value.

ALTERNATIVES:

1. Recommend approval of the Resolution.
2. Do not recommend approval of the Resolution.

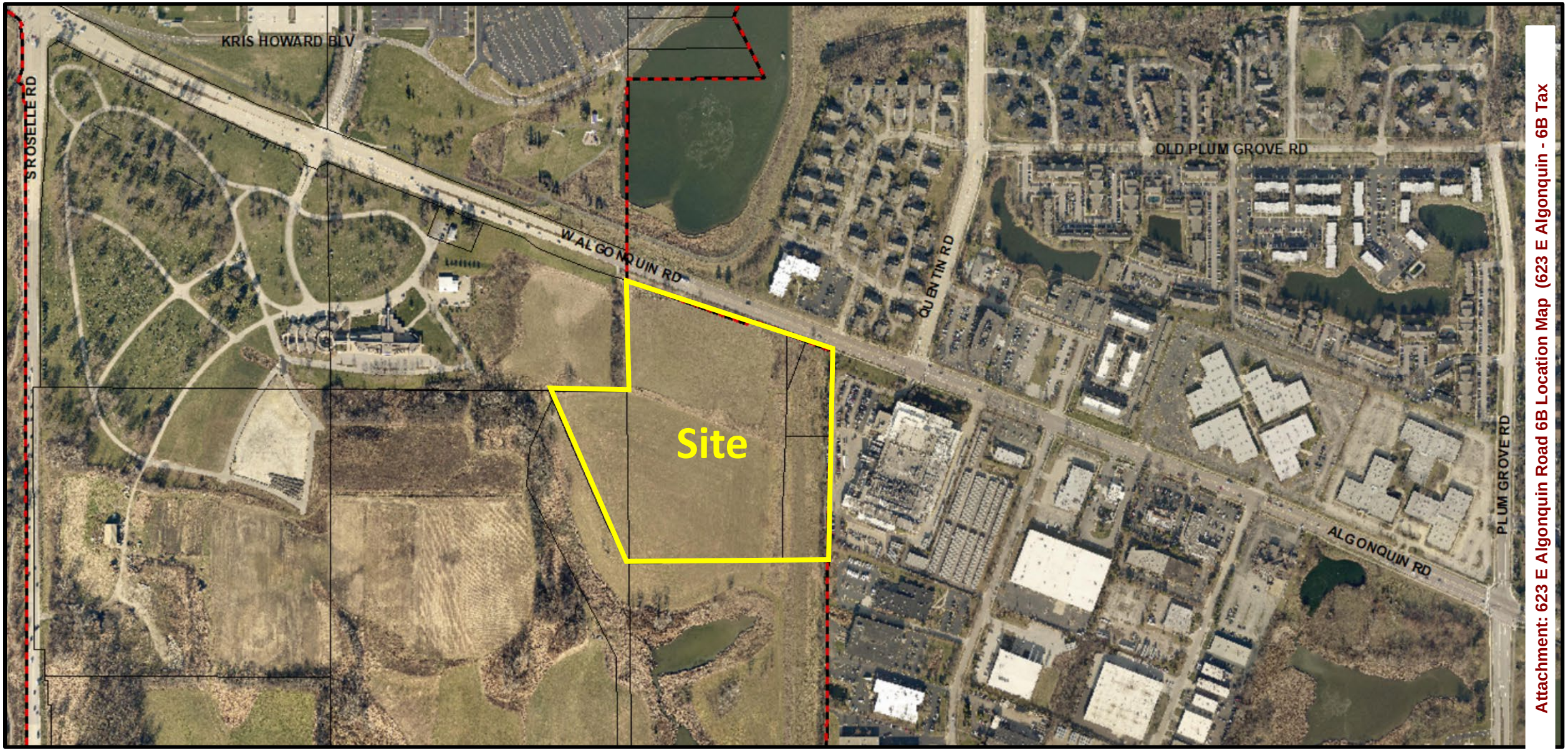
RECOMMENDATION:
Staff recommends approval of the Resolution.

ACTION REQUIRED:
Motion to approve a Resolution for support for the filing of a 6b Cook County Tax Classification for the property located at 623 E. Algonquin Road.

ATTACHMENTS:

- 623 E Algonquin Road 6B Location Map
- LPC 6b Resolution of Support

- 623 E Algonquin Packet 4.6.22 PIN Update
- Cook County 6B Eligibility Bulletin



Attachment: 623 E Algonquin Road 6B Location Map (623 E Algonquin - 6B Tax

RESOLUTION NO. _____

A RESOLUTION SUPPORTING THE USE OF CLASS 6B PROPERTY TAX CLASSIFICATION FOR THE PROPERTY LOCATED AT 623 E. ALGONQUIN ROAD

WHEREAS, the Village of Palatine (the "Village") is a Home Rule municipality within the purview of Article VII, Section 6(a) of the Illinois Constitution (1970), and the said Village, therefore, may exercise any power and perform any function pertaining to its government and affairs; and

WHEREAS, the Village desires to promote and preserve industrial uses in the Village; and

WHEREAS, the Village of Palatine is adopting this resolution supporting the use of Class 6B property tax classification by the County of Cook for the property located at 623 E. Algonquin Road; and

WHEREAS, the Village of Palatine finds that the Class 6B real estate tax classification is essential to the revitalization of the Property, while simultaneously ensuring the continued viability and redevelopment of industrial properties within the Village; and

WHEREAS, the Petitioner, LPC Acquisition Company, LLC, has indicated they are not willing to complete the construction of a new office/warehouse buildings at 623 E. Algonquin Road without the approval of the 6B real estate tax classification; and

WHEREAS, an Economic Disclosure Statement has been received from the Petitioner and filed by the Village of Palatine.

Attachment: LPC 6b Resolution of Support (623 E Algonquin - 6B Tax Classification Request)

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Village Council of the Village of Palatine that the Village of Palatine supports and consents to this Class 6B application and that it finds Class 6B necessary for investment to occur on the Subject Property at 623 E. Algonquin Road, Palatine, Illinois (PIN # 02-33-401-024, 02-33-401-025, and portions of 02-33-400-004, 02-33-401-026, and 02-33-401-027).

DATED: This 11th day of April, 2022

AYES:_____ NAYS:_____ ABSENT:_____ PASS:_____

APPROVED by me this _____day of _____, 2022

_____
Mayor of the Village of Palatine

ATTEST and FILE in the office of the Village Clerk this ____ day of

_____, 2022

_____
Village Clerk

Attachment: LPC 6b Resolution of Support (623 E Algonquin - 6B Tax Classification Request)

THE LAW OFFICES OF
LISTON & TSANTILIS
A PROFESSIONAL CORPORATION

33 NORTH LASALLE STREET, 28TH FLOOR CHICAGO, ILLINOIS 60602
BRIAN P. LISTON (312) 580-1594 PETER TSANTILIS (312) 604-3808 FACSIMILE (312) 580-1592

April 6, 2022

VIA MAIL & EMAIL
Mike Jacobs
Village Manager's Office
200 E Wood Street
Palatine, IL 60067

RE: Class 6b Eligibility Application
LPC Acquisition Company, LLC or its assignee
623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025 &
Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

Dear Mike,:

LPC Acquisition Company, LLC or its assignee is the contract purchaser of the above-referenced property (the "Subject Property"), and is requesting:

1. A Resolution from the Village of Palatine supporting and consenting to a Class 6b Tax Incentive for the Subject Property based on New Construction and Substantial Rehabilitation.

The Subject Property currently consists of 3,965,376 square feet of vacant land. LPC Acquisition Company, LLC, or its assignee (the "Applicant") intends on constructing a 367,696 square foot industrial building on a 1,243,953 sq. ft. site on speculative basis for lease to a suitable industrial user(s). Please see the attached "Site Plan" for reference.

Background of the Applicant

Logistics Property Company, LLC is a privately-held commercial real estate development and investment company operating throughout the United States. Logistics Property Company, LLC was founded in January 2018 by Chief Executive Officer James Martell, former President and Founder of Ridge Development (Ridge), along with several former Ridge executives with backing from MIRA Real Estate - part of Macquarie Infrastructure and Real Assets (MIRA), one of the world's leading alternative asset managers. Logistics Property Company, LLC is led by a diverse and seasoned management team that averages more than 25 years of experience and has developed in excess of 125 million square feet of logistics buildings since it began in 1995. Logistics Property Company, LLC serves as a capital deployment vehicle, as well as a third-party operator for investors and users who are focused on investment-grade development and acquisition opportunities. Through its strategic relationships with both private and institutional debt and equity, the firm focuses on speculative and build-to-suit development, "value-add" acquisition projects, and third-party asset and development management

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

opportunities. Logistics Property Company, LLC vision is to aspire to provide modern logistics facilities and optimal occupancy solutions for their customers.

Potential Occupants & Employment

The Applicant does not yet have a tenant for the Subject Property, but plans to lease the proposed facility to one or more industrial users. The Subject Property will be constructed for a warehouse/distribution type use with parking spaces for 350+ employees. Depending on the ultimate end user, the Applicant expects full time employment number around 110 full time employees upon stabilization. As such, an estimated 110 full time employees would produce approximately $466,125 in annual Village revenue. The Applicant also expects the improvements described below to result in approximately 100 temporary construction jobs.

New Construction & Real Estate Tax Analysis

The Applicant has purchased the Subject Property for **$17,070,901** and intends on spending approximately **$25,760,000** in hard costs to construct the new 367,696 square foot facility and associated detention pond. The new facility will face East and will feature 60 truck doors, two drive-in doors, and 36' clear height. The facility will include a total of 363 parking stalls (including 13 ADA accessible spots) to the West of the building and 70 trailer parking stalls to the East. As part of the construction, the Applicant will also be required to install a new detention pond to the East of the car parking stalls.

After t completion of the facility, the Subject Property is projected to have a market value of approximately **$42,830,901** which would generate an estimated **$18,498,465** in total taxes over the life of the Class 6b Tax Incentive (approximately **$1,370,257** per year). Without the incentive and with full vacancy relief, the Subject Property would generate a total of only $289,234 in total taxes (approximately $24,103 per year) over the life of the incentive. Therefore, should the Class 6b Tax Incentive be approved, the Subject Property would generate an additional **$18,209,232** in real estate taxes over the life of the Class 6b Tax Incentive. Please see the attached "12 Year Tax Comparison Chart" for more details.

Once the facility is constructed, the Applicant plans to lease the Subject Property to one or more industrial users. As mentioned, the Applicant does not yet have a tenant for the space, but based on the parking county and similar projects, expects around 75-150 full time workers to be employed at the site. All employees will be compensated in accordance with Cook County's Living Wage, and the Applicant will suggest that the Occupant will give preference to qualified local residents.

"But-For" Condition Statement

Without the assistance from the Class 6b Tax Incentive, the Applicant will be unable to construct the proposed facility as designed. The Applicant has determined that the without the incentive, the heavy 31.992% effective tax rate for this site will make the project infeasible. In the event the Subject Property will not be purchased the land will remain vacant and unused.

Economic Analysis & Conclusion

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

In addition to increased property tax revenues, the eventual occupant's operations at the Subject Property will significantly benefit the Village's economy. The Occupant's employees and patrons will frequent City restaurants, gas stations, stores, and more. As mentioned above, an estimated 110 full time employees are projected to contribute an additional **$466,125** per year to the Village's economy. In total, the purchase and construction of the proposed 367,696 square foot facility will generate approximately **$23,800,000** in additional revenue over the life of the incentive.

Based on the foregoing, the Applicant requests that the Village of Palatine review its Class 6b Tax Incentive request and approve a Resolution supporting and consenting to a Class 6b Tax Incentive for the Subject Property based on New Construction and, Substantial Rehabilitation Should you need any additional documentation or have any questions or concerns, do not hesitate to contact me at (312) 604-3898 or via email at mrogers@ltlawchicago.com.

Respectfully Submitted,

Mark Rogers

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

COOK COUNTY ASSESSOR
FRITZ KAEGI

COOK COUNTY ASSESSOR'S OFFICE
118 NORTH CLARK STREET, CHICAGO, IL 60602
PHONE: 312.443.7550 FAX: 312.603.6584
WWW.COOKCOUNTYASSESSOR.COM

CLASS 6B
ELIGIBILITY APPLICATION

Carefully review the Class 6B Eligibility Bulletin before completing this Application. For assistance, please contact the Assessor's Office, Development Incentives Department (312) 603-7529. This application, ***a filing fee of $500.00***, and supporting documentation *(except drawings and surveys)* must be filed as follows:

This application must be filed **PRIOR TO** the commencement of New Construction or **PRIOR TO** the commencement of Substantial Rehabilitation Activities or **PRIOR TO** the commencement of Reoccupation of Abandoned Property.

Applicant Information

Name: LPC REIT 201 Master, LP or its assignee Telephone: (708) 667-6910

Company: Logistics Property Company, LLC

Address: One North Wacker Drive Suite 2350

City: Chicago State: Illinois Zip Code: 60606

Email: jmartell@logisticspropco

Contact Person (if different than the Applicant)

Name: James Martell Telephone: (708) 667-6910

Company: Logistics Property Company, LLC

Address: One North Wacker Drive Suite 2350

City: Chicago State: Illinois Zip Code: 60606

Email: jmartell@logisticspropco

Property Description (per PIN)

If you are applying for more than three different PINs, please submit the additional PIN information in an attachment.

Street Address: (1) 623 East Algonquin Road

Permanent Real Estate Index Number: 02-33-401-024/-025

(2) _____

Permanent Real Estate Index Number: Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

(3) _____

Permanent Real Estate Index Number: _____

City: Palatine State: IL Zip Code: 60173

Township: Palatine Existing Class: Class 100 & 239

Attach legal description, site dimensions and square footage and building dimensions and square footage.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Identification of Person Having an Interest in the Property

Attach a complete list of all owners, developers, occupants and other interested parties *(including all beneficial owners of a land trust)* identified by names and addresses, and the nature and extent of their interest.

Industrial Use

Attach a detail description of the precise nature and extent of the intended use of the subject property, specifying in the case of the multiple uses the relative percentages of each use.

Include copies of materials, which explain the occupant's business, including corporate letterhead, brochures, advertising material, leases, photographs, etc.

Nature of Development

Indicate nature of proposed development by checking the appropriate space:

- [X] New Construction **(Read and Complete Section A)**
- [X] Substantial Rehabilitation **(Read and Complete Section A)**
  Incentive only applied to the market value attributable to the rehabilitation
- [ ] Occupation of Abandoned Property - No Special Circumstance
  (Read and Complete Section B)
- [ ] Occupation of Abandoned Property - With Special Circumstance
  (Read and Complete Section C)
- [ ] Occupation of Abandoned Property - **(TEERM Supplemental Application)**
  (Read and Complete Section C)
- [ ] Occupation of Abandoned Property - **(CEERM Supplemental Application)**
  (Read and Complete Section C)

SECTION A (NEW CONSTRUCTION/SUBSTANTIAL REHABILITATION)

If the proposed development consists of *New Construction* or *Substantial Rehabilitation*, provide the following information:

Estimated date of construction commencement *(excluding demolition, if any)*: Q2 2022

Estimated date of construction completion: Q4 2022/Q1 2023

Attach copies of the following:

1. Specific description of the proposed *New Construction* or *Substantial Rehabilitation*
2. Current Plat of Survey for subject property
3. 1st floor plan or schematic drawings
4. Building permits, wrecking permits and occupancy permits *(including date of issuance)*
5. Complete description of the cost and extent of the *Substantial Rehabilitation* or *New Construction (including such items as contracts, itemized statements of all direct and indirect costs, contractor's affidavits, etc)*

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

SECTION B (ABANDONED PROPERTY WITH NO SPECIAL CIRCUMSTANCE)

If the proposed development consists of the reoccupation of abandoned property, purchased for value, complete (1) and (2) below:

1. Was the subject property vacant and unused for at least 24 continuous months prior to the purchase for value?

   [ ] YES [ ] NO

   When and by whom was the subject property last occupied prior to the purchase for value?

   _____

   _____

   Attach copies of the following documents:

   (a) Sworn statements from person having personal knowledge attesting to the fact and the duration of vacancy and abandonment

   (b) Information *(such as statements of utility companies)* which demonstrate that the property was vacant and unused and indicate duration of such vacancy

2. Application must be made to the Assessor prior to occupation:

   Estimated date of reoccupation: _____
   Date of Purchase: _____
   Name of purchaser: _____
   Name of seller: _____
   Relationship of purchaser to seller: _____

   Attach copies of the following documents:

   (a) Sale Contract
   (b) Closing Statement
   (c) Recorded Deed
   (d) Assignment of Beneficial Interest
   (e) Real Estate Transfer Declaration

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

SECTION C (SPECIAL CIRCUMSTANCES)

If the applicant is seeking special circumstances to establish that the property was abandoned for purposes of the Incentive where there was a **purchase for value**, but the period of ***abandonment prior to purchase was less than 24 months***, complete section (1).

If the applicant is seeking special circumstances to establish that the property was abandoned for purposes of the Incentive where there was **no purchase for value**, but the period of **abandonment prior to the application 24 continuous months or greater**, complete section (2).

If the applicant is seeking special circumstances to establish that the property was abandoned for purposes of the Incentive where there was **no purchase for value**, but the period of **abandonment prior to the application was greater than 12 continuous months and less than 24 continuous month**, complete section (2) and the **TEERM Supplemental Application**.

If the applicant is seeking special circumstances to establish that the property was abandoned for purposes of the Incentive where there was **no purchase for value**, but the period of **abandonment prior to the application was greater than 3 continuous months and applicant will create or maintain at least 250 jobs for employees at the subject location**, complete section (2) and the **CEERM Supplemental Application**.

1. How long was the period of abandonment prior to the purchase for value? _____

   When and by whom was the subject property last occupied prior to the purchase for value?

   _____

   _____

   Attach copies of the following documents:

   (a) Sworn statements from persons having personal knowledge attesting to the fact and the duration of the vacancy and abandonment

   (b) Information *(such as statements of utility companies)* which demonstrate that the property was vacant and unused and indicate duration of vacancy

   (c) Include the finding of special circumstances supporting "abandonment" as determined by the municipality, or the County Board, if located in an unincorporated area. *Also include the ordinance or resolution from the Board of Commissioners of Cook County stating its approval for less than 24-month abandonment period.*

   Application must be made to the Assessor prior to the commencement of reoccupation of the abandoned property.

   Estimated date of Reoccupation: _____
   Date of purchase: _____
   Name of purchaser: _____
   Name of seller: _____
   Relationship of purchaser to seller: _____

   Attach copies of the following documents:

   (a) Sale Contract
   (b) Closing Statement
   (c) Recorded Deed
   (d) Assignment of Beneficial Interest
   (e) Real Estate Transfer Declaration

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

2. How long has the subject property been unused?

[ ] 24 or greater continuous months *(Eligible for Special Circumstance)*

[ ] 12 continuous months but less than 24 continuous months *(Eligible for Special Circumstance under TEERM)* - **Complete TEERM Supplemental Application**

[ ] 3 continuous months and maintain/create 250 employee jobs (*Eligible for Special Circumstance under CEERM)* - **Complete CEERM Supplemental Application**

[ ] **Not Eligible for Special Circumstance if No purchase and less than 12 continuous months vacant, or not a CEERM**

When and by whom was the subject property last occupied prior to the filing of this application?

_____

_____

Attach copies of the following documents:

(a) Sworn statements from persons having personal knowledge attesting to the fact and the duration of the vacancy and abandonment

(b) Information *(such as statements of utility companies)* which demonstrate that the property was vacant and unused and indicate duration of vacancy

(c) Include the finding of special circumstances supporting "abandonment" as determined by the municipality, or the County Board, if located in an unincorporated area. Also include the ordinance or resolution from the Board of Commissioners of Cook County stating its approval for lack of a purchase for value.

Application must be made to Assessor prior to the commencement of reoccupation of the abandoned property.

Estimated date of reoccupation: _____

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

TEERM SUPPLEMENTAL APPLICATION

(This form will ONLY be utilized for applicants who specifically elect for TEERM)

This supplemental eligibility application is for properties that have been abandoned (due to special circumstances) for at least 12 continuous months and less than 24 continuous months with no purchase taking place.

*Under the **TEERM** Program, qualifying industrial real estate would be eligible for the Class 6B level of assessment from the date of substantial re-occupancy of the abandoned property. Properties receiving Class 6B will be assessed at 10% of market value for the first 10 years, 15% in the 11th year and 20% in the 12th year. **The terms of this program are Not Renewable.***

I _____ applicant/representative hereby specifically elect to submit this **Supplemental Application** for the **TEERM** program.

Further affiant sayeth not.

_____ _____

Agent's Signature | Agent's Name & Title

_____ _____

Agent's Mailing Address | Agent's Telephone Number

_____ _____

Applicant's Name | Applicant's Mailing Address

_____

Applicant's e-mail address

Subscribed and sworn before me this _____ day of _____, 20 _____

_____

Signature of Notary Public

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

CEERM SUPPLEMENTAL APPLICATION

(This form will ONLY be utilized for applicants who specifically elect for CEERM)

This supplemental eligibility application is for properties that have been abandoned (due to special circumstances) where there has been no purchase for value and the buildings and other structures have been vacant and unused for at least three continuous months and applicant has provided sufficient documentation to establish that such applicant will create or maintain at least 250 jobs for employees at the subject location.

The CEERM Program shall be limited to the party who is the initial applicant of the Class 6B Incentive under the CEERM Program and the subject of the municipal Resolution or Ordinance.

*Under the **CEERM** Program, qualifying industrial real estate would be eligible for the Class 6B level of assessment from the date of substantial re-occupancy of the abandoned property. Properties receiving the Class 6B will be assessed at 10% of market value for the first 10 years, 15% in the 11th year and 20% in the 12th year.* ***The terms of this program are Not Renewable.***

I _____ applicant/representative hereby specifically elect to submit this **Supplemental Application** for the **CEERM** program.

Further affiant sayeth not.

_____ Agent's Signature

_____ Agent's Name & Title

_____ Agent's Mailing Address

_____ Agent's Telephone Number

_____ Applicant's Name

_____ Applicant's Mailing Address

_____ Applicant's e-mail address

Subscribed and sworn before me this _____ day of _____, 20 _____

_____ Signature of Notary Public

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EMPLOYMENT OPPORTUNITIES

How many construction jobs will be created or maintained as a result of this development? Approx 100

How many new permanent full-time and part-time employees do you now employ in Cook County?

Full-time: N/A Part-time: N/A

How many new permanent part-time jobs will be created as a result of this proposed development?

TBD

How many new permanent full-time jobs will be created as a result of this proposed development?

Approx. 110 (Depending on user)

LOCAL APPROVAL

A certified copy of a resolution or ordinance from the municipality in which the real estate is located *(or the County Board, if the real estate is located in an unincorporated area)* should accompany this Application. *The ordinance or resolution must expressly state that the municipality supports and consents to this Class 6B Application and that it finds Class 6B necessary for development to occur on the subject property.* If a resolution is unavailable at the time the application is filed, a letter from the municipality or the County Board, as the case may be, stating that a resolution or ordinance supporting the incentive has been requested may be filed with this application instead. If the applicant is seeking to apply based on the reoccupation of abandoned property and will be seeking a finding of "special circumstances" from the municipality, in addition to obtaining a letter from the municipality confirming that a resolution or ordinance supporting the incentive has been requested, the applicant must file a letter from the County Board confirming that a resolution validating a municipal finding of special circumstances has been requested. If, at a later date, the municipality or the County Board denies the applicant's request for a resolution or ordinance, the applicant will be deemed ineligible for the Class 6B incentive, whether or not construction has begun. In all circumstances, the resolution must be submitted by the time the applicant files an "Incentive Appeal".

I, the undersigned, certify that I have read this Application and that the statements set forth in this Application and in the attachments hereto are true and correct, except as those matters stated to be on information and belief and as to such matters the undersigned certifies that he/she believes the same to be true.

Aaron Martell
Signature

10/6/21
Date

Aaron Martell
Print Name

Executive Vice President
Title

03/05/2021

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EDS AFFIDAVIT

I, Aaron Martell, in my capacity as an Executive Vice President of Logistics Property Company, LLC, being the sole member and Managing Member of LPC Acquisition Company, LLC, as agent for LPC Acquisition Company, LLC (the "Applicant"), do hereby certify that it would attest to the following facts as required by Sections 74-46 and 74-62 through 74-73 of the Cook County Code if called to testify:

1. That I am a duly authorized agent for Applicant, who is the contract purchaser of the property located at located at 623 E. Algonquin Road, Schaumburg, Illinois 60173 (PINs: 02-33-401-024/-025 & a portion of 02-33-400-004, 02-33-401-026 and 02-33-401-027) (the "Subject Property").

2. Applicant does not own any other property in Cook County.

3. Applicant's ownership is as follows:

   Logistics Property Company, LLC – Sole Member
   100% 1 N. Wacker Drive, Suite 1925
   Chicago, IL 60606

4. To my knowledge and after reviewing the Applicant's records, Applicant is not delinquent in the payment of any property taxes administered by Cook County or by a local municipality.

Further Affiant Sayeth Not

Aaron Martell
Executive Vice President of Logistics Property Company, LLC, being the sole member and Managing Member of LPC Acquisition Company, LLC

Date: 10.20.21

Subscribed and sworn before me
This 20th day of Oct., 2021

Signature of Notary Public

JEANNE SOK
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
September 30, 2024

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Legal Description, Site and Building Square Footage

623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025
Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

The Subject Property currently consists of 3,965,376 square feet of vacant land. LPC Acquisition Company, LLC (the "Applicant") intends on constructing a 367,696 square foot industrial building on a 1,243,953 site on a speculative basis for lease to a suitable industrial user(s). Please see the attached "Site Plan" for reference. The Applicant does not yet have a tenant for the Subject Property, but plans to lease the proposed facility to one or more industrial users. The Subject Property will be constructed for a warehouse/ distribution type use with parking spaces for 350+ employees. The new facility will face East and will feature 60 truck doors, two drive-in doors, and 36' clear height. The facility will include a total of 363 parking stalls to the West of the building and 70 trailer parking stalls to the East. As part of the construction, the Applicant will also be required to install a new detention pond to the East of the car parking stalls.

Attached hereto please find:

- Legal description
- Aerial of Subject Property
- Street View of the Subject Property
- Survey
- Site Plan
- Brochure

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Survey Legal Description

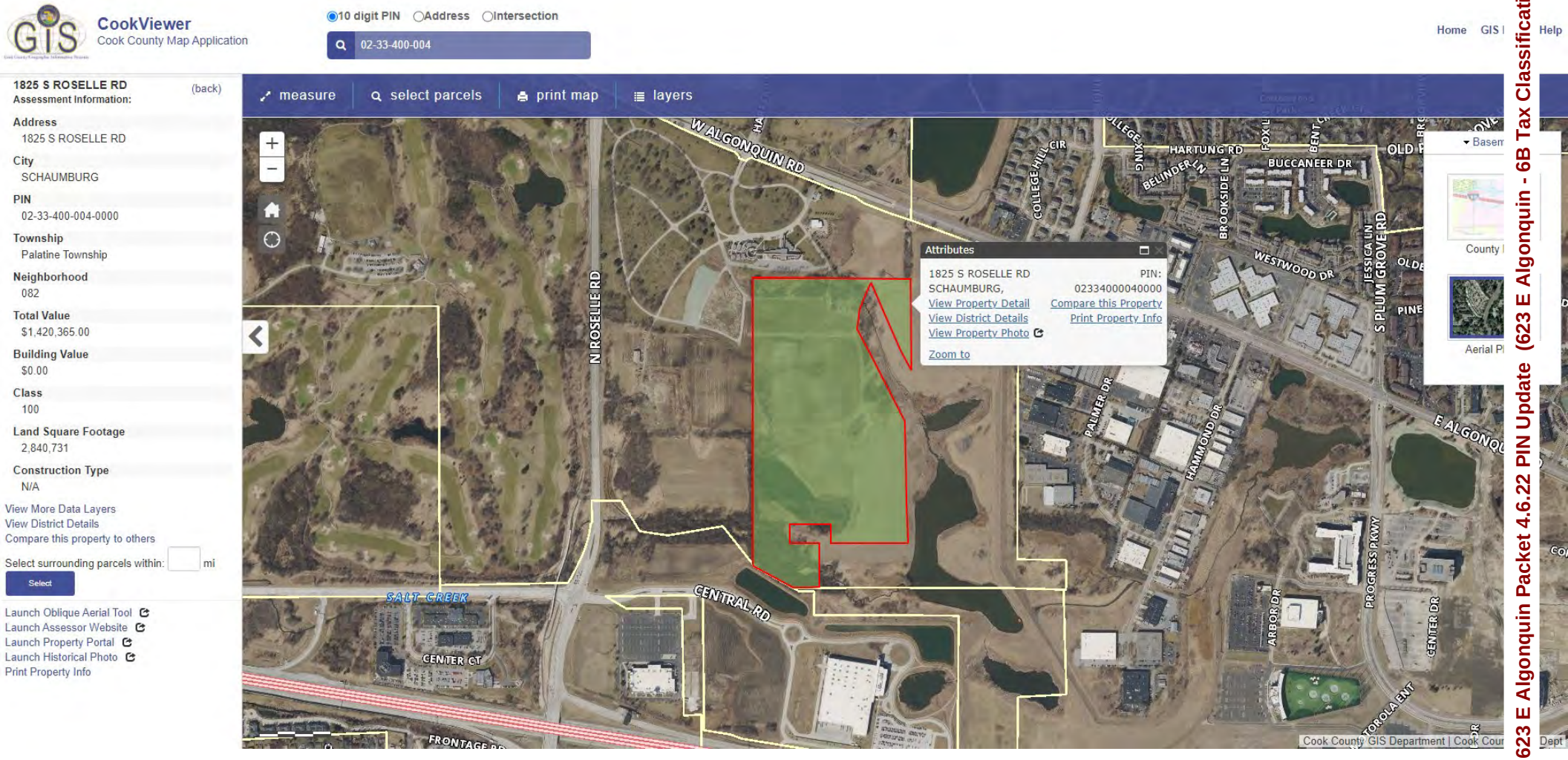
623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025
Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

ALTA/NSPS LAND TITLE SURVEY OF

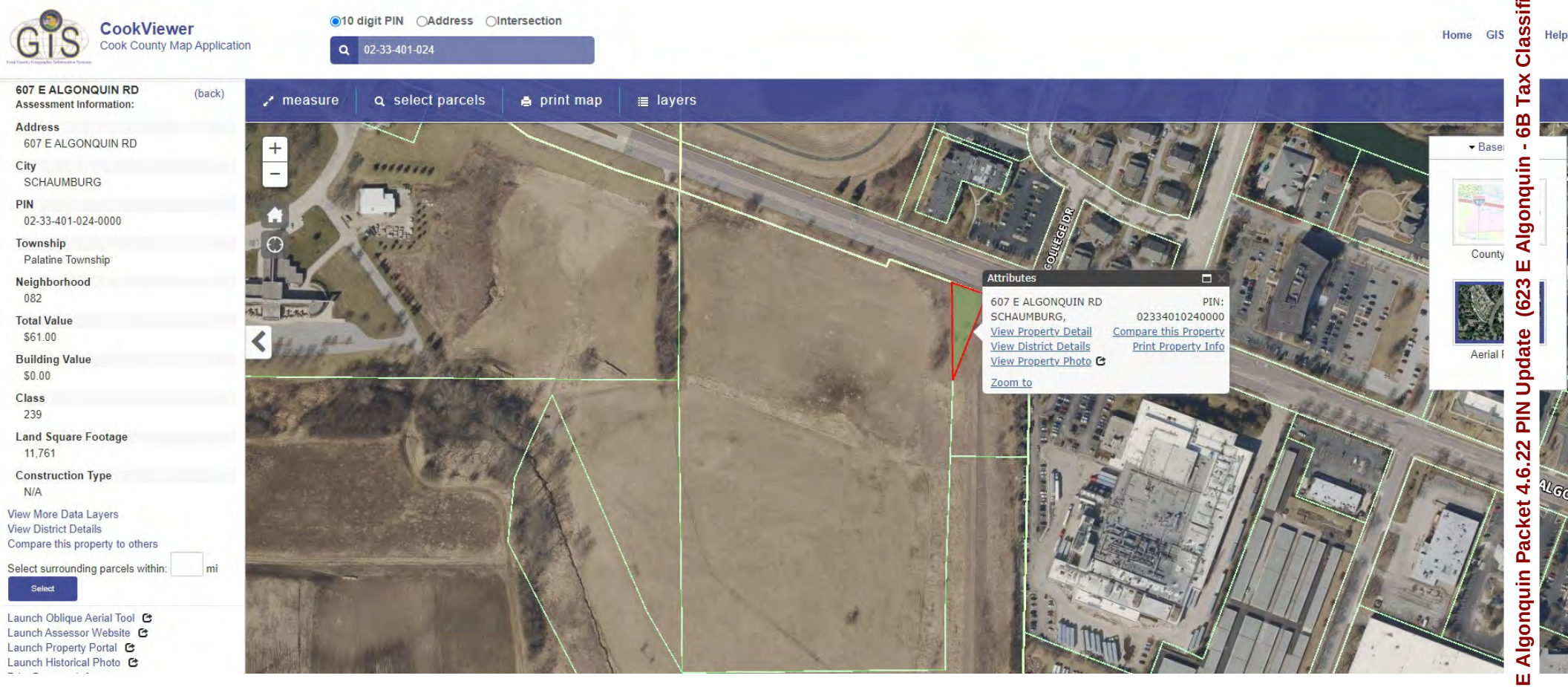
THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, BEING BOUNDED AS FOLLOWS:

COMMENCING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933 AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS - ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 120.00 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE CONTINUING NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 254.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 766.77 FEET; THENCE NORTH 00 DEGREES 33 MINUTES 31 SECONDS EAST 958.64 FEET; THENCE NORTH 21 DEGREES 22 MINUTES 17 SECONDS EAST 118.78 FEET TO THE POINT OF BEGINNING, CONTAINING 24.798 ACRES, MORE OR LESS.

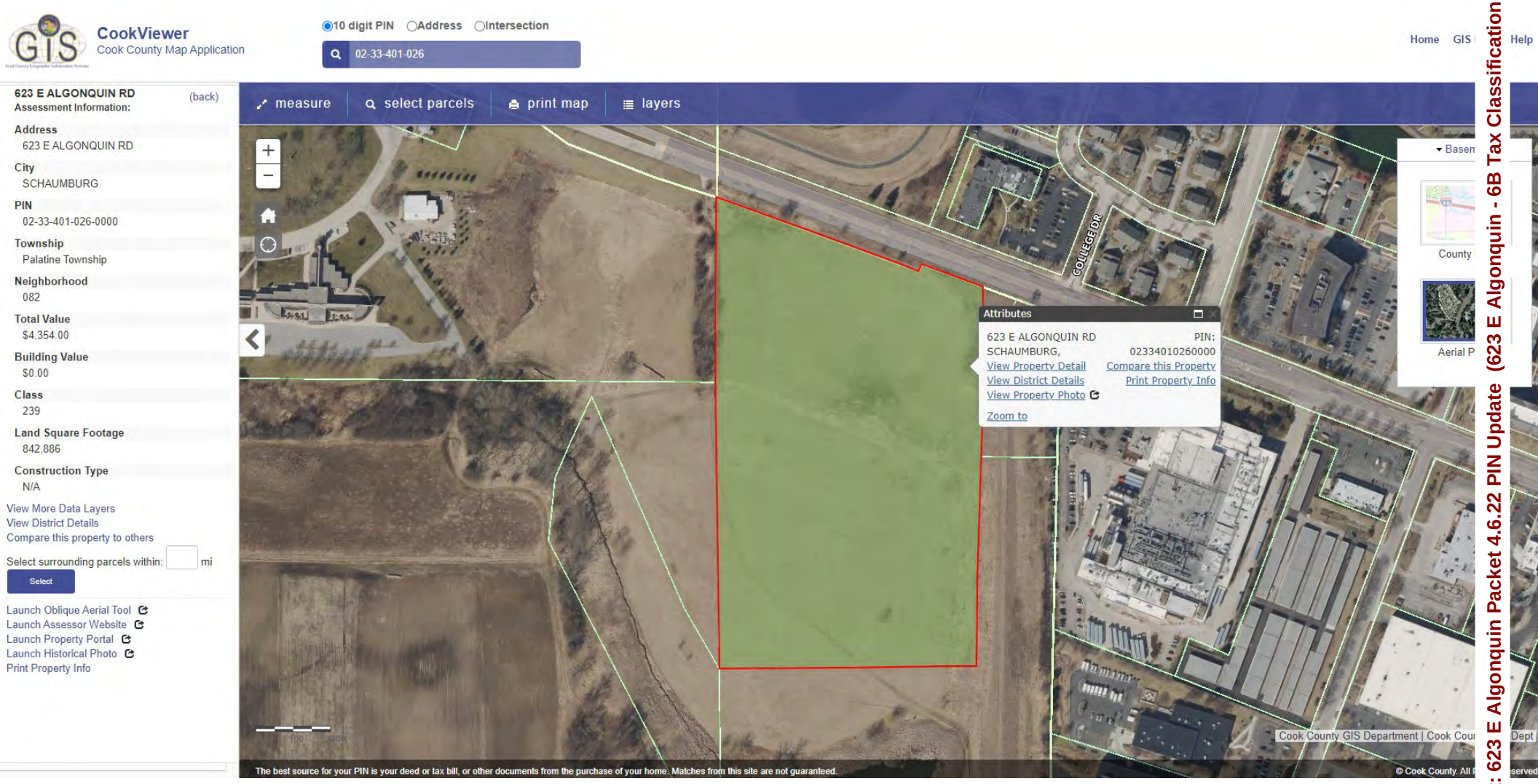
Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)



Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)



Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)



Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Google
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Google
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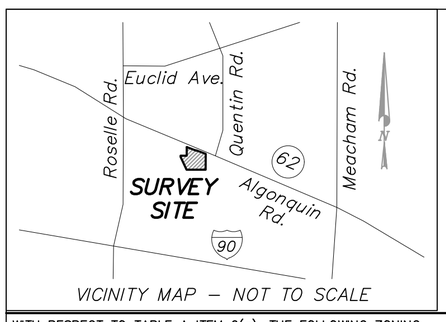
ALTA/NSPS LAND TITLE SURVEY

OF

THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, BEING BOUNDED AS FOLLOWS:

BEGINNING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933, AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS – ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 374.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 926.96 FEET TO A POINT ON THE WESTERN LINE OF LOT 1 IN BRIESKE'S RESUBDIVISION IN SCHAUMBURG ACCORDING TO THE PLAT THEREOF RECORDED MAY 16, 1978, AS DOCUMENT NUMBER 24449403 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LYING ON A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 00 DEGREES 15 MINUTES 52 SECONDS EAST ALONG THE WESTERN LINE OF LOT 1 IN SAID BRIESKE'S RESUBDIVISION AND ALSO ALONG THE WESTERN LINE OF LOT 1 IN THE AFORESAID NATION PIZZA SUBDIVISION 1,028.18 FEET TO THE POINT OF BEGINNING, CONTAINING 28.557 ACRES, MORE OR LESS.



VICINITY MAP – NOT TO SCALE

WITH RESPECT TO TABLE A ITEM 6(a), THE FOLLOWING ZONING INFORMATION WAS SUPPLIED TO THE SURVEYOR BY LOGISTICS PROPERTY COMPANY ON MARCH 2, 2022. PER LOGISTICS PROPERTY COMPANY, THE SUBJECT PROPERTY IS CURRENTLY UNDERGOING A REZONING PROCESS TO ZONE THE PROPERTY AS M – MANUFACTURING DISTRICT THAT SHOULD BE COMPLETED IN MID APRIL 2022. THE INFORMATION BELOW COMES FROM PAGE A-124 ARTICLE XII (MANUFACTURING DISTRICTS) OF THE VILLAGE OF PALATINE ZONING ORDINANCE:

PER SECTION (J) MINIMUM LOT WIDTH: NONE.
PER SECTION (K) MAXIMUM FLOOR AREA RATIO: 0.70
PER SECTION (L) MINIMUM SETBACKS:
(1) FRONT: THIRTY (30) FEET.
(2) REAR: FIFTEEN (15) FEET.
(3) SIDE: FIFTEEN (15) FEET.
(4) SIDE ABUTTING STREET: THIRTY (30) FEET.
PER SECTION (M) MAXIMUM BUILDING HEIGHT:
(1) LOT ABUTTING SINGLE-FAMILY RESIDENTIAL DISTRICT: THREE STORIES, NOT TO EXCEED FORTY-FIVE (45) FEET.
(2) ALL OTHER LOTS: FOUR STORIES, NOT TO EXCEED SIXTY (60) FEET.

FOR TABLE A ITEM 6(b), SEE DRAWING FOR DEPICTION OF THESE SETBACK LINES PER THIS INFORMATION.

LEGEND

- Borehole
- Culvert
- Drainage Structure Round
- Drainage Structure Square
- Electric Transformer
- Fire Hydrant
- Flared End Section
- Guy Wire
- Landscape Light
- Light Pole
- Light Pole (Mast Arm)
- Manhole
- Post, Fence Corner
- Bollard
- Power Pole
- Power Pole Lighted
- Sanitary Sewer Manhole
- Sign
- Storm Sewer Manhole
- Telephone Manhole
- Telephone Pedestal
- Traffic Signal
- Traffic Signal Cantilever
- Traffic Signal Vault
- Water Valve
- Water Valve Vault
- Concrete curb
- Depressed curb
- OHE — Overhead Electric Line
- E — E — Underground Electric Line
- OHW — Overhead Wires
- FO — FO — Underground Fiber Optics Cable
- G — G — Underground Gas Main
- Sanitary Sewer
- T — T — Underground Telephone Line
- W — W — Underground Water Main
- X — X — Fence Line
- Guardrail

ASPH.	DENOTES ASPHALT	NLY.	DENOTES NORTHERLY
DOC.	DENOTES DOCUMENT	RD.	DENOTES ROAD
E.	DENOTES EAST	R.O.W.	DENOTES RIGHT OF WAY
F.I.P.	DENOTES FOUND IRON PIPE	S.	DENOTES SOUTH
F.I.R.	DENOTES FOUND IRON ROD	SLY.	DENOTES SOUTHERLY
N.	DENOTES NORTH	W.	DENOTES WEST
NE.	DENOTES NORTHEAST	WLY.	DENOTES WESTERLY
NO.	DENOTES NUMBER	BC/BC	DENOTES BACK OF CURB TO BACK OF CURB

N

0 40' 80' 160'

Scale 1" = 80'

BASIS OF BEARINGS

ILLINOIS STATE PLANE COORDINATES EAST ZONE (NAD 83)

NOTE A: ALGONQUIN ROAD (aka IL ROUTE 62) IS A PUBLIC RIGHT OF WAY AND IS UNDER THE JURISDICTION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SUBJECT PROPERTY HAS DIRECT ACCESS TO ALGONQUIN ROAD (aka IL ROUTE 62), A PUBLIC RIGHT-OF-WAY.

NOTE B: DURING THE PROCESS OF CONDUCTING THE FIELDWORK, NO ABOVE-GROUND VISIBLE EVIDENCE OF THE PERIMETER OF CEMETERIES OR BURIAL GROUNDS OR THE LOCATION OF ISOLATED GRAVESITES NOT WITHIN A CEMETERY OR BURIAL GROUND WAS OBSERVED.

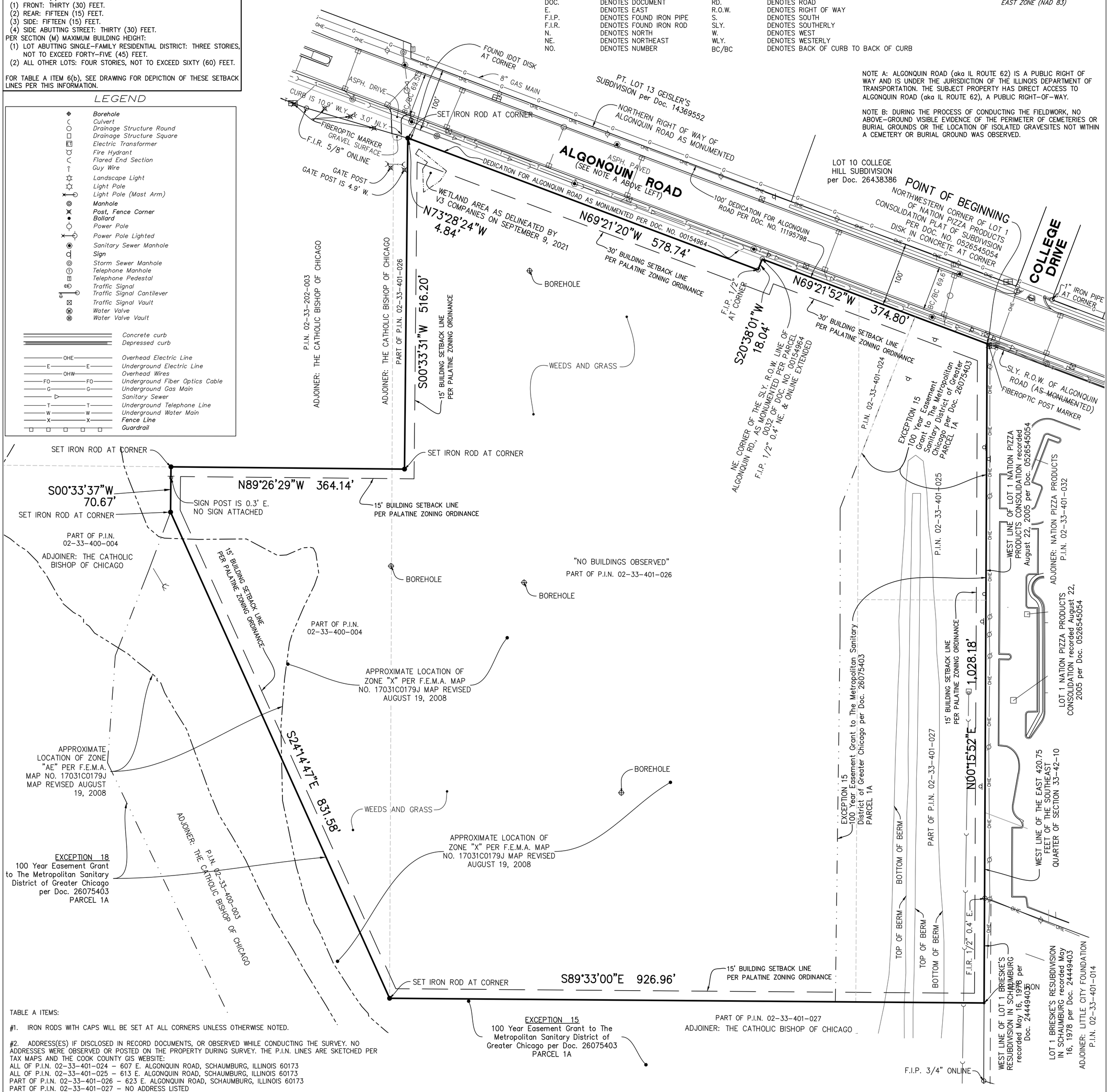


TABLE A ITEMS:

#1. IRON RODS WITH CAPS WILL BE SET AT ALL CORNERS UNLESS OTHERWISE NOTED.

#2. ADDRESS(ES) IF DISCLOSED IN RECORD DOCUMENTS, OR OBSERVED WHILE CONDUCTING THE SURVEY. NO ADDRESSES WERE OBSERVED OR POSTED ON THE PROPERTY DURING SURVEY. THE P.I.N. LINES ARE SKETCHED PER TAX MAPS AND THE COOK COUNTY GIS WEBSITE:
ALL OF P.I.N. 02-33-401-024 – 607 E. ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60173
ALL OF P.I.N. 02-33-401-025 – 613 E. ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60173
PART OF P.I.N. 02-33-401-026 – 623 E. ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60173
PART OF P.I.N. 02-33-401-027 – NO ADDRESS LISTED
PART OF P.I.N. 02-33-400-004 – 1825 S. ROSELLE ROAD, SCHAUMBURG, ILLINOIS 60173.
ACCORDING TO A LETTER ADDRESSED TO LOGISTICS PROPERTY COMPANY, DATED MARCH 17, 2022, FROM THE VILLAGE OF PALATINE FIRE PREVENTION DIVISION, THE NEW ADDRESS FOR THE NEW BUILDING WILL BE 975 W. ALGONQUIN RD.

#3. ACCORDING TO A SCALED INTERPRETATION OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR COOK COUNTY, ILLINOIS, AND INCORPORATED AREAS, HAVING MAP NUMBER 17031C0179J WITH AN EFFECTIVE DATE OF NOVEMBER 6, 2000, AND A MAP REVISED DATE OF AUGUST 19, 2008, THE MAJORITY OF THE SUBJECT PROPERTY APPEARS TO BE LOCATED IN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AND A SMALL PORTION IN THE WESTERN PART OF THE SUBJECT TRACT FALLS WITHIN ZONE AE – BASE FLOOD ELEVATIONS DETERMINED (SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD), AS SHOWN.

#4. SUBJECT TRACT = 1,243,953 SQ. FT. OR 28.557 ACRES±.

#9. MARKED PARKING SPACES: NO VISIBLE MARKED PARKING SPACES WERE OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.

#11(a). ABOVE GROUND VISIBLE EVIDENCE OF UNDERGROUND UTILITIES ARE SHOWN ON THE SURVEY. NO UNDERGROUND UTILITY INVESTIGATIONS WERE PERFORMED. THE FOLLOWING PLANS AND/OR REPORTS WERE USED FOR REFERENCE:
1) RESPONSES FROM J.U.L.I.E. LOCATE REQUEST MEMBERS: COMMONWEALTH EDISON, WIDE OPEN WEST, AT&T DISTRIBUTION, COMCAST, NW SUB. MUNIC. J-ACTION WATER, WINDSTREAM KDL/MCLEOD USA, LEVEL 3 (CENTURYLINK), MCI/VERIZON, METROPOLITAN WATER RECLAMATION DISTRICT OF CHICAGO, NICOR GAS, VILLAGE OF SCHAUMBURG, SPRINT, AND USIC LOCATING SERVICES;
2) METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO UTILITY ATLAS, DATED APRIL 2016;
3) VILLAGE OF SCHAUMBURG UTILITY ATLAS, DATED AUGUST 2021.

#14. THE NORTHEAST CORNER OF THE SUBJECT PROPERTY IS APPROXIMATELY 45 FEET WEST OF THE INTERSECTION OF ALGONQUIN ROAD AND COLLEGE DRIVE.

#16. DURING THE PROCESS OF CONDUCTING THE FIELDWORK, THERE WAS NO OBSERVED EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS.

#17. THE SURVEYOR IS NOT AWARE OF ANY PROPOSED CHANGES IN STREET RIGHT OF WAY LINES. DURING THE PROCESS OF CONDUCTING THE FIELDWORK, THERE WAS NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.

#18. NO OFFSITE EASEMENTS WERE PROVIDED FOR REVIEW TO BE SURVEYED OR SHOWN.

Survey No.:	F 0 7 6 a		
Ordered By.:	LOGISTICS PROPERTY COMPANY		
Description:	ALTA/NSPS Land Title Survey		
Date Prepared:	September 20, 2021		
Scale:	1" = 80'	Field Work:	MB/KW/SC/ES
		Prepared By:	LB/TGW

REVISED: 03-17-22 – PER UPDATED TITLE COMMITMENT
REVISED: 03-02-22 – PER PROVIDED ZONING INFORMATION
REVISED: 12-19-21 – PER LENDER COMMENTS
REVISED: 11-29-21 ADDED PARTY TO CERTIFICATE
REVISED: 10-29-21 – PER REVISED TITLE COMMITMENT
REVISED: 10-21-21 – REVISED SHAPE OF SURVEY
REVISED: 09-29-21 – PER CLIENT COMMENTS

H:\F\F076\F076a\S\Dwg\ALTA\F076aALTA.dwg

THIS ALTA/NSPS LAND TITLE SURVEY IS BASED ON THE CHICAGO TITLE INSURANCE COMPANY COMMITMENT FOR TITLE INSURANCE HAVING COMMITMENT NUMBER CCHI2105064LD WITH A COMMITMENT DATE OF FEBRUARY 2, 2022, AND PRINTED MARCH 17, 2022. THE SUBJECT TRACT IS COMPOSED OF ALL OF P.I.N. 02-33-401-024, ALL OF P.I.N. 02-33-401-025, PART OF P.I.N. 02-33-401-026, PART OF P.I.N. 02-33-401-027 AND PART OF P.I.N. 02-33-400-004.

EXCEPTION 15: SEE 100 YEAR EASEMENT GRANT RECORDED DECEMBER 2, 1981, AS DOCUMENT NO. 26075403 FOR A FLOOD CONTROL EASEMENT AFFECTING THE EASTERN PORTION OF THE SUBJECT TRACT AND ADDITIONAL LANDS, AS SHOWN. SEE DOCUMENT FOR PARTICULARS.

EXCEPTION 16: SEE ORDINANCE NO. O-73-20 RECORDED NOVEMBER 10, 2020, AS DOCUMENT NO. 2031516044 FOR TERMS AND PROVISIONS REGARDING ANNEXATION OF TERRITORY TO THE VILLAGE OF PALATINE. THE ANNEXED PROPERTY IS ALL OF THE SUBJECT TRACT AND ADDITIONAL LANDS. NOT PLOTTABLE. BLANKET IN NATURE. SEE DOCUMENT FOR PARTICULARS.
SEE AFFIDAVIT OF SERVICE NOVEMBER 10, 2020, AS DOCUMENT NO. 2031516045 FOR TERMS AND PROVISIONS REGARDING THE SUBJECT TRACT AND ADDITIONAL LANDS. THE LEGAL DESCRIPTION CONTAINED THEREIN IS THE SAME AS THE ONE IN THE ORDINANCE ABOVE. NOT PLOTTABLE. BLANKET IN NATURE.

EXCEPTION 17: SEE SPECIAL WARRANTY DEED RECORDED DECEMBER 23, 2021, AS DOCUMENT NO. 2135728056 FOR USE RESTRICTIONS ON THE SUBJECT TRACT. THE DESCRIPTION IN EXHIBIT "A" OF THIS DOCUMENT IS THE SAME AS THE SUBJECT TRACT. NOT PLOTTABLE. BLANKET IN NATURE. SEE DOCUMENT FOR PARTICULARS.

STATE OF ILLINOIS)
) SS
COUNTY OF DUPAGE)

TO: LPC Acquisition Company, LLC, a Delaware limited liability company; AND
Logistics Property Company, LLC, its successors and assigns; AND
Texas Capital Bank, a Texas state bank, as administrative agent, its successor, assigns and any participant(s), if any, in the credit facility(ies) extended by the Bank; AND
LPC Palatine I, LP, a Delaware limited partnership; AND
Chicago Title Insurance Company:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(a), 6(b), 8, 9, 11(a), 13, 14, 16, 17, 18 AND 19 OF TABLE A THEREOF.

THE FIELD WORK WAS COMPLETED ON SEPTEMBER 10, 2021.

DATED THIS 17th DAY OF MARCH IN THE YEAR 2022.

_____

Timothy G. Wolfe
Illinois Professional Land Surveyor No. 035-003535
jacobandhefner.com
twolfe@jacobandhefner.com
My License Expires November 30, 2022

TIMOTHY G WOLFE
035-003535
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
DOWNERS GROVE

JACOB & HEFNER ASSOCIATES
1333 Butterfield Road, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com
Illinois Professional Design Firm
License No. 184-003073 Exp. 4/30/23

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

H:\F\F076\F076a\E\Dwg\Final\Exhibits\Expanded Building Base\F076a-IDOT Base-SP4.dwg

SP-4	F076a	1"=80'

JACOB & HEFNER ASSOCIATES
1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515
PHONE: (630) 652-4600, FAX: (630) 652-4601
www.jacobandhefner.com

SITE PLAN
623 E.ALGONQUIN ROAD
LOGISTICS PROPERTY COMPANY
PALATINE, ILLINOIS

No.	Description	Date
1	ORIGINAL EXHIBIT DATE	2/10/22

6A.1.B.c

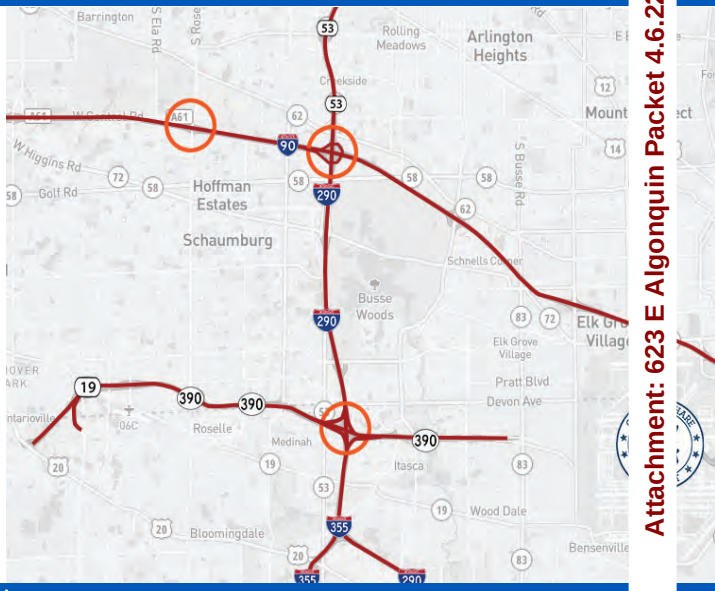
LOGISTICS® PROPERTY CO

PALATINE 90 LOGISTICS CENTER

Algonquin Road and College Drive, Palatine, IL 60173

367,696 SF • AVAILABLE EARLY 2023

- 28.5 acres
- 367,696 sf building
- 363 car parking stalls
- 36’ clear height
- 60 exterior dock doors
- 2 overhead drive-in doors
- 70 trailer stalls
- Largest building in the area >300,000 sf
- 1 mile to I-90/290 Interchange towards I-355
- 14 miles to O’Hare International Airport



Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

DARWIN REALTY
CORFAC International

Darwin Realty
970 North Oaklawn Avenue
Elmhurst, IL 60126

Todd Hendricks
+1 630 993 3856 • thendricks@darwinrealty.com

Jeffrey Provenza
+1 630 993 3858 • jprovenza@d

LOGISTICS® PROPERTY CO

PALATINE 90 LOGISTICS CENTER

Algonquin Road and College Drive, Palatine, IL 60173

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

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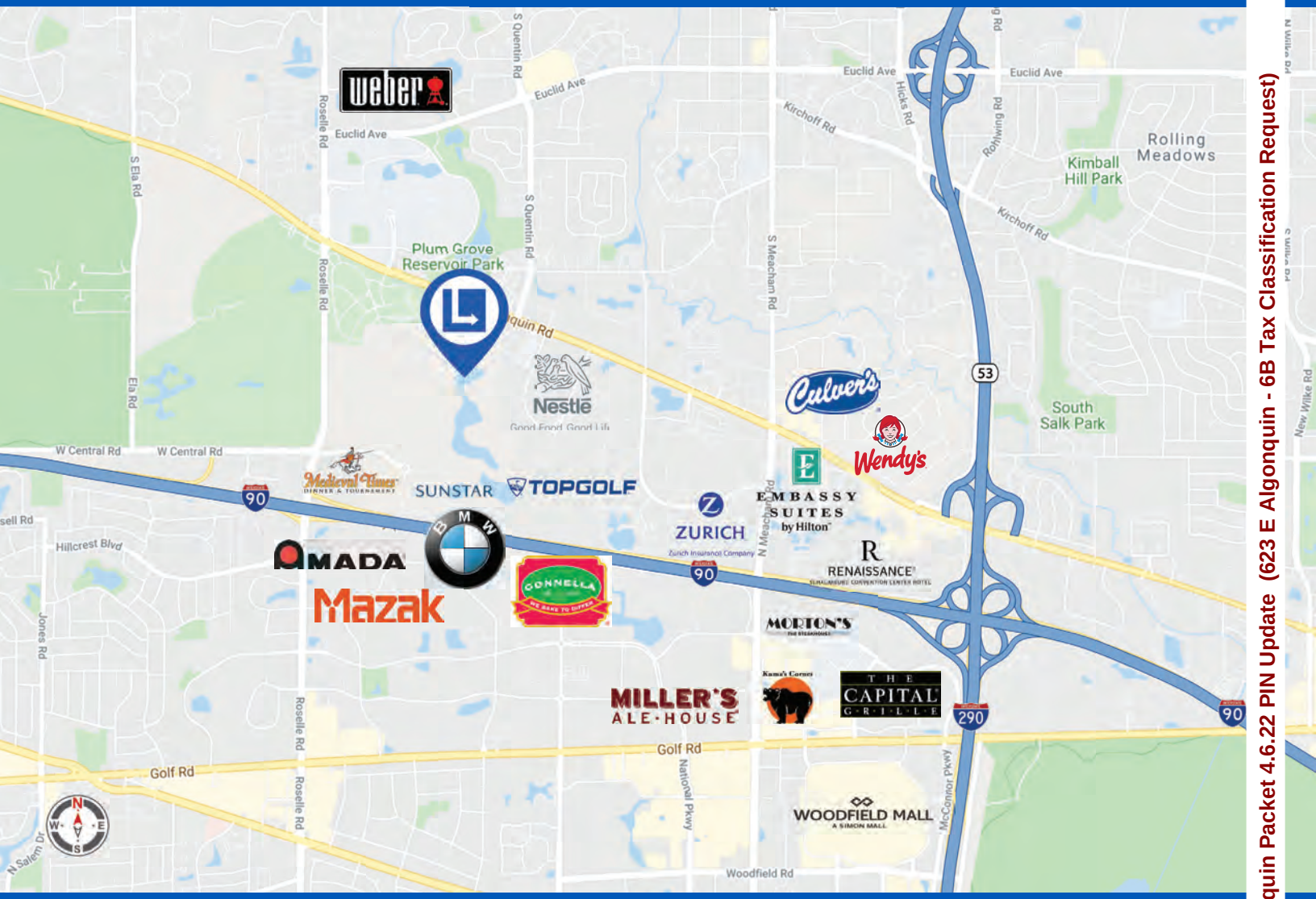

CORPORATE NEIGHBORS & TRAVEL TIMES

O'Hare International Airport	14 miles | 17 minutes
Downtown Chicago	29 miles | 43 minutes
Midway Airport	33 miles | 55 minutes
Rockford Airport	61 miles | 56 minutes

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LOGISTICS PROPERTY CO

About Us

Our Story

Logistics Property Company, LLC (LPC) was founded in January 2018 by Chief Executive Officer James Martell, former President and Founder of Ridge Development (Ridge), along with several former Ridge executives including Dennis Rice, Aaron Martell, Kent Newsom and Bill Peltin, with backing from MIRA Real Estate – part of Macquarie Infrastructure and Real Assets (MIRA), one of the world's leading alternative asset managers. LPC is led by a diverse and seasoned management team that averages more than 25 years of experience and has developed in excess of 125 million square feet of logistics buildings since it began in 1995.

About Logistics Property Company, LLC (LPC)

LPC is an industrial real estate company focused on the acquisition, development and management of modern logistics properties in key North American markets. The management team of LPC partnered with MIRA Real Estate – part of Macquarie Infrastructure and Real Assets (MIRA) – on the formation of the platform. LPC is developing properties in key logistics markets

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

including Atlanta, Chicago, Dallas, Houston, Kenosha, Mount Pocono, Philadelphia, New Jersey and Seattle-Tacoma with an estimated end value of more than $2 billion. Headquartered in Chicago, LPC has offices in Atlanta, Baltimore-Washington, Dallas, Houston, Los Angeles and Seattle. For further information, please visit logisticspropco.com and follow @logisticspropco.

About MIRA Real Estate

MIRA Real Estate is a global real estate manager and investor with an extensive network and capability across listed and unlisted funds, asset management, real estate platform and direct investment and private capital markets transactions services. MIRA Real Estate has a global network of over 210 people in 24 markets and, as at March 31, 2020, managed assets of over $17 billion (including proportionate share of investee real estate platforms) across a portfolio of more than 500 office, logistics, retail, and residential assets.

MIRA Real Estate is part of Macquarie Infrastructure and Real Assets (MIRA), one of the world's leading alternative asset managers. As March 31, 2020, MIRA managed $132 billion in assets, including over 150 portfolio businesses, approximately 500 properties and 4.8 million hectares of farmland.

None of the entities noted in this content is an authorized deposit-taking institution for the purposes of the Banking Act 1959 (Commonwealth of Australia). The obligations of these entities do not represent deposits or other liabilities of Macquarie Bank Limited ABN 46 008 583 542 (MBL). MBL does not guarantee or otherwise provide assurance in respect of the obligations of these entities.

Our Mission

Our mission is to be the leader in industrial real estate promoting disciplined investment to ensure optimal outcomes for our people, our community, and our environment.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Our Vision

Together with our capital partners, we aspire to provide modern logistics facilities and optimal occupancy solutions for our customers.

Our DNA

Our values are also known as “Our DNA.” They are the operating philosophies or principles that guide our internal conduct as well as relationships with our customers, partners, and shareholders.

Our culture is built on three principles:

1. EXPERTISE

2. DILIGENCE

3. VALUE

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

. . ARS OF EXPERIENCE OUR TEAM HAS
ON AVERAGE IN THE REAL ESTATE INDUSTRY

MILLION+ TOTAL SQUARE FEET OF AREA
DEVELOPED THROUGHOUT THE UNITED STATES

Atlanta Office

3340 Peachtree Road
Suite 580
Atlanta, GA 30326

+1 404 816 1235

Contact Us

Houston Office

2525 Robinhood Street
Suite 105
Houston, TX 77005

+1 469 706 9100

Contact Us

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Baltimore-Washington Office

14401 Sweitzer Lane
Suite 150
Laurel, MD 20707

+1 301 708 3200

Contact Us

Los Angeles Office

7777 Center Avenue
Suite 690
Huntington Beach, CA 92647

+1 657 215 7830

Contact Us

Chicago Office

One North Wacker Drive
Suite 1925
Chicago, IL 60606

+1 708 667 6940

Contact Us

Seattle Office

508 Yale Avenue North
No. 220
Seattle, WA 98109

+1 657 215 7830

Contact Us

Dallas Office

909 Lake Carolyn Parkway
Suite 775
Irving, TX 75039

+1 469 706 9100

Contact Us

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

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Identification of Persons Having an Interest in the Property

623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025
Portions of PINs: 02-33-400-004 &
02-33-401-026/-027

Applicant: LPC Acquisition Company, LLC

Logistics Property Company, LLC- Sole Shareholder- 100%
1 N. Wacker Drive,
Suite 1925
Chicago, IL 60606

Occupant:

The Applicant does not yet have a tenant for the Subject Property, but plans to lease the proposed facility to one or more industrial users. The Subject Property will be constructed for a warehouse/distribution type use.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF LIMITED PARTNERSHIP OF "LPC REIT 201 MASTER, LP", FILED IN THIS OFFICE ON THE FIRST DAY OF JULY, A.D. 2021, AT 11:39 O`CLOCK A.M.

6051643 8100
SR# 20212604771

Authentication: 203581384
Date: 07-01-21

You may verify this certificate online at corp.delaware.gov/authver.shtml

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

State of Delaware
Secretary of State
Division of Corporations
Delivered 11:39 AM 07/01/2021
FILED 11:39 AM 07/01/2021
SR 20212604771 - File Number 6051643

STATE OF DELAWARE
CERTIFICATE OF LIMITED PARTNERSHIP

- **The Undersigned,** desiring to form a limited partnership pursuant to the Delaware Revised Uniform Limited Partnership Act, 6 Delaware Code, Chapter 17, do hereby certify as follows:

- **First:** The name of the limited partnership is LPC REIT 201 Master, LP.

- **Second:** The address of its registered office in the State of Delaware is 251 Little Falls Drive in the city of Wilmington. Zip code 19808. The name of the Registered Agent at such address is Corporation Service Company.

- **Third:** The name and mailing address of each general partner is as follows:

LPC REIT GP II, LLC
One North Wacker Drive, Suite 1925
Chicago, Illinois 60606

- **In Witness Whereof,** the undersigned has executed this Certificate of Limited Partnership as of the 30th day of June, A.D. 2021.

General Partner:

LPC REIT GP II, LLC

By: Robert T. Heffernan

Robert T. Heffernan, Authorized Person

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Industrial Use:
623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025
Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

Logistics Property Company, LLC is a privately-held commercial real estate development and investment company operating throughout the United States. Logistics Property Company, LLC was founded in January 2018 by Chief Executive Officer James Martell, former President and Founder of Ridge Development (Ridge), along with several former Ridge executives with backing from MIRA Real Estate – part of Macquarie Infrastructure and Real Assets (MIRA), one of the world's leading alternative asset managers.

Logistics Property Company, LLC is led by a diverse and seasoned management team that averages more than 25 years of experience and has developed in excess of 125 million square feet of logistics buildings since it began in 1995. Logistics Property Company, LLC serves as a capital deployment vehicle, as well as a third-party operator for investors and users who are focused on investment-grade development and acquisition opportunities. Through its strategic relationships with both private and institutional debt and equity, the firm focuses on speculative and build-to-suit development, "value-add" acquisition projects, and third-party asset and development management opportunities.

LPC does not yet have a tenant for the Subject Property, but plans to lease the proposed facility to one or more industrial users. The Subject Property will be constructed for a warehouse/distribution type use with parking spaces for 350+ employees. Depending on the ultimate end user, the Applicant expects full time employment number around 110 full time employees upon stabilization. As such, an estimated 110 full time employees would produce approximately $466,125 in annual Village revenue. The Applicant also expects the improvements described below to result in approximately 100 temporary construction jobs.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Employment Opportunities
623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025
Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

The Subject Property currently consists of 3,965,376 square feet of vacant land. LPC Acquisition Company, LLC (the "Applicant") intends on constructing a 367,696 square foot industrial building on a 1,243,953 sq. ft. site on a speculative basis for lease to a suitable industrial user(s). The Applicant does not yet have a tenant for the Subject Property, but plans to lease the proposed facility to one or more industrial users.

The Subject Property will be constructed for a warehouse/distribution type use with parking spaces for 350+ employees. Depending on the ultimate end user, the Applicant expects full time employment number around 110 full time employees upon stabilization. In addition to increased tax revenue, the eventual Occupant's presence will significantly benefit the local community. An estimated 110 full time employees would produce approximately $466,125 in annual Village revenue. The Applicant also expects approximately 100 temporary construction jobs in the improvements that will be brought to the Subject Property. All employees will be compensated in accordance with Cook County's Living Wage, and the Applicant will suggest that the Occupant will give qualified local residents, in Palatine, priority when hiring.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Purchase	Emp.	%	Exp./Week	Weeks	Total
Lunch	110	55%	$55	50	$166,375
Grocery	110	30%	$50	50	$82,500
Consumer Goods	110	25%	$35	50	$48,125
Entertainment	110	15%	$55	50	$45,375
Auto-Gas	110	75%	$30	50	$123,750
TOTAL					**$466,125**

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Potential Growth & Property Improvements

623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025
Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

LPC Acquisition Company, LLC. (the "Applicant" or "LPC") is the title holder of the above referenced property (the "Subject Property"), and is requesting a Resolution from the Village of Palatine supporting and consenting to a Class 6b Tax Incentive for the Subject Property based on New Construction and Substantial Rehabilitation. The Subject Property will be constructed for a warehouse/distribution type use with parking spaces for 350+ employees. The applicant intends on spending approximately $25,760,000 in hard costs to construct the new 367,696 square foot facility and associated detention pond. The new facility will face East and will feature 60 truck doors, two drive-in doors, and 36' clear height. The facility will include a total of 363 parking stalls (to the West of the building and 70 trailer parking stalls to the East. As part of the construction, the Applicant will also be required to install a new detention pond to the East of the car parking stalls.

After the purchase of the property and completion of the facility, the Subject Property is projected to have a market value of approximately $42,830,901, which would generate an estimated $18,498,465 in total taxes over the life of the Class 6b Tax Incentive (approximately $1,370,257 per year). Without the incentive and with full vacancy relief, the Subject Property would generate a total of only $289,234 in total taxes (approximately $24,103 per year) over the life of the incentive. Therefore, should the Class 6b Tax Incentive be approved, the Subject Property would generate an additional **$18,209,232** in real estate taxes over the life of the Class 6b Tax Incentive. Please see the attached "12 Year Tax Comparison Chart" for more details.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

12 Year Tax Estimates

623 E. Algonquin Road
Palatine, IL 60173
PINs: 02-33-401-024/-025
Portions of PINs: 02-33-400-004 & 02-33-401-026/-027

Estimated Taxes Based on:
Estimated Taxes based on the $17,070,901 Purchase Price and Approximately $25,760,000 in Hard Costs & a 6b
Compared to
Estimated Market Value Based on the Current 2021 Cook County Assessed Value***

				Estimated Taxes based on the $17,070,901 Purchase Price and Approximately $25,760,000 in Hard Costs & a 6b				Estimated Market Value Based on the Current 2021 Cook County Assessed Value*** (Includes partial value from PIN - 004)			
Tax Year	2020 Tax Rate	2020 Multiplier	Estimated Effective Tax Rate*	Estimated Market Value	Assessment Level with a Class 6b**	Estimated Assessed Value With a Class 6b	Estimated Tax With a Class 6b	Estimated Market Value	Assessment Level With NO Class 6b	Estimated Assessed Value Without a Class 6b	Estimated Taxes Without a Class 6b
2023	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2024	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2025	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2026	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2027	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2028	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2029	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2030	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2031	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2032	9.925%	3.2234	31.992%	$42,830,901	10%	$4,283,090	**$1,370,257**	$753,395	10%	$75,340	**$24,103**
2033	9.925%	3.2234	31.992%	$42,830,901	15%	$6,424,635	**$2,055,385**	$753,395	10%	$75,340	**$24,103**
2034	9.925%	3.2234	31.992%	$42,830,901	20%	$8,566,180	**$2,740,513**	$753,395	10%	$75,340	**$24,103**
				Total Estimated Taxes (2023 to 2034)			**$18,498,465**	**Total Estimated Taxes (2023 to 2034)**			**$289,234**

Property Tax Revenue Generated from the Property's Class 6b Tax Incentive:	**$18,209,232**	**Revenue Generated by an estimated 110 Full Time Employees (Per Year)**	**$466,125**	**Total Revenue Generated by the Subject Property's Incentive**	**$23,802,732**

Notes:

* The 2020 Tax Rate (the 2020 tax rate x the 2020 multiplier) was used. It does not take into account any increases or decreases in the Effective Tax Rate between 2023 and 2034.

**The above is based on the assumption that the Class 6b Tax Incentive for the subject property will be granted in 2022 and activated in 2023

*** - The Subject Property includes approximatly. 141,849 square feet of land associated with PIN 02-33-400-004-0000 . The Current 2020 PSF for the land is $5.00, which applied to the 141,849 square feet on the -004 PIN results in a market value of approx. $709,245.This was added to the full market value of PINs 02-33-401-024/-026 for the 2021 estimated value of the Subject Property.

The above estimates are speculative, and should be treated as such.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

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AMENDMENT TO PURCHASE AND SALE AGREEMENT

THIS AMENDMENT TO PURCHASE AND SALE AGREEMENT (this "Amendment") is entered into effective as of October 31, 2021, by and between The Catholic Bishop of Chicago, an Illinois corporation sole ("Seller") and LPC Acquisition Company, LLC, a Delaware limited liability company ("Purchaser").

RECITALS:

A. Seller and Purchaser are parties to a certain Purchase and Sale Agreement dated as of September 3, 2021 (the "Original Agreement," and, as amended hereby, the "Agreement"). Capitalized terms not otherwise defined herein shall have the meaning assigned to such terms in the Original Agreement.

B. The parties desire to amend the Original Agreement on the terms hereof.

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements contained in this Amendment and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Purchaser and Seller agree as follows:

1. Conflict; Ratification; Continuing Effect. In the event of an express conflict between this Amendment and the Original Agreement, the terms of this Amendment shall govern and control. Except as amended hereby, the Original Agreement is hereby ratified and confirmed and shall continue in full force and effect.

2. Property. The legal description of the Land is set forth on Exhibit A attached to this Amendment.

3. Sales Price. Section 2 of the Original Agreement is hereby deleted in its entirety and the following substituted in lieu thereof:

> "The Sales Price for the Property is Seventeen Million Seventy Thousand Nine Hundred One and No/100 Dollars ($17,070,901.00), payable in cash at Closing. Payment in cash means payment by wire transfer of immediately available federal funds ("Immediately Available Funds")."

4. Earnest Money. In the last sentence of Section 3 delete the dollar amount "$100,000" and substitute in lieu thereof the dollar amount "$150,000".

5. Inspection Period. The Inspection Period in the Original Agreement is hereby extended such that it shall expire at 5:00 p.m. Central Time on December 14, 2021. Except as otherwise expressly provided in this Amendment, all time periods in the Original Agreement calculated with reference to the expiration of the Inspection Period shall be recalculated based on the expiration of the Inspection Period as extended by this Amendment.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

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6. Closing Date. Notwithstanding anything to the contrary in this Amendment, Section 4(a) of the Original Agreement is hereby amended such the Closing Date shall be December 22, 2021.

7. Taxes. Section 4(e) of the Original Agreement is hereby deleted in its entirety and the following substituted in lieu thereof:

"(e) **Taxes**. The Property consists of all or parts of the following tax parcels: 02-33-401-024 ("024") which is exempt; 02-33-401-025 ("025") which is exempt; 02-33-401-026 ("026") which is taxed as agricultural land; 02-33-401-027 ("027") which is exempt as part of the Metropolitan Water Reclamation District ("MWRD") easement; and 02-33-400-004 ("004") which is currently taxed, but Seller believes should be exempt. Parcels 024, 025 and 026 are entirely within the Property, parcels 004 and 027 will require those tax parcels to be divided. With respect to parcel 026, Seller shall provide a tax proration at Closing based on 100% of the most recent ascertainable tax bills for 2021 taxes payable in 2022. No proration shall be provided for parcels 024, 025 and 027 and to the extent any portion consisting of those tax parcels is taxed for any part of the year in which the Closing occurs, Purchaser shall be responsible for such taxes. With respect to parcel 004 Seller has or intends to file for an exemption or reduction in the assessment for tax year 2021 and prior tax years. Any refunds of taxes for tax year 2020 and prior years shall be the sole property of Seller, and if Purchaser obtains any refunds of taxes for such years, and Purchaser receives such funds, it shall immediately pay the same to Seller. Purchaser shall cooperate with Seller, at no expense to Purchaser, in connection with any appeals, exemptions or applications for a certificate of error for tax year 2021 and prior years for parcel 004. Taxes for tax year 2021, payable in 2022, for parcel 004 shall be paid as follows: Seller shall pay the first installment of taxes and provide evidence thereof to Purchaser. Upon receipt of the 2nd installment tax bill for 2021, the parties shall compute their respective share of the total taxes payable for 2021 with Seller being responsible for an amount equal to the number of days from January 1 to the Closing Date divided by 365 multiplied by the total amount owed for parcel 004 for tax year 2021 and further multiplied by six percent (6%) (170,680 square feet divided by 2,840,729 square feet), and Purchaser shall be responsible for the balance. Purchaser shall pay its share of the total 2021 taxes for parcel 004 to Seller at least ten (10) days prior to the due date of the 2nd installment. Seller shall provide evidence of payment of the 2nd installment of 2021 taxes to Purchaser prior to the date such taxes are due. If Seller is able to obtain an exemption or reduction of the assessment for parcel 004 for 2021 taxes subsequent to payment of any taxes, any refund of taxes shall be paid to the parties in proportion to such payments except if the portion of parcel 004 retained by Seller is exempt for 2021 taxes and the portion of parcel 004 conveyed to Purchaser is not exempt then any tax refund shall be paid to Seller to the extent of any tax payments made by Seller and the balance of any refunded taxes shall be paid to Purchaser. The provisions of this Section 4(e) shall survive Closing.

8. Counterparts. The parties may execute this Amendment in one or more identical counterparts, all of which when taken together will constitute one and the same instrument. A photocopy. .pdf file, or other digital or electronic signature shall be binding on the parties and have the same legal effect as an original signature. If so executed, each counterpart is to be deemed an original for all purposes, and all counterparts shall, collectively, constitute one

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

DocuSign Envelope ID: B47E9E63-077A-4A1B-AA19-FBA59D7BE3EC

agreement, but in making proof of this Agreement, it shall not be necessary to produce or account for more than one counterpart.

[*Signature pages follow*.]

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXECUTED to be effective as of the day and year first above written.

PURCHASER:

LPC Acquisition, LLC, a Delaware limited liability company

By: Logistics Property Company, LLC, a Delaware limited liability company, its sole member and managing member

DocuSigned by:
Aaron Martell
F1A889199A2A45C...

By: _____
Name: Aaron S. Martell
Title: Executive Vice President

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

SELLER:

THE CATHOLIC BISHOP OF CHICAGO,
an Illinois corporation sole

DocuSigned by:
By: _____
96FA6EA79967468...
Name: Eric Wollan
Title: Chief Capital Assets Officer

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

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Exhibit A

Legal Description of the Land

[NEEDS TO BE CONFIRMED BY TITLE]

THAT PART OF THE SOUTHEAST QUARTER AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 42 NORTH, RANGE 10 EAST, OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS, BEING BOUNDED AS FOLLOWS:

BEGINNING AT A DISK IN CONCRETE AT THE NORTHWESTERN CORNER OF LOT 1 OF NATION PIZZA PRODUCTS CONSOLIDATION PLAT OF SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 22, 2005, AS DOCUMENT NUMBER 0526545054 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LOCATED AT THE INTERSECTION OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD PER TRACT NO. 5 RECORDED FEBRUARY 2, 1933, AS DOCUMENT NUMBER 11195798 IN THE OFFICE OF THE COOK COUNTY RECORDER AND A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE NORTH 69 DEGREES 21 MINUTES 52 SECONDS WEST (BASIS OF BEARINGS – ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83) ALONG SAID SOUTHERN RIGHT OF WAY OF ALGONQUIN ROAD, AS MONUMENTED, 374.80 FEET TO THE NORTHEASTERN CORNER OF THE SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED, PER FINAL JUDGMENT ORDER ON SETTLEMENT ENTERED AND DATED AUGUST 19, 1999, PER CONDEMNATION FILE NUMBER 99 L 50148 AND AS DEPICTED AS PARCEL 0032 IN DOCUMENT NUMBER 00154964 IN THE OFFICE OF THE COOK COUNTY RECORDER (THE FOLLOWING THREE (3) COURSES ARE ALONG THE SAID MONUMENTED SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD; 1) THENCE SOUTH 20 DEGREES 38 MINUTES 01 SECONDS WEST 18.04 FEET TO A 1/2 INCH IRON PIPE FOUND AT THE SOUTHEASTERN CORNER OF THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 2) THENCE NORTH 69 DEGREES 21 MINUTES 20 SECONDS WEST 578.74 FEET TO AN IDOT DISK FOUND AT A BEND IN THE SAID SOUTHERN RIGHT OF WAY LINE OF ALGONQUIN ROAD, AS MONUMENTED; 3) THENCE NORTH 73 DEGREES 28 MINUTES 24 SECONDS WEST 4.84 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 31 SECONDS WEST 516.20 FEET; THENCE NORTH 89 DEGREES 26 MINUTES 29 SECONDS WEST 364.14 FEET; THENCE SOUTH 00 DEGREES 33 MINUTES 37 SECONDS WEST 70.67 FEET; THENCE SOUTH 24 DEGREES 14 MINUTES 47 SECONDS EAST 831.58 FEET; THENCE SOUTH 89 DEGREES 33 MINUTES 00 SECONDS EAST 926.96 FEET TO A POINT ON THE WESTERN LINE OF LOT 1 IN BRIESKE'S RESUBDIVISION IN SCHAUMBURG ACCORDING TO THE PLAT THEREOF RECORDED MAY 16, 1978, AS DOCUMENT NUMBER 24449403 IN THE OFFICE OF THE COOK COUNTY RECORDER, SAID POINT LYING ON A LINE LYING 420.75 FEET WESTERLY OF (MEASURED PERPENDICULAR TO) THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 33; THENCE

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NORTH 00 DEGREES 15 MINUTES 52 SECONDS EAST ALONG THE WESTERN LINE OF LOT 1 IN SAID BRIESKE'S RESUBDIVISION AND ALSO ALONG THE WESTERN LINE OF LOT 1 IN THE AFORESAID NATION PIZZA SUBDIVISION 1,028.18 FEET TO THE **POINT OF BEGINNING**, CONTAINING 28.557 ACRES, MORE OR LESS.

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PURCHASE AND SALE AGREEMENT
[St. Michael's]

THIS PURCHASE AND SALE AGREEMENT (this "Agreement") is made and entered as of the later of the dates set forth below the parties' signatures to this Agreement (the "Effective Date") by and between THE CATHOLIC BISHOP OF CHICAGO, an Illinois corporation sole ("Seller") and LPC ACQUISITION COMPANY, LLC, a Delaware limited liability company ("Purchaser").

For and in consideration of the mutual covenants and agreements contained in this Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Purchaser and Seller agree as follows:

1. Purchase and Sale. Seller agrees to sell and convey to Purchaser, and Purchaser agrees to buy from Seller, the Property (hereinafter defined) for the consideration and upon and subject to the terms, provisions and conditions hereinafter set forth. The "Property" means the vacant land consisting of approximately 21.85 acres in Palatine, Cook County, Illinois and legally described on Exhibit A attached to this Agreement (collectively, the "Land"), together with all of Seller's right, title and interest in any and all rights, titles, powers, privileges, easements, licenses, rights-of-way and interests (A) appurtenant to the Land, and (B) if any, of Seller, either at law or in equity, in possession or in expectancy, in and to any real estate lying in the streets, highways, roads, alleys, rights-of-way or sidewalks, open or proposed; in front of, above, over, under, through or adjoining the Land and in and to any strips or gores of real estate adjoining the Land.

2. Sales Price. The total sales price for the Property is an amount equal to $15.50 multiplied by the number of usable square feet in the Land as determined by the Survey (as defined below) (the "Sales Price"), payable in cash at Closing. Payment in cash means payment by wire transfer of immediately available federal funds ("Immediately Available Funds"). As used herein, "usable square feet" shall mean the gross square footage of the Land as determined by the Survey less (i) any portion of the Land currently dedicated or used for public right of way purposes (including street purposes); ; and (ii) any portion of the Land that is subject to wetlands that renders such affected area unusable for the development of the Property and which cannot be used for drainage or detention or is not able to be used in determining the floor area ratio of the Land under the applicable zoning code. Prior to the expiration of the Inspection Period (as defined herein), the Sales Price for the Property shall be finally determined by the Survey (as provided above) and confirmed by an amendment to this Agreement.

3. Earnest Money. Within five (5) Business Days (as defined in Section 18(n) below) following the Effective Date, Purchaser will deliver to Chicago Title Insurance Company, Attention: Krystina Cozzie or Ruby Rodriguez (the "Title Company"), as escrow agent, One Hundred Fifty Thousand and No/100 Dollars ($150,000.00) (by Immediately Available Funds) as earnest money (the "Initial Earnest Money") to be held pursuant to the terms of the Title Company's standard strict joint order escrow instructions for earnest money. Within five (5) Business Days following the expiration of the Inspection Period, Purchaser will deliver to the Title Company an additional deposit of One Hundred Fifty Thousand and No/100 Dollars ($150,000.00) (by Immediately Available Funds) as earnest money ("Additional Earnest Money" and, together with the Initial Earnest Money, the "Earnest Money"). If the transaction contemplated by this Agreement is closed, then the Earnest Money will be applied in partial payment of the Sales Price to be paid at Closing. If the transaction is not closed, then the Title Company will disburse the Earnest Money in accordance with the provisions of this Agreement. Notwithstanding anything contained in this Agreement to the contrary, if this Agreement is terminated for any reason other than (i) a Seller default, (ii) the determination that the Land contains a recognized environmental condition that would prevent its development, (iii) a title defect that Seller fails to cure under Section 6 or any other failure of a condition precedent to close for the benefit of Purchaser, or (iv) a condemnation or taking of any part of the Land, then $100,000 of the Initial Earnest Money shall be paid to Seller upon termination of this Agreement.

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4. Closing.

(a) Time and Place. The closing of this transaction (the "Closing") will take place in escrow at the Title Company (as hereinafter defined) on or before the fifteenth (15th) day following the later of (i) the expiration of the Inspection Period (as defined below) or (ii) receipt of the Seller's Approval (the "Closing Date").

(b) Seller's Closing Deliveries. At the Closing, Seller will deliver or cause to be delivered to Purchaser, at Seller's sole expense, except as otherwise provided in this Section 4(b), the following:

(a) Deed. A Special Warranty Deed (the "Deed"), in the form attached hereto as Exhibit B (with the use restrictions attached thereto), duly executed and acknowledged by Seller, conveying good and indefeasible title in fee simple to the Property, free and clear of any and all liens, encumbrances, easements and assessments, created by, through or under Seller, except for the Permitted Exceptions (defined below).

(b) Owner Policy. The Title Company shall have unconditionally committed to issue an Owner's Policy of Title Insurance (the "Owner Policy"), delivered in due course by the Title Company after Closing, to be issued by the Title Company on its standard 2016 form in use in the State of Illinois, in the full amount of the Sales Price, with full extended coverage, dated as of the Closing Date, insuring Purchaser's fee simple title to the Property to be good and indefeasible subject only to the Permitted Exceptions; provided, however, the cost of the Owner Policy shall be the responsibility of Purchaser hereunder (with the exception of any curative endorsements).

(c) PIN Division. A petition, completed and approved by Seller and Purchaser, to be filed by Seller with the Cook County Assessor's office creating a new permanent index number for the Property ("PIN Division"), duly executed by Seller.

(d) Possession. Possession of the Property, subject only to the Permitted Exceptions.

(e) Non-foreign Affidavit. A non-foreign affidavit, in the form attached hereto as Exhibit C duly executed by Seller.

(f) Authority. Evidence reasonably acceptable to the Title Company of Seller's capacity and authority for the closing of this transaction.

(g) Boundary Screening Agreement. A counterpart of the agreement referenced in Section 16(n) below.

(h) Other Documents. Any other documents that may be reasonably required to close this transaction, including but not limited to (i) title affidavit and/or ALTA Statement; (ii) GAP Indemnity; (iii) [approved service contracts]; (iv) transfer tax declarations; and (v) the closing statement.

(c) Purchaser's Closing Deliveries. Purchaser will be prepared to authorize Closing on the Closing Date and will perform and deliver on the Closing Date, at Purchaser's sole expense, the following:

(a) Sales Price. The Sales Price in Immediately Available Funds (reduced by the amount, if any, of the Earnest Money applied for that purpose).

(b) PIN Division. Purchaser's counterpart to the PIN Division, duly executed by Purchaser.

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(c) **Boundary Screening Agreement**. A counterpart of the agreement referenced in Section 16(n) below.

(d) **Other Documents**. Any other documents that may be reasonably required to close this transaction.

(d) **Expenses of Closing**. Seller will pay (i) all state and county transfer taxes, to the extent neither the Seller nor the transaction are exempt (in no event shall Purchaser be responsible for any transfer taxes hereunder and Seller shall be responsible for securing any required exemptions, as applicable); (ii) the cost of any curative endorsements for the Owner Policy; (iii) 1/2 of any escrow fees; (iv) Seller's attorneys' fees; and (v) other expenses stipulated to be paid by Seller under other provisions of this Agreement. Purchaser will pay (A) the premium for the Owner Policy (other than any curative endorsements) and the cost of any lender policies and endorsements thereto; (B) the cost of obtaining the Survey (as hereinafter defined); (C) recording fees for the Deed; (D) 1/2 of any escrow fee; (E) Purchaser's attorneys' fees; and (F) other expenses stipulated to be paid by Purchaser under other provisions of this Agreement.

(e) **Taxes**. The Property is currently exempt from real estate taxes; therefore, there shall be no proration of real estate taxes. To the extent the Property is taxed for any part of the year in which the Closing occurs Purchaser shall be responsible for all taxes levied for such year.

5. **Due Diligence and Inspection**.

(a) **Inspection**. Purchaser may conduct an acquisition due diligence investigation of the Property (the "Inspection"), including a physical inspection of the Property to determine the condition of the Property, during the period commencing on the Effective Date and ending at 5:00 p.m., sixty (60) days thereafter (the "Inspection Period"). During the Inspection Period, subject to the limits set forth in this Section 5, Seller shall provide Purchaser with full access to the Property. With Seller's permission, after Seller has received at least 24 hours advance notice sufficient to permit it to schedule Purchaser's examination of the Property in an orderly manner, Purchaser or its agents or contractors may enter upon the Property for purposes of analysis or other tests and inspections deemed necessary by Purchaser for the Inspection; provided, however, Purchaser is not permitted to perform any intrusive testing, including, without limitation, a Phase II environmental assessment or boring, without (i) submitting to Seller the scope and inspections for the testing, and (ii) obtaining the prior written consent of Seller, which consent shall not be unreasonably withheld, conditioned or delayed. Seller may have a representative present at any inspection or testing made by Purchaser on the Property. Purchaser shall not alter the physical condition of the Property without notifying Seller of its requested tests and obtaining the prior written consent of Seller to any physical alteration of the Property (Seller's consent hereunder shall not be unreasonably withheld, conditioned or delayed). Purchaser shall promptly restore the Property to its original condition if damaged or changed due to the tests and inspections performed by Purchaser, free of any mechanic's or materialman's liens or other encumbrances arising out of any of the inspections or tests; provided, however, in no event shall Purchaser be liable for the discovery of any pre-existing condition at the Property or any resulting diminution in value of the Property. Notwithstanding the foregoing, Purchaser shall continue to have access to the Property and may continue with its Inspections after expiration of the Inspection Period (to the extent that Purchaser has not exercised its right of termination pursuant to Section 5(b) below). Purchaser may, without seeking Seller's approval hereunder, make typical due diligence inquiries of all applicable governmental agencies with respect to among other things taxes, zoning and land use (including permit status).

(b) **Termination**. If Purchaser determines, in its sole judgment, that the Property is not suitable for any reason for Purchaser's intended use or purpose, or is not in satisfactory condition, then Purchaser may terminate this Agreement by written notice to Seller given on or before the expiration of the Inspection Period, in which case the Earnest Money shall be returned to Purchaser, and neither party shall

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have any further right or obligation under this Agreement except for those rights or obligations that expressly survive termination. If this Agreement is not terminated on or before the expiration of the Inspection Period, the Inspection condition shall be deemed to have been waived by Purchaser for all purposes. The Inspection shall be conducted at Purchaser's sole cost and expense; provided, however, Seller, at no cost or expense to Seller, agrees to reasonably cooperate with Purchaser in connection with securing all necessary municipal land use, zoning and other similar approvals with respect to Purchaser's intended use of the Property.

(c) Reports. In the event that the transaction does not close, upon written request from Seller, Purchaser shall provide to Seller, at no cost to Seller, with a copy of the results of any tests and inspections made by Purchaser, excluding any market and economic feasibility studies (collectively, "Purchaser Reports"). Any Purchaser Reports delivered to Seller will be delivered for informational purposes only and Purchaser makes no representation or warranty, express or implied, as to the accuracy or completeness of the information contained in the Purchaser Reports. Seller agrees not to enforce any claim or cause of action against Purchaser or the preparers of the Purchaser Reports (unless Seller obtains its own separate agreement with the preparer of the applicable Purchaser Reports) for any inaccuracies in the Purchaser Reports. Purchaser shall keep the Purchaser's Reports confidential and may not disclose the results to any third parties, except to Purchaser's attorneys, accountants, agents, advisors and other professionals and prospective lenders and investors (and their advisors), who shall be obliged to keep such information confidential. The foregoing confidentiality obligation shall terminate upon the Closing hereunder.

(d) Indemnity. PURCHASER HEREBY INDEMNIFIES AND HOLDS SELLER HARMLESS FROM ALL CLAIMS, LIABILITIES, DAMAGES, LOSSES, COSTS, EXPENSES (INCLUDING, WITHOUT LIMITATION, REASONABLE ATTORNEYS' FEES), ACTIONS, AND CAUSES OF ACTION ARISING OUT OF OR IN ANY WAY RELATING TO THE INSPECTION PERFORMED BY PURCHASER, ITS AGENTS, INDEPENDENT CONTRACTORS, AND/OR EMPLOYEES. Purchaser further waives and releases any claims, demands, damages, actions, causes of action or other remedies of any kind whatsoever against Seller for property damages or bodily and/or personal injuries to Purchaser, its agents, independent contractors, servants and/or employees arising out of the Inspection or use in any manner of the Property. Notwithstanding anything to the contrary contained herein, Purchaser shall not be responsible or liable for any claims, liabilities, damages, losses, costs or expenses arising from the negligence or willful misconduct of Seller's representative(s) who may be present during the inspection.

(e) Insurance. Prior to the date that Purchaser or its agents or contractors first enter the Property, Purchaser and Purchaser's agents and contractors shall procure and maintain throughout the term of this Agreement, commercial general liability insurance, including direct contractual and contingent liability, with limits of not less than One Million Dollars ($1,000,000) per occurrence and Two Million Dollars ($2,000,000) in the aggregate. Seller shall be included as an additional insured under such coverage. Neither Purchaser nor Purchaser's agents or contractors will be permitted to come onto the Property unless and until Purchaser has provided to Seller a certificate of insurance evidencing this coverage and the additional insured status of Seller.

(f) Survival. The provisions of this Section 5 shall survive the Closing or any termination of this Agreement and are not subject to any liquidated damage limitation on remedies, notwithstanding anything to the contrary in this Agreement.

6. Title Approval.

(a) Commitment; Survey. [Note—the commitment and survey have both been ordered by Seller] Purchaser will use reasonable diligence to obtain and cause copies thereof to be delivered to Seller (i) within ten (10) days after the Effective Date a commitment for the issuance of the Owner Policy

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issued by the Title Company together with copies of all recorded instruments affecting title to the Property and recited as exceptions in such commitment (collectively, the "Commitment") and (ii) within thirty (30) days following the Effective Date a survey of the Property prepared in accordance with current ALTA/NSPS survey standards and containing such table A items as Purchaser shall reasonably request (the "Survey"); provided that the Survey shall certify the gross square footage of the Land (as well as the deductions therefrom) for purposes of calculating the net useable land area and determining the Sales Price.

(b) Objections. If Purchaser has an objection to items disclosed in the Commitment or Survey, then Purchaser may give Seller written notice of its objections within five (5) days following the receipt of the later of the Commitment and Survey. Any exception to title identified in the Commitment or Survey not objected to by Purchaser in the manner and within the time period specified in this Section 6 shall be deemed accepted by Purchaser. If Purchaser gives timely written notice of its objections ("Objection Notice"), then Seller shall notify Purchaser in writing within five (5) days after receipt of Purchaser's Objection Notice ("Seller's Cure Period") whether Seller elects to remove or to cause the Title Company to insure against the same; provided, however, Seller shall be obligated to cure, and Purchaser shall not be required to object to, any mortgage liens against the Property, monetary liens on the Property as a result of work, services and materials provided to the Property at the direction of any party other than Purchaser, monetary liens arising from the failure to pay any obligations under agreements of record binding upon the Property, judgment liens, tax liens, and such other matters as Seller has agreed, in writing, to cure pursuant hereto, and any other encumbrances created by, through or under Seller in violation of this Agreement (collectively, the "**Seller Required Title Removal Matters**"), all of which are hereby disapproved by Purchaser and shall be removed and/or cured by Seller on or prior to Closing. . Seller's failure to deliver such written notice shall constitute Seller's election not to cure Purchaser's title objections. Seller shall have no obligation to expend any money, to incur any contractual or other obligations, or to institute any litigation in pursuing its efforts other than to remove at Closing financing liens of an ascertainable amount created by Seller. If any objection is not satisfied during Seller's Cure Period, then Purchaser shall elect, not later than five (5) days after the expiration of Seller's Cure Period, as its sole and exclusive remedy to either: (i) terminate this Agreement, in which case the Earnest Money shall be returned to Purchaser, and neither party will have any further rights or obligations pursuant to this Agreement, other than rights or obligations that expressly survive termination; or (ii) waive the unsatisfied objection (which shall thereupon become a Permitted Exception) and proceed to Closing. Purchaser's failure to give such notice of termination on or before such date shall constitute Purchaser's waiver of any title objections that Seller is unwilling to cure, and such title objections shall be deemed Permitted Exceptions, and Closing shall occur as provided in this Agreement without any reduction of or credit against the Sales Price. Notwithstanding the foregoing or anything to the contrary set forth herein, if Seller fails to cure the Seller Required Title Removal Matters, then Seller shall be in default hereunder and Purchaser shall all the applicable remedies set forth herein. In addition, the foregoing objection procedure shall apply with respect to any new matters that may appear on any subsequently updated Commitment and/or Survey.

(c) Permitted Exceptions. The phrase "Permitted Exceptions" means those exceptions to title set forth in the Commitment or Survey and that have been accepted or deemed accepted by Purchaser.

7. Seller's Approvals. The sale of the Property and Seller's obligations under this Agreement are conditioned upon and subject to the approval of the transaction contemplated hereby by the Vatican Congregation of the Clergy ("Seller's Approvals"). Seller shall endeavor to respond within two (2) business days to Purchaser's inquiries regarding the status of Seller's Approvals. Promptly following the execution, delivery and acceptance of the Agreement, Seller shall commence the appropriate process to obtain Seller's Approvals and shall pursue the same in good faith. In the event Seller is unable to obtain Seller's Approvals prior to the end of the Inspection Period, Seller may terminate this Agreement upon written notice to

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Purchaser at least two (2) business days prior to the expiration of the Inspection Period, in which case this Agreement shall be of no further force or effect and Seller shall cause the Earnest Money to be returned to Purchaser.. In the event this Agreement is terminated pursuant to this Section 7, Purchaser shall receive a reimbursement from Seller for all of Purchaser's actual and reasonable due diligence expenses incurred with respect to the Property, which amount shall be capped at Fifty Thousand and 00/100 Dollars ($50,000.00). The provisions of this Section 7 shall survive the expiration or termination of this Agreement.

8. **Broker's Fee**. Purchaser and Seller represent and warrant to each other that no real estate commissions, finders' fees, or brokers' fees have been or will be incurred in connection with the sale of the Property by Seller to Purchaser other than to Darwin Realty ("Seller's Broker"). Purchaser shall pay a commission to Seller's Broker pursuant to the terms of a separate agreement between Seller's Broker and Purchaser. No commission shall be earned except if the transaction closes. Each party represents to the other that it has not authorized any other broker or finder to act on its behalf in connection with the sale and purchase under this Agreement and that it has not dealt with any other broker or finder purporting to act on behalf of any other party. Purchaser and Seller each hereby agree to indemnify, defend, and hold the other harmless from any claim, liability, obligation, cost, or expense (including attorneys' fees and expenses) for fees or commissions relating to Purchaser's acquisition of the Property asserted against either party by any broker or other person claiming by, through, or under the indemnifying party or whose claim is based on the indemnifying party's acts other than Seller's Broker. The provisions of this Section 8 shall survive the Closing or any termination of this Agreement.

9. **Limitation of Seller's Representations and Warranties; Release**.

(a) **AS-IS. EXCEPT AS EXPRESSLY SET FORTH IN SECTION 11 OF THIS AGREEMENT, PURCHASER ACKNOWLEDGES AND AGREES THAT PURCHASER IS PURCHASING THE PROPERTY IN AN "AS-IS" CONDITION "WITH ALL FAULTS" AND WITHOUT ANY WARRANTIES, REPRESENTATIONS OR GUARANTEES, EITHER EXPRESSED OR IMPLIED, OF ANY NATURE WHATSOEVER FROM OR ON BEHALF OF SELLER, INCLUDING WITHOUT LIMITATION, THOSE OF FITNESS FOR A PARTICULAR PURPOSE AND USE.**

(b) **No Reliance**. Purchaser acknowledges that (i) Purchaser has had or will have, pursuant to this Agreement, an adequate opportunity to make such legal, factual and other inquiries and investigation as Purchaser deems necessary, desirable or appropriate with respect to the Property, and (ii) except as otherwise expressly set forth in Section 11 of this Agreement, neither Seller, nor anyone acting for or on behalf of Seller, has made any representation, warranty, promise or statement, express or implied, to Purchaser, or to anyone acting for or on behalf of Purchaser, concerning the Property or the condition, use or development thereof. Purchaser represents that, in entering into this Agreement, Purchaser has not relied on any representation, warranty, promise or statement, express or implied, of Seller, or anyone acting for or on behalf of Seller, other than as expressly set forth in Section 11 of this Agreement, and that Purchaser shall purchase the Property based upon Purchaser's own prior investigation and examination of the Property. If Purchaser elects (A) not to inspect the Property, (B) to terminate this Agreement on or before the expiration of the Inspection Period, or (C) to proceed to Closing, such election will be made at Purchaser's absolute discretion, in reliance solely upon the tests, analyses, inspections and investigations that Purchaser makes, or had the right to make and opted not, or otherwise failed, to make, and not in reliance upon any alleged representation made by or on behalf of Seller, except as set forth in Section 11.

(c) **Release**. Except as may be expressly provided in Section 11 of this Agreement, Purchaser, for itself and its successors in interest, releases Seller from, and waives all claims and liability against Seller for, any structural, physical or environmental condition at the Property, and hereby releases Seller from, and waives all liability against Seller attributable to, the structural, physical or environmental condition of the Property, including without limitation the presence, discovery or removal of any hazardous materials or substances in, at, about or under the Property, or connected with or arising out of any and all

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claims or causes of action based upon CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by SARA Superfund Amendment and Reauthorization Act of 1986 and as may be further amended from time to time) or any related claims or causes of action or any other federal, state or municipal based statutory or regulatory causes of action for environmental contamination at, in or under the Property. The provisions of this Section 9 shall survive indefinitely any Closing or termination of this Agreement and shall not be merged into the Closing documents.

10. Default.

(a) Seller's Remedies. If Purchaser fails to perform its obligations pursuant to this Agreement at or prior to Closing for any reason except failure by Seller to perform its obligations hereunder, or if prior to Closing any one or more of Purchaser's representations or warranties are breached in any material respect, then Seller, as its sole and exclusive remedy (except as provided in Sections 5 and 8), may terminate this Agreement and retain the Earnest Money as liquidated damages and not as penalty, in full satisfaction of claims against Purchaser hereunder (except for claims arising under Section 5 or Section 8). Seller and Purchaser agree that Seller's damages resulting from Purchaser's default are difficult, if not impossible, to determine, and the Earnest Money is a fair estimate of those damages and has been agreed to in an effort to cause the amount of damages to be certain.

(b) Purchaser's Remedies. If Seller fails to perform its obligations pursuant to this Agreement for any reason except failure by Purchaser to perform its obligations hereunder, or if before Closing any one or more of Seller's representations or warranties are breached in any material respect, and this failure or breach is not cured within three (3) Business Days after written notice from Purchaser to Seller, then Purchaser may, as its sole and exclusive remedy, either: (i) terminate this Agreement by giving Seller timely written notice of its election before or at Closing and recover the Earnest Moneys; (ii) enforce specific performance of Seller's obligations under this Agreement; or (iii) waive Seller's failure or breach and proceed to Closing; provided, however, if Purchaser elects option (i) above, it shall also have the right to be reimbursed by Seller for its reasonable out of pocket costs and expenses incurred in connection with the Inspection in an amount not to exceed Fifty Thousand and No/100 Dollars ($50,000.00). Notwithstanding anything herein to the contrary, Purchaser shall be deemed to have elected to terminate this Agreement if Purchaser fails to deliver to Seller written notice of its intent to file a claim or assert a cause of action for specific performance against Seller on or before thirty (30) days following the scheduled Closing Date or, having given that notice, fails to file a lawsuit asserting the claim or cause of action in Cook County, Illinois, within sixty (60) days following the scheduled Closing Date. Purchaser's remedies shall be limited to those described in this Section 10(b). The provisions of this Section 10(b) shall survive the Closing or any termination of this Agreement.

11. Representations and Warranties of Seller.

(a) Representations and Warranties. Seller hereby represents and warrants to Purchaser, which representations and warranties shall be deemed made by Seller to Purchaser as of the Effective Date and as of the Closing Date, and which representations (other than those set forth in Sections 11(a)(vi) and 11(a)(vii) below) shall survive Closing for six (6) months:

(i) Parties in Possession; No Other Agreements. There are no parties in possession of any portion of the Property except Seller and there are no leases or other agreements for use, occupancy or possession presently in force with respect to all or any portion of the Property. Except for this Agreement, Seller has not entered into, and has no actual knowledge of, any other agreement, commitment, option, right of first refusal or any other agreement, whether oral or written, with respect to the purchase, assignment or transfer of all or any portion of the Property. There are no management agreements, brokerage agreements, leasing agreements, service contracts or any other similar agreements or instruments in force or effect that grant to any person or entity any right,

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title, interest or benefit in and to all or any part of the Property or any rights relating to the use, operation or management of all or any part of the Property that will be binding upon Purchaser after Closing.

(ii) Authority. Subject to obtaining Seller's Approvals, Seller has the power and authority to sell and convey the Property as provided in this Agreement and to carry out Seller's obligations under this Agreement, and that all requisite corporate action necessary to authorize Seller to enter into this Agreement and to carry out Seller's obligations under this Agreement has been obtained.

(iii) No Litigation; Eminent Domain. There are no actions, suits or proceedings (including arbitration or mediation) threatened or pending against Seller, before or by any judicial, administrative or union body, any arbiter or any governmental authority, affecting Seller's ability to perform its obligation under this Agreement or against the Property. Seller has not received any written notice of a pending or threatened eminent domain or similar proceeding that would affect the Property.

(iv) Not a Foreign Person. Seller is not a "foreign person" as defined in Section 1445 of the Internal Revenue Code of 1986, as amended, and the Income Tax Regulations thereunder.

(v) Anti-Terrorism, Anti-Bribery, and Anti-Money Laundering Laws; OFAC. Seller is in compliance with all federal, state, municipal and local laws, statutes, codes, ordinances, orders, decrees, rules or regulations relating to anti-corruption, anti-bribery, terrorism, money laundering, and drug-trafficking. Seller is not a person or entity described by Section 1 of the Executive Order (No. 13,224) Blocking Property and Prohibiting Transactions With Persons Who Commit, Threaten to Commit, or Support Terrorism, 66 Fed. Reg. 49,079 (September 25, 2001), and does not engage in any dealings or transactions, and is not otherwise associated, with any of those persons or entities.

(vi) No Notices of Violation. To Seller's knowledge, Seller has received no notice of any existing violations, suspensions or revocations of any restrictive covenants, deed restrictions, or federal, state, county or municipal laws, ordinances, orders, codes, regulations, requirements or permits affecting the Property, including without limitation any zoning, building, health or environmental laws, codes, ordinances, regulations, orders or requirements of any city, county, state or other governmental authority having jurisdiction thereof.

(vii) Hazardous Materials. To Seller's knowledge, there are no hazardous substances on, under or about the Property and the Property is in compliance with applicable federal, state or local environmental statutes, laws, ordinances, codes, rules, regulations, orders or decrees, including such regulating, relating to or imposing liability (including strict liability) or standards of conduct concerning any hazardous substances.

(b) Seller's Knowledge. Whenever the phrases "to Seller's actual knowledge" or "to the best of Seller's knowledge" or any similar phrase is used herein, those phrases mean the present, actual knowledge (as opposed to the imputed knowledge), without inquiry or investigation, of the fact or condition by Eric Wollan ("Seller's Representative"). The representations and warranties contained in this Section 10 are the representations and warranties of Seller, not Seller's Representative, and shall not create any individual liability for Seller's Representative.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

(c) **Condition Precedent**. It is a condition precedent to Purchaser's obligations under this Agreement that as of the Closing Date, all of Seller's representations and warranties shall be true and correct in all material respects. If the representations and warranties of Seller, which to Seller's actual knowledge were true and correct when made, are not true and correct in all material respects on the Closing Date, and that change is not directly attributable to Seller's actions or conscious failure to act, then Purchaser may, at its option, (i) waive this condition and close this transaction in accordance with the terms and provisions of this Agreement, or (ii) terminate this Agreement by notice in writing to Seller and receive back the Earnest Money whereupon neither party shall have any further rights or obligations under this Agreement, other than rights or obligations that expressly survive termination.

(d) **Untrue Representation or Warranty**. If Purchaser obtains knowledge prior to the Closing that any representation or warranty of Seller herein is incorrect in any material respect and Purchaser proceeds to Closing despite having the right to terminate this Agreement on account of such breach, then Purchaser will be deemed to have forever waived any right to recover from Seller on account of such incorrectness.

12. **Covenants of Seller**. From the Effective Date until Closing, Seller agrees as follows:

(a) **Service Contracts, Leases and Construction Contracts**. Seller will not enter into any lease, service contract, construction contract or the like for the Property (or any portion thereof), or any amendments or modifications to any such existing agreements that would be binding on Purchaser following Closing, in each case without Purchaser's prior written consent.

(b) **Covenant Not to Convey or Encumber**. Seller shall not subject the Property to, or allow the Property to become subject to, any additional liens, encumbrances, covenants, conditions, easements, rights of way or similar matters which will not be eliminated prior to the Closing without Purchaser's prior written consent, nor shall Seller convey any interest in the Property or any rights therein, nor enter into any conveyance, security document, easement or other agreement granting to any person or entity any rights with respect to the Property or any part thereof, or any interest whatsoever therein, or any option with respect thereto, , without the prior written consent of Purchaser.

(c) **No Material Alterations, Zoning Changes**. Seller shall not make or allow to be made any material alterations to the Property without Purchaser's prior written consent. Seller shall not request or process any request to change the zoning of the Property or amend any subdivision map in process affecting the Property or amend or modify any other entitlements or development standards applicable to the Property. Notwithstanding the foregoing, Seller, at no cost or expense to Seller, shall cooperate reasonably with Purchaser's proposed development with respect to seeking appropriate consents, authorizations or approvals from the applicable governing bodies, including without limitation those for the site development permit, zoning variances, special use permits, or subdivision of the Property; provided that so such consents, authorizations or approvals will be binding on or impose any obligations of any nature on (i) Seller or the Property until Closing or (ii) Seller's other property .

(d). **Operation in the Ordinary Course**. Seller shall operate the Property in the ordinary course and consistent with Seller's past practices.

13. **Representations and Warranties of Purchaser**. Purchaser represents and warrants to Seller, which representations and warranties shall be deemed made by Purchaser to Seller as of the Effective Date and as of the Closing Date:

(a) **Authority**. Purchaser has the full right, power and authority to purchase the Property as provided in this Agreement and to carry out Purchaser's obligations hereunder, and that all

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

requisite action necessary to authorize Purchaser to enter into this Agreement and to carry out Purchaser's obligations hereunder has been taken.

(b) Anti-Terrorism, Anti-Bribery, and Anti-Money Laundering Laws OFAC. Purchaser, including its affiliates, is in compliance with all federal, state, municipal and local laws, statutes, codes, ordinances, orders, decrees, rules or regulations relating to anti-corruption, anti-bribery, terrorism, money laundering, and drug-trafficking. Purchaser is not a person or entity described by Section 1 of the Executive Order (No. 13,224) Blocking Property and Prohibiting Transactions With Persons Who Commit, Threaten to Commit, or Support Terrorism, 66 Fed. Reg. 49,079 (September 25, 2001), and to Purchaser's knowledge does not engage in any dealings or transactions, and is not otherwise associated, with any of those persons or entities.

14. Condemnation. If, prior to the Closing Date, Seller receives a notice that all or any substantial portion of the Property shall be taken in condemnation or under the right of eminent domain, Seller shall promptly notify Purchaser thereof. Within five (5) Business Days after receipt of the foregoing notice, Purchaser shall notify Seller, electing either: (a) to proceed with this transaction and Closing in accordance with this Agreement notwithstanding such condemnation; or (b) to terminate this Agreement, and neither party shall have any further rights or obligations under this Agreement except for those that expressly survive termination. If Purchaser elects to proceed with this transaction pursuant to clause (a) above, or if there is a taking in condemnation or eminent domain that does not affect a substantial portion of the Property, there shall be no reduction in the Purchase Price and Seller shall (i) deliver to Purchaser at the Closing, or as soon thereafter as available, any proceeds actually received by Seller attributable to the Property from such condemnation or eminent domain proceeding, or (ii) transfer and assign to Purchaser any and all rights Seller may have with respect to payments by or from and with respect to recovery against any party for damages or compensation relating to the Property on account of such condemnation or eminent domain proceeding. A failure by Purchaser to notify Seller in writing within five (5) Business Days after receiving written notice of such proposed taking shall be deemed an election to proceed under clause (a) in this Section 14. If Purchaser elects (or is deemed to elect) to proceed under clause (a) in this Section 14, Seller shall not compromise, settle or adjust any claims to such award without Purchaser's prior written consent. For purposes of this provision, a "substantial portion" of the Property shall be deemed to include more than 5% of the square footage of the Land.

15. Assignment. Purchaser may not assign this Agreement without Seller's prior written consent, which consent shall be given or denied in Seller's sole and absolute discretion, except that Purchaser may make a one-time assignment of this Agreement to a title holding entity that is affiliated with Purchaser and/or managed by Purchaser's direct or indirect owner; provided, however, that Purchaser shall not be released from any of its liabilities and obligations under this Agreement by reason of such designation or assignment.

16. Miscellaneous.

(a) Notice. All notices, demands, and requests and other communications required or permitted under this Agreement must be in writing and will be deemed to be delivered when actually received by facsimile, electronic mail or personal delivery or, if earlier and regardless whether actually received or not, (i) upon deposit with a nationally recognized overnight courier for next Business Day delivery, charges prepaid, (ii) upon transmittal when sent by electronic mail, or (ii) upon three (3) Business Days following deposit in a regularly maintained receptacle for the United States mail, registered or certified, postage prepaid, in either event to be addressed to the addressee as follows:

If to Seller:

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

The Catholic Bishop of Chicago
Attn: Gary Ansier
835 N. Rush Street
Chicago, IL 60611
Email: gansier@archchicago.org

With a copy to:

The Catholic Bishop of Chicago
Attn: Chief Capital Assets Officer
835 N. Rush Street
Chicago, IL 60611
Email: ewollan@archchicago.org

And with a copy to:

Burke, Warren, MacKay & Serritella, P.C.
Attn: Douglas E. Wambach
330 N. Wabash Ave., 21st Floor
Chicago, IL 60611
Email: dwambach@burkelaw.com

If to Purchaser:

LPC Acquisition Company, LLC
c/o Logistics Property Company, LLC
Attn: Aaron Martell
1 N. Wacker Drive, Suite 1925
Chicago, Illinois 60606
Email: amartell@logisticspropco.com

With a copy to:

LPC Acquisition Company, LLC
c/o Logistics Property Company, LLC
Attn: William Peltin
1 N. Wacker Drive, Suite 1925
Chicago, Illinois 60606
Email: bpeltin@logisticspropco.com

17. **Governing Law**. This Agreement will be construed under and in accordance with the laws of the State of Illinois (without regard to any conflict of laws). In the event of any dispute hereunder, it is agreed that the sole and exclusive venue shall be in a court of competent jurisdiction in Cook County, Illinois, and the parties hereto agree to submit to the jurisdiction of such court.

(a) **Attorney's Fees**. Any party to this Agreement who is the prevailing party in any legal proceeding against the other party brought under or with respect to this Agreement or transaction will be additionally entitled to recover court costs and reasonable attorneys' fees from the non-prevailing party.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

(b) **Successors and Assigns**. This Agreement will be binding upon and inure to the benefit of the parties hereto, their respective heirs, executors, administrators, legal representatives, successors, and permitted assigns.

(c) **Severability**. If any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, that invalidity, illegality, or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if the invalid, illegal, or unenforceable provision had never been contained herein. Furthermore, in lieu of any invalid, illegal, or unenforceable provision, there shall be automatically added to this Agreement a provision as similar to the illegal, invalid, or unenforceable provision as may be possible and be legal, valid, and enforceable.

(d) **Entire Agreement**. This Agreement (i) constitutes the sole and only agreement of the parties hereto with respect to the subject matter hereof (ii) supersedes any prior understandings or written or oral agreements between the parties respecting the subject matter hereof, and (iii) cannot be changed except by their written consent.

(e) **Time for Performance**. Time is of the essence with this Agreement.

(f) **References**. All references to "Sections" contained in this Agreement are, unless specifically indicated otherwise, references to articles, sections, subsections, and paragraphs of this Agreement. Whenever in this Agreement the singular number is used, the same shall include the plural where appropriate (and vice versa), and words of any gender shall include each other gender where appropriate. All references to "Exhibits" and "Schedules" are, unless specifically indicated otherwise, references to exhibits, schedules, and attachments to this Agreement, which are incorporated into this Agreement by each reference.

(g) **Survival**. None of the representations, warranties, covenants or other obligations of Seller or Purchaser shall survive the Closing unless such survival is expressly provided for in this Agreement, in which case such representations, warranties, covenants or obligations shall survive for the periods provided in this Agreement (or, if no period is provided, indefinitely) and shall not be deemed to have merged or terminated at the Closing or any termination or cancellation of this Agreement.

(h) **Counterparts**. The parties may execute this Agreement in one or more identical counterparts, all of which when taken together will constitute one and the same instrument. If so executed, each counterpart is to be deemed an original for all purposes, and all counterparts shall, collectively, constitute one agreement, but in making proof of this Agreement, it shall not be necessary to produce or account for more than one counterpart. To facilitate execution of this Agreement, the parties may execute and exchange counterparts of this Agreement via attachment to electronic mail (*.pdf or similar file types). The parties further agree that counterparts of this Agreement hereto may be signed electronically via Adobe Sign, DocuSign protocol or other electronic platform. All such signatures may be used in the place of original "wet ink" signatures to this Agreement and shall have the same legal effect as the physical delivery of an original signature.

(i) **Rule of Construction**. The parties hereto acknowledge that the parties and their respective counsel have each reviewed and revised this Agreement, and that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement or any amendments or exhibits hereto.

(j) **No Recording of Agreement.** Neither party (nor any of their respective agents or representatives) shall record this Agreement (or any memorandum or short form of this Agreement) without the prior written consent of the other.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

(k) Business Day. "Business Day" means a date that is not a Saturday, Sunday or holiday observed by federally chartered banks in the State where the Property is located. Whenever any determination is to be made or action to be taken on a date specified in this Agreement, if the date falls upon a date that is not a Business Day, the date for the determination or action shall be extended to the first Business Day immediately thereafter.

(l) Post-Closing Covenants.

(i) Purchaser agrees that as part of its development of the Land, Purchaser shall construct and install a berm and landscaping along the boundary of the Land between the Land and Seller's adjoining cemetery land (the "Cemetery") in accordance with plans and specifications prepared by Purchaser and approved by Seller on or before the end of the Inspection Period (the "Boundary Screening").

(ii) Purchaser agrees that, for a period of twelve (12) consecutive months following the Closing Date, Purchaser shall not sell, convey or transfer an interest in the Property or an interest in Purchaser or enter into any agreement to sell, convey or transfer an interest in the Property or an interest in Purchaser (a "Transfer") to or with any party; provided however, the foregoing shall not apply to any Transfer by Purchaser to an affiliate of Purchaser, an affiliate of Purchaser's direct or indirect owners, partners, members or managers ("Purchaser's Managers"), or entities under common control, controlling, controlled by and/or managed by Purchaser or Purchaser's Managers. Notwithstanding the provisions of the foregoing proviso, absent Seller's prior written consent, any Transfer to Nation Pizza Products LLC ("Pizza Nation") or an entity affiliated with Pizza Nation has an ownership interest shall be a non-permitted Transfer. If Purchaser breaches this covenant, Seller shall be entitled to damages in an amount equal to the difference between the consideration received by Purchaser in connection with such Transfer and the Sales Price. Purchaser represents and warrants that it is not entering into this Agreement with the intention of making a Transfer during the 12-month period commencing on the Closing Date.

(iii) Purchaser and Seller shall enter into an agreement at Closing memorializing the provisions of this Section 17(l). Purchaser and Seller agree to use reasonable efforts to finalize the terms of any such agreement prior to the expiration of the Inspection Period, on such terms and conditions as are reasonably acceptable to both parties.

(m) Schedule and Exhibits. The following schedules and exhibits are hereby incorporated into this Agreement:

Exhibit A	-	Legal Description of Land
Exhibit B	-	Form of Special Warranty Deed
Exhibit C	-	Non-Foreign Affidavit

(n) Marketing of Property. Seller acknowledges and agrees that Purchaser may enter into a listing agreement with a real estate broker to actively market the Property for lease during the term of this Agreement (and such marketing shall be expressly permitted hereunder).

(o) Not applicable

[*Signature pages follow*.]

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXECUTED to be effective as of the Effective Date.

PURCHASER:

LPC ACQUISITION COMPANY, LLC,
a Delaware limited liability company

By: Logistics Property Company, LLC, a Delaware limited liability company, its sole member and managing member

By:
Name: Aaron S. Martell
Title: Executive Vice President

Date: September 2, 2021

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

SELLER:

THE CATHOLIC BISHOP OF CHICAGO,
an Illinois corporation sole

By: Eric Wollan
Name: Eric Wollan
Title: Chief Capital Assets officer
Date: 9/3, 2021

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXHIBIT A
to
Purchase and Sale Agreement

LEGAL DESCRIPTION OF LAND

To come following completion of the Survey.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXHIBIT B
to
Purchase and Sale Agreement

FORM OF SPECIAL WARRANTY DEED

This Instrument Prepared By:
Douglas E. Wambach
Burke, Warren, MacKay & Serritella, P.C.
& Serritella, P.C.
330 North Wabash Avenue
21st Floor
Chicago, IL 60611

Upon Recordation Mail To:
_____
_____
_____
_____

SPECIAL WARRANTY DEED

THIS INDENTURE made this _____ day of _____, 20___, between The Catholic Bishop of Chicago, an Illinois corporation sole (the "Grantor"), and _____ (the "Grantee"), WITNESSETH, that the Grantor, for and in consideration of the sum of Ten ($10.00) Dollars, and other good and valuable consideration, the receipt whereof is hereby acknowledged, by these presents does GRANT, BARGAIN, SELL AND CONVEY unto the Grantee, and to its successors and assigns, FOREVER, all the following described real estate, situated in the County of Cook and State of Illinois , known and described as follows, to wit:

SEE EXHIBIT A ATTACHED HERETO

Together with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof, and all the estate, right, title, interest, claim or demand whatsoever, of the Grantor, either in law or equity, of, in and to the above-described premises, with the hereditaments and appurtenances. TO HAVE AND TO HOLD the said premises as above described, with the appurtenances, upon the Grantee, its successors and assigns forever;

And the Grantor, for itself, and its successors, does covenant, promise and agree, to and with the Grantee, its successors and assigns, that it has not done or suffered to be done, anything whereby the said premises hereby granted are, or may be, in any manner encumbered or charged, except as herein recited; and that the said premises, against all persons lawfully claiming, or to claim the same, by, through or under it, it WILL WARRANT AND DEFEND, subject to:

SEE EXHIBIT B ATTACHED HERETO

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

Permanent Real Estate Index Number: PIN: _____

Address of real estate: Vacant Land, Palatine, Illinois

IN WITNESS WHEREOF, the Grantor has caused its name to be signed to these presents the day and year first above written.

THE CATHOLIC BISHOP OF CHICAGO,
an Illinois corporation sole

By:_____
Name:_____
Title:_____

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

STATE OF _____)
) SS
COUNTY OF _____)

I, the undersigned, a Notary public in and for said County, in the State aforesaid, DO HEREBY CERTIFY that _____, personally known to me to be the _____ of _____, and personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that as such _____ [he] [she] signed and delivered the said instrument as [his] [her] free and voluntary act, and as the free and voluntary act and deed of said _____, for the uses and purposes therein set forth.

Given under my hand and official seal, this _____ day of _____, ____.

Commission expires _____, 202____ _____
Notary Public

SEND SUBSEQUENT TAX BILLS TO:

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXHIBIT A
to
Special Warranty Deed

LEGAL DESCRIPTION

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXHIBIT B
to
Special Warranty Deed

PERMITTED EXCEPTIONS

[TO COME]

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXHIBIT C
to
Special Warranty Deed

USE RESTRICTIONS

Grantee agrees and covenants the following ("Use Restrictions") to apply to any commercial use of the Property (the following shall not apply to any part of the Property developed and used for residential uses):

a. It will not use nor permit the use of the name "Roman Catholic Church", "The Catholic Bishop of Chicago", "St. Michael" or any derivative of the aforementioned in connection with any operations or activities on the subject Property unless Grantee obtains Grantor's prior written consent.

b. It will not use, permit others to use or lease or otherwise transfer the use of the subject Property or any portion thereof to any person who uses or will use the Property or any portion thereof as a facility in which:

i. Research, performance, advocacy or counseling in favor of any of the following are conducted:
   1. Abortion;
   2. Sterilization;
   3. In vitro fertilization;
   4. Surrogate motherhood;
   5. Experimentation on human embryos;
   6. Destruction of human embryos;
   7. Human cloning;
   8. Gender reassignment;
   9. Stem cell research where the source of stem cells is either human embryos or fetal tissues and organs from induced abortions;
   10. Euthanasia;
   11. Assisted suicide; or
   12. Death by means other than natural causes;

ii. Distribution or retail sales of artificial contraception occur; provided, however, this prohibition shall not apply where such distribution or sales are incidental to gross revenues generated by the facility or to the value of an organization's goods and services. Notwithstanding the foregoing, for purposes of this provision distribution shall not include distribution through a warehouse use whose sale of artificial contraception does not constitute the majority of gross sales;

iii. Satanism, atheism, recourse to mediums, palm-reading, astrology or related activities are advocated or practiced;

iv. Pornographic or soft pornographic media or "adult" items are displayed, sold, rented or available for viewing;

v. Live performances or escort services directed to an adult audience rather than a general audience are operated or conducted;

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

vi. Drug paraphernalia are sold;

c. Other Prohibitions.

i. Any use which emits an unreasonably obnoxious odor, noise or sound which can be heard or smelled outside of the property lines of the Property.

ii. Any junkyard or other use which includes the dumping, disposing, incineration or reduction of garbage; provided, however, this prohibition shall not be applicable to garbage compactors not visible from the street.

d. Grantee shall not allow any Artistic Production to occur in any of the buildings on the Property. An "Artistic Production" shall mean any form of artistic production, including live productions, filmed productions or displays of painted, sketched, photograph or sculptural works; provided, however, the foregoing shall not apply with respect to typical signage, typical office artwork and similar matters that may be typically found in a commercial warehouse environment.

In the event Grantee or its successors and assigns fail to comply with any of the Use Restrictions, Grantor may pursue any and all remedies available at law or in equity, including but not limited to the right to obtain temporary, preliminary, and permanent injunctive relief to restrain and enjoin violations of the covenants without requirement of bond. Grantor shall have the right to all costs and expenses, including attorney's fees incurred in the enforcement or defense of these Use Restrictions, and any other damages suffered by Grantor as a result of any breach of these Use Restrictions.

Grantee on behalf of itself and its successors and assigns in title waives any claims and defenses as to the enforceability or unenforceability of the abovementioned Use Restrictions.

In the event that any of the above and separate and distinct Use Restrictions or the application thereof shall be deemed invalid or unenforceable under applicable law, such determination shall in no manner affect the other Use Restrictions, which shall remain in full force and effect as if the restriction deemed invalid or unenforceable were not originally a part of this Section.

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

EXHIBIT C
to
Purchase and Sale Agreement

NON-FOREIGN AFFIDAVIT

Section 1445 of the Internal Revenue Code of 1986, as amended, provides that a transferee of a U.S. real property interest must withhold tax if the transferor is a foreign person. To inform the transferee that withholding of tax is not required upon the disposition of a U.S. real property interest by _____, a _____ ("Transferor"), the undersigned hereby certifies the following on behalf of the Transferor.

1. Transferor is not a foreign corporation, foreign partnership, foreign trust, foreign estate, or foreign person (as those terms are defined in the Internal Revenue Code and the Income Tax Regulations promulgated thereunder);

2. Transferor's U.S. employer identification number is _____; and

3. Transferor's address is _____.

Transferor understands that this certification may be disclosed to the Internal Revenue Service by the transferee and that any false statement contained herein could be punished by fine, imprisonment, or both.

Under penalties of perjury the undersigned declares that it has examined this certification and to the best of its knowledge and belief it is true, correct and complete, and it further declares that it has authority to sign this document on behalf of Transferor.

Executed to be effective as of _____, 2021.

TRANSFEROR:

THE CATHOLIC BISHOP OF CHICAGO,
an Illinois corporation sole

By: _____
Name: _____
Title: _____

Attachment: 623 E Algonquin Packet 4.6.22 PIN Update (623 E Algonquin - 6B Tax Classification Request)

COOK COUNTY ASSESSOR
FRITZ KAEGI

COOK COUNTY ASSESSOR'S OFFICE
118 NORTH CLARK STREET, CHICAGO, IL 60602
PHONE: 312.443.7550 FAX: 312.603.3616
WWW.COOKCOUNTYASSESSOR.COM

CLASS 6B
ELIGIBILITY BULLETIN

Cook County Living Wage Ordinance

Please be advised that every applicant for this incentive will be required to provide an affidavit to the Assessor's Office to confirm compliance with the Cook County Living Wage Ordinance. The Cook County Assessor will not grant any request for incentive classification until it receives the required affidavit.

Incentive Benefits

The Class 6b classification is designed to encourage industrial development throughout Cook County by offering a real estate tax incentive for the development of new industrial facilities, the rehabilitation of existing industrial structures, and the industrial reutilization of abandoned buildings. The goal of Class 6b is to attract new industry, stimulate expansion and retention of existing industry and increase employment opportunities.

Under the incentive provided by Class 6b, qualifying industrial real estate would be eligible for the Class 6b level of assessment from the date that new construction or substantial rehabilitation is completed and initially assessed or, in the case of abandoned property, from the date of substantial re-occupancy. Properties receiving Class 6b will be assessed at 10% of market value for the first 10 years, 15% in the 11th year and 20% in the 12th year. This constitutes a substantial reduction in the level of assessment and results in significant tax savings. In the absence of this incentive, industrial real estate would normally be assessed at 25% of its market value.

Where buildings or other structures qualify for the incentive as new construction or as abandoned property as defined below, the reduced level of assessment under Class 6b will apply to those structures in their entirety as well as to the land upon which they are situated. Where there is substantial rehabilitation of an existing structure which has not been abandoned, the reduced incentive level of assessment is applicable to the additional market value attributable to the rehabilitation, including qualified land related to the rehabilitation. ***(Please note that the additional value attributable to the rehabilitation for assessment purposes is likely to be lower than the actual amount spent on the rehabilitation.)*** Land qualifies when the rehabilitation adds vertical or horizontal square footage to the improvements. The amount of land eligible for the incentive shall be in such proportion as the square footage added by the rehabilitation bears to the total square footage of the improvements on the parcel.

Attachment: Cook County 6B Eligibility Bulletin (623 E Algonquin - 6B Tax Classification Request)

Eligibility Requirements

Real estate is eligible for Class 6b status under the following conditions:

1. The real estate is used primarily for "industrial purposes".
2. There is either (a) new construction, (b) substantial rehabilitation, or (c) substantial re-occupancy of "abandoned" property.
3. An Eligibility Application and supporting documents have been timely filed with the Office of the Assessor according to deadlines as set forth in the "What Must Be Filed" and "Time for Filing" sections of this Bulletin.
4. The municipality in which such real estate is located (or the County Board, if the real estate is located in an unincorporated area) must, by lawful resolution or ordinance, expressly state that it supports and consents to the filing of a Class 6b Application and that it finds Class 6b necessary for development to occur on the subject property.

The following definitions, as set forth in the Cook County Real Property Assessment Classification Ordinance, pertain to the Class 6b incentive provision:

Industrial purposes: "Any real estate used primarily in manufacturing ... or in the extraction or processing of raw materials unserviceable in their natural state to create new physical products or materials, or in the processing of materials for recycling, or in the transportation or storage of raw materials or finished or partially finished physical goods in the wholesale distribution of such materials or goods for sale or leasing."

Manufacturing: "The material staging and production of goods used in procedures commonly regarded as manufacturing, processing, fabrication, or assembling which changes existing material into new shapes, new qualities, or new combinations and including research and development associated with the production of goods."

Abandoned property: "Buildings and other structures that, after having been vacant and unused for at least 24 continuous months, are purchased for value by a purchaser in whom the seller has no direct financial interest." An exception to this definition shall be, “if the municipality or the Board of Commissioners, as the case may be, finds that special circumstances justify finding that the property is ‘abandoned’ for the purpose of Class 6b.”

The finding of abandonment, along with the specification of the special circumstances, shall be included in the resolution or ordinance supporting and consenting to the incentive application. Not withstanding the foregoing, special circumstances may not be determined to justify finding that a property is deemed “abandoned” where:

A. There has been a purchase for value and the buildings and other structures have not been vacant and unused prior to such purchase; or

B. There has been no purchase for value and the buildings and other structures have been vacant and unused for less than 24 continuous months.

If the ordinance or resolution containing a finding of “special circumstances” is that of a municipality, the approval of the County Board of Commissioners is required to validate such a finding that the property is deemed “abandoned” for purposes of the incentive, and a resolution to that effect shall be included with the eligibility application.

What Must Be Filed

An applicant seeking the reclassification of real estate to Class 6b is required to file a "Class 6b Eligibility Application" with the Office of the Assessor. At the time of filing the application, a filing fee of $500.00 must be paid. In addition, an applicant may submit, at the same time, a certified copy of an ordinance or resolution adopted by the municipality in which the real estate is located (or the County Board, if the real estate is located in an unincorporated area) expressly stating that it supports and consents to the filing of a Class 6b Application and that it finds Class 6b necessary for development to occur on the subject property. If the resolution is not filed at the time the Eligibility Application is submitted to the Assessor, the applicant must file, at that time, a letter from the municipality or the County Board confirming that a resolution or ordinance supporting the incentive has been requested. If the applicant is seeking to apply based on the reoccupation of abandoned property and will be seeking a finding of “special circumstances” from the municipality, in addition to obtaining a letter from the municipality confirming that a resolution or ordinance supporting the incentive has been requested, the applicant must also file a letter from the County Board confirming that a resolution validating a municipal finding of special circumstances has been requested.

Should the municipality or the County Board, at a later date, deny the applicant’s request for a resolution or ordinance, whether or not construction or re-occupancy has begun, the applicant will be deemed ineligible for reclassification to Class 6b. Any information that is not known or any supporting documents that are not available at the time of the initial filing must be submitted as a supplement to the Application.

After the construction or re-occupancy has taken place, an applicant must also file an "Incentives Appeal Form" requesting that the real estate be reclassified to Class 6b. At the time of filing the appeal, an appeal fee of $100.00 must be paid. If a resolution from the municipality where the property is located, or the Cook County Board of Commissioners if located in an unincorporated area, was not filed with the Eligibility Application, the applicant must file a certified copy of the resolution or ordinance supporting the incentive at this time. No final action on a request for reclassification to Class 6b will be taken until an Appeal and an Eligibility Application, along with the required documentation as described therein, are completed and filed with the Office of the Assessor.

In addition, during the term of the incentive, the Class 6b recipient must file a triennial affidavit attesting to the use of the property and the number of workers employed at the Class 6b site. The Assessor will mail Class 6b recipients the affidavit forms at the time of their triennial reassessments. The affidavit must be signed, notarized and returned to the Assessor within three weeks. Failure to file the triennial affidavits within that time will result in the loss of the incentive.

Time for Filing

The Eligibility Application along with the appropriate resolution or letter confirming that a resolution has been requested *must be filed* with the Assessor *prior to*, but no earlier than one year before, *commencement of new construction* (excluding demolition, if any) *or substantial rehabilitation*. With respect to abandoned property, the eligibility application must be made to the Assessor ***prior to the commencement of the reoccupation of the vacant and unused property***.

Where reoccupation of "abandoned" property and subsequent substantial rehabilitation is planned, a single Eligibility Application and resolution, ordinance, or letter confirming that a resolution has been requested, may be filed for both situations, provided that the Application is filed prior to the commencement of reoccupation and such rehabilitation.

To finalize the classification change, a "Real Estate Assessed Valuation Appeal" must be filed after the construction or re-occupancy has taken place. In instances where a certified copy of an ordinance or resolution expressly stating that the municipality or County Board supports and consents to filing of a Class 6b Application has not yet been filed, it must be filed at this time. For the purpose of certifying final assessments on a timely basis to the Board of Appeals, deadlines for filing Appeals are established on a township basis. Check with the Office of the Assessor to determine when the deadline occurs for a particular township.

The 6b classification may be renewed during the last year in which a property is entitled to a 10% assessment level or when the incentive is still applied at the 15% or 20% assessment level, by filing a renewal application and a certified copy of a resolution or ordinance adopted by the municipality in which the real estate is located, or by the County Board, if located in an unincorporated area of Cook County, expressly stating that it supports and consents to the renewal of the Class 6b incentive and that it has determined that the industrial use of the property is necessary and beneficial to the local economy. The notice of intent to request renewal will be forwarded by the Assessor's Office to the Cook County Board. The owners must notify the Assessor's Office of their intent to request renewal at the time they request a resolution or ordinance agreeing to the renewal from the municipality or County Board. The number of renewal period requests is not limited.

Questions regarding Class 6b may be directed to the Development Incentives Department of the Office of the Cook County Assessor, Room 301, 118 North Clark Street, Chicago, Illinois 60602, (312) 603-7529.

Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 2 Project

BACKGROUND:
Harvard Court and Mallard Drive, including the cul-de-sacs connecting to Mallard Drive south of Illinois Avenue, are recommended for water main replacement due to their age and the number of breaks that have occurred over the last several years. The water main replacement on Harvard Court will be from Illinois Avenue to the dead end (approximately 214 feet). The water main replacement on Mallard Drive will be from Illinois Avenue to Falmore Drive and includes Pintail Court, Mallard Court, Tern Drive and Gull Court (approximately 2,578 feet).

KEY ISSUES:

- On Tuesday, March 22, 2022, four bids were received, ranging from a high of $999,679.50 to a low of $837,777.
- The low responsive and responsible bidder was Holiday Sewer and Water Construction, Incorporated of Wauconda, Illinois in the amount of $837,777.
- The Engineer's estimate was $927,768.70.

ALTERNATIVES:

1. Award the contract for the 2022 Water Main Replacement Contract 2 to Holiday Sewer and Water Construction.
2. Refer back to Staff with comments.

RECOMMENDATION:
It is recommended that the contract for the 2022 Water Main Replacement Contract 2 Project be awarded to Holiday Sewer and Water Construction.

BUDGET IMPACT:
Funding is available in the water fund of the 2022 Capital Improvement Program to accommodate this work.

ACTION REQUIRED:
Motion to award the contract for the 2022 Water Main Replacement Contract 2 Project to Holiday Sewer and Water Construction, Incorporated of Wauconda, Illinois in the amount of $837,777.

ATTACHMENTS:

- Bid Tab-2022 Water Main Replacement Contract 2

VILLAGE OF PALATINE

Bidding Summary
2022 Water Main Replacement Contract 2
11:00 AM Tuesday, March 22, 2022

	Bidding Contractors	As Read Bid Amount	As Corrected Bid Amount
1	Holiday Sewer & Water Construction, Inc.	$ 837,777.00	Correct as Read
2	Gerardi Sewer & Water Co.	$ 886,084.00	$ 886,078.90
3	J. Congdon Sewer Service, Inc.	$ 904,284.00	Correct as Read
4	John Neri Construction Co., Inc.	$ 999,679.50	Correct as Read

Attachment: Bid Tab-2022 Water Main Replacement Contract 2 (2022 Water Main Replacement Contract 2)

Bid open: 11:00 AM Tuesday, March 22, 2022
Location: Village Hall

VILLAGE OF PALATINE - DEPARTMENT OF PUBLIC WORKS
TABULATION OF BIDS
FOR
2022 Water Main Replacement Contract 2
DPW- 2222
Section # N/A

COMPUTED BY: KML

Red unit price = unit price is above median unit price
Blue unit price = unit price is equal to median unit price
Green unit price = unit price is below median unit price

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Cost Estimate UNIT PRICE	Cost Estimate TOTAL	Low Bidder: Holiday Sewer & Water Construc, 1000 N. Rand Rd., Ste. 116, Wauconda, IL 60084, (847) 526-3788, Fax (847) 526-3739 UNIT PRICE	Low Bidder TOTAL	2: Gerardi Sewer & Water Co., 1785 Armitage Court, Addison, IL 60101, (630) 519-5116, Fax (630) 656-1180 UNIT PRICE	2 TOTAL	3: J. Congdon Sewer Service, I, 170-A Alexandra Way, Carol Stream, IL 60188, (630) 510-2434, Fax (630) 510-9255 UNIT PRICE	3 TOTAL	4: John Neri Construction C, 770 W. Factory Roa, Addison, IL 60101, (630) 629-8384, Fax (630) 629-7001 UNIT PRICE	4 TOTA
1	SUPPLEMENTAL WATERING	UNIT	23	$45.00	$1,035.00	$1.00	$23.00	$1.00	$23.00	$1.00	$23.00	$1.00	$23
2	TRENCH BACKFILL	CU YD	1,920	$15.00	28,800.00	$0.01	19.20	0.01	19.20	1.00	1,920.00	38.00	72,96
3	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	914	$8.50	7,769.00	$6.00	5,484.00	5.00	4,570.00	5.00	4,570.00	9.00	8,22
4	SEEDING, CLASS 1	ACRE	.2	$12,200.00	2,440.00	$10.00	2.00	10,000.00	2,000.00	10,000.00	2,000.00	15,000.00	3,00
5	EROSION CONTROL BLANKET	ACRE	914	$3.00	2,742.00	$4.00	3,656.00	4.00	3,656.00	4.00	3,656.00	5.00	4,57
6	INLET FILTERS	EACH	19	$60.00	1,140.00	$1.00	19.00	10.00	190.00	25.00	475.00	150.00	2,85
7	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	100	$22.00	2,200.00	$15.00	1,500.00	15.00	1,500.00	15.00	1,500.00	14.00	1,40
8	DETECTABLE WARNINGS	SQ FT	20	$45.00	900.00	$35.00	700.00	35.00	700.00	35.00	700.00	40.00	80
9	SIDEWALK REMOVAL	SQ FT	100	$11.00	1,100.00	$5.00	500.00	5.00	500.00	5.00	500.00	3.00	30
10	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	2,623	$45.00	118,035.00	$43.00	112,789.00	36.00	94,428.00	35.00	91,805.00	62.00	162,62
11	STORM SEWER REMOVAL 8"	FOOT	101	$7.00	707.00	$1.00	101.00	4.00	404.00	1.00	101.00	5.00	50
12	STORM SEWER REMOVAL 10"	FOOT	23	$8.50	195.50	$1.00	23.00	5.00	115.00	1.00	23.00	5.00	11
13	STORM SEWER REMOVAL 12"	FOOT	18	$9.00	162.00	$1.00	18.00	6.00	108.00	1.00	18.00	7.00	12
14	DUCTILE IRON WATER MAIN 8"	FOOT	2,757	$115.00	317,055.00	$130.00	358,410.00	125.00	344,625.00	135.00	372,195.00	118.00	325,32
15	FIRE HYDRANTS TO BE REMOVED	EACH	10	$620.00	6,200.00	$200.00	2,000.00	600.00	6,000.00	500.00	5,000.00	800.00	8,00
16	NON-SPECIAL WASTE DISPOSAL	CU YD	60	$30.00	1,800.00	$1.00	60.00	50.00	3,000.00	65.00	3,900.00	5.00	30
17	MOBILIZATION	L SUM	1	$17,500.00	17,500.00	$50,000.00	50,000.00	25,000.00	25,000.00	41,200.00	41,200.00	10,200.00	10,20
18	CONSTRUCTION LAYOUT	L SUM	1	$5,500.00	5,500.00	$398.30	398.30	5,000.00	5,000.00	5,000.00	5,000.00	4,500.00	4,50
19	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 8"	FOOT	77	$80.00	6,160.00	$55.00	4,235.00	90.00	6,930.00	50.00	3,850.00	88.00	6,77
20	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 10"	FOOT	23	$93.00	2,139.00	$65.00	1,495.00	105.00	2,415.00	60.00	1,380.00	110.00	2,53
21	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	18	$105.00	1,890.00	$75.00	1,350.00	120.00	2,160.00	70.00	1,260.00	140.00	2,52
22	GATE VALVE 8" WITH VAULT, 5' DIAMETER	EACH	11	$4,500.00	49,500.00	$3,500.00	38,500.00	4,500.00	49,500.00	4,000.00	44,000.00	5,800.00	63,80
23	SANITARY SEWER REMOVAL AND REPLACEMENT 6"	FOOT	160	$50.00	8,000.00	$25.00	4,000.00	20.00	3,200.00	25.00	4,000.00	56.00	8,96
24	WATER MAIN TO BE ABANDONED, 6"	FOOT	2,801	$6.60	18,486.60	$1.00	2,801.00	1.00	2,801.00	1.00	2,801.00	4.00	11,20
25	WATER MAIN REMOVAL, 6"	FOOT	29	$6.50	188.50	$1.00	29.00	4.00	116.00	1.00	29.00	5.00	14
26	WATER MAIN REMOVAL, 8"	FOOT	8	$7.00	56.00	$1.00	8.00	4.00	32.00	1.00	8.00	5.00	4
27	WATER MAIN REMOVAL, 10"	FOOT	5	$10.00	50.00	$1.00	5.00	4.00	20.00	1.00	5.00	5.00	2

Attachment: Bid Tab-2022 Water Main Replacement Contract 2 (2022 Water Main Replacement Contract 2)

Bid open: 11:00 AM Tuesday, March 22, 2022
Location: Village Hall

VILLAGE OF PALATINE - DEPARTMENT OF PUBLIC WORKS
TABULATION OF BIDS
FOR
2022 Water Main Replacement Contract 2
DPW- 2222
Section # N/A

COMPUTED BY: KML

Red unit price = unit price is above median unit price
Blue unit price = unit price is equal to median unit price
Green unit price = unit price is below median unit price

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Cost Estimate UNIT PRICE	Cost Estimate TOTAL	Low Bidder: Holiday Sewer & Water Construc, 1000 N. Rand Rd., Ste. 116, Wauconda, IL 60084, (847) 526-3788, Fax (847) 526-3739 UNIT PRICE	Low Bidder TOTAL	2: Gerardi Sewer & Water Co., 1785 Armitage Court, Addison, IL 60101, (630) 519-5116, Fax (630) 656-1180 UNIT PRICE	2 TOTAL	3: J. Congdon Sewer Service, I, 170-A Alexandra Way, Carol Stream, IL 60188, (630) 510-2434, Fax (630) 510-9255 UNIT PRICE	3 TOTAL	4: John Neri Construction C, 770 W. Factory Roa, Addison, IL 60101, (630) 629-8384, Fax (630) 629-7001 UNIT PRICE	4 TOTA
28	WATER MAIN LINE STOP 6"	EACH	1	$5,000.00	5,000.00	$3,500.00	3,500.00	4,000.00	4,000.00	3,250.00	3,250.00	4,600.00	4,60(
29	WATER MAIN LINE STOP 10"	EACH	2	$7,000.00	14,000.00	$5,000.00	10,000.00	5,000.00	10,000.00	4,850.00	9,700.00	6,400.00	12,80(
30	WATER SERVICE CONNECTION (SHORT)	EACH	17	$2,420.00	41,140.00	$2,000.00	34,000.00	1,200.00	20,400.00	2,700.00	45,900.00	2,100.00	35,70(
31	WATER SERVICE CONNECTION (LONG)	EACH	27	$3,350.00	90,450.00	$2,000.00	54,000.00	2,400.00	64,800.00	2,700.00	72,900.00	2,950.00	79,65(
32	FIRE HYDRANT COMPLETE	EACH	10	$6,300.00	63,000.00	$7,500.00	75,000.00	6,250.00	62,500.00	6,500.00	65,000.00	6,500.00	65,00(
33	VALVE VAULTS TO BE REMOVED	EACH	11	$365.00	4,015.00	$100.00	1,100.00	275.00	3,025.00	250.00	2,750.00	500.00	5,50(
34	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$25,000.00	25,000.00	$10,000.00	10,000.00	61,650.00	61,650.00	41,200.00	41,200.00	8,500.00	8,50(
35	DOMESTIC WATER SERVICE BOX TO BE REPLACED	EACH	5	$460.00	2,300.00	$100.00	500.00	400.00	2,000.00	500.00	2,500.00	100.00	50(
36	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 8"	EACH	1	$3,955.00	3,955.00	$3,500.00	3,500.00	4,500.00	4,500.00	3,000.00	3,000.00	2,800.00	2,80(
37	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 6"	EACH	2	$3,150.00	6,300.00	$3,000.00	6,000.00	4,000.00	8,000.00	2,500.00	5,000.00	2,500.00	5,00(
38	PRECONSTRUCTION VIDEO TAPING	L SUM	1	$1,000.00	1,000.00	$136.50	136.50	1,000.00	1,000.00	3,500.00	3,500.00	1,500.00	1,50(
39	PVC CASING PIPE 15"	FOOT	202	$80.00	16,160.00	$25.00	5,050.00	120.00	24,240.00	75.00	15,150.00	155.00	31,31(
40	REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)	FOOT	149	$42.00	6,258.00	$80.00	11,920.00	80.00	11,920.00	80.00	11,920.00	45.00	6,70[
41	DUCTILE IRON WATER MAIN 8", PUSHED THROUGH CASING	FOOT	35	$115.00	4,025.00	$125.00	4,375.00	100.00	3,500.00	125.00	4,375.00	95.00	3,32[
42	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 10"	FOOT	1	$4,400.00	4,400.00	$5,000.00	5,000.00	5,500.00	5,500.00	3,000.00	3,000.00	3,500.00	3,50(
43	TRACE WIRE #10 AWG COPPER CLAD STEEL WIRE	FT	3,170	$1.03	3,265.10	$1.00	3,170.00	0.01	31.70	1.00	3,170.00	1.25	3,96[
44	STEEL CASING PIPE, BORED AND JACKED, 18"	FOOT	35	$700.00	24,500.00	$540.00	18,900.00	1,000.00	35,000.00	430.00	15,050.00	600.00	21,00(
45	LEAD WATER SERVICE REPLACEMENT (SPECIAL)	EACH	1	$11,250.00	11,250.00	$3,500.00	3,500.00	5,000.00	5,000.00	5,000.00	5,000.00	6,500.00	6,50(
	TOTAL BID AS READ					$	837,777.00	$	886,084.00	$	904,284.00	$	999,679.
	TOTAL BID AS CORRECTED			$	927,768.70			$	886,078.90				
	PROPOSAL GUARANTEE					5.00%		5.00%		5.00%		5.00%	
	COMMENTS							SUMMATION ERROR					

Attachment: Bid Tab-2022 Water Main Replacement Contract 2 (2022 Water Main Replacement Contract 2)

Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 3 Project

BACKGROUND:
Home Avenue, Ridge Trail, Baldwin Road, Gardenia Lane and Colfax Street are recommended for water main replacement due to their age and the number of breaks that have occurred over the last several years. The water main replacement on Home Avenue will be from Del Mar Drive to Thackeray Drive (approximately 245 feet). The water main replacement on Ridge Trail will be from Smith Street to the end of the cul-de-sac (approximately 246 feet). The water main replacement on Baldwin Road will be from south of Inverrary Lane to Dundee Road (approximately 787 feet). The water main replacement on Gardenia Lane will be from Old Hicks Road to Capri Drive (approximately 1,652 feet). The water main on Colfax Street will be at Eric Drive (approximately 30 feet).

KEY ISSUES:

- On Tuesday, April 5, 2022, four bids were received, ranging from a high of $1,485,000 to a low of $1,155,092.50.
- The low responsive and responsible bidder was John Neri Construction Company, Incorporated of Addison, Illinois in the amount of $1,155,092.50.
- The Engineer's estimate was $1,435,645.

ALTERNATIVES:

1. Award the contract for the 2022 Water Main Replacement Contract 3 to John Neri Construction Company Incoirporated.
2. Refer back to Staff with comments.

RECOMMENDATION:
It is recommended that the contract for the 2022 Water Main Replacement Contract 3 Project be awarded to John Neri Construction.

BUDGET IMPACT:
Funding is available in the water fund of the 2022 Capital Improvement Program to accommodate this work.

ACTION REQUIRED:
Motion to award the contract for the 2022 Water Main Replacement Contract 3 Project to John Neri Construction Company, Incorporated of Addison, Illinois in the amount of $1,155,092.50.

ATTACHMENTS:

- Bid Tab-2022 Water Main Replacement Contract 3

VILLAGE OF PALATINE

Bidding Summary
2022 Water Main Replacement Contract 3
11:00 AM Tuesday, April 5, 2022

	Bidding Contractors	As Read Bid Amount	As Corrected Bid Amount
1	John Neri Construction Co., Inc.	$ 1,155,092.50	Correct as Read
2	J. Congdon Sewer Service, Inc.	$ 1,208,551.64	Correct as Read
3	Concept Plumbing, Inc.	$ 1,315,341.00	$ 1,319,763.00
4	Holiday Sewer and Water Construction, Inc.	$ 1,485,000.00	Correct as Read

Attachment: Bid Tab-2022 Water Main Replacement Contract 3 (2022 Water Main Replacement Contract 3)

Bid open: 11:00 AM Tuesday, April 5, 2022
Location: Village Hall

VILLAGE OF PALATINE - DEPARTMENT OF PUBLIC WORKS
TABULATION OF BIDS
FOR
2022 Water Main Replacement Contract 3
DPW- 2223
Section # N/A

COMPUTED BY: KML

Red unit price = unit price is above median unit price
Blue unit price = unit price is equal to median unit price
Green unit price = unit price is below median unit price

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Cost Estimate UNIT PRICE	Cost Estimate TOTAL	Low Bidder: John Neri Construction C, 770 Factory Road, Addison, IL 60101, (630) 629-8384, Fax (630) 629-7001 UNIT PRICE	Low Bidder TOTAL	2: J. Congdon Sewer Service, In, 170-A Alexandra Way, Carol Stream, IL 60188, (630) 510-2434, Fax (630) 510-9255 UNIT PRICE	2 TOTAL	3: Concept Plumbing, Inc, 554 W. Wood Street, Palatine, IL 60067, (847) 776-6180, Fax (847) 776-6189 UNIT PRICE	3 TOTAL	4: Holiday Sewer and Water, 1000 N. Rand Rd., Ste. 1, Wauconda, IL 6008, (847) 526-3738, Fax (847) 526-3739 UNIT PRICE	4 TOTAL
1	TREE PROTECTION	LF	410	$4.00	$1,640.00	$5.00	$2,050.00	$6.00	$2,460.00	$7.00	$2,870.00	$5.00	$2,050
2	WATERMAIN REMOVAL	LF	25	$50.00	1,250.00	$5.00	125.00	0.01	0.25	11.00	275.00	10.00	250
3	TRENCH BACKFILL	CY	4,904	$50.00	245,200.00	$1.00	4,904.00	0.01	49.04	53.00	259,912.00	0.01	49
4	DRY CONNECTION TO EXISTING WATERMAIN (NON-PRESSURE)	EA	10.0	$5,000.00	50,000.00	$1,800.00	18,000.00	3,500.00	35,000.00	3,500.00	35,000.00	6,500.00	65,000
5	PRESSURE CONNECTION TO EXISTING WATERMAIN	EA	1	$7,000.00	7,000.00	$8,700.00	8,700.00	5,000.00	5,000.00	19,500.00	19,500.00	7,500.00	7,500
6	DUCTILE IRON WATERMAIN, CL. 52, WITH TRACER WIRE, 8"-OPEN CUT	LF	2,960	$100.00	296,000.00	$180.00	532,800.00	158.00	467,680.00	99.00	293,040.00	190.00	562,400
7	CUT AND CAP EXISTING WATERMAIN	EA	13	$2,000.00	26,000.00	$900.00	11,700.00	2,500.00	32,500.00	1,200.00	15,600.00	3,500.00	45,500
8	ABANDON EXISTING WATERMAIN	LF	2,729	$20.00	54,580.00	$0.50	1,364.50	1.00	2,729.00	15.00	40,935.00	1.00	2,729
9	REMOVE AND REPLACE 8" GATE VALVE IN EXISTING VAULT	EA	1	$5,000.00	5,000.00	$9,200.00	9,200.00	2,950.00	2,950.00	4,700.00	4,700.00	7,500.00	7,500
10	INSTALL TEMPORARY PLUG IN 8" WATERMAIN FOR TESTING AND REMOVE	EA	1	$2,000.00	2,000.00	$600.00	600.00	100.00	100.00	375.00	375.00	5,000.00	5,000
11	GATE VALVE-8", in 4' DIAMETER VAULT	EA	9	$7,000.00	63,000.00	$5,400.00	48,600.00	3,500.00	31,500.00	7,500.00	67,500.00	4,000.00	36,000
12	GATE VALVE-10", in 5' DIAMETER VAULT	EA	1	$10,000.00	10,000.00	$6,500.00	6,500.00	4,500.00	4,500.00	9,400.00	9,400.00	6,000.00	6,000
13	REMOVE EXISTING WATER VALVE AND VAULT	EA	2	$2,500.00	5,000.00	$1,200.00	2,400.00	500.00	1,000.00	1,200.00	2,400.00	250.00	500
14	REMOVE EXISTING WATER VALVE AND BOX	EA	4	$1,000.00	4,000.00	$200.00	800.00	250.00	1,000.00	100.00	400.00	250.00	1,000
15	REMOVE EXISTING WATER VALVE AND ABONDON VAULT	EA	2	$2,000.00	4,000.00	$800.00	1,600.00	250.00	500.00	600.00	1,200.00	500.00	1,000
16	FIRE HYDRANT TO BE REMOVED	EA	6	$1,000.00	6,000.00	$750.00	4,500.00	500.00	3,000.00	500.00	3,000.00	500.00	3,000
17	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EA	6	$7,000.00	42,000.00	$8,500.00	51,000.00	6,500.00	39,000.00	8,117.00	48,702.00	8,500.00	51,000
18	WATER SERVICE RECONNECTION, SHORT	EA	19	$1,500.00	28,500.00	$2,400.00	45,600.00	3,000.00	57,000.00	1,775.00	33,725.00	3,000.00	57,000
19	WATER SERVICE RECONNECTION, LONG	EA	3	$3,000.00	9,000.00	$1,500.00	4,500.00	3,000.00	9,000.00	2,696.00	8,088.00	3,500.00	10,500
20	PAVEMENT REMOVE AND REPLACE, FULL DEPTH	SY	2,211	$50.00	110,550.00	$66.00	145,926.00	72.75	160,850.25	83.00	183,513.00	65.00	143,715

Attachment: Bid Tab-2022 Water Main Replacement Contract 3 (2022 Water Main Replacement Contract 3)

Bid open: 11:00 AM Tuesday, April 5, 2022
Location: Village Hall

VILLAGE OF PALATINE - DEPARTMENT OF PUBLIC WORKS
TABULATION OF BIDS
FOR
2022 Water Main Replacement Contract 3
DPW- 2223
Section # N/A

COMPUTED BY: KML

Red unit price = unit price is above median unit price
Blue unit price = unit price is equal to median unit price
Green unit price = unit price is below median unit price

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Cost Estimate UNIT PRICE	Cost Estimate TOTAL	Low Bidder: John Neri Construction C, 770 Factory Road, Addison, IL 60101, (630) 629-8384, Fax (630) 629-7001 UNIT PRICE	Low Bidder TOTAL	2: J. Congdon Sewer Service, In, 170-A Alexandra Way, Carol Stream, IL 60188, (630) 510-2434, Fax (630) 510-9255 UNIT PRICE	2 TOTAL	3: Concept Plumbing, Inc, 554 W. Wood Street, Palatine, IL 60067, (847) 776-6180, Fax (847) 776-6189 UNIT PRICE	3 TOTAL	4: Holiday Sewer and Water, 1000 N. Rand Rd., Ste. 1, Wauconda, IL 6008, (847) 526-3738, Fax (847) 526-3739 UNIT PRICE	4 TOTAL
21	REMOVE AND REPLACE PCC CURB AND GUTTER	LF	155	$75.00	11,625.00	$45.00	6,975.00	80.00	12,400.00	57.00	8,835.00	80.00	12,400
22	REMOVE AND REPLACE PCC SIDEWALK	SF	707	$30.00	21,210.00	$12.00	8,484.00	12.00	8,484.00	17.00	12,019.00	12.00	8,484
23	CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SY	100	$100.00	10,000.00	$1.00	100.00	99.00	9,900.00	110.00	11,000.00	100.00	10,000
24	ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SY	150	$80.00	12,000.00	$1.00	150.00	35.45	5,317.50	57.00	8,550.00	40.00	6,000
25	CLASS D PATCHES	SY	224	$60.00	13,440.00	$1.00	224.00	70.90	15,881.60	61.00	13,664.00	60.00	13,440
26	F & P TOPSOIL	SY	785	$20.00	15,700.00	$8.00	6,280.00	5.00	3,925.00	6.00	4,710.00	8.00	6,280
27	SODDING (SPECIAL)	SY	785	$30.00	23,550.00	$15.00	11,775.00	10.00	7,850.00	15.00	11,775.00	8.00	6,280
28	DRAINAGE STRUCTURE INLET FILTER BASKET & CLEANING	EA	26	$200.00	5,200.00	$150.00	3,900.00	25.00	650.00	210.00	5,460.00	150.00	3,900
29	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LS	1	$55,000.00	55,000.00	$15,000.00	15,000.00	75,000.00	75,000.00	26,000.00	26,000.00	60,000.00	60,000
30	PRE-CONSTRUCTION VIDEO	LS	1	$5,000.00	5,000.00	$1,500.00	1,500.00	1,000.00	1,000.00	8,860.00	8,860.00	2,500.00	2,500
31	SURVEYING, STAKING & AS-BUILTS	LS	1	$25,000.00	25,000.00	$6,500.00	6,500.00	3,400.00	3,400.00	9,000.00	9,000.00	2,500.00	2,500
32	SOIL TESTING AND LPC-662/663 FORMS	LS	1	$5,000.00	5,000.00	$4,800.00	4,800.00	3,500.00	3,500.00	3,600.00	3,600.00	1,412.96	1,412
33	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	225	$125.00	28,125.00	$1.00	225.00	50.00	11,250.00	32.00	7,200.00	1.00	225
34	REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (Contaminated)	CY	275	$125.00	34,375.00	$1.00	275.00	65.00	17,875.00	79.00	21,725.00	1.00	275
35	REMOVE AND REPLACE SANITARY SEWER-6"	LF	120	$75.00	9,000.00	$60.00	7,200.00	25.00	3,000.00	90.00	10,800.00	50.00	6,000
36	REMOVE AND REPLACE STORM SEWER-6"	LF	18	$75.00	1,350.00	$60.00	1,080.00	50.00	900.00	85.00	1,530.00	55.00	990
37	REMOVE AND REPLACE STORM SEWER-12"	LF	246	$100.00	24,600.00	$105.00	25,830.00	70.00	17,220.00	115.00	28,290.00	95.00	23,370
38	REMOVE AND REPLACE STORM	LF	20	$200.00	4,000.00	$120.00	2,400.00	100.00	2,000.00	148.00	2,960.00	200.00	4,000
39	MANHOLE, TYPE A, 4' DIA. WITH TYPE 1 F & G, CLOSED LID	EA	1	$5,000.00	5,000.00	$3,800.00	3,800.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000
40	CATCH BASIN, TYPE A, 4' DIA. WITH TYPE 1 F & G, CLOSED LID	EA	4	$5,000.00	20,000.00	$4,200.00	16,800.00	4,200.00	16,800.00	3,800.00	15,200.00	3,500.00	14,000

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41	INLET, TYPE A, 24" DIA. WITH FRAME AND GRATE	EA	1	$2,000.00	2,000.00	$1,750.00	1,750.00	3,000.00	3,000.00	1,900.00	1,900.00	2,000.00	2,000
42	CORE CONNECTION INTO EXISTING STRUCTURE	EA	1	$3,000.00	3,000.00	$600.00	600.00	880.00	880.00	1,500.00	1,500.00	500.00	500
43	MOBILIZATION	LS	1	$30,000.00	30,000.00	$62,500.00	62,500.00	75,000.00	75,000.00	5,000.00	5,000.00	150,000.00	150,000
44	LINE STOP, 8"	EA	5	$6,000.00	30,000.00	$5,800.00	29,000.00	3,650.00	18,250.00	7,150.00	35,750.00	3,500.00	17,500
45	WATER SERVICE RECONNECTION-SPECIAL	EA	2	$4,000.00	8,000.00	$4,500.00	9,000.00	3,500.00	7,000.00	1,650.00	3,300.00	10,000.00	20,000
46	REMOVE AND REPLACE EXISTING B-BOX (SPECIAL)	EA	3	$3,000.00	9,000.00	$250.00	750.00	500.00	1,500.00	500.00	1,500.00	500.00	1,500
47	REMOVE AND REPLACE LEAD PIPE WATER SERVICE	EA	2	$10,000.00	20,000.00	$3,000.00	6,000.00	5,000.00	10,000.00	1,900.00	3,800.00	3,500.00	7,000
48	REMOVE AND REPLACE B-BOX, COMPLETE	EA	5	$2,000.00	10,000.00	$750.00	3,750.00	500.00	2,500.00	350.00	1,750.00	500.00	2,500
49	8" HDPE WATERMAIN DIRECTIONALLY DRILLED WITH TRACER WIRE	LF	95	$250.00	23,750.00	$185.00	17,575.00	150.00	14,250.00	210.00	19,950.00	950.00	90,250
	TOTAL BID AS READ					**$ 1,155,092.50**		**$ 1,208,551.64**		**$ 1,315,341.00**		**$ 1,485,000.**	
	TOTAL BID AS CORRECTED			**$ 1,435,645.00**						**$ 1,319,763.00**			
	PROPOSAL GUARANTEE					5.00%		5.00%		5.00%		5.00%	
	COMMENTS									**MULTIPLICATION ERROR IN ITEM 20.**			

Attachment: Bid Tab-2022 Water Main Replacement Contract 3 (2022 Water Main Replacement Contract 3)

Consider a Motion Authorizing the Village Manager to Execute a Proposal for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects

BACKGROUND:
Construction is scheduled for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects. Work is tentatively scheduled to commence in May with construction to be substantially completed by late July for Contract 2 and by early August for Contract 3.

KEY ISSUES:
- Utilizing Construction Engineering Services is recommended to meet procedural requirements, assure quality construction, and allow for the necessary intermittent attention needed during this construction project.
- A qualification-based selection process was used for construction engineering.
- Doland Engineering completed the design and permitting for Contract 3 and demonstrated their ability to perform construction engineering on behalf of the Village in 2021 for water main replacement and storm water improvement projects.

ALTERNATIVES:
1. Authorize the Village Manager to execute the proposal from Doland Engineering for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects.

2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends authorizing the Village Manager to execute the proposal from Doland Engineering for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects.

BUDGET IMPACT:
Funding is available in the water fund of the 2022 Capital Improvement Program to accommodate this work.

ACTION REQUIRED:
Motion to authorize the Village Manager to execute the proposal from Doland Engineering for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects in the not-to-exceed amount of $71,500.

ATTACHMENTS:

- Doland Proposal

Request for Proposal
2022 Watermain Replacement
Contract 2 & 3 (DPW-2222 & DPW-2223)
Construction Engineering Services
Village of Palatine
March 16, 2022

Submitted to:

Mr. George Ruppert, P.E.
Village Engineer
Village of Palatine

VILLAGE OF PALATINE
Est. 1866

Submitted by:

DOLAND ENGINEERING, LLC

Celebrating Over 50 years of Responsible Engineering - For Now, and the Future -

Attachment: Doland Proposal (Water Main Replacement Contracts 2 and 3 Construction Engineering Services)

DOLAND
ENGINEERING, LLC

March 16, 2022

Mr. George Ruppert
Village Engineer
Village of Palatine
200 E. Wood Street
Palatine, Illinois 60067

RE: 2022 Water Main Replacement
Contract 2 (DPW-2222): Harvard Ct., Mallard Dr., Pintail Ct., Mallard Ct., Tern Dr., Gull Ct.
Contract 3 (DPW-2223): Home Av., Ridge Tr., Gardenia Ln., Baldwin Rd., Colfax St.

Dear Mr. Ruppert,

It is with pleasure that Doland Engineering, LLC presents the Village of Palatine with this proposal for Water Main Replacement construction engineering services. We have a strong background in municipal engineering as we regularly provide construction engineering services to governmental agencies. We have served the Village of Palatine in the past on projects and we are confident that the Village staff has been fully satisfied with the quality of our firm's work. During those projects, we have fostered a strong relationship with the Village of Palatine staff by providing the highest quality consulting services. As a result of our highly qualified staff, our clients have full confidence in our leadership, planning, oversight, schedule and budget adherence, through full project completion and close out. The member of our professional staff who will represent our firm regarding all matters related to this proposal will be myself, Desiree Doland. My contact information is as follows:

Desiree D. Doland, P.E.
Doland Engineering, LLC
334 E. Colfax Street, Suite C
Palatine, IL 60067
Ph. (847) 991-5088 x117
Email: ddoland@dolandengineering.com

I look forward to the opportunity to work with you and your staff.

Sincerely,

Desiree D. Doland, P.E.
C.E.O.

334 EAST COLFAX STREET, SUITE C, PALATINE, ILLINOIS 60067
847.991.5088 • FAX 847.934.3427 • WWW.DOLANDENGINEERING.COM

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B. Project Approach

C. Project Construction Services

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A. Project Timeline/Milestones

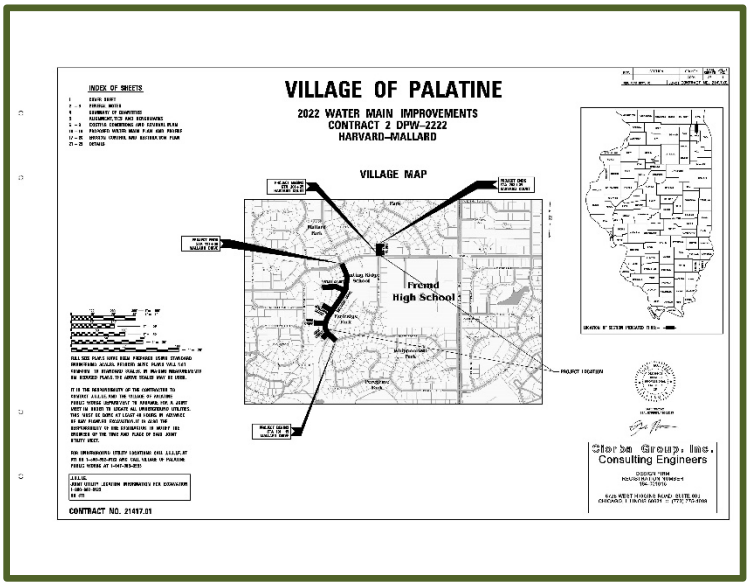
B. Construction Engineering Fee Schedule

Attachment: Doland Proposal (Water Main Replacement Contracts 2 and 3 Construction Engineering Services)

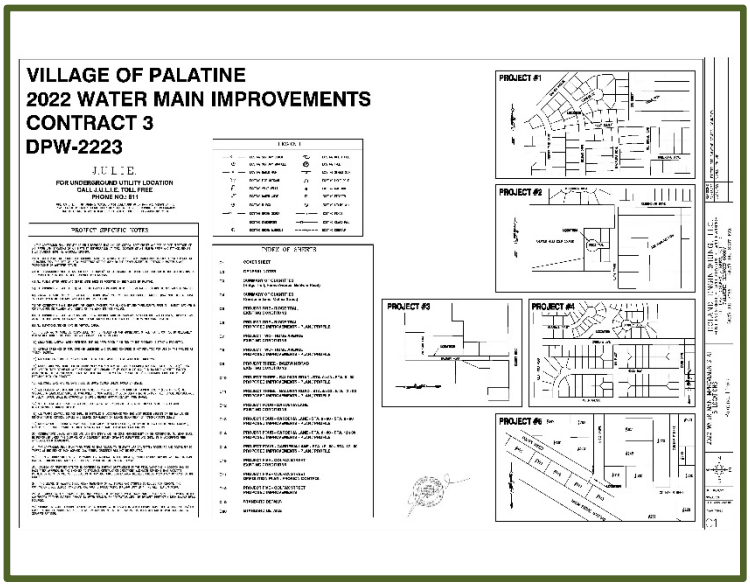
SECTION 1: PROJECT UNDERSTANDING/APPROACH

A. Project Understanding

We have reviewed the Final Engineering Plans and contract bid documents, including special provisions. We have visited the site and performed a thorough inspection of all areas involved, taking special note of areas of concern for construction. This information, combined with our conversations with Village staff and our experience with prior construction engineering work for the Village of Palatine, gives us a complete understanding of this project and the expectations of the Village for a successful completion. Upon reviewing all the information, we find the main components of the project to be:



- Watermain Installation for new 8” mains (utilizing open cut, boring or directional drilling)
- Connections to existing 6”, 8” and 10” water main systems at project limits
- Water valves in vaults for system isolation
- Storm Sewer replacements for water main quality pipe as necessary to accommodate separation requirements
- Sanitary Sewer replacements for water main quality pipe as necessary to accommodate separation requirements
- Roadway pavement, curb & gutter and sidewalk removal and replacement for open cut installations
- Landscape restoration



Attachment: Doland Proposal (Water Main Replacement Contracts 2 and 3 Construction Engineering Services)

B. Project Approach

We approach construction engineering projects with a very detailed eye from start to finish; this secures the success of the project. Upon reviewing the plans and specifications there are several areas we have identified as key concerns that will require special attention to ensure the successful execution of the construction operations. There are traffic control and vehicular access issues to be cognizant of for the safety of pedestrians and motorists alike. Of particular concern on this is the limited traffic access into the cul-de-sacs and the heavy traffic volumes on Baldwin Road, Smith Street and Gardenia Lane. For the entire construction zones, communication with the PW Department will be imperative to ensure that law enforcement and emergency services are aware of the construction to ensure that no delay in emergency services occurs. Additionally, Colfax Street is a thoroughfare for traffic routing from the downtown area to Quentin Road (including routing traffic to the post office). This further heightens the sensitivity to ensuring that the contractor has a detailed work schedule which they update continually for accuracy of temporary intersection closure notices and traffic control during street excavation and restoration. Therefore, coordination and scheduling will be of the highest importance throughout the project. Approaching the project with a preemptive view will aid in scheduling, safety, and budget adherence.

Project Coordination:

Involving all parties in the coordination and scheduling of the project from the beginning is essential to its success. There are several public entities whose transportation and access needs will be significantly impacted by this project:

- Palatine Police Department
- Palatine Fire Department
- U.S. Postal Service (for Colfax Street)

Attachment: Doland Proposal (Water Main Replacement Contracts 2 and 3 Construction Engineering Services)

We would like to give the Village, its safety providers (fire and police departments), an opportunity to discuss the project and the potential impact it may have on their organizations. We would like to forward the contractor's schedule, and all schedule updates, to the Police and Fire Departments to keep them informed and to allow them to provide us with any of their concerns related to the construction schedule.

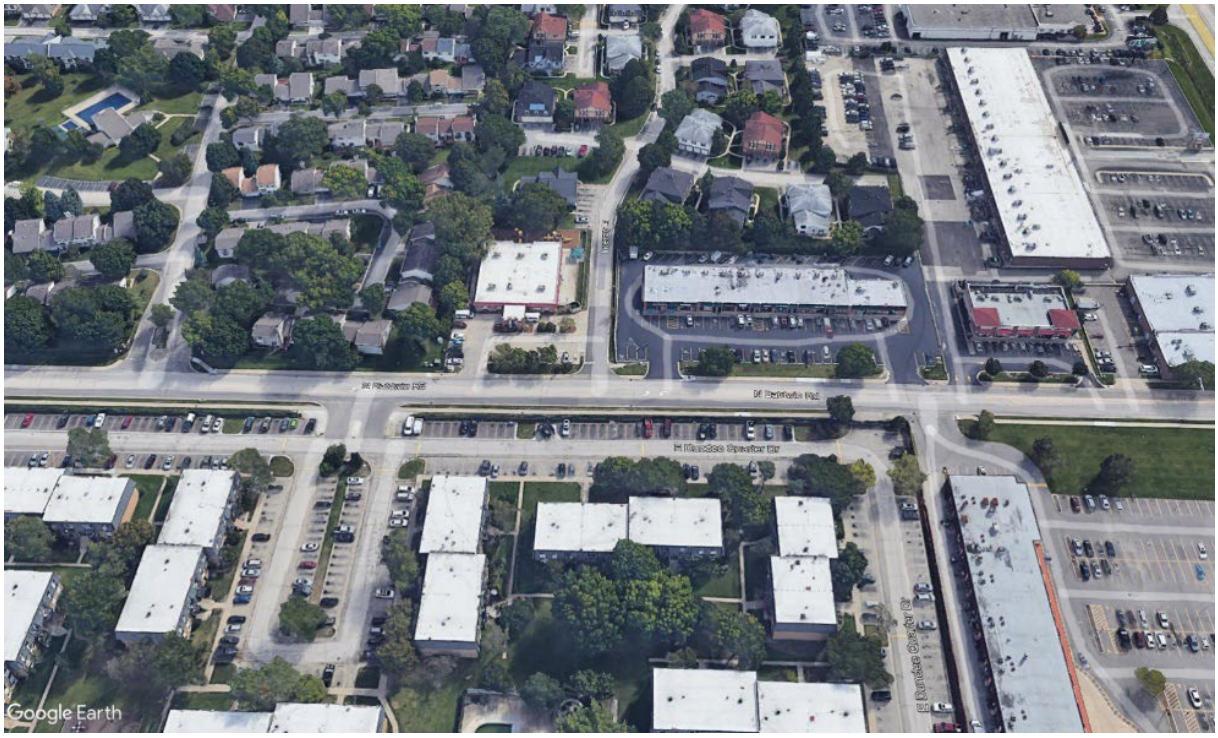
Utility Coordination:

It is imperative that a full review of all existing utilities and their crossing locations are verified prior to construction. We will work with the Contractor, as needed, for any exploratory excavations to determine elevations of utilities that may be in conflict. If needed, coordination will the utility companies will begin immediately so that any adjustments to the construction schedule can be made to ensure that there are no delays in progress of the project.

Traffic Control and Patterns:

With improvements crossing several intersections, which will inherently require temporary intersection closures, traffic control and signage will be critical to ensuring safety and continued flow of traffic. It will be imperative that the appropriate signage is in place and verified on a daily basis.

In addition to hauling trucks, there will be many material delivery trucks throughout the construction that will also need to be coordinated with the Contractor and our staff. The storing of materials will need to be determined prior to delivery and no materials will be allowed in areas that reduce sight distance or create a safety issue for both pedestrian and vehicular traffic.



Project Construction Services

We will perform construction observation and inspection services throughout the project duration on behalf of the Village of Palatine. Our RE services will be performed by professional and technical staff as warranted by the work being undertaken and all work will be under the direct supervision of a license professional engineer. The following tasks will be performed by our staff:

1) Pre-Construction Services
   - ❖ Ascertain the standard practices of the Village and become familiar with the contract documents
   - ❖ Prepare conformed bid documents
   - ❖ Prepare project files, Quantity and IDR Books
2) Construction Services

   On-site representation to accurately document and record by measure and/or computation all quantities used on the construction project and to ensure that project details and specifications are being implemented and followed. This observation will be full-time for this project which will allow us to be on-site for approximately 8-hours per day on average so that the construction operations can be viewed and inspected along with quantities and cost items adequately documents.
   - ❖ Preparing and submitting daily inspection reports and quality control reporting
   - ❖ Maintain a project daily diary
   - ❖ Advise and assist Village in resolving construction issues
   - ❖ Prepare design clarifications
   - ❖ Prepare Requests for Change (RFC)
   - ❖ Review and coordinate all Requests for Information (RFI's)
   - ❖ Verify contractor's adherence to the plans and special provisions
   - ❖ Monitor, maintain and update project schedule
   - ❖ Conduct regular meetings with contractor and applicable team members
   - ❖ Provide weekly construction activity reports
   - ❖ Review change orders for approval of extra work
   - ❖ Review contractor's submittals for conformance with contract documents
   - ❖ Develop project punchlist
   - ❖ Furnish and possess on-site all necessary field survey equipment necessary for measurement verification of contractor's work
3) Post-Construction / Project Close-out Services
   - ❖ Manage punchlist completion and documentation of all final waivers, close-out documents and record drawings
   - ❖ Assist in application for payment requests
   - ❖ Close-out project accounting and provide status of final project budget

SECTION 2: ORGANIZATIONAL CHART

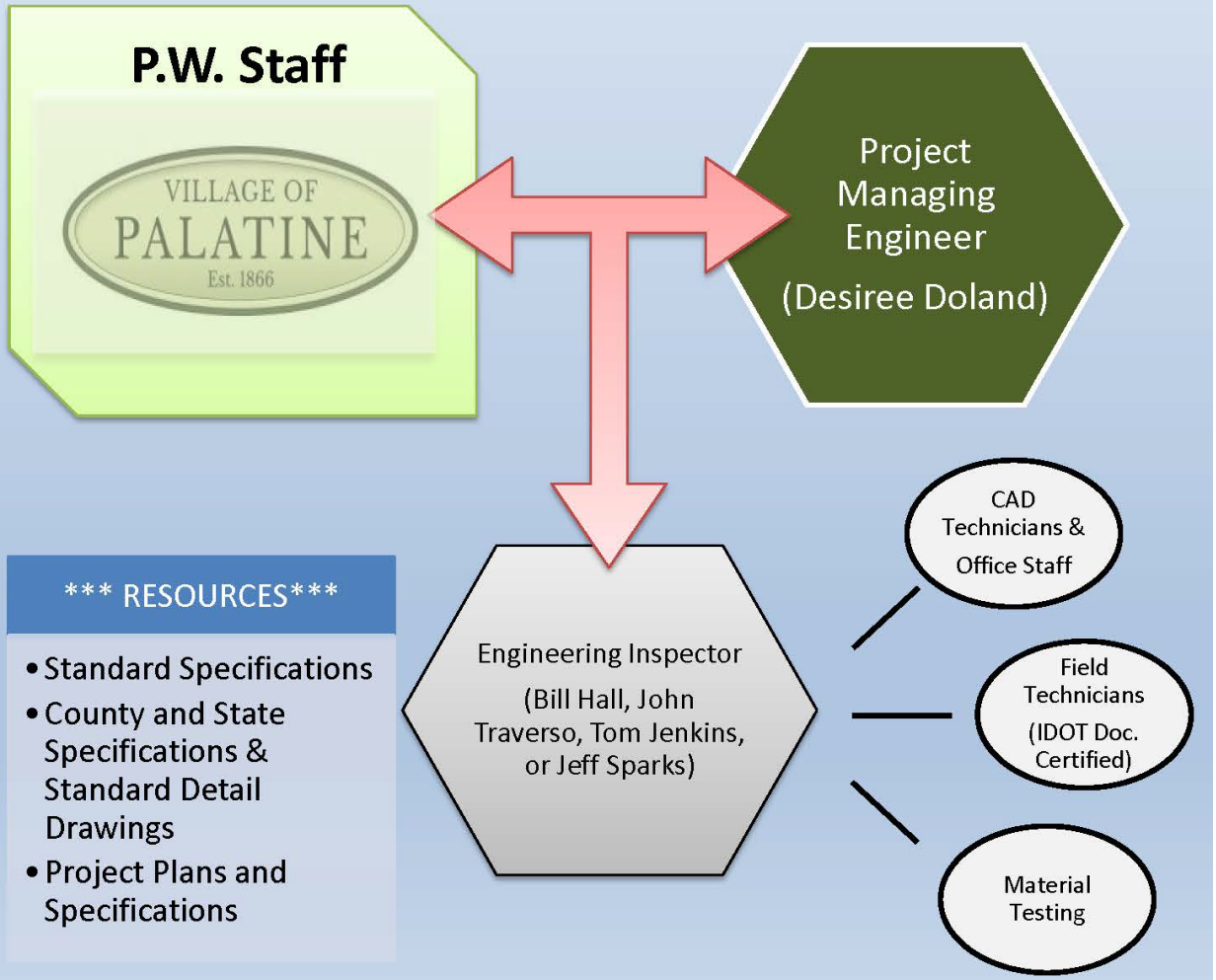
DOLAND ENGINEERING, LLC

2022 W.M. Improvements

Construction Oversight and Inspection Services

Organizational Chart

The illustration below represents how the key staff members will utilize necessary resources and identify communication paths



Attachment: Doland Proposal (Water Main Replacement Contracts 2 and 3 Construction Engineering Services)

SECTION 3: PROPOSED PROJECT TIMELINE AND FEES

A. Project Timeline/Milestones

Based upon projects of similar scope of work, we estimate that this project will have a duration for each segment as follows:

Contract 2 (DPW 2223)

- Harvard Court – 5 days
- Mallard Drive – 17 days
- Pintail Court – 6 days
- Mallard Court – 5 days
- Tern Drive – 5 days
- Gull Court – 5 days

Total anticipated construction for “Contract 2” is 43 days.

Contract 3 (DPW 2223)

- Home Avenue – 5 days
- Ridge Trail – 7 days
- Gardenia Lane – 15 days
- Baldwin Road – 15 days
- Colfax Street – 5 days

Total anticipated construction for “Contract 3” is 47 days.

Attachment: Doland Proposal (Water Main Replacement Contracts 2 and 3 Construction Engineering Services)

B. Construction Engineering Fee Schedule

For our fee establishment, we have used an anticipated 47-days work schedule for the contractor to complete this work. We further anticipate 2 contractor days for attention to punchlist items. This current anticipated contractor's work schedule was the basis for our man-hours for performing RE duties. A tabulation of the contractor's schedule and our associated inspection hours is tallied as follows:

Combined Contracts 2 & 3

Task	Contractor's Work Days	Professional Engineer (hrs.)	Sr. Construction Inspector (hrs.)
Task 1 Pre-Construction	0	7	15
Task 2 Construction Services	47	77	470
Task 3 Post-Construction	8	15	30
Total Estimated Hours		99	515
Hourly Rate		$150.00	$110.00
Total Fee		$14,850.00	$56,650.00
		Total Fee =	**$71,500.00**

Fee Forecast:
Based on your forecast for a direct overlapping of water main crew installation schedules (with a total of 47 working days) we have taken used this construction schedule to arrive at a reduced fee that will allow for a construction inspector to share time across both water main installation projects. Total Anticipated Fee = $71,500.00

This fee forecast is based upon the estimated hours of work of the responsible staff as tallied above. The actual billing will be submitted based upon the actual hours worked by our staff. For any work outside the scope of this proposal (including additional contractor's working days), we would provide you with a supplemental proposal based upon the above listed hourly rates of the individual staff members.

Accepted By: _____

Title: _____

Date: _____

Ordinance Amending Chapter 3 - Alcoholic Beverages

BACKGROUND:

On March 14, 2022, the Village Council engaged in a discussion related to operational matters of liquor license holders including the hours of operation. Additionally, the Village Council had a discussion about the prohibition of gaming for liquor establishments. Based upon the discussion and public input received, the Council provided direction to staff and this evening the matter is scheduled for possible action.

KEY ISSUES:

Liquor

As it relates to liquor license hours and operations, Chapter 3 is proposed to be amended in a manner that would adjust closing times of all restaurant/bars and other establishments with later closing times to 2:00 a.m. on Thursday, Friday and Saturday evenings. This would be done through adjustments in hours for some licenses and the elimination of the D-1 Liquor License, with all current D-1 holders becoming D License holders. The closing hours would be 1:00 a.m. Sunday through Wednesday and 2:00 a.m. Thursday through Saturday.

An additional classification that was discussed is the Late Close "LC" license. This license exists for two grandfathered establishments, Durty Nellie's and Gators. The present closing time is 4:00 a.m. seven days per week. In an effort to address concerns raised by staff on March 14th, staff had additional discussions with both Late Close establishments and the ordinance prepared for this evening would set the Late Close hours at 2:00 a.m. on Sunday through Wednesday and 3:00 a.m. on Thursday through Saturday.

Other operating parameters would remain the same.

Gaming

Three years ago, the Village Council discussed video gaming and it was decided to monitor any changes in neighboring communities and continue to prohibit gaming in Palatine. Concerns were raised at that time about whether gaming cafes could be prohibited.

Since the 2019 discussion, Schaumburg has approved video gaming (as well as reduced their liquor license hours). Additionally, several neighboring towns have developed ordinances that do not allow for gaming cafes to hold licenses. Specifically, cafes are prohibited in Mt. Prospect and Buffalo Grove while Schaumburg has a limit of five (5) licenses. Additionally, the state legislature recently approved a new law that preempts home rule authority and allows fraternal organizations to have video gaming even if prohibited by a municipality. Thus, video gaming can happen in Palatine whether we want it or not. Having an ordinance provides the Village with some level of regulation.

Staff has continued to maintain a dialogue with neighboring communities that have video gaming - including Schaumburg that added gaming since our 2019 discussion. Through our discussions we are not aware of any community that has experienced an increase in police calls or other calls for serve as a result of gaming. We don't anticipate any cost increases for the Village nor redirection of resources.

Based upon the research done by staff and the discussion on March 14th, an amendment to Chapter 3 creating a new "VG" Video Gaming Liquor License has been prepared. Among other things, this license would do the following:

- Terminals - up to six and subject to an approved floor plan. Terminals would need some screening from the rest of the establishment.

- Ownership/Good Standing - Establishment must have been in good standing with the Village for one year prior to application and held a Palatine liquor license.

- Advertising/Signage - No signage or anything depicting or advertising video gaming allowed on exterior of the establishment or anywhere on the inside that would be visible in any way from the outside.

- Video Surveillance - Required pursuant to State statute and include it to cover the exterior within 25 feet of entrances, 24-hour recording and recordings available to Police.

- Fee Structure - The terminal fee is proposed at $1,000 per terminal. The Class "VG" Liquor License fee is recommended at $5,142.

One other significant provision of the proposed ordinance is that the "VG" Video Gaming liquor license would automatically terminate in two years unless the Council takes subsequent action. This "sunset" provision will allow an opportunity to assess the impacts - positive and negative that may result from this license.

ALTERNATIVES:

1. Approve an ordinance amending Chapter 3 related to liquor hours and video gaming
2. Do not approve the ordinance or refer back with comments.

RECOMMENDATION:

Staff recommends approval of the ordinance amending Chapter 3 related to adjustments in liquor license hours and video gaming.

ACTION REQUIRED:

Action is at the discretion of the Village Council.

ATTACHMENTS:

- Ordinance Amending Chapter 3
- Exhibit - Chapter 3 Changes

ORDINANCE NO. O - _____ - 22

AN ORDINANCE AMENDING THE CODE OF ORDINANCES CHAPTER 3 – ALCOHOLIC BEVERAGES

WHEREAS, the Village of Palatine Code of Ordinances provides regulations related to the service of alcoholic beverages within the Village of Palatine; and

WHEREAS, the regulations include among other things the hours of operation for liquor serving establishments and the classification of licenses available; and

WHEREAS Chapter 3 of the Code of Ordinances contains provisions related to gaming within the Village of Palatine; and

WHEREAS, from time to time the Village Council reviews the provisions of Chapter 3 of the Code of Ordinances and considers amendments.

NOW, THEREFORE BE IT ORDAINED by the Mayor and Village Council of the Village of Palatine, Cook County, Illinois, that:

SECTION 1: The following sections of Chapter 3 of the Code of Ordinances be amended in accordance with the changes depicted in Exhibit A related to general matters:

Section 3-43

SECTION 2: The following sections of Chapter 3 of the Code of Ordinances be amended in accordance with the changes depicted in Exhibit A related to license classifications and hours of operation:

Section 3-35 (1)	Section 3-35 (10)	Section 3-35 (24)
Section 3-35 (2)	Section 3-35 (16)	
Section 3-35 (9)	Section 3-35 (19)	

SECTION 3: The following sections of Chapter 3 of the Code of Ordinances be amended in accordance with the changes depicted in Exhibit A related to “LC” Late Close license:

Attachment: Ordinance Amending Chapter 3 (Ordinance Amending Chapter 3 - Alcoholic Beverages)

Section 3-35 (22)

SECTION 4: The following sections of Chapter 3 of the Code of Ordinances be amended in accordance with the changes depicted in Exhibit A related video gaming:

Section 3-1
Section 3-14
Section 3-35 (25)

SECTION 5: The effective date of the changes in Sections 2, 3 and 4 shall be July 1, 2022. Current liquor license holders may apply for the Class "VG" Video Gaming License at any time following the adoption of this Ordinance.

PASSED: This 11th day of April, 2022

AYES: _____ NAYS: _____ ABSENT:_____ PASS:_____.

APPROVED by me this 11th day of April, 2022.

_____
Mayor of the Village of Palatine

ATTESTED and FILED in the
Office of the Village Clerk this
11th day of April, 2022.

_____
Village Clerk

Attachment: Ordinance Amending Chapter 3 (Ordinance Amending Chapter 3 - Alcoholic Beverages)

CHAPTER 3 – ALCOHOLIC BEVERAGES

Section 3-1. Definitions.

Video Gaming Café means an establishment whose primary or major focus is video gaming and the service of alcohol and food is incidental to the operation of video gaming. The following factors may be considered when determining if the establishment is a Video Gaming Café:

- The layout and design of the establishment;
- The preparation and variety of food and beverages offered;
- The creation and operation of a full-service commercial kitchen;
- The number of video gaming machines relative to the customer seating capacity of the establishment;
- The square footage of space devoted to video gaming relative to the amount of space devoted to other activities;
- The source of proposed or actual revenue derived from the establishment;
- The number of employees at the establishment and their proposed function; and
- Any other factors as determined as relevant by the Local Liquor Control Commission.

Sec. 3-14. Gambling prohibited.

There shall be no card games or gambling allowed on any premises licensed to sell alcoholic liquor unless otherwise exempted by law or through the issuance of a Class VG Liquor License from the Commission.

Sec. 3-35. Classification; fees

Licenses shall be and are hereby divided into the following classes:

(1) *Class "A" License* (Tavern) shall authorize the retail sale of alcoholic liquor on the premises designated therein, not operated as a restaurant, for consumption on such premises only; provided, however, nothing herein shall be deemed to prohibit the licensee from offering limited food service, so long as such food service is incidental to and not a major part of the primary business of the licensee.

It shall be unlawful for a holder of a Class "A" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 1:00 a.m. and 6:00 a.m. Monday through Thursday ~~Friday~~, or during the hours of 2~~3~~:00 a.m. and 6:00 a.m. on Friday, Saturday and Sunday, except between the hours of 1:00 a.m. and 2~~3~~:00 a.m. on the first day of January of every year. The annual fee for such license shall be as provided in the fee schedule supplemental to the Palatine Code of Ordinances. Except for renewal of existing licenses issued prior to January 1, 2016, there shall be no further Class "A" license issued.

It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager a license to sell or serve alcoholic

beverages.

(2) *Class "A-1" License* (Sports and Recreation Facilities) shall authorize the retail sale of alcoholic liquor on the premises only to ~~Sports~~ sports and ~~R~~recreation ~~F~~facilities, subject to the provision that a floor plan be submitted prior to issuance of the license, food service must be available, and that no exterior signage advertising alcohol or the tavern/bar name be permitted.

It shall be unlawful for a holder of a Class "A-1" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 1:00 a.m. and 6:00 a.m. Monday through Friday, or during the hours of 2~~3~~:00 a.m. and 6:00 a.m. on Saturday and Sunday, except between the hours of 1:00 a.m. and 2~~3~~:00 a.m. on the first day of January of every year. The annual fee for
such license shall be as provided in the fee schedule supplemental to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager a license to sell or serve alcoholic beverage

(3) *Class "B" License* (package liquor store) shall authorize the retail sale of all alcoholic beverages in its original package, not for consumption on the premises where sold. The establishment shall not have more than ten percent (10%) of its shelf space used for consumable goods ("consumable goods" does not include tobacco and soft drinks), derive more than ten percent (10%) of its gross income from consumable goods, and derive more than ten percent (10%) of wholesale purchases of consumable goods.

In addition to all other applicable requirements, a sign shall be posted on every entrance to the establishment (the size of said sign and the type size to be prescribed by the Village Manager's office) providing that no one under the age of 21 may enter the establishment unless accompanied by a parent or guardian 21 years of age or older. Said establishment shall enforce such restriction by denying admittance to any person under the age of 21 unless accompanied by a parent or guardian 21 years of age or over.

It shall be unlawful for a holder of a Class B license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to sell alcoholic beverages at the register unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages. A point of sale control procedure/policy indicating the liquor license holder's procedures and policies to prevent persons under the age of twenty-one (21) from accessing and purchasing alcoholic beverages and to prevent the sale of alcoholic beverages outside the permitted hours of the granted liquor license shall be on file with Liquor Commission.

(4) *Class "B-1" License* (grocery store with package liquor) shall authorize the retail sale of

Attachment: Exhibit - Chapter 3 Changes (Ordinance Amending Chapter 3 - Alcoholic Beverages)

all alcoholic beverages in its original package, not for consumption on the premises where sold, in an establishment whose primary purpose is the sale of groceries, with the sale of alcoholic beverages as a subsidiary sale. The establishment must have a minimum of fifteen thousand (15,000) square feet of retail floor space, with no more than ten percent (10%) of the floor area used for the display of alcoholic beverages and no more than ten percent (10%) of its gross income shall be derived from the sale of alcoholic beverages.

The primary liquor display area shall be located in the designated area as indicated on the approved floor plan on file with the Liquor Commission. Any change to the primary liquor display area on the approved floor plan shall require Liquor Commission approval.

In addition to the primary liquor display area, a holder of a Class B-1 license shall be permitted up to three (3) incidental display areas for beer and wine only subject to the Village Manager's review and approval and shall be indicated on a plan on file with the Liquor Commission.

A point of sale control procedure/policy indicating the liquor license holder's procedures and policies to prevent persons under the age of twenty-one (21) from accessing and purchasing alcoholic beverages and to prevent the sale of alcoholic beverages outside the permitted hours of the granted liquor license shall be on file with Liquor Commission.

It shall be unlawful for a holder of a Class B-1 license to sell or offer for sale at retail any alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to sell alcoholic beverages at the register unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell alcoholic beverages.
(Ord. No. 0-146-10, §2, 12/6/10)

(5) *Class "B-2" License* (General Merchandise store with package liquor) shall authorize the retail sale of all alcoholic beverages, in its original package, not for consumption on the premises where sold, in an establishment whose primary purpose is the sale of household items, groceries, medicine, health or beauty aids, and clothes, with the sale of alcoholic beverages as a subsidiary sale. The establishment must have a minimum of fifty thousand (50,000) square feet of floor area, with no more than five percent (5%) of the floor area used for the display of alcoholic beverages and no more than ten percent (10%) of its gross income shall be derived from the sale of alcoholic beverages.

A General Merchandise store holding a B-2 license shall have a valid State of Illinois Pharmacy license, pursuant to the Pharmacy Practice Act (225 ILCS 85), at the liquor licensed location and actually employ at least one licensed pharmacist who works at the liquor licensed premises, and shall provide proof to the Village upon request.

The liquor display area shall be located in the designated area as indicated in the approved floor plan on file with the Liquor Commission. Any change to the liquor display area on the approved floor plan shall require Liquor Commission approval.

A point of sale control procedure/policy indicating the liquor license holder's procedures and policies to prevent persons under the age of twenty-one (21) from accessing and

Attachment: Exhibit - Chapter 3 Changes (Ordinance Amending Chapter 3 - Alcoholic Beverages)

purchasing alcoholic beverages and to prevent the sale of alcoholic beverages outside the permitted hours of the granted liquor license shall be on file with Liquor Commission.

It shall be unlawful for a holder of a Class B-2 license to sell or offer for sale at retail any alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to sell alcoholic beverages at the register unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell alcoholic beverages. (Ord. No. 0-159-12, §1, 12/3/12)

(6) *Class "B-3" License* (Drug store with package liquor) shall authorize the retail sale of all alcoholic beverages, in its original package, not for consumption on the premises where sold, in an establishment whose primary purpose is the sale of pharmacy items, prescription drugs, health and wellness services, with the sale of alcoholic beverages as a subsidiary sale. The establishment must have a minimum of ten thousand (10,000) square feet of floor area, with no more than five percent (5%) of the floor area used for the display of alcoholic beverages and no more than ten percent (10%) of its gross income shall be derived from the sale of alcoholic beverages.

A Drug Store holding a B-3 license shall have a valid State of Illinois Pharmacy license, pursuant to the Pharmacy Practice Act (225 ILCS 85), at the liquor licensed location and actually employ at least one licensed pharmacist who works at the liquor licensed premises, and shall provide proof to the Village upon request.

The liquor display area shall be located in the designated area as indicated in the approved floor plan on file with the Liquor Commission. Any change to the liquor display area on the approved floor plan shall require Liquor Commission approval.

A point of sale control procedure/policy indicating the liquor license holder's procedures and policies to prevent persons under the age of twenty-one (21) from accessing and purchasing alcoholic beverages and to prevent the sale of alcoholic beverages outside the permitted hours of the granted liquor license shall be on file with Liquor Commission.

It shall be unlawful for a holder of a Class B-3 license to sell or offer for sale at retail any alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to sell alcoholic beverages at the register unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell alcoholic beverages.
(Ord. No. 0-34-10, §2, 4/19/10; Ord. No. 0-146-10, §3, 12/6/10)

(7) *Class "B-4" License* (Restaurant/Convenient Store with package liquor) shall authorize the retail sale of all alcoholic beverages, in its original package, not for consumption on the premises where sold, in an establishment whose primary purpose is both the sale of freshly prepared on-site food, the sale of gasoline and the sale of general merchandise and other prepackaged food items. The sale of alcoholic beverages shall be secondary to the sale of the above items. The establishment must have a minimum of four thousand five hundred

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(4,500) square feet of floor area, with no more than ten percent (10%) of the floor area used for the display of alcoholic beverages.

The establishment shall offer their patrons full and complete meals during hours approved by the Palatine Liquor Commission as a condition of the liquor license. The establishment's full menu shall be on file with the Liquor Commission.

The establishment shall maintain a minimum of twelve (12) gasoline pump stations at all times.

The liquor display area shall be located in the designated area as indicated in the approved floor plan on file with the Liquor Commission. Any change to the liquor display area on the approved floor plan shall require Liquor Commission approval.

A point of sale control procedure/policy indicating the liquor license holder's procedures and policies to prevent persons under the age of twenty-one (21) from accessing and purchasing alcoholic beverages and to prevent the sale of alcoholic beverages outside the permitted hours of the granted liquor license shall be on file with Liquor Commission.

It shall be unlawful for a holder of a Class B-4 license to sell or offer for sale at retail any alcoholic liquor on the licensed premises, between the hours of 10:00 p.m. and 8:00 a.m. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to sell alcoholic beverages at the register unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell alcoholic beverages. (Ord. No. O-53-21, 6/7/2021)

(8) *Class "C" License* (Club) shall authorize the retail sale of alcoholic liquor on the premises designated therein, for consumption on the premises only, by a club as defined in this chapter.

It shall be unlawful for a holder of a Class "C" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. Monday through Friday, or during the hours of 1:00 a.m. and 6:00 a.m. Saturday and Sunday, except between the hours of 12:00 midnight and 2:00 a.m. on the first day of January of every year. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.

(9) *Class "D" License* (Restaurant) shall authorize the retail sale, in restaurant establishments only, of alcoholic liquor for consumption on the premises where sold. Such licenses shall be issued and retained by those restaurant establishments which:

(a) Are in fact operated as restaurants; and

Attachment: Exhibit - Chapter 3 Changes (Ordinance Amending Chapter 3 - Alcoholic Beverages)

(b) Offer their patrons full and complete meals, including dinner menu. The holder of a Class "D" license may modify the menu of the food to be served after 10:00 p.m. Sunday through Wednesday~~Thursday~~ and 11:00 p.m. Thursday, Friday and Saturday, provided such modified menu includes a variety of sandwiches of similar hot and cold foods and hot and cold non-alcoholic beverages. The establishment's full menu and limited menu shall be on file with the Liquor Commission. Food Service (taking orders, making and serving prepared foods) may end no earlier than one (1) hour prior to the establishment's closing time. (Ord. No. 0-64-13, §1, 6/3/13)

No such license shall be granted to or retained by any establishment in which the facilities for food preparation and service are not primarily those of a restaurant. Without limiting the generality of the foregoing, limited food service such as provided by luncheonettes, diners, coffee shops, drive-ins, etc., does not satisfy the requirements for this license classification.

It shall be unlawful for a holder of a class "D" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of ~~12:00 midnight~~1:00 a.m. and 6:00 a.m. Monday through ~~Friday~~Thursday, or during the hours of ~~1~~2:00 a.m. and 6:00 a.m. Friday, Saturday and Sunday, except between the hours of 1:00 a.m. and ~~3~~2:00 a.m. on the first day of January of every year. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.

Waiters and waitresses aged 19 and 20 shall be permitted to serve alcoholic beverages at the table within the dining room, provided that said waiters and waitresses hold a valid Alcoholic Beverage Seller and Server Permit pursuant to Section 3-27; and that the establishment has a manager and/or an assistant manager and a bartender, all of whom must be at least 21 years of age, present on the premises at all times, all of whom have obtained the requisite an Alcoholic Beverage Seller and Server Permit from the Village Manager pursuant to Section 3-27.

(10) ~~*Class "D-1" License* (Restaurant with extended hours) shall authorize the retail sale, in restaurant establishments only, of alcoholic liquor for consumption on the premises where sold. Such licenses shall be issued and retained by those restaurant establishments which:~~

~~(a) Are in fact operated as restaurants; and~~

~~(b) Offer their patrons full and complete meals, including dinner menu. The holder of a Class "D-1" license may modify the menu of the food to be served after 10:00 p.m. Sunday through Thursday and 11:00 p.m. Friday and Saturday, provided such modified menu includes a variety of sandwiches of similar hot and cold foods and hot and cold non-alcoholic beverages. The establishment's full menu and limited menu shall be on file with the Liquor Commission. Food Service (taking orders, making and serving prepared foods) may end no earlier than one (1) hour prior to the establishment's closing time. (Ord. No.~~

~~0-64-13, §1, 6/3/13)~~

~~No such license shall be granted to or retained by any establishment in which the facilities for food preparation and service are not primarily those of a restaurant. Without limiting the generality of the foregoing, limited food service such as provided by luncheonettes, diners, coffee shops, drive-ins, etc., does not satisfy the requirements for this license classification.~~

~~It shall be unlawful for a holder of a Class "D-1" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 1:00 a.m. and 6:00 a.m. Monday through Friday, or during the hours of 3:00 a.m. and 6:00 a.m. Saturday and Sunday, except between the hours of 1:00 a.m. and 3:00 a.m. on the first day of January of every year. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.~~

~~Holder of a Class "D-1" License which contain and use banquet facilities as an incidental use may serve and sell at retail alcoholic liquor for consumption in said banquet hall facilities (as defined in section 3-35 (14) by invited guests. Such restaurants shall not be required to purchase a Class "H" license.~~

~~It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.~~

~~Waiters and waitresses aged 19 and 20 shall be permitted to serve alcoholic beverages at the table within the dining room, provided that said waiters and waitresses hold a valid Alcoholic Beverage Seller and Server Permit pursuant to Section 3-27; and that the establishment has a manager and/or an assistant manager and a bartender, all of whom must be at least 21 years of age, present on the premises at all times, all of whom have obtained the requisite an Alcoholic Beverage Seller and Server Permit from the Village Manager pursuant to Section 3-27.~~ Reserved

(11) *Class "E" License* (Temporary Special Event) shall authorize the retail sale of alcoholic liquor on the premises designated therein, for consumption on said premises only, by a civic, fraternal, other not-for-profit organization, or holder of valid Palatine liquor license, for a specific function or occasion and for a limited period of time to be set by the local liquor control commission; provided, however, that the hours shall be no later than 12:00 midnight on any night and begin no sooner than 11:00 am Sundays. As used in this paragraph (11) "premises" shall mean the entire premises designated in the Class "E" license even though such premises may extend beyond the interior of a building.

In the event the Village Manager receives an application for a Class "E" license, complete in all respects and accompanied by a detailed sketch and letter from the Police Department as required under section 3-27(11) of this Code, and because of unavoidable conflicts or other reasons beyond the control of the commission, the application cannot be acted upon in timely fashion by the full local liquor control commission, a Class "E" license may be issued upon the signatures of any four (4) commissioners, with a report of said approval and copies of the application and all supporting documents being mailed or delivered promptly to each commissioner.

Temporary licenses may be issued by the local liquor control commission to holders of any licenses, for operations away from the licensed premises for special events. The events, for which such special licenses away from the licensed premises shall be granted, shall be subject individually to the approval of the local liquor control commission. Such special licenses shall be issued for a period not to exceed seven (7) days in any one year for any license holder. Each individual site for such sale away from licensed premises shall be subject to approval by the local liquor control commission.

It shall be unlawful for the holder of a Class "E" license to sell or offer for sale at retail any alcoholic liquor in the Village other than as is specifically permitted in the license.

It shall be unlawful for any person to sell or serve alcoholic liquor unless the seller or server has satisfactorily completed the Village of Palatine Liquor Ordinance Compliance Training Course.

(12) *Class "F" License* (Park District) shall authorize the retail sale of alcoholic liquor at or from buildings and other facilities located on the premises designated therein, for consumption on premises and also from beverage carts operating solely on golf course premises owned by Park Districts, duly established under the Park District Code. The holder of a Class "F" license shall upon issuance and renewal of the license, submit to the Village a list showing those hours at which alcoholic liquor will be sold, offered for sale at retail, served or permitted to be consumed at each respective Park District site; provided, however, the holder of a Class "F" license may sell or serve alcoholic liquor on such premises for special events at hours other than those contained on the aforesaid list upon at least forty-eight (48) hours prior notice to the Village Manager.

It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.

(13) *Class "G" License* (Beer and Wine) shall authorize the retail sale in restaurants only, of beer and wine for consumption on the premises where sold. Such licenses shall be issued to and retained by only those establishments which:

(a) Offer their patrons' food service during all hours that the sale of alcohol is permitted. The establishment's full menu shall be on file with the Liquor Commission.

(b) No such license shall be granted to or retained by any establishment in which the facilities for food preparation and service are not primarily those of a restaurant.

It shall be unlawful for a holder of a Class "G" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. Monday through Friday, or during the hours of 1:00 a.m. and 6:00 a.m. Saturday and Sunday. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender, server, to manage such

an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.

(14) *Class "G-1" License* (Seasonal Beer and Wine) shall authorize the retail sale in restaurants only, of beer and wine for consumption on the premises where sold and in conjunction with a sidewalk café license agreement between the restaurant and Village of Palatine. Such licenses shall be issued to and retained by only those establishments which:

(a) Offer their patrons' food service during all hours that the sale of alcohol is permitted. The establishment's full menu shall be on file with the Liquor Commission.

(b) No such license shall be granted to or retained by any establishment in which the facilities for food preparation and service are not primarily those of a restaurant.

(c) Have a valid Outdoor Seating License Agreement with the Village of Palatine allowing for the use of Village right of way for the purpose of food service.

It shall be unlawful for a holder of a Class "G-1" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. Monday through Friday, or during the hours of 1:00 a.m. and 6:00 a.m. Saturday and Sunday. The license shall be valid only during the dates allowed by the Outdoor Seating License Agreement. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender, alcohol server, or to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.

(15) Class "G-2" License (Beer and Wine Single-Serve Package) shall authorize the retail sale in restaurants only, of single-serve beer, wine and seltzer. Consumption on the premises where sold shall be approved by the Village Manager and such approved site plan shall be on file with the Liquor Commission. Such licenses shall be issued to and retained by only those establishments which:

(a) Offer their patrons' food service during all hours that the sale of alcohol is permitted. The establishment's full menu shall be on file with the Liquor Commission.

(b) No such license shall be granted to or retained by any establishment in which the facilities for food preparation and other non-alcoholic beverage service are not primarily those of a restaurant.

It shall be unlawful for a holder of a Class "G-2" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 09:00 p.m. and 09:00 a.m. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender, server, or to manage such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.
(Ord. No. O-116-21, 11/1/2021)

(16) *Class "H" License* (Banquet Hall) shall authorize the serving and retail sale of alcoholic liquor for consumption on the premises designated therein in establishments containing banquet hall facilities and authorized for banquets as a principal use; provided that alcoholic liquor under this license may be served and sold only to invited guests. The annual fee for such license shall be provided in the fee schedule supplement to the Palatine Code of Ordinances.

"Banquet hall facility" shall mean a business conducted on premises at which the exclusive activity is the catering of private parties whereat there is service for consumption at tables of a full multiple course meal at a prearranged fixed unit price, or hors d'oeuvres, buffet or smorgasbord, and at which alcoholic liquor may be served or sold as an incident to such food services; provided that each of such private parties is prearranged under the sponsorship of a particular person or organization.

It shall be unlawful for a holder of a Class "H" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 1:00 a.m. and 6:00 a.m. Monday through Friday, or during the hours of ~~3~~2:00 a.m. and 6:00 a.m. Saturday and Sunday, except between the hours of 1:00 a.m. and ~~3~~2:00 a.m. on the first day of January of every year. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender or to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.

(17) *Class "K" License* (Hotel) shall authorize the retail sale in hotel rooms on the licensed premises of alcoholic liquor for consumption only in the hotel rooms on said premises and for special events in hotel meeting rooms. A Class K licensee shall be required to install cabinets for the storage of liquor for the use of room guests in each room provided each such cabinet shall be securely locked with a separate key from the room key. Only guests 21 years or older at the time of registration shall be issued the separate cabinet key.

A Class "K" license shall authorize a hotel to serve alcoholic beverages to registered guests between the hours of five o'clock (5:00) p.m. and ten o'clock (10:00) p.m. Hors d'oeuvres or other food shall be continuously available during the hours when alcoholic beverages are served. Service of the alcoholic beverages and food shall take place in a room (reception lounge) or area separated from the lobby of the hotel.

It shall be unlawful for any person to be employed as a bartender or to manage such reception lounge unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages. (Ord. #0-21-09, §1, 3/2/09)

Attachment: Exhibit - Chapter 3 Changes (Ordinance Amending Chapter 3 - Alcoholic Beverages)

The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

(18) *Class "M" License* (Institutional Conference Center) shall authorize the serving and sale of alcoholic liquor for consumption on the premises designated therein in an Institutional Conference Center establishment; provided that alcoholic liquor under this license may be served and sold only to invited guests that are utilizing the services and facilities of the Institutional Conference Center for educational, cultural, philanthropic, governmental, business and/or training activities and said alcoholic liquor is incidental to such activities. Service and sale of alcoholic beverages shall be restricted to only those events in an Institutional Conference Center.

"Institutional Conference Center" shall mean an event on premises at William Rainey Harper College at which the exclusive activities are those events associated with educational, cultural, philanthropic, governmental business or training activities, and said alcoholic liquor is incidental to such activities. The sale or serving of alcohol at weddings, receptions or other events not involving the educational, cultural, philanthropic, governmental programming or training activities is prohibited.

It shall be unlawful for a holder of a Class "M" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 12:00 midnight and 6:00 a.m. The annual fee for such license shall be $10.00.

It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager a license to sell or serve alcoholic beverages.

(19) *Class "N" License* (Microbrewery) shall authorize establishments dispensing alcoholic liquors for consumption on the premises and engaged in the actual brewing and production of beer on the premises and for the dispensing of beer that has been brewed and produced on site for consumption off the premises and in packaged form only. Holders of a Class N license shall offer their patrons full and complete meals, including dinner menu. The holder of a Class "N" license may modify the menu of the food to be served after 10:00 p.m. Sunday through ~~Thursday~~ Wednesday and 11:00 p.m. Thursday, Friday and Saturday, provided such modified menu includes a variety of sandwiches of similar hot and cold foods and hot and cold non-alcoholic beverages. The establishment's full menu and limited menu shall be on file with the Liquor Commission. Food Service (taking orders, making and serving prepared foods) may end no earlier than one (1) hour prior to the establishment's closing time. This license shall be issued only to establishments with a microbrewery, having meal service, and a restaurant capacity of not less than 100 seats. (Ord. No. 0-64-13, §1, 6/3/13)

It shall be unlawful for a holder of a Class "N" license to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of ~~1~~2:00 a.m. and 6:00 a.m. Monday through Thursday ~~Friday~~, or during the hours of ~~1~~2:00 a.m. and 6:00 a.m. Friday, Saturday and Sunday, except between the hours of 1:00 a.m. and ~~3~~2:00 a.m. on the first day of January of every year. The annual fee for such -license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

It shall be unlawful for any person to be employed as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker in such an establishment unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages.

(20) *Class "O" License* (Temporary Commercial Special Events, Daily Fee)
Authorizes the retail sale of wine and/or beer only, on the premises specified, for consumption on said premises at a business event, grand opening or similar function. Such temporary licenses are to be granted to local businesses promoting a common object rather than the sale of wine and/or beer. Such licenses may also contain further restrictions or conditions which are deemed necessary to ensure that the events are properly supervised and otherwise conducted such that the health, safety and welfare of the general public will be protected. These restrictions or conditions may include, but are not limited to, the event's hours of operation or specific operational conditions.

Such licenses shall be authorized on a day to day basis, but for not more than three (3) consecutive days. Such licenses shall permit not more than twenty (20) days of events per calendar year. Such licenses shall only be authorized to a single user premises.

In conjunction with the license application a list of event(s) shall be submitted to the Village. Any proposed changes to the approved event(s) following the issuance of a license shall be submitted in writing to the Village Manager at least seven (7) days prior to the proposed event. The Village Manager shall be authorized to either approve or deny any proposed changes to the event(s) following the issuance of the license.

It shall be unlawful for any person to be employed as a bartender or to manage such event unless such person obtains from the Village Manager an Alcoholic Beverage Seller and Server permit to sell or serve alcoholic beverages.

The fee for such licenses shall be two hundred and fifty dollars ($250) for five (5) event days or less, or five hundred dollars ($500) for six (6) event days or more.
(Ord. #0-28-09, §1, 3/9/09)

(21) *Class "P" License* (Caterer) shall authorize an establishment to provide catering services. A "Caterer" means a person or business that provides food and/or alcoholic beverage service to private events within the Village of Palatine. Holders of a Class "P" license may sell, dispense, and serve alcohol beverages as part of a private event within the Village of Palatine. Such licenses shall be issued and retain by those establishments which:

(a) The primary business is located in the Village's corporate limits.
(b) Hold a valid Food Dealer Permit issued by the Village.
(c) Demonstrate the ability to store, handle, prepare, transport and serve food in a safe and sanitary manner, in accordance with the standards promulgated pursuant to Village Code of Ordinances. The Department of Community Services shall inspect an applicant's license premises for compliance with this Code and shall report its findings to the Local Liquor Control Commissioner.

1. "Outside Caterer" which means a caterer whose primary business is located outside of the Village's corporate limits, may register with the Village by supplying the

following information to the Village Manager for approval:

a. Location, date, and time of the Catering Event; and
b. Proof of a valid license for the preparation of food for service of the licensed premises, issued by the appropriate licensing authority of the jurisdiction of where the applicant's catering business is located; and
c. Proof of its ability to store, handle, prepare, transport and serve food in a safe and sanitary manner in accordance with the standards no less stringent than those imposed by the Village Code of Ordinance; and
d. Proof of a valid license for the sale of alcoholic liquor issued by the appropriate licensing authority; and
e. Proof of dram shop insurance in an amount equal to that required by the license under this Chapter; and
   Proof of completion of a state-certified beverage alcohol sellers and servers educational and training (BASSET) program meeting the minimum curriculum requirements of the Department of Human Services (DASA) 77 Adm. Code 3500.101 et seq. or its equivalent for any person employed by an Outside Caterer as a bartender, server, to manage such an establishment, or to act as a bouncer or identification checker for the Catering Event.
f. Any additional information as required by the Village Manager.

A registered outside caterer may engage in the sale and service of alcoholic liquor on the same terms and conditions as the holder of the caterer's liquor license under this Code. The registration period for each Outside Caterer shall be on a per event basis, with no event exceeding five (5) consecutive days.

Any person desiring an Outside Caterer registration shall file an application therefor with, no less than fourteen (14) days before the intended date of the event, to the Village Manager or his designee, upon a form provided by him. The Village Manager may include additional restrictions or conditions to the approved registration.

The annual fee for Class "P" license and registration fee for Outside Caterer shall be as provided in the fees schedule supplement of the Palatine Code of Ordinances.

Every person engaged in the sale of alcoholic liquor as a caterer shall keep a record of each event catered by that person. The record shall indicate the place and time of the event and include the name of the person hiring the caterer; the compensation paid to the caterer; the types of alcoholic liquor and the quantity of each type sold at the event. All such records shall be kept at the caterer's place of business and available for inspection by any authorized representative of the Village for at least three (3) years after the event.

A caterer shall sell alcoholic liquor only to the client or sponsor of a catered event, and only by the full, unopened container.

Either the caterer, or an employee of the caterer, shall be present at all times during a catered event where alcoholic liquor is dispensed. The caterer or caterer's employee shall have on his person a copy of the caterer's liquor license or Outside Caterer's registration.

It shall be unlawful for any person to be employed by a holder of a Class "P" License as a bartender, server, bouncer, identification checker, manager, unless such person obtains an

Alcoholic Beverage Seller and Server Permit to sell or serve alcoholic beverages from the Village Manager. (Ord. No. 0-45-10, §1, 5/3/10)

(22) *Class "LC" License* (Late closing License). For holders of an unconditional Class "LC" License issued prior to January 05, 2005, it shall be unlawful to sell or offer for sale at retail any alcoholic liquor in the Village, or to deliver or permit the consumption of alcoholic liquor on the licensed premises, between the hours of 2:00 a.m. and 6:00 a.m. Monday through Thursday and 3:00 a.m. and 6:00 a.m. Friday, Saturday and Sunday~~4:00 a.m. and 6:00 a.m.,~~ however, that these hours do not exceed those permitted by the Cook County late closing liquor license, in which case the hours will automatically be decreased to be the same. Any Class "LC" license issued prior to January 05, 2005, may not be transferred to any new operator.

The holder of a Class "LC" license may modify the menu of the food to be served after 10:00 p.m. Sunday through Wednesday~~Thursday~~ and 11:00 p.m. Thursday, Friday and Saturday, provided such modified menu includes a variety of sandwiches of similar hot and cold foods and hot and cold non-alcoholic beverages. The establishment's full menu and limited menu shall be on file with the Liquor Commission. Food Service (taking orders, making and serving prepared foods) may end no earlier than one (1) hour prior to the establishment's closing time. (Ord. No. 0-64-13, §1, 6/3/13)

Except for renewal of existing licenses issued prior to January 5, 2005, there shall be no further new Class "LC" licenses issued.

The annual fee for such permit shall be provided in the fee schedule supplement to the Palatine Code of Ordinances.

(23) *Class "PS" License* (Product sampling) shall authorize product sampling. Only those establishments holding a Class B and Class B-1 liquor license may apply for the Class PS license. (Ord. 0-148-06, §1, 8/21/06)

Holders of a Class "PS" License may conduct product sampling for consumption at the licensed retail location only. Up to 10 samples, consisting of no more than (i) 1/4 ounce of distilled spirits, (ii) one ounce of wine, or (iii) 2 ounces of beer may be served to a consumer in one day.

Holders of a Class "PS" license may conduct product sampling for consumption outside the licensed retail premises for offsite events in accordance with the following conditions:

a. Approval to conduct product sampling outside the licensed retail premises must be granted by the Village Manager in writing with whatever conditions the Village Manager deems appropriate. In addition, the granting of this license shall not give the establishment the right to conduct samples or sales of products it would not otherwise be entitled to provide under the establishment's B or B-1 license. Request for approval must be submitted in writing to the Village Manager not less than fourteen (14) days prior to the event.

b. All sampling must be held within the corporate limits of the Village of Palatine.

c. All servers at the events must have a valid Palatine Beverage Servers and Sellers license.

Any violation of the Class "PS" license or any conditions related thereto shall also be considered a violation of the B or B-1 liquor license held by the licensed establishment and shall be grounds for the revocation, suspension, or other action pursuant to the Village Code of Ordinances, related to all Village licenses held by the establishment.
(Ord. No. 0-122-08, §1, 9/2/08)

(24) *Class "PS-1" License* (Full Serving Product Sampling) shall authorize the sale and full serving size service of products available for retail purchase in the establishment. Only those establishments holding a Class B liquor license and with a square footage in excess of 5,000 sq. ft. may apply for the Class PS-1 license.

Holders of a Class "PS-1" license shall have a designated and approved area to conduct product sampling of products available for retail purchase at the licensed retail location and limited special offering products from distributors which may or may not be available for retail purchase.

Holders of a Class "PS-1" license shall have a limited food menu, approved by the Village Manager, available at all times product serving is available. Such menu may consist of pre-packaged foods.

It shall be unlawful for a holder of a Class PS-1 license to sell or offer for sale any alcoholic liquor, or to deliver or permit the consumption of alcoholic liquor on the license premises, between the hours of 9:00 p.m. and 11:00 a.m. The annual fee for such license shall be as provided in the fee schedule supplement to the Palatine Code of Ordinances.

Any violation of the Class "PS-1" license or any conditions related thereto shall also be considered a violation of the B liquor license held by the licensed establishment and shall be grounds for the revocation, suspension, or other action pursuant to the Village Code of Ordinances, related to all Village licenses held by the establishment.

Any holder of a Class A, Class A-1, Class C, Class D, ~~Class D-1,~~ Class G, Class H, and Class N permit shall be entitled to weekend hours on the day before Thanksgiving, and St. Patrick's Day of every year when such days fall on a Monday through Thursday~~Friday~~, upon request, provided that two weeks notice be given to the Village Manager.

(Ord. O-21-21, 3-1-21)

25~~2~~. *Class "VG" License* (Video gaming) shall authorize video gaming on premise. Only those establishments holding a Class D or Class N liquor license may apply for the Class VG license.

Holders of a Class "VG" license may conduct video gaming as an ancillary use on premise in accordance with the following conditions:

a. The establishment must have a video gaming license issued by the Illinois Gaming Board in accordance with the provisions of the Video Gaming Act, 230 ILCS 40/1 et

seq, and shall comply with all provisions of the Illinois Video Gaming Act and all rules, regulations, and restrictions imposed by the Illinois Gaming Board.

b. The operation of video gaming terminals shall only be permitted during the hours alcoholic liquor sales are permitted pursuant to the underlying Class D or Class N liquor license.

c. Video gaming shall be located in a separated area that is restricted to persons 21 years of age or older. Applicants shall submit a floor plan for approval by the Village that clearly indicates the proposed location of all video gaming terminals. Said video gaming area shall be separated by a permanent opaque barrier with a minimum height of four (4) feet. The floor plan shall include specific information as to the type of barrier to be utilized to separate the area, provided however, that such barrier shall not obstruct the view of the entrance to the video gaming area which shall be visible to an employee at all times. The entirety of the separated area shall be visible at all times to an employee through live video surveillance. Additionally, a plan shall be approved as part of the application process that demonstrates frequent physical monitoring of the video gaming terminals by an employee in addition to the video surveillance. Notwithstanding the foregoing and to the extent possible, lighting and sounds from the gaming machines shall be contained within the separated area with minimal intrusion to the remainder of the licensed establishment and ~~The~~ the video gaming terminals shall not be visible from outside the establishment.

d. The separated area must provide for accessibility in accordance with all applicable codes including the Americans with Disabilities Act. A floor plan shall be approved by the Liquor Commission as part of the issuance of the Class VG License.~~minimum of forty (40) square feet for each authorized video gaming terminal or as otherwise approved on a floor plan.~~

e. The total number of video gaming terminals located in the establishment shall not exceed ~~five (5)~~ six (6);

f. No video gaming signage or advertising of any type or size, including, but not limited to, posters, paper signage, fliers, neon signage, banners, video or audio feed, or any other form of advertisement, shall be allowed on the exterior of the licensed establishment or on the inside of such establishment if such signage is visible ~~in any way~~ from the outside in any way, including but not limited to, visibility from any street, alley, or public right-of-way within the Village;

g. Video Gaming is prohibited in any establishment located within 100 feet of any school or place of worship as defined under the Illinois Video Gaming Act 230 ILCS 40/1 et seq.;

h. The establishment must be in good standing with the Village for no less than one (1) year prior to its application for a License which allows Video Gaming. The one (1) year requirement is satisfied if an otherwise eligible establishment is acquired by a new owner that operates qualified video gaming in other locations in the State of Illinois. To be in "in good standing" the licensee shall:

(i) Owe no sums of money to the Village at the time of its application nor have been late in payments to the Village of any sum owed the Village in the

previous twelve (12) months prior to date of application;

(ii) Have held a Village of Palatine liquor license;

(iii) Been in continuous bona fide operation under that license for no less than twelve (12) months at the time of its application for the License.

(iv) Have had no legal violations causing a suspension of its liquor or business license in the twelve (12) months prior to its application for the License; and

(v) Be in compliance with all dram shop and video gaming laws, rules and regulations of the Village of Palatine and the State of Illinois.

The Commission shall have the authority to waive the requirements in subsection (h) (ii) and (iii) upon a petition by the applicant that demonstrates that the one (1) year requirement is not necessary.

Additionally, holders of a Class "VG" license shall be equipped with video surveillance equipment capable of recording clear continuous video of the separated video gaming area and the outside of the establishment. Video Surveillance shall meet the following standards:

1) The video surveillance cameras shall be digital in nature (digital video recorder) and shall be of sufficient number, type, placement and location to view and record all activity in front of and on all sides of each entry and exit way used by patrons of the licensee for a distance of 25 feet from the point of entry or exit of the licensed establishment. Further video surveillance cameras shall be installed to record all activity in the portion of the licensed premise approved for video gaming. Full video coverage of this area shall be provided; and

2) The video surveillance cameras shall be sufficiently light sensitive and provide sufficient image resolution (supported by additional lighting if necessary) to produce easily discernible images recorded at all times; and

3) The video surveillance cameras shall record at a minimum speed of fifteen frames per second; and

4) The video surveillance camera image shall be capable of being viewed through use of appropriate technology, including but not limited to a computer screen or closed circuit television monitor; and

5) The video surveillance camera system shall be capable of transferring the recorded images to portable format of media, including but not limited to compact disc, digital video disc or USB thumb drive; and

6) The video surveillance cameras shall be maintained in good working condition; and

7) The video surveillance cameras shall be in operation and recording continuously, twenty-four (24) hours per day; and

8) The recordings made by video surveillance cameras installed and maintained pursuant to this ordinance shall be indexed by dates and times and preserved for a minimum of thirty (30) days so that they may be made available to the liquor commissioner, the police department and other governmental agencies in furtherance of a criminal investigation or a civil or administrative enforcement investigation, prosecution or hearing. The Licensee shall allow the inspection of the video surveillance equipment and/or all video surveillance content by the Palatine Police Department at any time during regular business hours upon oral or written request and without warrant, subpoena or other legal process. Once Licensee receives a request for inspection or copies of video surveillance, no preserved material shall be deleted without written direction from the Palatine Police Department. Any knowing or intentional violation of this paragraph shall constitute sufficient grounds for the revocation of the establishments liquor license; and

9) The licensee shall post signage, in a conspicuous manner and at appropriate locations, notifying the public that video surveillance cameras are in operation

The annual fee for such License shall be provided in the fee schedule supplement to the Palatine Code of Ordinances. Additionally, any establishment operating pursuant to a Class VG License which allows for and authorizes video gaming must pay an annual fee to the Village in the amount of one thousand dollars ($1,000) per video gaming terminal authorized in the establishment.

The Class VG License shall terminate with no further action required of the Village Council at 11:59 p.m. on June 30, 2024.

Sec. 3-43. Prohibited licenses.

(a) No license shall be issued to any person for the sale at retail of any alcoholic liquor at any store or other place of business where the majority of customers are minors of school age.

(a) No license shall be issued to any establishment which also delivers gasoline for automotive vehicles on the same premises~~.~~, unless such establishment has been issued a B-4 liquor license.

Authorize Village Manager to Execute a Contract for Replacement Storage Arrays

BACKGROUND: The three primary data storage arrays for the Village of Palatine computer systems will be end-of-life at the end of 2022. At the end-of-life period, the vendor no longer provides support for the critical equipment/software.

These storage arrays provide the bulk of storage for the different Village servers and databases. Additionally, the arrays replicate critical data between Village Hall, Public Works, and the Police Department, providing disaster recovery and residency for the environment.

The Village evaluated different vendors and decided to continue with HP / Nimble arrays from Cambridge Computers due to cost, performance and reliability. An RFP was published for 2.5 weeks but received only one response. This is most likely due to the opportunity being registered by the reseller with the manufacturer, limiting favorable pricing to only them.

The new arrays are "all flash," which significantly reduces the moving parts and increases reliability of the equipment. Additionally, flash arrays provide significant performance increases than hard disk-based arrays.

The bid of $89,854.39 reflects about an 80% discount over the MSRP price and is below the $100,000 budget.

KEY ISSUES:

- Current data arrays are going end of life in 2022.
- Critical infrastructure for the IT Operations and Disaster Recovery.

ALTERNATIVES:

1. Refer back to Staff.
2. Authorize the Village Manager to execute a contract for the replacement of storage arrays.

RECOMMENDATION:

Staff recommends the replacement arrays project with Cambridge Computers.

ACTION REQUIRED:
A motion to authorize the Village Manager to execute a contract with Cambridge Computers for the amount of $89,854.39 for storage arrays replacement project.

ATTACHMENTS:

- Array Bid Tab
- HPE Nimble Storage AF20Q - Cambridge Computers
- HPE Nimble Storage Adaptive Flash Arrays-a00008274enw

2022 VOP HPE NIMBLE STORAGE AF20Q ALL FLASH ARRAYS
VILLAGE OF PALATINE
BID OPENING: THURSDAY, MARCH 31, 2022 11:00 AM

Bidder Name		Total Bid Price
CAMBRIDGE COMPUTER SERVICES, INC.		89,854.35

Attachment: Array Bid Tab (Award of Contract for Replacement Disk Array)

Mr. Reid Ottesen
Village Manager
Village of Palatine
200 E. Wood St.
Palatine, IL 60067

CAMBRIDGE
Computer
ARTISTS IN DATA STORAGE

March 28, 2022

RE: Sealed Bid - 3 HPE Nimble Storage AF20Q All Flash Arrays

Dear Mr. Ottesen:

Cambridge Computer Services, Inc. ("Cambridge") is pleased to have the opportunity to provide this bid ("Bid") in response to the Village of Palatine ("Palatine") Notice to Bid event referenced above. Cambridge has endeavored to provide information in a concise and easily-understood format. In addition to this cover letter, this Bid includes the following documents:

- Cambridge's Statement of Work;
- Cambridge's formal quotation; and
- Cambridge's signed Notice to Bid.

Section I - Executive Summary

Cambridge Computer Services is pleased to offer (3) HPE Nimble All Flash arrays that meet the requested technical specifications requested, as well as (2) APC NetShelter server 42U Racks. Onsite Professional Services are also quoted, along with a statement of work that describes the full scope of these services.

Section II - Technical Specifications

The technical specifications of the hardware and associated costs, as well as the delivery projections with order date of April 12, 2022, are listed on Cambridge's enclosed formal quotation.

Please note that Cambridge is able to offer Net 60 payment terms for all line items on the quotation. Cambridge is also willing to delay invoicing Palatine for the professional services (line item 3 on the quotation) until after installation and acceptance. Due to current market conditions and supply chain constraints, Cambridge was not able to get open-ended payment terms from its suppliers. Therefore, line items 1 and 2 must be invoiced as they are shipped, and Palatine's corresponding payment shall be due Net 60 days thereafter. In regards to warranty, it is important that the system is under support upon arrival and during installation. To address the spirit of Palatine's request for the support to start later, Cambridge has included a 2-month extension to HPE's support. The APC enclosure is covered by its standard manufacturer warranty.

Thank you for you and your team's kind consideration of this Bid.

Sincerely,

Stephen A. Odio
Chief Operating Officer

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

NOTICE TO BID
VILLAGE OF PALATINE
HPE Nimble Storage AF20Q All Flash Arrays

The Village Manager's Office is seeking bids for the purchase of 3 HPE Nimble Storage AF20Q All Flash Arrays

Submittal Requirements: To be considered, your bid must be received by 4:00 p.m. on Wednesday, March 30th. The original proposal and two (2) copies must be submitted together in a sealed envelope or container, to the attention of Mr. Reid Ottesen, Village Manager, Village of Palatine, 200 E. Wood St., Palatine, 60067 stating on the outside:

Contractor's name
Address
Telephone number
Due date

Bid title "Sealed Bid - 3 HPE Nimble Storage AF20Q All Flash Arrays"

Sealed bids will be opened and publicly read aloud by the Village Clerk's office on **Thursday, March 31st at 11:00 a .m.** in Meeting Room A, Community Center, 200 E. Wood Street, Palatine, Illinois. Award of Contract, if one is to be made, is scheduled by the Village Council at their regular meeting to be held on **Monday, April 11th at 7:00 p.m**.

The Village of Palatine reserves the right to reject any or all bids, to waive any informality, and to accept any proposal which the Village Council deems most favorable to the interest of the Village.

Copies of the bid details may be picked up Monday through Friday, 8:00am to 4:00p.m. at the Village of Palatine Information Technology office, 200 E. Wood Street, Palatine, IL.

Questions and/or comments should be directed Monday – Friday, 10:00am – 5:00p.m., to Systems Engineer – Bryan Keadle, 847-963-6272.

Date Published:

Margaret R. Duer
Village Clerk

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

Village of Palatine

3 HPE Nimble Storage AF20Q All Flash Arrays

Bids due no later than 4 p.m. on Wednesday, March 30th

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

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F.	**Vendor Signature**	**9**

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

A. Introduction

The Village of Palatine is accepting bids for (3) HPE Nimble Storage AF20Q All Flash Arrays to replace the existing Nimble CS210 SAN arrays providing SAN-based replication across 3 production data centers. The bid must include (2) 42U, 1991H x 600W x 1200D mm server rack enclosures.

Bids shall include delivery of fully functional array units F.O.B. to:

Village of Palatine - Village Hall
200 E. Wood Street
Palatine, Illinois 60067

One server rack shall be delivered to:

Village of Palatine - Village Hall
200 E. Wood Street
Palatine, Illinois 60067

And the second server rack shall be delivered to:

Village of Palatine – Police Department
595 N Hicks Rd
Palatine, Illinois 60067

Delivery and warranty of the HPE Nimble arrays shall not be completed until after the server racks have been confirmed installed and ready to receive the arrays.

Upon delivery, the units will be inspected and signed for to verify the Village's receipt.

Award of the bid will be based on price, quality, and delivery time. The delivery time quoted on the proposal form shall be firm and the Village retains the right to cancel all orders not delivered within the quoted time allotment. Extensions of time allowed for delivery may be obtained from the Village if there is just cause, but this should be done well in advance.

In the event that a bidder wishes to withdraw a submitted bid for any reason, it may be withdrawn without penalty until 8:00 a.m. on the day of the bid opening. After that time, the bidder, should the bid have been deemed successful, will be held in default and therefore liable for any and all additional costs to the Village for obtaining the equipment in question. The same shall be true should a successful bidder be unable to provide the equipment in accordance with the awarded bid and/or the proposed delivery time regardless of cause or reason whether natural, man-made, or labor-related.

The successful bidder shall warrant and guarantee that the bid price will be firm and that there will be no escalation at time of delivery. All manufacturer warranties must be in effect and commence on the date that the operational unit is delivered to the Village. The bidder's execution of the bid forms and submission of same constitutes acknowledgment and acceptance of terms and conditions of the bidding documents.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

The awarded bid itself shall become the binding contract between the Village and the successful bidder upon award by the Village Council.

Payment for the equipment shall be made by the Village through its normal payment process. The successful bidder shall receive such payment within sixty days of the receipt of the completed equipment, an original invoice, and all other documentation required including certificate of origin and warranty statement.

Acceptance of bid, if one is to be made, is scheduled by the Village Council at their regular meeting to be held on **Monday, April 11th 2022 @ 7 p.m.**

The Village of Palatine reserves the right to reject any or all bids, to waive any informalities in bidding, and to accept any proposal which the Village Council deems most favorable to the interests of the Village.

B. Scope of Work

Provide sales support, delivery, installation, configuration, and "knowledge transfer" for the purchase of 3 HPE Nimble Storage AF20Q All Flash Arrays.

All equipment must be factory new, no refurbished, demo or used equipment will be considered.

The server racks must be delivered and Village-installed prior to the delivery (and beginning of warranty terms) of the arrays. The server racks will replace existing 1070D mm racks, so we would need up to 4 weeks to complete the replacement.

Quantity	Part #	Item	Description
3	Q8H73A	HPE Nimble Storage AF20Q All Flash Array	HPE Nimble Storage AF20Q All Flash Array
3	Q8C20B	HPE NS 2x10GBASE-T 4p FIO Adptr Kit	HPE Nimble Storage 2x4-port 10GBase-T Ethernet card
3	Q8H79A	HPE NS AF20Q R2 11.52TB FIO Flash Bndl	11.52TB (12x960GB) Flash Drives
6	Q8J18A	HPE NS NEMA 5-15 to C13 US FIO Pwr Cord	3 foot NEMA 5-15 to C13 power cords
3	HU4B5A5	HPE 5Y Tech Care Basic Exch SVC	5 year warranty
3	HU4B5A5 ZEA	HPE NS AF20 All Flash Base Array Supp	5 year maintenance and support for AF20Q Array
3	HU4B5A5 ZF2	HPE NS AF20Q R2 11.52TB Flash Supp	5 year maintenance and support for AF20Q Flash Drives
3	HU4B5A5 ZFX	HPE NS 2x10GBASE-T 4p Adptr Supp	5 year Annual maintenance and support for AF20Q 4-port 10G Ethernet module

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

2	AR3300	APC NetShelter SX, Server Rack Enclosure, 42U (or equivalent)	Black, 1991H x 600W x 1200D mm server rack
1		Professional Services	Providing sales support, delivery, installation, configuration, and "knowledge transfer" for the purchase of 3 HPE Nimble Storage AF20Q All Flash Arrays. Install and configuration to include networking to mimic/match existing configuration of current iSCSI SAN network ; 3 volumes connected to 2 ESXi servers in each of the 3 clusters; offer migration strategies of existing SAN volumes to the new arrays; duplication of the custom protection policies.

C. Requirements for Bid

Village of Palatine prefers bids to be concise and easy to understand. Do not include unnecessary or extraneous information. Please format the proposal with the following sections. Include all information requested.

Section I - Executive Summary

This section must include a brief overview of the key elements of your proposal. Highlight any features or areas that differentiate your services and products from competitors.

Section II - Technical Specifications

List the technical specifications of the hardware and associated costs. Provide delivery projections with order date of **April 12th , 2022**.

D. Terms and Conditions

Village of Palatine reserves the right to accept or reject any Bid. Responses will be retained as property of Village of Palatine.

The Village reserves the right to award the contract to the next qualified firm. If the successful firm does not begin contracted services within the prescribed days stated in the contract.

The contracted firm will correct any and all errors and omissions that they make, at their own expense.

Upon receipt of this bids by potential proposers, contact with any elected or appointed official, authority or board member, or employee of Village of Palatine, other than the contact listed, initiated by a firm representative to promote the firm(s) selection may result in disqualification. Timely information to all interested parties with regard to progress in the selection process and its results will be provided.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

E. Procedures for Submitting bids

Specifications/Requirements may be obtained from and any inquiries directed to:

Bryan Keadle
Systems Engineer
200 E. Wood Street
Palatine, Il 60067
Phone: 847-963-6272
Email: bkeadle@palatine.il.us

Proposals will be received at:

Mr. Reid Ottesen
Village Manager
200 E. Wood Street
Palatine, Il 60067

Proposals must arrive at the above listed address no later than
4:00 p.m., Wednesday March 30th, 2022 to be considered. Responses received after this time will be marked "LATE" and will remain unopened. No faxed / email responses will be received.

No questions will be accepted after **March 30th, 2022 at 4 p.m.**

Three copies of the bid must be furnished on or before the deadline. The original and two copies must be submitted together in a sealed envelope or container, to the attention of Reid Ottesen, Village Manager, stating on the outside:

Contractor's name
Address
Telephone number
Due date: **4:00 p.m., Wednesday March 30th , 2022**
Bid title: **HPE Nimble Storage AF20Q All Flash Arrays**

Proposals must contain a manual signature of an authorized representative of the responding firm(s).

Village of Palatine is not liable for any costs incurred by proposers prior to the issuance of a written Notice to Proceed.

The contents of the Proposal of the successful firm may become part of any subsequent contractual obligation.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

F. Vendor Signature

By submission of this proposal, the offered certifies that he/she has arrived at costs independently, without consultation, communication, or agreement for the purpose of restricting competition:

CHRISTOS ALEXIADIS, RELATIONSHIP MANAGER
Business Contact Representative

STEPHEN A. ODIO, COO
Operational Contact Representative

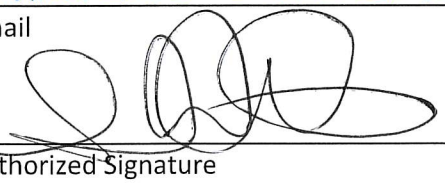
CAMBRIDGE COMPUTER SERVICES, INC. 043124822
Vendor's Name Federal ID #

271 WAVERLEY OAKS ROAD, SUITE 301 WALTHAM, MA 02452-8469
Address

WWW.CAMBRIDGECOMPUTER.COM
Vendor's Web Site

781.250.3000 781.250.3100
Phone Fax

CALEXIADIS@CAMBRIDGECOMPUTER.COM
Email



Authorized Signature 3/28/22
Date

STEPHEN A. ODIO, CHIEF OPERATING OFFICER
Typed Name & Title

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

CAMBRIDGE
Computer
ARTISTS IN DATA STORAGE

QUOTATION

Quote No: 121694 **Quote Date:** 3/21/22
Page: 1 **Expiration Date:** 4/20/22

Client Name: Village of Palatine
Contact Name: Bryan Keadle

Relationship Mgr: Christos Alexiadis
Phone: 781-250-3028
Email: calexiadis@cambridgecomputer.com
Fax: 781-250-3128

Part No	Description	Quantity	Unit Price	Ext Price
HPE All Flash Solution				
1) 053460	**HPE Nimble All Flash Array** HPE: HPE-NIM-AF20Q *HPE NS AF20Q All Flash Base Array* *(1) 2x10GBASE-T 4-port FIO Adapter Kit* *(1) HPE NS AF20Q R2 11.52TB FIO Flash Bndl* *(2) HPE NS NEMA 5-15 to C13 US FIO Pwr Cord* *HPE 5 Year Tech Care Basic Exchange Service for:* *HPE NS 2x10GBASE-T 4p Adptr Supp* *HPE NS AF20 All Flash Base Array Supp* *HPE NS AF20Q R2 11.52TB Flash Supp* *Estimated lead time after receipt of order: 15 weeks*	3.00	$26,354.61	$79,063.83
2) 054269	**APC NetShelter SX, Server Rack Enclosure, 42U** AMER POWER: AR3300 *Black, 1991H x 600W x 1200D mm* *Estimated lead time after receipt of order: 2 weeks*	2.00	$1,945.26	$3,890.52
3) 024497	**Professional Services /Project** CCS: PS-/FP *Professional services, fixed-price project as detailed in a Cambridge Statement of Work (SOW). Travel and related expenses are included.*	1.00	$6,900.00	$6,900.00

Total: **$89,854.35**

This quotation may contain items that use compression or deduplication. Any performance numbers provided in connection with the items on this quotation rely on assumptions that likely differ from the actual conditions in your environment. Your compression or deduplication performance may vary. Accordingly, Cambridge Computer does not guarantee deduplication or compression performance or ratios.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

CAMBRIDGE
Computer
ARTISTS IN DATA STORAGE

Quote No:	**121694**	**Quote Date:**	3/21/22
Page:	**2**	**Expiration Date:**	4/20/22

Part No	Description	Quantity	Unit Price	Ext Price

Ship to Instructions

HPE Nimble All Flash arrays quantity (3) and APC NetShelter quantity (1) will be delivered to:

Village of Palatine - Village Hall
200 E. Wood Street
Palatine, Illinois 60067

Ship to Instructions for APC NetShelter quantity (1)

Village of Palatine Police Department
595 N Hicks Rd
Palatine, Illinois 60067

Standard Terms and Conditions

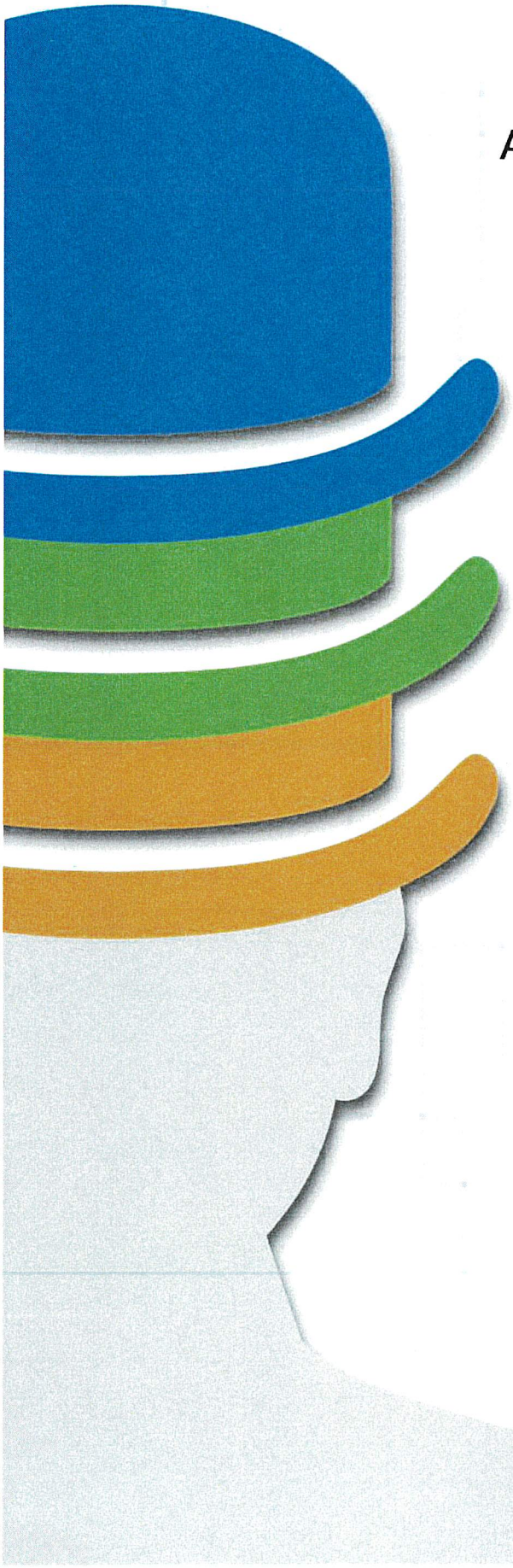
1) Delivery terms for U.S. domestic shipments are FOB origin unless this quotation states otherwise.
2) Payment terms are net 60 days, subject to credit approval.
3) If you do not have a separate agreement with Cambridge Computer Services, Inc. ("CCS") that applies to your order, the terms available online at cambridgecomputer.com/tos/tos20220318.htm will govern your order.
4) CCS will collect sales taxes in states where it is registered to collect sales taxes, unless you provide a tax-exempt certificate.

Cambridge Computer is a Woman-Owned Business Enterprise (WBE) certified by the Commonwealth of Massachusetts, New York City, and Tennessee, a HUB-Certified (W) by the State of North Carolina, a SWaM (Small and Woman-Owned Business) certified by the Virginia SBSD, and a Women's Business Enterprise (WBE) certified by the Women's Business Enterprise National Council. For more details and CCS's certifications, please contact Joe Hickson at 781-250-3223.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

CAMBRIDGE
Computer

ARTISTS IN DATA STORAGE



- Village of Palatine
- Statement of Work
- HPE Nimble Install

March 21, 2022

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

Thank you for choosing Cambridge Computer's Professional Services. This Statement of Work ("SOW"), effective as of March 21, 2022 (the "Effective Date"), is prepared by Cambridge Computer Services, Inc. ("CCS" or "Cambridge Computer" or "Cambridge Computer Services") for approval by you, Village of Palatine ("Client" or "VoP").

This document is organized as follows:

- Overview
- Project Management
- Services to be Performed
- Project Deliverables
- Dependencies & Prerequisites
- Payment
- Client Contact Information & Acceptance Sign-off

OVERVIEW

EXECUTIVE SUMMARY

Village of Palatine has engaged Cambridge Computer Services to install three HPE Nimble All Flash Arrays.

COMPONENTS PURCHASED

(3) HPE Nimble All Flash Array, each includes:

- HPE Nimble Storage AF20Q All Flash Dual Controller 10GBASE-T
- (1) 11.52TB (12x960GB) FIO Flash Bundle
- (1) 2x10GBASE-T 4-port FIO Adapter Kit
- (1) NOS LTSR FIO Software
- (2) NEMA 5-15P to C13 125V 10Amp 1.8m US FIO Power Cord
- 5 Year Tech Care Basic Exchange Service

(2) APC NetShelter SX, Server Rack Enclosure, 42U

ENVIRONMENT OVERVIEW

Client currently has (3) Nimble CS210 Hybrid arrays serving the production VMware clusters via ISCSI at three local locations (Community Center, Public Works, Police Dept), using a single vCenter. The VMware cluster is made up of (8) ESXi hosts running vSphere 7.0 or later.

PROJECT MANAGEMENT

The Client is responsible for ensuring that appropriate staff with sufficient decision-making authority attends all meetings and conference calls listed below. From VoP the following attendees are required at all meetings and conference calls: Bryan Keadle. CCS's Professional Services staff will attend and lead these discussions.

PROJECT PLANNING CALL

Prior to starting work, CCS's Professional Services staff will schedule a project planning call.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

The purpose of this call is to prepare for the engagement, to ensure that time is used as efficiently as possible. During this call, the following items will be discussed: review the scope of work & prerequisites identified in this document, review the schedule, inform the client of any decisions that will need to be made, inform the client of resources that will be necessary during the project, confirm that there have been no changes to the environment, and answer any open questions.

Finally, during this call, the Project Kickoff Meeting will be scheduled for the morning of the first day of the project.

PROJECT KICKOFF MEETING

On the morning of the first day of the project, CCS's consultant will hold a Project Kickoff Meeting.

The purpose of this meeting is to ensure that all necessary resources are available as expected for the project, and to review the project plan on a more detailed level. Additionally, at this meeting any policies or design decisions required that have not already been made must be decided upon to ensure an efficient implementation.

WRAP-UP MEETING

On the last day of the project, CCS's consultant will hold a wrap-up meeting.

The purpose of this meeting is to review the project, discuss any tasks that remain for either the Client or CCS, and agree on what final steps remain, if any, to close out the project.

POST IMPLEMENTATION TECHNICAL SUPPORT RESOURCES

The following technical support resources will be available to you after the implementation:

TECHNICAL SUPPORT RESOURCES			
CONTACT	*HOURS*	*PHONE*	*OTHER SUPPORT CONTACTS*
HPE	24x7	1-844-806-3425	https://www.hpe.com/us/en/support.html

SERVICES TO BE PERFORMED

Unless otherwise stated elsewhere in this SOW, all services to be performed under this SOW will be performed at Village of Palatine locations, at or near 200 E. Wood St., Palatine, IL 60067 or from Cambridge Computer's off-Client-site work locations.

During this engagement, the Cambridge Computer consultant will perform the following tasks:

NIMBLE INSTALL

For each of the (3) Nimble AF20Q storage arrays, CCS will:

1. Cable and configure the Nimble array on the Client's network.
    - Perform system setup
    - Add Nimble to existing Nimble Group
2. Configure Nimble Storage software features, as needed

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

3. Configure up to (3) ESXi hosts, to access Nimble storage via multipath iSCSI to switches
4. Install the latest version of Nimble Connection Manager on attached hosts, as needed
5. Begin storage pool migration from existing CS210 storage pool to new AF20Q storage pool
    - Discuss Group Leader promotion process for when data relocation completes.
6. Configure Nimble replication for (1) target array per source array.
    - Demonstrate Nimble replication on a sample volume to confirm functionality
7. Provide informal knowledge transfer throughout the engagement
8. Deliver synopsis of the Nimble configuration after the engagement

MOVE EXISTING EQUIPMENT TO NEW RACKS

1. Assist Village of Palatine staff in moving existing equipment to the new racks

PROJECT DELIVERABLES

SERVICES OUTLINED ABOVE

The first deliverable is the services that are outlined above.

DOCUMENTATION

Upon completion of all the project tasks, our consultant will write a synopsis of your system configuration. This synopsis will be delivered within three weeks after all other project tasks have been completed. Documentation is written in our Waltham office, reviewed by our consulting team.

KNOWLEDGE TRANSFER

Informal knowledge transfer will be provided by CCS' consultant throughout the course of the engagement.

DEPENDENCIES & PREREQUISITES

The services described in this SOW and the Quote are dependent on the services dependencies available online at cambridgecomputer.com/sd/sd20200911.htm, which are incorporated into this SOW by reference as if stated herein, and dependent on Client fulfilling the following prerequisites:

NIMBLE INSTALL

- Client has shut down and disconnected all cables from equipment in existing racks that is to be moved to the new racks
- Client has secured necessary data center rack space, electrical capacity, network capacity, and required third-party hardware, software or documentation in advance of the installation.
    - Power, rack space and heat requirements are as follows per HPE Nimble array: 4U of rack space, 600Watts power. Depth required at least: 88.9cm (35 inches)
    - HPE strongly recommends having at least 1200mm rack depth to accommodate the chassis with enough space for cable bends and heat/airflow dissipation
- Client has confirmed that the Nimble Storage hardware and software has been delivered to the data center

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

- Client has unpacked all Nimble Storage hardware
- Client has racked all Nimble Storage hardware
- Client has pre-laid network and electrical cabling
- For each Nimble unit being added to an existing group, IP addresses and hostnames should be assigned for the following:
    - Management network: (3) IP address, generally on customers management network. One IP is for secondary floating management, two IPs for controller diagnostics.
    - iSCSI discovery IPs: (1) IP address per iSCSI subnet. This is often best put on the iSCSI network, but can be located on the management network if necessary.
    - iSCSI SAN network: At least (1) per subnet, but can scale to as many ports as are available on each controller. For example, an HF20 configured with 2 x 10 GbE 10BaseT ports (per controller), and 2 x 10 GbE SFP+ ports (per controller) could potentially have up to 4 iSCSI addresses. The iSCSI SAN network is often a dedicated network, and given an IP scheme different from the production network
    - Two subnets are generally recommended for iSCSI MPIO.
        - Using a single iSCSI subnet is permitted, as long as port binding is used on each of the hosts
- Networking configuration (VLANs, switch configuration, etc) should be completed and if possible, tested, prior to the start of the onsite engagement. This information will propogate to any additional arrays added to the Nimble group.
    - Rapid Spanning Tree Protocol (portfast) will need to be configured for all switch ports the Nimble and iSCSI initiators are connected to.
    - Enable Flow Control on all switch ports that the Nimble and iSCSI initiators are connected to.
    - Disable unicast storm control. Broadcast and multicast storm control are encouraged.
- Any hosts to which CCS will connect/integrate HPE Storage should be ready, fully set up and patched.
    - Nimble Connection Manager and Nimble Windows Toolkit require rebooting ESXi hosts prior to taking effect.
    - Virtual machines with volumes presented directly to the OS (eg Exchange), Windows Toolkit will need to be installed on the virtual machine and then rebooted for changes to take effect.
    - Use of hardware iSCSI initiators will need to be qualified on a case by case basis.
    - HPE recommends as best practice that software iSCSi initiators be used. More testing is done with SW iSCSI initiators than any individual HW initiator.
    - Nimble Connection Manager is designed specifically to work with SW iSCSI initiators.
        - Certain HW iSCSI initiators don't support full 9000 MTU jumbo frames.
- A management server must be available to use for initial setup. This system will need to be in the local subnet of the Nimble Storage array, and uses the Nimble Setup Manager Windows application (included with the Nimble Windows Storage Integration kit) for initial setup via Bonjour discovery/broadcast.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

PAYMENT

The payment schedule for the project is as follows:

DESCRIPTION	COST
HPE Nimble Install	$6,900
Totals	**$6,900**

These services are included in Cambridge Computer quotation number 121694 (the "Quote").

Travel and expenses are included.

CLIENT CONTACT INFORMATION & ACCEPTANCE SIGN-OFF

Project Manager:_____ Phone: _____

Email: _____ Cellular:_____

Escalation Person:_____ Phone: _____

Email: _____ Cellular:_____

Accepted and agreed to as of the Effective Date:

Client

_____

(authorized signature)

_____

(printed name)

_____

(title)

Cambridge Computer Services, Inc.

_____

Jay Bell, Director of Professional Services

Signature and Return Instructions: If you wish to sign this SOW electronically, please email jbell@cambridgecomputer.com and he will send you a copy via Cambridge Computer's e-signing software, EverSign. If you would like to sign this SOW manually, please return a complete scan of all pages by email to jbell@cambridgecomputer.com or by fax to 781-250-3363.

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

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Prepared By: Christos Alexiadis
SP: HPE Nimble Install SOW for Village of Palatine v3

Attachment: HPE Nimble Storage AF20Q - Cambridge Computers (Award of Contract for Replacement Disk Array)

Overview

HPE Nimble Storage Adaptive Flash Arrays

Like having two flash arrays in one

The HPE Nimble Storage Adaptive Flash array is truly adaptive. It is designed for both Primary and Secondary flash workloads. It is a Hybrid Flash array for mixed, primary workloads, where cost-efficient flash performance is important. It is a Secondary Flash array for backup and DR while allowing you to put your backup data to work.

Experience the Power of Predictive

HPE Nimble Storage Adaptive Flash Arrays combine a flash-efficient architecture with HPE InfoSight predictive analytics to achieve fast, reliable access to data and 99.9999% guaranteed availability[1]. Your storage investment made today will support you well into the future, thanks to our technology and business-model innovations.

What's new

Now HPE Nimble Storage Adaptive Flash Arrays are NEBS (Network Equipment Building System) certified.

The HPE Nimble Storage family of adaptive flash arrays deliver the functionality of two cost-effective flash arrays in one – Hybrid flash and Secondary flash. The new arrays are up to 65% faster than and more than twice as scalable as previous adaptive flash arrays. The arrays use inline variable block deduplication and compression for maximum data reduction. Adaptive arrays are designed to deliver business value today and tomorrow as demonstrated by our **timeless storage.**

Notes: For more information about the entire HPE Nimble Storage product portfolio, go to **https://www.hpe.com/us/en/storage/nimble.html**.

HPE Nimble Storage Adaptive Flash Array

(Base array, 4U; 21 bays hold carriers with Large Form Factor HDDs,3 bays hold Dual Flash Carriers with Small Form Factor SSDs)

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Standard Features

HPE InfoSight predictive analytics

- Automatically predicts and resolves 86% of problems before you even know there is an issue.
- Transforms the support experience through predictive automation and Level 3-only support.
- Sees across the infrastructure stack and resolves problems beyond storage.
- Simplifies planning with prescriptive forecasts into capacity, performance, and bandwidth needs.
- Makes infrastructure smarter and more reliable by learning from the installed base.

Radical Simplicity

- Simple to deploy. Simple to use. Simple to manage.
- Cloud-ready. Deploy flash on-premises or in the cloud with common data services and mobility between all-flash, hybrid flash, and HPE Cloud Volumes.
- Timeless Storage means no worries today or tomorrow. Flash arrays come with a satisfaction guarantee, all-inclusive software licensing, flat support pricing, no forklift upgrades, and an option to receive a free faster controller upgrade after three years.
- Radically easy to integrate with many ecosystems. Deep integration with VMware, MS applications, Oracle, Veeam, and others.
- No data worries. 99.9999% (six-nines) guaranteed availability1. Triple+ Parity RAID tolerates 3 simultaneous drive failures plus additional protection through intra-drive parity.

Flash Performance for Mixed, Mainstream Workloads

- Speed and efficiency for mixed workloads with sub-millisecond response and greater efficiency than other hybrid arrays3.
- Write to cost-optimized disk at flash speeds through write serialization – defying the physics of mechanical spindles.
- Assign and change the service level of any volume at the click of a button ("Auto Flash", "All Flash", or "Minimal Flash").
- Always-on data reduction delivers up to 5X or more space savings without performance penalty4.

Put Your Backup Data to Work

- Secondary storage that does real work: Flash performance lets you use your backup data for development/test, QA, analytics, and more.
- Eliminates the need for full backups: And speeds synthetic full backups from hours to minutes. Native application-consistent snapshots and replication plus integration with leading backup software.
- Restore backup data instantly. Fast backup verification - test backups more often. Eliminate the need to restore by running workloads directly.
- Deep integration with Veeam availability software. Array capabilities accessible through the Veeam GUI.
- Backup and DR at a third of the cost, when replicating from all-flash to adaptive flash.
- Very cost-effective with powerful dedupe and compression. App-granular, FIPS-certified encryption provides data at-rest and over-the-wire protection. Secure data shredding is built-in.
- Redundant, hot-swap components including controllers, power supplies, SSDs, HDDs, and IO cards.

NEBS Level 3 Certified

- HPE Nimble Storage Adaptive Flash Arrays are NEBS (Network Equipment Building System) level 3 certified
- Ideal for network equipment providers and communication service providers requiring NEBS certified Hybrid Flash storage arrays for their telecom infrastructure
- NEBS Level 3 certified for all Nimble Storage Adaptive Flash Arrays (HF20, HF20C, HF20H, HF40, HF40C, HF60, and HF60C)

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Standard Features

HPE Nimble Storage Adaptive Flash Array models								
HPE Nimble Storage HF-Series array[1, 2]	**HF20**	**HF20H**	**HF20C**	**HF40**	**HF40C**	**HF60**	**HF60C**	**Scale-out**[3] **4X HF60**
Raw capacity (TB/TiB)[4, 7]	21-210/ 19-191	11-211/ 10-192	21-1050/ 19-955	21-504/ 19-458	21-1470/ 19-1337	21-1260/ 19-1146	21-1470/ 19-1337	5040/4584
Usable capacity (TB/TiB)[4]	16-169/ 14-153	7-164/ 6-149	16-846/ 14-770	16-406/ 14-369	16-1185/ 14-1078	16-1016/ 14-924	16-1185/ 14-1078	4065/ 3697
Effective capacity[5]	81-845/ 74-768	34-821/ 31-746	32-1692/ 28-1540	81-2030/ 74-1846	32-2370/ 28-2156	81-5080/ 74-4621	32-2370/ 28-2156	326-20324/ 297-18484
Max. # of expansion shelves	6	6	6	6	6	6	6	24
Flash capacity (TB/TiB)[4, 7]	1.4-28/ 1.3-25	0.9-28/ 0.8-25	0.7-38/ 0.6-35	1.4-48/ 1.3-43	0.7-60/ 0.6-54	1.4-156/ 1.3-142	1.4-156/ 1.3-142	624/567
RAID level Triple+ Parity								
Onboard iSCSI/Mgmt. 1 Gb/10 Gb ports per array[6, 8]	4	4	4	4	4	4	4	16
Optional iSCSI 1 Gb ports per array[8]	4, 8, 12, 16	4, 8, 12, 16	4, 8, 12, 16	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	96
Optional iSCSI 10 Gb ports per array[8]	4, 8, 12, 16	4, 8, 12, 16	4, 8, 12, 16	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	96
Optional iSCSI 25 Gb ports per array[8]	4, 8	4, 8	4, 8	4, 8, 12	4, 8, 12	4, 8, 12	4, 8, 12	48
Optional FC 16Gb (8Gb) ports per array[8]	4, 8, 12, 16	4, 8, 12, 16	4, 8, 12, 16	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	4, 8, 12, 16, 20, 24	96
Optional FC 32Gb (16Gb) ports per array[8]	4, 8	4, 8	4, 8	4, 8, 12	4, 8, 12	4, 8, 12	4, 8, 12	48
Max. power requirement (watts/kVA)	750/ 0.833	650/ 0.722	750/ 0.833	850/ 0.944	850/ 0.944	900/ 1.000	900/ 1.000	3600/ 4.000
Thermal (BTU)	2460	2132	2460	2788	2788	2952	2952	11,808

Notes:

- Specifications are subject to change without notice.
  - [1] HPE Nimble Storage HF20/HF20C and HF40/HF40C Adaptive Flash array support scale up to any model within the HF family. HF20H Adaptive Flash array supports scale up to the HF40 Adaptive Flash array.
  - [2] The HF20H Adaptive Flash array consists of up to 22 HDDs and 2 Dual Flash Carriers (DFCs). All other HF-Series models consist of up to 21 HDD drives and 3 DFCs (holding up to 6 SSDs).
  - [3] Scale-out configuration consists of 4X HF60 Adaptive Flash arrays, each with maximum supported capacity.
  - [4] Raw, usable, and effective capacities are shown in TB (10^{12} bytes) and TiB (2^{40} bytes). Usable and effective capacities take into account space used for parity, spares, SSD cache, and system overhead.

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Standard Features

- [5] Effective capacity is the capacity of the base array and maximum number of expansion shelves. Assumes data reduction of five to one (5:1) from deduplication and compression. Deduplication currently supported on HF20H, HF20, HF40, and HF60; the HF20C, HF40C, and HF60C does not support dedupe and is capacity optimized to scale to over 1PB.
- [6] Each array controller has 2 x 10GbaseT ports built in. Optional ports are 1GbaseT, 10GbaseT, 10GbE SFP+, 25GbE SFP28, 16Gb (8Gb) FC, and 32Gb (16Gb) FC.
- [7] The Total Max Raw Capacity/Flash Capacity per system is limited by the architecture of the system and is not to be exceeded, even if it may be possible to configure a system that exceeds this limit.
- [8] Array port counts shown include both active and standby controllers; active ports are half value shown.

Expansion Shelves for HPE Nimble Storage Adaptive Flash Arrays

ES3 Expansion Shelf for Adaptive	
Raw capacity (TB/TiB)[1, 4]	21–210/18–190
Usable capacity (TB/TiB)[1]	16–169/14–154[3]
Effective capacity (TB/TiB)[1 2]	32–337/28–308
Flash capacity (TB/TiB)[1]	0.7–108/0.7–98
Max. power requirement (Watts/kVA)	500/0.56
Thermal (BTU)	1638

Notes:

- Specifications are subject to change without notice.
  - [1] Raw, usable, and effective capacities are shown in TB (10^{12} bytes) and TiB (2^{40} bytes). Usable and effective capacities take into account space used for parity, spares, SSD cache, and system overhead.
  - [2] Scale-out configuration consists of 4X HF60 Adaptive Flash arrays, each with maximum supported capacity.
  - [3] When attached to a HF20H Adaptive Flash array, capacity is 16–167/14–152.
  - [4] The Total Max Raw Capacity per system is limited by the architecture of the system and is not to be exceeded, even if it may be possible to configure a system that exceeds this limit.

Host OS Support

Microsoft® Windows® Server, including Microsoft® Hyper-V™ | VMware vSphere™ | HP-UX® | Ubuntu
SUSE® Linux Enterprise | SUSE® Linux Virtualization | Red Hat® Enterprise Linux® | Red Hat® Enterprise Virtualization
CentOS | Oracle® Linux® (UEK and RHEL compatible kernels) | Oracle® Solaris Citrix® | IBM® AIX®

Notes: For the latest information on supported operating systems refer to Single Point of Connectivity Knowledge (SPOCK) for HPE Storage products, including HPE Nimble Storage: **http://www.hpe.com/storage/spock**

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Service and Support

Warranty

HPE Nimble Storage arrays come with the following warranties:

- 1 year; parts-only warranty for hardware components, including SSDs
- 90 day; software updates for defects

Additionally, HPE Nimble Storage will provide phone support for replacing a defective part. Additional support coverage is required for HPE Nimble Storage Arrays.

Notes:

- For hardware warranty claims, defective part must be received before replacement parts are shipped
- Warranty is provided by HPE Nimble Storage.
- Link to **HPE Global Limited Warranty and Technical Support**

Service and Support

Support is required for all HPE Nimble Storage Arrays. Support SKUs provide up to five years of 24x7 telephone and email support for the arrays and hardware components (Including SSDs reaching the write wear limit) with a choice of Next Business Day (NBD) parts exchange, 4-hour parts delivery, or 4 hour onsite support, access to the HPE InfoSight predictive analytics platform and software updates.

Notes: Support contract is mandatory for all HPE Nimble Storage products.

Installation Services

Installation Services are intended to guide you from start to finish and to help make your installation a success. Our engagement includes:

- Inventory and verify HPE Nimble Storage equipment against the sales order
- Physically rack and cable all HPE Nimble Storge equipment, including connecting network cables provided by the customer
- Conduct power-on tests and verify operation
- Add the array to an existing HPE Nimble Storage Group, if applicable
- Configure array's basic management, monitoring, & reporting capabilities
- Configure array for additional data networks / SAN connectivity as needed
- Upgrade the array to the latest recommended HPE Nimble OS version as needed.

HPE Tier 1 Storage Array Start-up service - HA114A1#5MR

Provides full hardware and software installation of a new HPE Nimble Storage array in a data center with up to six (6) shelves.

HPE Tier 1 Storage Array Start-up service - HA113A1#5MR

Provides on-site hardware installation only of a new HPE Nimble Storage array in a data center with up to six (6) shelves.

HPE Tier 1 Storage Upgrade service – HA124A1#5MS

On-site installation of upgrades kits or for an existing HPE Nimble Storage array.

HPE Tier 1 Storage Cross Family Offline Upgrade service – HA124A1#V0R

Provides the on-site hardware upgrade and disk migration from your exiting array to the new family array chassis.

Notes: All Installation and upgrade services are optional for all HPE Nimble Storage products.

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Service and Support

Additional Services Available

Get the most from your HPE products. Get the expertise you need at every step of your IT journey with **HPE Pointnext Services**. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Pointnext **Advisory Services**, focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our **Professional** and **Operational Services** can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Pointnext specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

Consume IT on your terms

HPE GreenLake brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

Recommended Services

HPE Pointnext Tech Care

HPE Pointnext Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Pointnext Tech Care has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Pointnext Tech Care is available with four service level options for HPE Nimble Storage: Basic, which provides next business day onsite parts exchange, Basic Exchange, which provides next business day parts delivery, Essential, which provides 24x7 onsite parts exchange, and Essential Exchange, which provides 24x7 parts delivery. Regardless of the service level, Customers have direct access to Level 3 HPE Alletra 6000 support engineers by telephone 24x7.
https://www.hpe.com/us/en/services/tech-care.html

HPE Pointnext Complete Care

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts. HPE Pointnext Complete Care provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

HPE Nimble Storage Peer Persistence Setup Service - HA124A1#V0S

Provides remote implementation of the Peer Persistence software functionality available in the HPE Nimble Storage operating system (OS). This service provides analysis, implementation, and testing services necessary for you to deploy the HPE Nimble Storage Peer Persistence features.

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Service and Support

Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

Step 1 - Choose a Base configuration

All HPE Nimble Storage Adaptive Flash Arrays come in a 4U form-factor chassis with
(2) controllers with fans and NVDIMM, and
(4) 1GbE/10GbE network ports, i.e. (2) per controller for iSCSI or management traffic, and
(2) power supplies and
All-inclusive software including HPE InfoSight predictive analytics
Additional host connectivity per controller is indicated in the product descriptions below.
Flash Cache upgrades, network upgrades and expansion shelves are available for integration in the field. Upgrade information will be supplied in the next QuickSpecs update.

HPE Nimble Storage HF-Series Adaptive Flash Arrays – Base Configuration Base Array

SKU Description	SKU
HPE Nimble Storage HF20C Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array	Q8H70A
HPE Nimble Storage HF20H Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array	Q8H71A
HPE Nimble Storage HF20 Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array	Q8H72A
HPE Nimble Storage HF40 Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array	Q8H39A
HPE Nimble Storage HF40C Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array	R0P42A
HPE Nimble Storage HF60 Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array	Q8H40A
HPE Nimble Storage HF60C Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array	R0P43A

Step 2 – Choose Head HDD Capacity

All HPE Nimble Storage Adaptive Flash Arrays come with (21) LFF Hard Drives included as standard and supports (3) Dual Flash Carriers with SFF Solid State Drives. The configurations below include three SFF SSDs and accept one optional Flash Upgrade Kit to increase the Flash Cache. Additional capacity can be added by connecting up to (6) expansion shelves to the base array.

Notes: R2 and non-R2 SKUs are functionally equivalent. The OCA quote tool will guide to the appropriate SKU option when configuring a model. Table below shows Adaptive Flash Array compatibilities with SSD Options.

Only ONE of the following options can be selected:

Head HDD Capacity Options		HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
SKU	SKU Description					
Q8B67B	HPE Nimble Storage HF20H Adaptive Array 11TB (11x1TB) FIO HDD Bundle	Yes	No	No	No	No
Q8B68B	HPE Nimble Storage HF20/20C Adaptive Array 21TB (21x1TB) FIO HDD Bundle	No	Yes	Yes	No	No
Q8B69B	HPE Nimble Storage HF20/20C Adaptive Array 42TB (21x2TB) FIO HDD Bundle	No	Yes	Yes	No	No
Q8H75A	HPE Nimble Storage HF20/20C Adaptive Array 84TB (21x4TB) FIO HDD Bundle	No	Yes	Yes	No	No
Q8H76A	HPE Nimble Storage HF20/20C Adaptive Array 126TB (21x6TB) FIO HDD Bundle	No	Yes	Yes	No	No
Q8H77A	HPE Nimble Storage HF20/20C Adaptive Array 210TB (21x10TB) FIO HDD Bundle	No	Yes	Yes	No	No
Q8H44A	HPE Nimble Storage HF40/60 Adaptive Array 21TB (21x1TB) FIO HDD Bundle	No	No	No	Yes	Yes
Q8H45A	HPE Nimble Storage HF40/60 Adaptive Array 42TB (21x2TB) FIO HDD Bundle	No	No	No	Yes	Yes
Q8B55B	HPE Nimble Storage HF40/60 Adaptive Array 84TB (21x4TB) FIO HDD Bundle	No	No	No	Yes	Yes

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

SKU	SKU Description	HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
Q8B56B	HPE Nimble Storage HF40/60 Adaptive Array 126TB (21x6TB) FIO HDD Bundle	No	No	No	Yes	Yes
Q8B57B	HPE Nimble Storage HF40/60 Adaptive Array 210TB (21x10TB) FIO HDD Bundle	No	No	No	Yes	Yes
R4H94A	HPE Nimble Storage HF Adaptive Array 294TB (21x14TB) FIO HDD Bundle	No	Yes	No	Yes	Yes
Max addressable Capacity (RAW) per platform		211 TB	1050 TB	210 TB	504 TB/ 1470 TB	1260 TB/ 1470 TB

Step 3 – Choose Head SSD Cache Capacity

Head HDD Capacity	Minimum Head SSD Cache Required						
	HF20H	HF20C	HF20	HF40C	HF40	HF60C	HF60
11TB	960GB	N/A	N/A	N/A	N/A	N/A	N/A
21TB	N/A	720GB	1440GB	720GB	1440GB	1440GB	1440GB
22TB	1920GB	N/A	N/A	N/A	N/A	N/A	N/A
42TB	N/A	1440GB	2880GB	1440GB	2880GB	1440GB	2880GB
84TB	N/A	2880GB	5760GB	2880GB	5760GB	2880GB	5760GB
126TB	N/A	5760GB	11520GB	5760GB	11520GB	5760GB	11520GB
210TB	N/A	5760GB	17280GB	5760GB	17280GB	5760GB	17280GB
294TB	N/A	11520GB	N/A	11520GB	23040GB	11520GB	23040GB

Head SSD Capacity Options

For combinations of Bank A and Bank B of the DFC: When both banks are populated, adjacent banks should not differ by more than one step function in SSD capacity e.g. 3x480GB can have 3x240GB or 3x480GB or 3x960GB in the adjacent bank. Not allowed in the adjacent bank would be 3x1920GB or 3x3840GB.

SKU	SKU Description	HF20H	HF20C/ HF40C	HF20	HF40	HF60/ HF60C
HF20H: ONE or TWO SSD-packs of the following SSD cache options can be selected.						
Q8B77B	HPE Nimble Storage HF20H Adaptive Array 480GB (2x240GB) FIO Cache Bundle	Yes	No	No	No	No
Q8B79B	HPE Nimble Storage HF20H Adaptive Array R2 960GB (2x480GB) FIO Cache Bundle	Yes	No	No	No	No
HF20C/HF40C: ONE or TWO SSD-packs of the following SSD cache options can be selected.						
Q8B80B	HPE Nimble Storage HF20C Adaptive Array 720GB (3x240GB) FIO Cache Bundle	No	Yes	No	No	No
Q8B82B	HPE Nimble Storage HF20C Adaptive Array R2 1.44TB (3x480GB) FIO Cache Bundle	No	Yes	No	No	No
Q8H80A	HPE Nimble Storage HF20C Adaptive Array R2 2.88TB (3x960GB) FIO Cache Bundle	No	Yes	No	No	No
Q8H81A	HPE Nimble Storage HF20C Adaptive Array 5.76TB (3x1.92TB) FIO Cache Bundle	No	Yes	No	No	No
Q8H82A	HPE Nimble Storage HF20C Adaptive Array 11.52TB (3x3.84TB) FIO Cache Bundle	No	Yes	No	No	No
R4H69A	HPE Nimble Storage HF20C/40C Adaptive Array 23.04TB (3x7.68TB) FIO Cache Bundle	No	Yes	No	No	No

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

SKU	SKU Description	HF20H	HF20C/ HF40C	HF20	HF40	HF60/ HF60C
HF20: ONE SSD-packs of the following SSD cache options can be selected.						
Q8J28A	HPE Nimble Storage HF20 Adaptive Array 1.44TB (6x240GB) FIO Cache Bundle	No	No	Yes	No	No
Q8J29A	HPE Nimble Storage HF20 Adaptive Array R2 2.88TB (6x480GB) FIO Cache Bundle	No	No	Yes	No	No
Q8J30A	HPE Nimble Storage HF20 Adaptive Array R2 5.76TB (6x960GB) FIO Cache Bundle	No	No	Yes	No	No
R0P02A	HPE Nimble Storage HF20 Adaptive Array 8.64TB (3x1920GB and 3x960GB) FIO Cache Bundle	No	No	Yes	No	No
Q8J31A	HPE Nimble Storage HF20 Adaptive Array 11.52TB (6x1.92TB) FIO Cache Bundle	No	No	Yes	No	No
R0P03A	HPE Nimble Storage HF20 Adaptive Array 17.28TB (3x3840GB and 3x1920GB) FIO Cache Bundle	No	No	Yes	No	No
Q8J32A	HPE Nimble Storage HF20 Adaptive Array 23.04TB (6x3.84TB) FIO Cache Bundle	No	No	Yes	No	No
HF40/HF60/HF60C: ONE SSD-packs of the following SSD cache options can be selected.						
Q8H48A	HPE Nimble Storage HF40/60 Adaptive Array 1.44TB (6x240GB) FIO Cache Bundle	No	No	No	Yes	Yes
Q8H49A	HPE Nimble Storage HF60 Adaptive Array 2.88TB (6x480GB) FIO Cache Bundle	No	No	No	N/A	Yes
Q8B62B	HPE Nimble Storage HF60 Adaptive Array 5.76TB (6x960GB) FIO Cache Bundle	No	No	No	N/A	Yes
Q8H50A	HPE Nimble Storage HF40 Adaptive Array R2 2.88TB (6x480GB) FIO Cache Bundle	No	No	No	Yes	N/A
Q8B63B	HPE Nimble Storage HF40 Adaptive Array R2 5.76TB (6x960GB) FIO Cache Bundle	No	No	No	Yes	N/A
R0P04A	HPE Nimble Storage HF40/60 Adaptive Array 8.64TB (3x1920GB and 3x960GB) FIO Cache Bundle	No	No	No	Yes	Yes
Q8B64B	HPE Nimble Storage HF40/60 Adaptive Array 11.52TB (6x1.92TB) FIO Cache Bundle	No	No	No	Yes	Yes
R0P05A	HPE Nimble Storage HF40/60 Adaptive Array 17.28TB (3x3840GB and 3x1920GB) FIO Cache Bundle	No	No	No	Yes	Yes
Q8B66B	HPE Nimble Storage HF40/60 Adaptive Array 23.04TB (6x3.84TB) FIO Cache Bundle	No	No	No	Yes	Yes
R4H70A	HPE Nimble Storage HF60/60C Adaptive Array 46.08TB (6x7.68TB) FIO Cache Bundle	No	No	No	No	Yes

	HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
Platform RAM installed (GB) per controller	32	32	32	64	160
Min SSD capacity (RAW) range per platform basis (GB)	960	720	1440	1440/ 720	1440
Max SSD capacity (RAW) range per platform basis (GB)	15360	23040	23040	23040	23040
Platform Max SSD capacity (RAW)= (Head SSD + ES3 SSD) capacity (TB)	28TB	38TB	28TB	48TB/ 60TB	156TB

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

Step 4 – Choose Head Networking Option

Up to three (3) of the following options can be selected. Please refer to configuration guidelines for specific support of networking options on HF-Series arrays. The HF20, HF20C, and HF20Q support up to two (2) head networking options.

Notes:

- The following minimum ports are recommended for best performance:
  - HF20: at least 2-ports
  - HF40: at least 4-ports
  - HF60: at least 8-ports
- All 10GbE, 25GbE, 16Gb FC, and 32Gb FC cards include SFP optical transceivers
- The 25GbE NICs include SFP28 transceivers for 25G environments
- Head networking options include a total of two (2x) cards which are evenly populated in the two controllers.

Head Networking Options

SKU	SKU Description	HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
Q8B84B	HPE Nimble Storage 2x1GbE 2-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
Q8B88B	HPE Nimble Storage 2x10GbE 2-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
R3Q00A	HPE Nimble Storage 2x25GbE 2-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
Q8B86B	HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
R4G78A	HPE Nimble Storage 2x32Gb 2-port Fibre Channel FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
Q8C03B	HPE Nimble Storage 2x16Gb Fibre Channel 4-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
Q8C17B	HPE Nimble Storage 2x10GbE 4-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
Q8C20B	HPE Nimble Storage 2x10GBASE-T 4-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes
Q8C09B	HPE Nimble Storage 2x1GbE 4-port FIO Adapter Kit	Yes	Yes	Yes	Yes	Yes

Notes:

- The 25GbE 2-port Adapter (R3Q00A/R3P98A) supports the following transceivers and DAC cables
  - HPE 25G SFP28 Transceiver (included)
  - HPE 10G SFP+ Transceiver (R7D09A, 455883-B21)
  - HPE 10G SFP+ SFP+ 3m DAC Cable (R7D16A, 487655-B21)
  - HPE 25Gb SFP28 to SFP28 3m DAC (R7D17A, 844477-B21)

Step 5 – Add Expansion Shelves

ES3 Adaptive Expansion Shelves

Add up to six (6) ES3 Adaptive expansion shelves to each HF-Series array. Mix any options below up to array maximum capacity.

Please refer to configuration guidelines for specific array capacity limits.

Mix any of the following options up to platform max:

		HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
R0N82A	HPE Nimble Storage HF20C Adaptive ES3 126TB (21x6TB) HDD 3.8TB Cache CTO Expansion Shelf	No	Yes	No	Yes[1]	Yes[1]
R0N83A	HPE Nimble Storage HF20C Adaptive ES3 210TB (21x10TB) HDD 4.8TB Cache CTO Expansion Shelf	No	Yes	No	Yes[1]	Yes[1]
Q8B48B	HPE Nimble Storage HF20/20C/20H Adaptive ES3 21TB (21x1TB) HDD 1.44TB Cache CTO Expansion Shelf	Yes	Yes	Yes	No	No

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

Q8B49B	HPE Nimble Storage HF20/20C/20H Adaptive ES3 42TB (21x2TB) HDD 2.88TB Cache CTO Expansion Shelf	Yes	Yes	Yes	No	No
Q8B50B	HPE Nimble Storage HF20/20C/20H Adaptive ES3 84TB (21x4TB) HDD 5.76TB Cache CTO Expansion Shelf	Yes	Yes	Yes	No	No

Best practices when adding JBOD expansion shelves

- **SAS Port load balancing**
  - When adding multiple expansion shelves to an array, evenly distribute the expansion shelves across the two (2) SAS expansion ports on each controller. For example, first expansion shelf to SAS port 1, second expansion shelf to SAS port 2, third expansion shelf to SAS port 1 (via first shelf), etc.
  - No more than three (3) expansion shelves per SAS expansion port
  - Keep disk and cache capacity balanced across both SAS expansion ports
- **Shelf capacity and cache**
  - For best performance, it is recommended the head shelf and all expansion shelves are the same capacity (or at least no more than 1 disk size delta). This guideline is more important in the higher performing systems.
  - If different capacities are required, the highest capacity should be in the head shelf, followed by expansion shelves closest to the head shelf
  - If different cache capacities are configured, the highest cache capacity should be in the head shelf, followed by expansion shelves closest to the head shelf
  - Keep disk and cache capacity balanced across both SAS expansion ports
- **Scale-out configurations**
  - For multi-array configurations, the highest performing array should be assigned as the group leader

SKU	SKU Description	HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
Q8B51B	HPE Nimble Storage HF20/20H Adaptive ES3 126TB (21x6TB) HDD 9.6TB Cache CTO Expansion Shelf	Yes	N/A	Yes	No	No
Q8H33A	HPE Nimble Storage HF40/60 Adaptive ES3 21TB (21x1TB) HDD 1.44TB Cache CTO Expansion Shelf	No	No	No	Yes	Yes
Q8H34A	HPE Nimble Storage HF40/60 Adaptive ES3 42TB (21x2TB) HDD 2.88TB Cache CTO Expansion Shelf	No	No	No	Yes	Yes
Q8H35A	HPE Nimble Storage HF40/60 Adaptive ES3 84TB (21x4TB) HDD 5.76TB Cache CTO Expansion Shelf	No	No	No	Yes	Yes
Q8G47B	HPE Nimble Storage HF40/60 Adaptive ES3 126TB (21x6TB) HDD 9.6TB Cache CTO Expansion Shelf	No	No	No	Yes[1]	Yes[1]
Q8G48B	HPE Nimble Storage HF40/60 Adaptive ES3 210TB (21x10TB) HDD 17.28TB Cache CTO Expansion Shelf	No	No	No	Yes[1]	Yes[1]
R4H75A	HPE Nimble Storage HF40/60 Adaptive ES3 294TB (21x14TB) HDD 23.04TB Cache CTO Expansion Shelf	No	No	No	Yes[2]	Yes[2]
Platform Max SSD capacity (RAW)= (Head SSD + ES3 SSD) capacity (GB)		28TB	38 TB	28 TB	48/ 60 TB	156 TB

Notes:

– [1] Not supported with HF40C and HF60C

– [2] When used with HF40, HF60, or HF60C, Bank B ES3 Cache must be populated

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

Optional Cache for ES3 Expansion Shelves

Only ONE of the following options can be selected per shelf.

Please refer to configuration guidelines for specific array cache capacity limits.

ONE of the following SSD cache options can be selected:

		HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
Q8C25B	HPE Nimble Storage HF Adaptive ES3 Expansion Shelf 2.88TB (3x960GB) FIO Cache Bundle	Yes	Yes	Yes	Yes	Yes
Q8C26B	HPE Nimble Storage HF Adaptive ES3 Expansion Shelf 5.76TB (3x1.92TB) FIO Cache Bundle	Yes	Yes	Yes	Yes	Yes
Q8C28B	HPE Nimble Storage HF Adaptive ES3 Expansion Shelf 11.52TB (3x3.84TB) FIO Cache Bundle	Yes	Yes	Yes	Yes	Yes
R4H71A	HPE Nimble Storage HF Adaptive Array ES3 Expansion Shelf 23.04TB (3x7.68TB) FIO Cache Bundle	No	Yes	No	Yes[1]	Yes
Platform Max SSD capacity (RAW)= (Head SSD + ES3 SSD) capacity (GB)		28TB	28TB	28TB	48/60TB	156TB

Notes: Not supported with HF40

Step 6 – Add Support (Mandatory)

Support recommendations are designed to help you enhance technology operations, lower risk and make it easier for you to seek the right balance between affordability and service-level commitments. Depending on your individual support needs, choose from four levels of care that cover the entire lifecycle to better address your needs from 3, 4 and 5 year durations for service levels ranging from Basic Exchange (Next Business Day parts exchange) to Essential (4 hour onsite response).

Description	SKU
HPE Tech Care Basic Exchange SVC	HU4B5A3/4/5
HPE Tech Care Basic Exchange w/DMR SVC	HU4B6A3/4/5
HPE Tech Care Basic Exchange w/CDMR SVC	HU4B7A3/4/5
HPE Tech Care Basic SVC	HU4B2A3/4/5
HPE Tech Care Basic w/DMR SVC	HU4B3A3/4/5
HPE Tech Care Basic w/CDMR SVC	HU4B4A3/4/5
HPE Tech Care Essential Exchange SVC	HU4A9A3/4/5
HPE Tech Care Essential Exchange w/DMR SVC	HU4B0A3/4/5
HPE Tech Care Essential Exchange w/CDMR SVC	HU4B1A3/4/5
HPE Tech Care Essential SVC	HU4A6A3/4/5
HPE Tech Care Essential w/DMR SVC	HU4A7A3/4/5
HPE Tech Care Essential w/CDMR SVC	HU4A8A3/4/5

Notes: Minimum support required 3-year HPE Tech Care Basic Exchange

Timeless Technology Refresh

The Timeless Technology Refresh program provides customers with a new controller after three years provided they meet the terms of the program. To add the optional Timeless Technology Refresh it needs to be configured with the initial HPE Nimble Storage array order. For more details on the Timeless Techno Refresh program, please see the **timeless storage** brochure.

HPE 3Y Technology Refresh SVC	HU2J4A3
HPE 5Y Technology Refresh SVC	HU2J4A5

Notes: Timeless Technology Refresh is available as 3-year or 5-year support offerings.

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

Installation Services

Installation Services are intended to guide you from start to finish and to help make your installation a success.
Notes: Installation services are optional.

Description	SKU
HPE Tier 1 Storage Array Start-up service	HA114A1#5MR
HPE Tier 1 Storage Array Hardware Installation service	HA113A1#5MR
HPE Tier 1 Storage Array Upgrade service	HA124A1#5MS
HPE Tier 1 Storage Cross Family Offline Upgrade service	HA124A1#V0R

Racks

HPE Nimble Storage arrays and expansion shelves are compatible with industry standard 4-post EIA 19 inch racks with square mounting holes, including HPE 36U, 42U and 48U Enterprise Shock Racks. HPE recommends HPE racks with a depth of 1200mm to best accommodate the length of the Nimble Storage chassis; the HPE 1200mm rack provides ample room for cabling and ease of serviceability. HPE racks with a depth of 1075mm can be used but may have limited space for cabling and component access. If a 3rd party rack with a depth less than 1075mm is used, the rear doors cannot be fully closed.

Recommended Racks:

HPE G2 Enterprise Series Racks

- HPE 48U 600mmx1200mm G2 Enterprise Rack
- HPE 48U 800mmx1200mm G2 Enterprise Rack
- HPE 42U 600mmx1200mm G2 Enterprise Rack
- HPE 42U 800mmx1200mm G2 Enterprise Rack

HPE G2 Advanced Series Racks

- HPE 48U 600mmx1200mm G2 Advanced Rack
- HPE 48U 800mmx1200mm G2 Advanced Rack
- HPE 42U 600mmx1200mm G2 Advanced Rack
- HPE 42U 800mmx1200mm G2 Advanced Rack
- HPE 36U 600mmx1200mm G2 Advanced Rack
- HPE 36U 800mmx1200mm G2 Advanced Rack

For more information on the HPE rack offerings, please see the following URL: **https://www.hpe.com/info/rackandpower**
For more information on rack options, see: **http://www.hpe.com/products/rackoptions**
For more information on PDUs, see: **http://www.hpe.com/servers/pdu**

Required and additional power cords

HPE Nimble Storage Arrays and expansion shelves do not ship with any power cords by default and require a minimum of two power cords per system. Please ensure these are selected at time of quoting. A pair of power cords are required when connecting base arrays (C19/C14 or C19/C20) or expansion shelves (C13/C14) to Rack-Mounted Power Distribution Units (PDU). A pair of country/region specific power cords are required when connecting base arrays or expansion shelves to standard office wall power outlets.

HPE Nimble Storage NEMA 5-15P to C19 125V 15Amp 2.5m US FIO Power Cord	R0P83A
HPE Nimble Storage IEC 60320 C14 to C19 250V 15Amp 1.8m FIO Power Cord	R0P84A
HPE Nimble Storage AS3112 to C19 250V 16Amp 1.8m AU FIO Power Cord	Q8J02A
HPE Nimble Storage Schuko to C19 250V 16Amp 1.8m EU FIO Power Cord	Q8J03A
HPE Nimble Storage BS 1363 UK10 to C19 250V 16Amp 1.8m UK FIO Power Cord	Q8J04A
HPE Nimble Storage NEMA L5-20P to C19 125V 20Amp 2.5m US FIO Power Cord	Q8J05A
HPE Nimble Storage GB2099 to C19 250V 16Amp 1.8m CN FIO Power Cord	Q8J06A

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

Description	SKU
HPE Nimble Storage KSC8305 to C19 250V 16Amp 1.8m KR FIO Power Cord	Q8J07A
HPE Nimble Storage JIS8303 to C19 125V 15Amp 1.8m TW/JP FIO Power Cord	Q8J08A
HPE Nimble Storage JIS8303 6-30 to C19 250V 15Amp 1.8m JP FIO Power Cord	Q8J09A
HPE Nimble Storage IS1293 to LS-60 250V 16Amp 1.8m IN FIO Power Cord	Q8J10A
HPE Nimble Storage SAN164-1 to C19 250V 16Amp 1.8m ZA FIO Power Cord	Q8J11A
HPE Nimble Storage SI32 to C19 250V 16Amp 1.8m IL FIO Power Cord	Q8J12A
HPE Nimble Storage CEI 23-16 to C19 250V 16Amp 1.8m IT FIO Power Cord	Q8J13A
HPE Nimble Storage C19 to C20 250V 16Amp 1.8m PDU Base Array FIO Power Cord	Q8J14A
HPE Nimble Storage AS 3112 to C13 250V 10Amp 1.8m AU FIO Power Cord	Q8J15A
HPE Nimble Storage Schuko to C13 250V 10Amp 1.8m EU FIO Power Cord	Q8J16A
HPE Nimble Storage BS1363 UK10 to C13 250V 10Amp 1.8m UK FIO Power Cord	Q8J17A
HPE Nimble Storage NEMA 5-15P to C13 125V 10Amp 1.8m US FIO Power Cord	Q8J18A
HPE Nimble Storage GB2099 to C13 250V 10Amp 1.8m CN FIO Power Cord	Q8J19A
HPE Nimble Storage KSC8305 to C13 250V 10Amp 1.8m KR FIO Power Cord	Q8J20A
HPE Nimble Storage JIS8303 to C13 125V 12Amp 1.8m TW/JP FIO Power Cord	Q8J21A
HPE Nimble Storage JIS8303 to C13 250V 15Amp 2.5m JP FIO Power Cord	Q8J22A
HPE Nimble Storage IS1293 to C13 250V 10Amp 1.8m IN FIO Power Cord	Q8J23A
HPE Nimble Storage SANS164-1 to C13 250V 10Amp 1.8m ZA FIO Power Cord	Q8J24A
HPE Nimble Storage SI32 to C13 250V 10Amp 1.8m IL FIO Power Cord	Q8J25A
HPE Nimble Storage CEI23-16 to C13 250V 10Amp 1.8m IT FIO Power Cord	Q8J26A
HPE Nimble Storage C13 to C14 250V 10Amp 1.8m Universal FIO Power Cord	Q8J27A

Field Upgrade Options

The following product options are to upgrade currently installed Adaptive Flash Arrays

Controller Upgrades						
SKU	**SKU Description**	**HF20H**	**HF20C**	**HF20**	**HF40/HF40C**	**HF60/HF60C**
Q8H51A	HPE Nimble Storage HF20X to HF40 Adaptive Array Dual Controller Field Upgrade	Yes	Yes	Yes	No	No
Q8H52A	HPE Nimble Storage HF20/40 to HF60 Adaptive Array Dual Controller Field Upgrade	No	Yes	Yes	Yes	No
HDD Capacity Upgrade						
SKU Max one (1)	**SKU Description**	**HF20H**	**HF20C**	**HF20**	**HF40/HF40C**	**HF60/HF60C**
Q8D07B	HPE Nimble Storage HF20H Adaptive Array 11TB (11x1TB) HDD Field Upgrade	Yes	No	No	No	No

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

Cache Upgrades						
Only one of the following options can be selected		HF20H	HF20C	HF20	HF40/HF40C	HF60/HF60C
Q8D11B	HPE Nimble Storage HF20H Adaptive Array 480GB (2x240GB) Cache Field Upgrade	Yes	No	No	No	No
Q8D12B	HPE Nimble Storage HF20H Adaptive Array 960GB (2x480GB) Cache Field Upgrade	Yes	No	No	No	No
Q8D13B	HPE Nimble Storage HF20/20C Adaptive Array 720GB (3x240GB) Cache Field Upgrade	No	Yes	Yes	No	No
Q8D14B	HPE Nimble Storage HF20/20C Adaptive Array 1.44TB (3x480GB) Cache Field Upgrade	No	Yes	Yes	No	No
Q8H85A	HPE Nimble Storage HF20/20C Adaptive Array 2.88TB (3x960GB) Cache Field Upgrade	No	Yes	Yes	No	No
Q8H86A	HPE Nimble Storage HF20/20C Adaptive Array 5.76TB (3x1.92TB) Cache Field Upgrade	No	Yes	Yes	No	No
Q8H87A	HPE Nimble Storage HF20/20C Adaptive Array 11.52TB (3x3.84TB) Cache Field Upgrade	No	Yes	Yes	No	No
Q8H58A	HPE Nimble Storage HF40/60 Adaptive Array 720GB (3x240GB) Cache Field Upgrade	No	Yes	Yes	No	No
Q8H59A	HPE Nimble Storage HF40/60 Adaptive Array 1.44TB (3x480GB) Cache Field Upgrade	No	No	No	Yes	Yes
Q8C99B	HPE Nimble Storage HF40/60 Adaptive Array 2.88TB (3x960GB) Cache Field Upgrade	No	No	No	Yes	Yes
Q8D00B	HPE Nimble Storage HF40/60 Adaptive Array 5.76TB (3x1.92TB) Cache Field Upgrade	No	No	No	Yes	Yes
Q8D01B	HPE Nimble Storage HF40/60 Adaptive Array 11.52TB (3x3.84TB) Cache Field Upgrade	No	No	No	Yes	Yes
R4H72A	HPE Nimble Storage HF Adaptive Array 23.04TB (3x7.68TB) Cache Field Upgrade	No	No	No	Yes[1]	Yes

Notes:[1] Not supported with HF40

Networking Upgrades						
SKU	Min 0, Max 3; Max 2 supported on Q8H73A (AF20Q), Q8H74A (AF20)	**HF20H**	**HF20C**	**HF20**	**HF40/HF40C**	**HF60/HF60C**
Q8C64B	HPE Nimble Storage 2x1GbE 2-port Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C63B	HPE Nimble Storage 2x10GbE 2-port Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C62B	HPE Nimble Storage 2x10GBASE-T 2-port Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
R3P98A	HPE Nimble Storage 2x25GbE 2-port SFP28 Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
R4G79A	HPE Nimble Storage 2x32Gb 2-port Fibre Channel Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C66B	HPE Nimble Storage 2x16Gb Fibre Channel 4-port Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C68B	HPE Nimble Storage 2x10GbE 4-port Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C69B	HPE Nimble Storage 2x10GBASE-T 4-port Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C67B	HPE Nimble Storage 2x1GbE 4-port Adapter Field Upgrade	Yes	Yes	Yes	Yes	Yes

Notes:

- All 10GbE, 25GbE, 16Gb FC, and 32Gb FC cards include SFP optical transceivers

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Configuration Information

- The 25GbE NICs include SFP28 transceivers for 25G environments
- Each networking upgrade option includes two (2x) cards which are evenly populated in the two controllers
- The 25GbE 2-port Adapter (R3Q00A/R3P98A) supports the following transceivers and DAC cables
  - HPE 25G SFP28 Transceiver (included)
  - HPE 10G SFP+ Transceiver (R7D09A, 455883-B21)
  - HPE 10G SFP+ SFP+ 3m DAC Cable (R7D16A, 487655-B21)
  - HPE 25Gb SFP28 to SFP28 3m DAC (R7D17A, 844477-B21)

Upgrade Existing ES3 Shelf

SKU	ES3 Bank B Cache (min 0 // max 1)	HF20H	HF20C	HF20	HF40/HF40C	HF60/HF60C
Q8C48B	HPE Nimble Storage HF Adaptive ES3 2.88TB (3x960GB) Cache Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C49B	HPE Nimble Storage HF Hybrid ES3 5.76TB (3x1.92TB) Cache Field Upgrade	Yes	Yes	Yes	Yes	Yes
Q8C50B	HPE Nimble Storage HF Adaptive ES3 11.52TB (3x3.84TB) Cache Field Upgrade	Yes	Yes	Yes	Yes	Yes
R4H73A	HPE Nimble Storage HF Adaptive ES3 23.04TB (3x7.68TB) Cache Field Upgrade	No	No	No	Yes[1]	Yes

Notes: [1] Not supported with HF40

Cross-Family Upgrades

The cross-family upgrades provide an upgrade path for legacy X10 Nimble Storage Arrays (CSx000, AFx000) to the current generation (Gen5) Nimble Storage Arrays (HFx0, AFx0). The X10 media is retained and used with the Gen5 upgrade base array so new SSD/HDD capacity does not need to be repurchased.

Description	SKU
HPE Nimble Storage xF40 All/Adaptive Flash Array Dual Controller Upgrade Base Array	R7F85A
HPE Nimble Storage xF60 All/Adaptive Flash Array Dual Controller Upgrade Base Array	R7F86A
HPE Nimble Storage AF80 All Flash Array Dual Controller Upgrade Base Array	R7F87A

Notes:

- Refer to the Gen5 array Configuration Matrices on the InfoSight Portal to ensure minimum system requirements are met
  - For hybrid arrays (e.g. HFx0) a minimum of six (6) cache drives are required
  - For hybrid arrays, minimum cache capacity of target array (Gen5) must be met
  - NimOS 5.2.1.x or greater must be installed on X10 array before upgrade
  - Order Gen5 networking cards on upgrade base array to match networking cards in existing X10 array

DC Power Supply unit (PSU)

SKU	SKU Description	HF20H	HF20C	HF20	HF40/ HF40C	HF60/ HF60C
R0R06A	HPE Nimble Storage AF/HF 3000W Dual DC Power Supply Kit	Yes	Yes	Yes	Yes	Yes

Notes:

- The DC PSU kit includes two (2) DC PSUs; one (1) DC PSU kit per array or shelf should be ordered for systems to be installed in environments utilizing DC power infrastructure
- If NEBS compliance is required, the DC PSU kit should only be ordered with new arrays (which include DC grounding posts)

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Technical Specifications

Physical Dimensions

	HPE Nimble Storage HF20/20H/20C/40/60/80	HPE Nimble Storage ES3 Expansion Shelf
Width in/mm	17.3/439	17.3/439
Depth in/mm	35/890	35/890
Height in/mm/U	6.92/175.8/4	6.92/175.8/4
Weight lb/kg	135/65	115/52

Power Requirements

	HF20/ HF20C	HF20H	HF40/ HF40C	HF60/ HF60C	ES3
Input Voltage, frequency (1200W AC PSU w/C14 connector**)**	100-120V, 50-60Hz 200-240V, 50-60Hz	N/A		100-120V 200-240V	
Input Voltage, frequency (3000W AC PSU w/C20 connector**)**	100-120V, 50-60Hz 200-240V, 50-60Hz		N/A		
Input Voltage (3000W DC PSU)	-48/-72 VDC, 40A				
Max power requirements (Watts/kVA)	750 W / 0.833 kVA	650 W 0.722 kVA	850 W 0.944 kVA	900 W 1.000 kVA	350 W 0.389 kVA
Thermal (BTU)	2460 BTU	2132 BTU	2788 BTU	2952 BTU	1147 BTU

Note: The 1200W AC and 3000W AC power supplies are 80 PLUS Platinum

Environmental Specifications[4]

Operating Temperature	10 - 35° C (50 - 95° F) Reduce rating by 1° F for each 1000 ft altitude (1.8° C/1,000 m)
Shipping Temperature	0° C - 40° C (32° F - 104° F) Maximum rate of change is 20°C/hr (36°F/hr)
Operating Altitude (ft/m) max.	10,000 ft / 3,048 m
Shipping Altitude (ft/m) max.	40,000ft/ 12,192 m
Humidity	8 - 90%, non-condensing
Shipping Humidity	5 - 95%, non-condensing
Operating Vibration	0.25 G, Sine 5 - 200 Hz (approx. 15 min/axis); 0.4 GRMS, Random 5 - 200 Hz (approx. 60 min/axis)
Non-operating Vibration	0.5 G, Sine 5 - 200 Hz (approx. 15 min/axis); 0.98 GRMS, Random 5 - 500Hz (approximate 30 min/axis)
Operating Shock	20 G, 2.5ms, half-sine, one shock on each side
Non-operating Shock	20 G, 10ms, square wave, one shock on each side

Notes: [4] Specifications are subject to change without notice.

Electromagnetic Compatibility

- Subpart B of Part 15 of FCC Rules for Class A digital devices
- ICES-003, Issue 6, dated January 2016 (Class A)
- VCCI V-3: April 2014 (Class A)
- EN 55022:2010
- CISPR 22:2008
- AS/NZS CISPR 22:2009 +A1:2010
- EN55032:2012
- CISPR 32:2012

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Technical Specifications

- EN 55024:2010
- CISPR 24:2010 +A1:2015
- TCVN 7189:2009
- NBTC TS 3001-2555
- TP TC 020/2011

Safety

- EN60950-1:2005 (Second Edition); Am1:2009 + Am2:2013
- IEC 60950-1:2005 (Second Edition); Am1:2009 + Am2:2013
- EN60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013
- UL/IEC 60960-1 2nd Ed. Am1 + Am2
- CNS14336-1 ('99)
- CNS13438 ('95)
- NOM-019-SCFI-1998
- NBTC TS 4001-2550
- TP TC 004/2011
- IS 13252 (PART 1):2010 +A1:2013 + A2:2-15
- SANS IEC 60950-1

Notes: Specifications are subject to change without notice.

Certifications / Markings

- UL
- cUL
- CE
- FCC Class A
- IC Class A
- VCCI Class A
- RCM
- BSMI Class A
- KC
- CCC Exemption
- NOM
- MoEc
- NBTC SDoC
- CITC/CoC
- EAC
- BIS
- LOA (S. Africa)
- RoHS 2011/65/EU, EN50581:2012
- WEEE

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Summary of Changes

Date	Version History	Action	Description of Change
07-Feb-202	Version 30	Changed	Configuration Information section was updated.
06-Dec-2021	Version 29	Changed	Service and Support and Configuration Information sections were updated
17-May-2021	Version 28	Changed	Standard Features, Service and Support and Configuration Information sections were updated
01-Feb-2021	Version 27	Changed	Service and Support section was updated.
04-Jan-2021	Version 26	Changed	Configuration Information section was updated.
07-Dec-2020	Version 25	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated
04-May-2020	Version 24	Changed	Overview, Standard Features and Configuration Information sections were updated
02-Mar-2020	Version 23	Changed	Configuration Information and Technical Specifications were updated.
03-Feb-2020	Version 22	Changed	Q8B95B SKU description was updated.
04-Nov-2019	Version 21	Changed	Technical Specifications section was updated.
07-Oct-2019	Version 20	Changed	Configuration Information section was updated.
05-Aug-2019	Version 19	Changed	Overview and Configuration Information sections were updated.
01-Jul-2019	Version 18	Changed	Overview, Configuration Information and Technical Specifications sections were updated.
03-Jun-2019	Version 17	Changed	Overview and Technical Specifications sections were updated.
02-Apr-2019	Version 16	Changed	Configuration Information section was updated.
04-Mar-2019	Version 15	Changed	Configuration Information section was updated.
04-Feb-2019	Version 14	Changed	Overview and Configuration Information sections were updated.
07-Jan-2019	Version 13	Changed	Overview and Configuration Information sections were updated
03-Dec-2018	Version 12	Added	Added HF40C Array and HF60C Array
		Changed	Overview and Configuration Information sections were updated.
05-Nov-2018	Version 11	Changed	Description of Change Overview, Service and Support and Configuration Information sections were revised
01-Oct-2018	Version 10	Changed	Overview and Configuration Information sections were updated
13-Aug-2018	Version 9	Changed	Configuration Information section was revised
06-Aug-2018	Version 8	Added	New upgrade options were added.
		Changed	Configuration Information section was updated.
04-Jun-2018	Version 7	Changed	HPE Nimble Storage Adaptive Flash Array models and Configuration Information were revised.
14-May-2018	Version 6	Changed	Overview section was revised.
07-May-2018	Version 5	Changed	Overview, Configuration Information, and Technical Specifications were revised.
13-Nov-2017	Version 4	Changed	Overview and Configuration Information were revised.
06-Nov-2017	Version 3	Changed	Added information on the entire HPE Nimble Storage CS-Series portfolio.
12-Jun-2017	Version 2	Changed	Detail on included power cords and SAS cables.
05-Jun-2017	Version 1	Created	Created first version, including CS1000 and CS1000H.

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

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a00008274enw - 15933 - Worldwide - V30 - 07-February-2022

Attachment: HPE Nimble Storage Adaptive Flash Arrays-a00008274enw (Award of Contract for Replacement Disk Array)

Consider an Ordinance Amending the Village of Palatine's CY 2021 Budget (4th Quarter Budget Adjustments)

BACKGROUND:
The Department of Finance and Operations continues to monitor Village fiscal activities through quarterly budget reviews. This is done to identify potential problem areas and take corrective action at an early stage.

KEY ISSUES:
The 2021 4th Quarter Budget Adjustments are made up of:

- **$12,287,312 - Budget Decrease -** Appropriation "rollover" - these adjustments decrease the expenditure budget in CY 2021 and will have a corresponding increase for the budget in CY 2022. These adjustments represent previously approved funds being carried forward from one budget year to the next to provide for continuity in funding for multi-year projects.

- **$5,354,768 - Budget Increase Using New Revenue Offsets -** These adjustments increase the expenditure budget as well as the revenue budget to account for new revenues that are specifically earmarked, thus do not affect fund reserves. Major components are:
    - $4,193,000 - Payment from Landowner to Redeem SSA #5 Bonds
    - $753,029 - Rebuild Illinois Funds

- **$2,766,771 - Budget Increase Appropriating Reserves -** These adjustments increase the expenditure budget without offsetting revenue, thus resulting in a use of reserves. Major components are:
    - $1,037,500 - Redeem SSA #5 Bonds
    - $808,100 - Final close-out of Health Insurance Fund
    - $418,060 - SWANCC True-Up

With these changes, the total Village-Wide 2021 budget will be decreased in the amount of **$4,165,773**.

RECOMMENDATION:
Staff recommends that the Village Council approve the 4th Quarter Budget Adjustments.

BUDGET IMPACT:
Decrease the CY 2021 Budget by **$4,165,773**.

ACTION REQUIRED:
Motion to approve the Ordinance providing for the 4th Quarter Adjustments to the CY 2021 Budget.

ATTACHMENTS:

- 4th Qtr 2021 Budget Adj Ordinance
- 4th Qtr 2021 Budget Adj Memo

ORDINANCE NO. O - _____ - 22

AN ORDINANCE
AMENDING THE CY 2021 BUDGET

WHEREAS, on December 7, 2020, the Mayor and Village Council of the Village of Palatine passed Ordinance O-99-20 providing for a budget for the fiscal year commencing January 1, 2021, and ending December 31, 2021 and,

WHEREAS, Section 8-2-9 of the Illinois Compiled Statutes, makes provision for amendments or revisions to an annual budget adopted pursuant to 65 ILCS 5/8-2-9.4.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Village Council of the Village of Palatine, Cook County, Illinois that:

SECTION 1: The following sums of money heretofore budgeted for the above mentioned fiscal year for the corporate objects and purposes of the Village of Palatine, Cook County, Illinois, are hereby amended as set forth in Exhibit A.

SECTION 2: All ordinances in conflict with this ordinance are hereby repealed.

SECTION 3: This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.

PASSED: This 11th day of April 2022

AYES: _____ NAYS: _____ ABSENT: _____ PASS: _____

APPROVED by me this 11th day of April 2022

_____
Mayor of the Village of Palatine

ATTESTED and FILED in the
Office of the Village Clerk
this 11th day of April 2022

_____
Village Clerk

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 100 General Fund					
434 - Grants			Amended Balance as of: 10/1/2021		$30,000.00
	12/30/2021	2021-00007182	$2,000.00	$0.00	$32,000.00
	12/30/2021	2021-00007182	$3,933.00	$0.00	$35,933.00
	12/30/2021	2021-00007185	$0.00	$2,000.00	$33,933.00
	12/30/2021	2021-00007185	$2,000.00	$0.00	$35,933.00
	12/30/2021	2021-00007185	$0.00	$3,933.00	$32,000.00
	12/30/2021	2021-00007185	$3,933.00	$0.00	$35,933.00
			$11,866.00	$5,933.00	$35,933.00
474.05 - Other Misc Reimbursements/Refunds			Amended Balance as of: 10/1/2021		$429,400.00
	12/06/2021	2021-00006660	$14,045.00	$0.00	$429,045.00
	12/07/2021	2021-00006711	$2,500.00	$0.00	$431,545.00
	12/14/2021	2021-00006846	$1,398.00	$0.00	$432,943.00
			$17,943.00	$0.00	$447,343.00
474.10 - Other Miscellaneous Donations			Amended Balance as of: 10/1/2021		$0.00
	12/29/2021	2021-00007157	$1,000.00	$0.00	$1,000.00
			$1,000.00	$0.00	$1,000.00
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$228,867.00
	12/30/2021	2021-00007182	$0.00	$5,933.00	$398,503.00
	12/31/2021	2021-00007477	$0.00	$266,057.00	$132,446.00
	12/31/2021	2021-00007486	$0.00	$135,576.00	($3,130.00)
			$0.00	$407,566.00	($178,699.00)

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 12 Boards & Commissions					
Division: 04 Police & Fire Commission					
Program: 0000 General					
520.15 - Office Supplies Printed Forms			Amended Balance as of: 10/1/2021		($2,050.00)
	12/06/2021	2021-00006688	$1,005.00	$0.00	$8,230.00
			$1,005.00	$0.00	($1,045.00)
540.35 - Services Medical			Amended Balance as of: 10/1/2021		$1,740.00
	10/25/2021	2021-00005718	$1,650.00	$0.00	$12,745.00
	11/16/2021	2021-00006255	$1,003.00	$0.00	$13,748.00
	12/27/2021	2021-00007098	$1,395.00	$0.00	$15,143.00
	12/31/2021	2021-00007301	$0.00	$480.00	$14,663.00
	12/31/2021	2021-00007360	$2,020.00	$0.00	$16,683.00
			$6,068.00	$480.00	$7,328.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$800.00
	12/27/2021	2021-00007098	$690.00	$0.00	$3,290.00
	12/31/2021	2021-00007301	$480.00	$0.00	$3,770.00
			$1,170.00	$0.00	$1,970.00
Program: 0000 General Totals:			$8,243.00	$480.00	
Division: 04 Police & Fire Commission Totals:			$8,243.00	$480.00	
Division: 06 Beautification Commission					
Program: 0000 General					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$29,340.00
	12/31/2021	2021-00007475	$0.00	$663.00	$28,677.00
			$0.00	$663.00	$28,677.00
Program: 0000 General Totals:			$0.00	$663.00	
Division: 06 Beautification Commission Totals:			$0.00	$663.00	
Department: 12 Boards & Commissions Totals:			$8,243.00	$1,143.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 14 Village Clerk					
Division: 01 Administration					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$980.00
	12/17/2021	2021-00006999	$530.00	$0.00	$1,510.00
			$530.00	$0.00	$1,510.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,445.00
	12/17/2021	2021-00006999	$10.00	$0.00	$1,455.00
			$10.00	$0.00	$1,455.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$6,135.00
	12/17/2021	2021-00006999	$40.00	$0.00	$6,175.00
			$40.00	$0.00	$6,175.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$10,270.00
	12/17/2021	2021-00006999	$70.00	$0.00	$10,340.00
			$70.00	$0.00	$10,340.00
Program: 0000 General Totals:			$650.00	$0.00	
Division: 01 Administration Totals:			$650.00	$0.00	
Department: 14 Village Clerk Totals:			$650.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 20 Village Manager's Office					
Division: 01 Administration					
Program: 0000 General					
500.05 - Salaries Full Time			Amended Balance as of: 10/1/2021		$456,765.00
	12/15/2021	2021-00006901	$0.00	$3,710.00	$453,055.00
			$0.00	$3,710.00	$453,055.00
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$15,630.00
	12/17/2021	2021-00006965	$18,815.00	$0.00	$34,445.00
	12/17/2021	2021-00006999	$1,855.00	$0.00	$36,300.00
			$20,670.00	$0.00	$36,300.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$8,065.00
	12/17/2021	2021-00006965	$275.00	$0.00	$8,340.00
	12/17/2021	2021-00006999	$30.00	$0.00	$8,370.00
			$305.00	$0.00	$8,370.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$34,455.00
	12/17/2021	2021-00006965	$1,170.00	$0.00	$35,625.00
	12/17/2021	2021-00006999	$115.00	$0.00	$35,740.00
			$1,285.00	$0.00	$35,740.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$64,630.00
	12/17/2021	2021-00006965	$2,260.00	$0.00	$66,890.00
	12/17/2021	2021-00006999	$225.00	$0.00	$67,115.00
			$2,485.00	$0.00	$67,115.00
575.15 - Other Training & Travel			Amended Balance as of: 10/1/2021		$8,250.00
	10/13/2021	2021-00005508	$0.00	$950.00	$7,300.00
	12/31/2021	2021-00007486	$0.00	$750.00	$6,550.00
	12/31/2021	2021-00007486	$0.00	$230.00	$6,320.00
			$0.00	$1,930.00	$6,320.00
Program: 0000 General Totals:			$24,745.00	$5,640.00	
Division: 01 Administration Totals:			$24,745.00	$5,640.00	
Division: 09 Public Information/Events					
Program: 0000 General					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		($45.00)
	12/31/2021	2021-00007486	$0.00	$525.00	$6,680.00
			$0.00	$525.00	($570.00)
Program: 0000 General Totals:			$0.00	$525.00	
Division: 09 Public Information/Events Totals:			$0.00	$525.00	
Department: 20 Village Manager's Office Totals:			$24,745.00	$6,165.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 30 Finance & Operations					
Division: 01 Administration					
Program: 0000 General					
500.05 - Salaries Full Time			Amended Balance as of: 10/1/2021		$253,105.00
	12/17/2021	2021-00006999	$36,385.00	$0.00	$289,490.00
			$36,385.00	$0.00	$289,490.00
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$5,070.00
	12/17/2021	2021-00006965	$7,500.00	$0.00	$12,570.00
	12/17/2021	2021-00006999	$1,950.00	$0.00	$14,520.00
			$9,450.00	$0.00	$14,520.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$4,045.00
	12/17/2021	2021-00006965	$110.00	$0.00	$4,155.00
	12/17/2021	2021-00006999	$30.00	$0.00	$4,185.00
			$140.00	$0.00	$4,185.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$17,280.00
	12/17/2021	2021-00006965	$465.00	$0.00	$17,745.00
	12/17/2021	2021-00006999	$125.00	$0.00	$17,870.00
	12/17/2021	2021-00006999	$0.00	$895.00	$16,975.00
			$590.00	$895.00	$16,975.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$32,225.00
	12/17/2021	2021-00006965	$900.00	$0.00	$33,125.00
	12/17/2021	2021-00006999	$235.00	$0.00	$33,360.00
			$1,135.00	$0.00	$33,360.00
Program: 0000 General Totals:			$47,700.00	$895.00	
Division: 01 Administration Totals:			$47,700.00	$895.00	
Division: 11 Accounting Services					
Program: 0000 General					
520.10 - Office Supplies Paper			Amended Balance as of: 10/1/2021		$500.00
	12/28/2021	2021-00007232	$0.00	$100.00	$400.00
			$0.00	$100.00	$400.00
520.15 - Office Supplies Printed Forms			Amended Balance as of: 10/1/2021		$800.00
	11/01/2021	2021-00005909	$2,000.00	$0.00	$2,800.00
	12/28/2021	2021-00007232	$100.00	$0.00	$2,900.00
			$2,100.00	$0.00	$2,900.00
Program: 0000 General Totals:			$2,100.00	$100.00	
Division: 11 Accounting Services Totals:			$2,100.00	$100.00	
Department: 30 Finance & Operations Totals:			$49,800.00	$995.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 32 Legal					
Division: 13 Village Attorney					
Program: 0000 General					
540.30 - Services Legal			Amended Balance as of: 10/1/2021		$288,750.00
	12/31/2021	2021-00007296	$4,637.00	$0.00	$293,387.00
			$4,637.00	$0.00	$293,387.00
Program: 0000 General Totals:			$4,637.00	$0.00	
Division: 13 Village Attorney Totals:			$4,637.00	$0.00	
Division: 14 Village Prosecutor					
Program: 0000 General					
540.30 - Services Legal			Amended Balance as of: 10/1/2021		$44,500.00
	12/31/2021	2021-00007296	$0.00	$2,500.00	$42,000.00
			$0.00	$2,500.00	$42,000.00
Program: 0000 General Totals:			$0.00	$2,500.00	
Division: 14 Village Prosecutor Totals:			$0.00	$2,500.00	
Division: 16 Administrative Adjudication					
Program: 0000 General					
540.30 - Services Legal			Amended Balance as of: 10/1/2021		$37,500.00
	12/31/2021	2021-00007296	$0.00	$2,137.00	$35,363.00
			$0.00	$2,137.00	$35,363.00
Program: 0000 General Totals:			$0.00	$2,137.00	
Division: 16 Administrative Adjudication Totals:			$0.00	$2,137.00	
Department: 32 Legal Totals:			$4,637.00	$4,637.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 34 Human Resources					
Division: 01 Administration					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$3,405.00
	12/17/2021	2021-00006965	$5,000.00	$0.00	$8,405.00
	12/17/2021	2021-00006999	$1,080.00	$0.00	$9,485.00
			$6,080.00	$0.00	$9,485.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$4,880.00
	12/17/2021	2021-00006965	$75.00	$0.00	$4,955.00
	12/17/2021	2021-00006999	$20.00	$0.00	$4,975.00
			$95.00	$0.00	$4,975.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$20,820.00
	12/17/2021	2021-00006965	$310.00	$0.00	$21,300.00
	12/17/2021	2021-00006999	$70.00	$0.00	$21,370.00
			$380.00	$0.00	$21,200.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$265.00
	12/17/2021	2021-00006965	$600.00	$0.00	$40,320.00
	12/17/2021	2021-00006999	$130.00	$0.00	$40,450.00
			$730.00	$0.00	$995.00
Program: 0000 General Totals:			$7,285.00	$0.00	
Division: 01 Administration Totals:			$7,285.00	$0.00	
Division: 17 Village Wide Benefit Programs					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$407,000.00
	12/17/2021	2021-00006964	$0.00	$8,500.00	$406,440.00
	12/17/2021	2021-00006965	$0.00	$65,315.00	$341,125.00
	12/17/2021	2021-00006999	$0.00	$304,165.00	$36,960.00
	12/17/2021	2021-00006999	$0.00	$21,630.00	$15,330.00
	12/17/2021	2021-00006999	$0.00	$15,330.00	$0.00
			$0.00	$414,940.00	($7,940.00)
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$5,910.00
	12/17/2021	2021-00006964	$0.00	$170.00	$5,740.00
	12/17/2021	2021-00006965	$0.00	$965.00	$4,775.00
	12/17/2021	2021-00006999	$0.00	$4,805.00	($30.00)
	12/17/2021	2021-00006999	$30.00	$0.00	$0.00
			$30.00	$5,940.00	$0.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$25,235.00
	12/17/2021	2021-00006964	$0.00	$595.00	$25,590.00
	12/17/2021	2021-00006965	$0.00	$4,060.00	$21,530.00
	12/17/2021	2021-00006999	$0.00	$19,270.00	$2,260.00
	12/17/2021	2021-00006999	$0.00	$1,310.00	$950.00
	12/17/2021	2021-00006999	$0.00	$950.00	$0.00
			$0.00	$26,185.00	($950.00)
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		($1,845.00)
	12/17/2021	2021-00006964	$0.00	$540.00	$26,920.00
	12/17/2021	2021-00006965	$0.00	$6,400.00	$20,520.00
	12/17/2021	2021-00006999	$0.00	$2,590.00	$17,930.00
	12/17/2021	2021-00006999	$0.00	$19,775.00	($1,845.00)
	12/17/2021	2021-00006999	$1,845.00	$0.00	$0.00
			$1,845.00	$29,305.00	($29,305.00)
540.05 - Services Management Consulting			Amended Balance as of: 10/1/2021		$400.00
	12/17/2021	2021-00006974	$0.00	$60.00	$340.00
			$0.00	$60.00	$340.00
Program: 0000 General Totals:			$1,875.00	$476,430.00	
Division: 17 Village Wide Benefit Programs Totals:			$1,875.00	$476,430.00	
Department: 34 Human Resources Totals:			$9,160.00	$476,430.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 36 Planning & Zoning					
Division: 01 Administration					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$3,410.00
	12/17/2021	2021-00006965	$2,000.00	$0.00	$5,410.00
	12/17/2021	2021-00006999	$1,060.00	$0.00	$6,470.00
			$3,060.00	$0.00	$6,470.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$5,440.00
	12/17/2021	2021-00006965	$30.00	$0.00	$5,470.00
	12/17/2021	2021-00006999	$20.00	$0.00	$5,490.00
			$50.00	$0.00	$5,490.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$23,190.00
	12/17/2021	2021-00006965	$125.00	$0.00	$23,315.00
	12/17/2021	2021-00006999	$70.00	$0.00	$23,385.00
			$195.00	$0.00	$23,385.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$44,035.00
	12/17/2021	2021-00006965	$240.00	$0.00	$44,275.00
	12/17/2021	2021-00006999	$130.00	$0.00	$44,405.00
			$370.00	$0.00	$44,405.00
520.15 - Office Supplies Printed Forms			Amended Balance as of: 10/1/2021		$2,000.00
	11/01/2021	2021-00005909	$0.00	$2,000.00	$0.00
			$0.00	$2,000.00	$0.00
575.10 - Other Memberships & Publications			Amended Balance as of: 10/1/2021		$1,480.00
	12/08/2021	2021-00006731	$99.00	$0.00	$1,711.00
			$99.00	$0.00	$1,579.00
575.15 - Other Training & Travel			Amended Balance as of: 10/1/2021		($132.00)
	12/08/2021	2021-00006731	$0.00	$99.00	$4,019.00
			$0.00	$99.00	($231.00)
Program: 0000 General Totals:			$3,774.00	$2,099.00	
Division: 01 Administration Totals:			$3,774.00	$2,099.00	
Department: 36 Planning & Zoning Totals:			$3,774.00	$2,099.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 38 Information Technology					
Division: 01 Administration					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$8,930.00
	12/17/2021	2021-00006965	$6,000.00	$0.00	$14,930.00
	12/17/2021	2021-00006999	$3,010.00	$0.00	$17,940.00
			$9,010.00	$0.00	$17,940.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$8,650.00
	12/17/2021	2021-00006965	$90.00	$0.00	$8,740.00
	12/17/2021	2021-00006999	$60.00	$0.00	$8,800.00
			$150.00	$0.00	$8,800.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$36,925.00
	12/17/2021	2021-00006965	$375.00	$0.00	$37,440.00
	12/17/2021	2021-00006999	$195.00	$0.00	$37,635.00
			$570.00	$0.00	$37,495.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$220.00
	12/17/2021	2021-00006965	$720.00	$0.00	$70,770.00
	12/17/2021	2021-00006999	$365.00	$0.00	$71,135.00
			$1,085.00	$0.00	$1,305.00
520.05 - Office Supplies General			Amended Balance as of: 10/1/2021		$8,350.00
	12/30/2021	2021-00007322	$0.00	$2,000.00	$6,350.00
			$0.00	$2,000.00	$6,350.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$28,200.00
	12/07/2021	2021-00006710	$1,000.00	$0.00	$29,200.00
	12/30/2021	2021-00007322	$2,000.00	$0.00	$31,200.00
			$3,000.00	$0.00	$31,200.00
565.35 - Repair and Maintenance Software			Amended Balance as of: 10/1/2021		$58,200.00
	10/19/2021	2021-00005637	$1,600.00	$0.00	$59,800.00
	11/05/2021	2021-00006045	$4,000.00	$0.00	$63,800.00
			$5,600.00	$0.00	$63,800.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
570.05 - Rental Office Equipment			Amended Balance as of: 10/1/2021		$50,000.00
	10/19/2021	2021-00005637	$0.00	$1,600.00	$48,400.00
	11/05/2021	2021-00006045	$0.00	$4,000.00	$44,400.00
	12/07/2021	2021-00006710	$0.00	$1,000.00	$43,400.00
			$0.00	$6,600.00	$43,400.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$200.00
	12/15/2021	2021-00006901	$3,710.00	$0.00	$3,910.00
			$3,710.00	$0.00	$3,910.00
Program: 0000 General Totals:			$23,125.00	$8,600.00	
Division: 01 Administration Totals:			$23,125.00	$8,600.00	
Division: 22 Geographic Information Systems					
Program: 0000 General					
500.05 - Salaries Full Time			Amended Balance as of: 10/1/2021		$193,205.00
	12/31/2021	2021-00007486	$0.00	$50,000.00	$121,705.00
			$0.00	$50,000.00	$143,205.00
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,750.00
	12/17/2021	2021-00006999	$620.00	$0.00	$2,370.00
			$620.00	$0.00	$2,370.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$2,830.00
	12/17/2021	2021-00006999	$10.00	$0.00	$2,840.00
			$10.00	$0.00	$2,840.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$12,090.00
	12/17/2021	2021-00006999	$40.00	$0.00	$12,130.00
			$40.00	$0.00	$12,130.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$23,400.00
	12/17/2021	2021-00006999	$75.00	$0.00	$23,475.00
			$75.00	$0.00	$23,475.00
Program: 0000 General Totals:			$745.00	$50,000.00	
Division: 22 Geographic Information Systems Totals:			$745.00	$50,000.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Division: 23 Communication Systems					
Program: 0000 General					
545.10 - Communications Telephone			Amended Balance as of: 10/1/2021		$25,600.00
	10/22/2021	2021-00005706	$3,780.00	$0.00	$29,380.00
			$3,780.00	$0.00	$29,380.00
545.15 - Communications Cell Phones			Amended Balance as of: 10/1/2021		$22,360.00
	10/13/2021	2021-00005508	$950.00	$0.00	$23,310.00
	12/07/2021	2021-00006797	$1,042.00	$0.00	$24,352.00
	12/14/2021	2021-00006846	$1,398.00	$0.00	$25,750.00
	12/29/2021	2021-00007141	$6,000.00	$0.00	$31,750.00
			$9,390.00	$0.00	$31,750.00
545.95 - Communications Other			Amended Balance as of: 10/1/2021		$24,960.00
	11/05/2021	2021-00006045	$0.00	$1,000.00	$23,960.00
	12/29/2021	2021-00007141	$0.00	$6,000.00	$17,960.00
			$0.00	$7,000.00	$17,960.00
565.35 - Repair and Maintenance Software			Amended Balance as of: 10/1/2021		$18,535.00
	10/22/2021	2021-00005706	$0.00	$3,780.00	$18,535.00
	11/05/2021	2021-00006045	$1,000.00	$0.00	$19,535.00
	12/07/2021	2021-00006711	$1,042.00	$0.00	$20,577.00
	12/07/2021	2021-00006797	$0.00	$1,042.00	$19,535.00
			$2,042.00	$4,822.00	$15,755.00
Program: 0000 General Totals:			$15,212.00	$11,822.00	
Division: 23 Communication Systems Totals:			$15,212.00	$11,822.00	
Department: 38 Information Technology Totals:			$39,082.00	$70,422.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 40 Community Development					
Division: 01 Administration					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$4,065.00
	12/17/2021	2021-00006965	$7,500.00	$0.00	$11,565.00
	12/17/2021	2021-00006999	$1,300.00	$0.00	$12,865.00
			$8,800.00	$0.00	$12,865.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$2,610.00
	12/17/2021	2021-00006965	$110.00	$0.00	$2,990.00
	12/17/2021	2021-00006999	$20.00	$0.00	$3,010.00
			$130.00	$0.00	$2,740.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$1,150.00
	12/17/2021	2021-00006965	$465.00	$0.00	$12,775.00
	12/17/2021	2021-00006999	$85.00	$0.00	$12,860.00
			$550.00	$0.00	$1,700.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$20,750.00
	12/17/2021	2021-00006965	$900.00	$0.00	$24,280.00
	12/17/2021	2021-00006999	$160.00	$0.00	$24,440.00
			$1,060.00	$0.00	$21,810.00
520.05 - Office Supplies General			Amended Balance as of: 10/1/2021		($100.00)
	12/31/2021	2021-00007365	$0.00	$499.00	$4,146.00
			$0.00	$499.00	($599.00)
575.10 - Other Memberships & Publications			Amended Balance as of: 10/1/2021		$475.00
	12/31/2021	2021-00007365	$499.00	$0.00	$974.00
			$499.00	$0.00	$974.00
Program: 0000 General Totals:			$11,039.00	$499.00	
Division: 01 Administration Totals:			$11,039.00	$499.00	
Division: 24 Building Permits & Inspections					
Program: 0000 General					
500.05 - Salaries Full Time			Amended Balance as of: 10/1/2021		$525,030.00
	12/31/2021	2021-00007486	$0.00	$35,000.00	$490,175.00
			$0.00	$35,000.00	$490,030.00
540.20 - Services Architectual			Amended Balance as of: 10/1/2021		$25,000.00
	12/16/2021	2021-00006931	$9,360.00	$0.00	$75,639.00
	12/31/2021	2021-00007326	$9,183.00	$0.00	$84,822.00
			$18,543.00	$0.00	$43,543.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
540.25 - Services Engineering			Amended Balance as of: 10/1/2021		$75,000.00
	12/16/2021	2021-00006931	$0.00	$9,360.00	$40,640.00
	12/31/2021	2021-00007326	$0.00	$9,183.00	$31,457.00
			$0.00	$18,543.00	$56,457.00
540.45 - Services Data Processing/Technology			Amended Balance as of: 10/1/2021		$8,500.00
	12/31/2021	2021-00007486	$0.00	$8,500.00	$0.00
			$0.00	$8,500.00	$0.00
Program: 0000 General Totals:			$18,543.00	$62,043.00	
Division: 24 Building Permits & Inspections Totals:			$18,543.00	$62,043.00	
Division: 25 Neighborhood Services					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$3,700.00
	12/17/2021	2021-00006964	$1,500.00	$0.00	$5,200.00
	12/17/2021	2021-00006999	$750.00	$0.00	$5,950.00
			$2,250.00	$0.00	$5,950.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$7,340.00
	12/17/2021	2021-00006964	$30.00	$0.00	$7,370.00
	12/17/2021	2021-00006999	$15.00	$0.00	$7,385.00
			$45.00	$0.00	$7,385.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$31,335.00
	12/17/2021	2021-00006964	$105.00	$0.00	$31,440.00
	12/17/2021	2021-00006999	$50.00	$0.00	$31,490.00
			$155.00	$0.00	$31,490.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$60,400.00
	12/17/2021	2021-00006964	$120.00	$0.00	$60,520.00
	12/17/2021	2021-00006999	$90.00	$0.00	$60,610.00
			$210.00	$0.00	$60,610.00
Program: 0000 General Totals:			$2,660.00	$0.00	
Division: 25 Neighborhood Services Totals:			$2,660.00	$0.00	
Division: 26 Environmental Health					
Program: 0000 General					
540.60 - Services Custodial			Amended Balance as of: 10/1/2021		$5,500.00
	10/29/2021	2021-00005865	$500.00	$0.00	$7,500.00
			$500.00	$0.00	$6,000.00
575.15 - Other Training & Travel			Amended Balance as of: 10/1/2021		$2,600.00
	10/29/2021	2021-00005865	$0.00	$500.00	$2,100.00
			$0.00	$500.00	$2,100.00
Program: 0000 General Totals:			$500.00	$500.00	
Division: 26 Environmental Health Totals:			$500.00	$500.00	
Department: 40 Community Development Totals:			$32,742.00	$63,042.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 42 Police					
Division: 01 Administration					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$16,730.00
	12/17/2021	2021-00006964	$1,000.00	$0.00	$17,730.00
	12/17/2021	2021-00006965	$7,000.00	$0.00	$24,730.00
	12/17/2021	2021-00006999	$20,820.00	$0.00	$45,550.00
			$28,820.00	$0.00	$45,550.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$16,795.00
	12/17/2021	2021-00006964	$20.00	$0.00	$16,815.00
	12/17/2021	2021-00006965	$105.00	$0.00	$16,920.00
	12/17/2021	2021-00006999	$315.00	$0.00	$17,235.00
			$440.00	$0.00	$17,235.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$71,715.00
	12/17/2021	2021-00006964	$70.00	$0.00	$69,655.00
	12/17/2021	2021-00006965	$435.00	$0.00	$70,090.00
	12/17/2021	2021-00006999	$1,305.00	$0.00	$71,395.00
			$1,810.00	$0.00	$73,525.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$32,030.00
	12/17/2021	2021-00006964	$60.00	$0.00	$32,090.00
	12/17/2021	2021-00006999	$75.00	$0.00	$32,165.00
			$135.00	$0.00	$32,165.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$1,730.00
	12/17/2021	2021-00006974	$60.00	$0.00	$1,790.00
			$60.00	$0.00	$1,790.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$22,505.00
	12/31/2021	2021-00007486	$0.00	$5,013.00	$17,492.00
			$0.00	$5,013.00	$17,492.00
Program: 0000 General Totals:			$31,265.00	$5,013.00	
Division: 01 Administration Totals:			$31,265.00	$5,013.00	
Division: 27 Crime Control & Investigation					
Program: 4201 Patrol					
500.05 - Salaries Full Time			Amended Balance as of: 10/1/2021		$7,907,860.00
	12/27/2021	2021-00007098	$0.00	$2,085.00	$7,905,775.00
			$0.00	$2,085.00	$7,905,775.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$32,650.00
	12/17/2021	2021-00006964	$2,500.00	$0.00	$35,150.00
	12/17/2021	2021-00006999	$66,840.00	$0.00	$101,990.00
			$69,340.00	$0.00	$101,990.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$119,790.00
	12/17/2021	2021-00006964	$50.00	$0.00	$119,800.00
	12/17/2021	2021-00006999	$1,100.00	$0.00	$120,900.00
			$1,150.00	$0.00	$120,940.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		($155.00)
	12/17/2021	2021-00006964	$175.00	$0.00	$511,425.00
	12/17/2021	2021-00006999	$4,260.00	$0.00	$515,685.00
			$4,435.00	$0.00	$4,280.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$22,785.00
	12/17/2021	2021-00006964	$60.00	$0.00	$22,845.00
	12/17/2021	2021-00006999	$65.00	$0.00	$22,910.00
			$125.00	$0.00	$22,910.00
520.15 - Office Supplies Printed Forms			Amended Balance as of: 10/1/2021		$4,000.00
	12/31/2021	2021-00007486	$0.00	$2,500.00	$1,500.00
			$0.00	$2,500.00	$1,500.00
525.35 - Operating Supplies Clothing			Amended Balance as of: 10/1/2021		$76,490.00
	11/10/2021	2021-00006156	$1,500.00	$0.00	$85,157.00
	12/31/2021	2021-00007359	$1,200.00	$0.00	$86,357.00
			$2,700.00	$0.00	$79,190.00
540.10 - Services Financial			Amended Balance as of: 10/1/2021		$0.00
	12/31/2021	2021-00007257	$5,750.00	$0.00	$5,750.00
			$5,750.00	$0.00	$5,750.00
540.45 - Services Data Processing/Technology			Amended Balance as of: 10/1/2021		$63,800.00
	12/31/2021	2021-00007257	$0.00	$5,750.00	$58,050.00
			$0.00	$5,750.00	$58,050.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$800.00
	12/31/2021	2021-00007486	$0.00	$300.00	$500.00
			$0.00	$300.00	$500.00
Program: 4201 Patrol Totals:			$83,500.00	$10,635.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Program: 4202 Investigation					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$18,900.00
	12/17/2021	2021-00006964	$1,000.00	$0.00	$19,900.00
	12/17/2021	2021-00006999	$28,125.00	$0.00	$48,025.00
			$29,125.00	$0.00	$48,025.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$37,965.00
	12/17/2021	2021-00006964	$20.00	$0.00	$37,985.00
	12/17/2021	2021-00006999	$465.00	$0.00	$38,450.00
			$485.00	$0.00	$38,450.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$162,030.00
	12/17/2021	2021-00006964	$70.00	$0.00	$162,100.00
	12/17/2021	2021-00006999	$1,785.00	$0.00	$163,885.00
			$1,855.00	$0.00	$163,885.00
510.60 - Taxes & Benefits Allowances			Amended Balance as of: 10/1/2021		$20,400.00
	11/10/2021	2021-00006156	$0.00	$1,500.00	$18,900.00
			$0.00	$1,500.00	$18,900.00
Program: 4202 Investigation Totals:			$31,465.00	$1,500.00	
Program: 4204 Crime Prevention/CFMH					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$3,750.00
	12/17/2021	2021-00006999	$3,965.00	$0.00	$7,715.00
			$3,965.00	$0.00	$7,715.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$4,800.00
	12/17/2021	2021-00006999	$65.00	$0.00	$4,865.00
			$65.00	$0.00	$4,865.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$20,480.00
	12/17/2021	2021-00006999	$250.00	$0.00	$20,730.00
			$250.00	$0.00	$20,730.00
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$5,140.00
	12/31/2021	2021-00007486	$0.00	$2,624.00	$2,466.00
			$0.00	$2,624.00	$2,516.00
Program: 4204 Crime Prevention/CFMH Totals:			$4,280.00	$2,624.00	
Program: 4205 Records & Identification					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$4,160.00
	12/17/2021	2021-00006964	$1,000.00	$0.00	$5,160.00
			$1,000.00	$0.00	$5,160.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$5,530.00
	12/17/2021	2021-00006964	$20.00	$0.00	$5,550.00
			$20.00	$0.00	$5,550.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$23,585.00
	12/17/2021	2021-00006964	$70.00	$0.00	$23,655.00
			$70.00	$0.00	$23,655.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$45,555.00
	12/17/2021	2021-00006964	$120.00	$0.00	$45,675.00
			$120.00	$0.00	$45,675.00
Program: 4205 Records & Identification Totals:			$1,210.00	$0.00	
Program: 4207 Animal Control					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$3,550.00
	11/19/2021	2021-00006366	$0.00	$150.00	$3,400.00
	12/03/2021	2021-00006646	$0.00	$200.00	$3,200.00
			$0.00	$350.00	$3,200.00
540.35 - Services Medical			Amended Balance as of: 10/1/2021		$2,500.00
	11/19/2021	2021-00006366	$150.00	$0.00	$2,650.00
	12/03/2021	2021-00006646	$200.00	$0.00	$2,850.00
			$350.00	$0.00	$2,850.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$4,500.00
	12/31/2021	2021-00007486	$0.00	$2,487.00	$9,513.00
			$0.00	$2,487.00	$2,013.00
Program: 4207 Animal Control Totals:			$350.00	$2,837.00	
Division: 27 Crime Control & Investigation Totals:			$120,805.00	$17,596.00	
Division: 28 Traffic Control					
Program: 4211 Selective Traffic Enforcement					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$0.00
	12/17/2021	2021-00006999	$745.00	$0.00	$745.00
			$745.00	$0.00	$745.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,620.00
	12/17/2021	2021-00006999	$15.00	$0.00	$1,635.00
			$15.00	$0.00	$1,635.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$6,915.00
	12/17/2021	2021-00006999	$50.00	$0.00	$6,965.00
			$50.00	$0.00	$6,965.00
Program: 4211 Selective Traffic Enforcement Totals:			$810.00	$0.00	
Program: 4212 Overweight Vehicle Enforcement					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,250.00
	12/17/2021	2021-00006999	$3,130.00	$0.00	$4,380.00
			$3,130.00	$0.00	$4,380.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,610.00
	12/17/2021	2021-00006999	$50.00	$0.00	$1,660.00
			$50.00	$0.00	$1,660.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$6,865.00
	12/17/2021	2021-00006999	$195.00	$0.00	$7,060.00
			$195.00	$0.00	$7,060.00
Program: 4212 Overweight Vehicle Enforcement Totals:			$3,375.00	$0.00	
Division: 28 Traffic Control Totals:			$4,185.00	$0.00	
Division: 29 Police Training					
Program: 0000 General					
575.15 - Other Training & Travel			Amended Balance as of: 10/1/2021		$67,580.00
	12/06/2021	2021-00006688	$0.00	$1,005.00	$66,085.00
	12/07/2021	2021-00006711	$1,458.00	$0.00	$67,543.00
	12/31/2021	2021-00007359	$0.00	$1,200.00	$66,343.00
			$1,458.00	$2,205.00	$66,833.00
Program: 0000 General Totals:			$1,458.00	$2,205.00	
Division: 29 Police Training Totals:			$1,458.00	$2,205.00	
Division: 30 Support Services					
Program: 4221 Communication Services					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,300.00
	12/17/2021	2021-00006964	$500.00	$0.00	$1,800.00
	12/17/2021	2021-00006999	$1,040.00	$0.00	$2,840.00
			$1,540.00	$0.00	$2,840.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$5,655.00
	12/17/2021	2021-00006964	$10.00	$0.00	$5,705.00
	12/17/2021	2021-00006999	$20.00	$0.00	$5,725.00
			$30.00	$0.00	$5,685.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$155.00
	12/17/2021	2021-00006964	$35.00	$0.00	$24,310.00
	12/17/2021	2021-00006999	$70.00	$0.00	$24,380.00
			$105.00	$0.00	$260.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$46,660.00
	12/17/2021	2021-00006964	$60.00	$0.00	$46,720.00
	12/17/2021	2021-00006999	$130.00	$0.00	$46,850.00
			$190.00	$0.00	$46,850.00
530.05 - R&M Supplies Equipment Parts			Amended Balance as of: 10/1/2021		$2,790.00
	12/21/2021	2021-00007016	$0.00	$50.00	$2,740.00
			$0.00	$50.00	$2,740.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$1,000.00
	12/21/2021	2021-00007016	$50.00	$0.00	$1,050.00
			$50.00	$0.00	$1,050.00
Program: 4221 Communication Services Totals:			$1,915.00	$50.00	
Program: 4223 Social Services					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,750.00
	12/17/2021	2021-00006964	$500.00	$0.00	$2,250.00
			$500.00	$0.00	$2,250.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$2,710.00
	12/17/2021	2021-00006964	$10.00	$0.00	$2,720.00
			$10.00	$0.00	$2,720.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$11,555.00
	12/17/2021	2021-00006964	$35.00	$0.00	$11,590.00
			$35.00	$0.00	$11,590.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$22,320.00
	12/17/2021	2021-00006964	$60.00	$0.00	$22,380.00
			$60.00	$0.00	$22,380.00
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$200.00
	12/29/2021	2021-00007157	$1,000.00	$0.00	$1,200.00
			$1,000.00	$0.00	$1,200.00
Program: 4223 Social Services Totals:			$1,605.00	$0.00	
Division: 30 Support Services Totals:			$3,520.00	$50.00	
Department: 42 Police Totals:			$161,233.00	$24,864.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 44 Fire					
Division: 01 Administration					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$11,815.00
	12/17/2021	2021-00006965	$5,000.00	$0.00	$16,235.00
	12/17/2021	2021-00006999	$9,705.00	$0.00	$25,940.00
			$14,705.00	$0.00	$26,520.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$8,170.00
	12/17/2021	2021-00006965	$75.00	$0.00	$8,245.00
	12/17/2021	2021-00006999	$150.00	$0.00	$8,395.00
			$225.00	$0.00	$8,395.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$34,885.00
	12/17/2021	2021-00006965	$310.00	$0.00	$32,660.00
	12/17/2021	2021-00006999	$610.00	$0.00	$33,270.00
			$920.00	$0.00	$35,805.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$9,660.00
	12/17/2021	2021-00006999	$75.00	$0.00	$9,735.00
			$75.00	$0.00	$9,735.00
520.15 - Office Supplies Printed Forms			Amended Balance as of: 10/1/2021		$500.00
	12/29/2021	2021-00007156	$0.00	$20.00	$480.00
			$0.00	$20.00	$480.00
545.20 - Communications Postage			Amended Balance as of: 10/1/2021		$350.00
	11/09/2021	2021-00006100	$100.00	$0.00	$450.00
			$100.00	$0.00	$450.00
575.10 - Other Memberships & Publications			Amended Balance as of: 10/1/2021		$7,675.00
	12/17/2021	2021-00006972	$0.00	$1,000.00	$6,675.00
	12/29/2021	2021-00007156	$0.00	$230.00	$6,445.00
			$0.00	$1,230.00	$6,445.00
575.15 - Other Training & Travel			Amended Balance as of: 10/1/2021		$5,250.00
	12/17/2021	2021-00006973	$0.00	$1,000.00	$4,250.00
	12/29/2021	2021-00007156	$0.00	$800.00	$3,450.00
	12/31/2021	2021-00007371	$108.00	$0.00	$3,558.00
			$108.00	$1,800.00	$3,558.00
Program: 0000 General Totals:			$16,133.00	$3,050.00	
Division: 01 Administration Totals:			$16,133.00	$3,050.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Division: 32 Fire Service					
Program: 4401 Fire Suppression					
500.20 - Salaries Overtime			Amended Balance as of: 10/1/2021		$538,110.00
	12/22/2021	2021-00007033	$15,500.00	$0.00	$697,755.00
	12/31/2021	2021-00007486	$0.00	$12,393.00	$685,362.00
			$15,500.00	$12,393.00	$541,217.00
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		($1,505.00)
	12/17/2021	2021-00006999	$150,890.00	$0.00	$324,900.00
	12/17/2021	2021-00006999	$21,630.00	$0.00	$346,530.00
			$172,520.00	$0.00	$171,015.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$149,240.00
	12/17/2021	2021-00006999	$2,285.00	$0.00	$151,525.00
			$2,285.00	$0.00	$151,525.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$637,375.00
	12/17/2021	2021-00006999	$9,515.00	$0.00	$653,025.00
			$9,515.00	$0.00	$646,890.00
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$4,200.00
	11/09/2021	2021-00006100	$0.00	$100.00	$4,100.00
	12/31/2021	2021-00007371	$0.00	$108.00	$3,992.00
	12/31/2021	2021-00007486	$0.00	$1,000.00	$2,992.00
	12/31/2021	2021-00007486	$0.00	$750.00	$2,242.00
			$0.00	$1,958.00	$2,242.00
530.15 - R&M Supplies Building Repair			Amended Balance as of: 10/1/2021		$17,000.00
	12/17/2021	2021-00006972	$0.00	$4,000.00	$13,000.00
			$0.00	$4,000.00	$13,000.00
540.35 - Services Medical			Amended Balance as of: 10/1/2021		$31,695.00
	10/25/2021	2021-00005718	$0.00	$1,650.00	$30,045.00
	11/16/2021	2021-00006255	$0.00	$1,003.00	$29,042.00
	12/31/2021	2021-00007360	$0.00	$2,020.00	$27,022.00
	12/31/2021	2021-00007486	$0.00	$4,676.00	$22,346.00
			$0.00	$9,349.00	$22,346.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$42,900.00
	11/05/2021	2021-00006036	$0.00	$2,000.00	$40,900.00
	11/24/2021	2021-00006425	$0.00	$1,500.00	$39,400.00
	12/17/2021	2021-00006971	$558.00	$0.00	$39,958.00
	12/17/2021	2021-00006971	$366.00	$0.00	$40,324.00
	12/17/2021	2021-00006971	$738.00	$0.00	$41,062.00
	12/17/2021	2021-00006973	$1,000.00	$0.00	$42,062.00
	12/17/2021	2021-00006973	$1,000.00	$0.00	$43,062.00
	12/31/2021	2021-00007486	$0.00	$3,348.00	$39,714.00
			$3,662.00	$6,848.00	$39,714.00
565.15 - Repair and Maintenance Buildings			Amended Balance as of: 10/1/2021		$7,500.00
	12/27/2021	2021-00007103	$3,232.00	$0.00	$10,732.00
	12/31/2021	2021-00007475	$0.00	$3,750.00	$6,982.00
	12/31/2021	2021-00007486	$0.00	$2,152.00	$4,830.00
			$3,232.00	$5,902.00	$4,830.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$18,350.00
	12/31/2021	2021-00007486	$0.00	$576.00	$17,774.00
			$0.00	$576.00	$17,774.00
Program: 4401 Fire Suppression Totals:			$206,714.00	$41,026.00	
Program: 4402 Paramedic Service					
525.10 - Operating Supplies Medical			Amended Balance as of: 10/1/2021		$14,600.00
	11/05/2021	2021-00006036	$2,000.00	$0.00	$16,600.00
	11/24/2021	2021-00006425	$1,500.00	$0.00	$18,100.00
	12/17/2021	2021-00006972	$4,000.00	$0.00	$22,100.00
	12/17/2021	2021-00006972	$1,000.00	$0.00	$23,100.00
	12/27/2021	2021-00007101	$500.00	$0.00	$23,600.00
			$9,000.00	$0.00	$23,600.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$3,700.00
	12/27/2021	2021-00007100	$900.00	$0.00	$15,100.00
			$900.00	$0.00	$4,600.00
Program: 4402 Paramedic Service Totals:			$9,900.00	$0.00	
Division: 32 Fire Service Totals:			$216,614.00	$41,026.00	
Division: 33 Fire Prevention & Education					
Program: 4411 Fire Prevention					
500.10 - Salaries Part Time			Amended Balance as of: 10/1/2021		$12,800.00
	12/22/2021	2021-00007033	$0.00	$15,500.00	$56,750.00
			$0.00	$15,500.00	($2,700.00)
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$0.00
	12/17/2021	2021-00006999	$725.00	$0.00	$725.00
			$725.00	$0.00	$725.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$190.00
	12/17/2021	2021-00006999	$15.00	$0.00	$3,600.00
			$15.00	$0.00	$205.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$795.00
	12/17/2021	2021-00006999	$45.00	$0.00	$15,290.00
			$45.00	$0.00	$840.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$20,715.00
	12/17/2021	2021-00006999	$90.00	$0.00	$20,805.00
			$90.00	$0.00	$20,805.00
520.05 - Office Supplies General			Amended Balance as of: 10/1/2021		($95.00)
	12/17/2021	2021-00006971	$0.00	$558.00	$347.00
			$0.00	$558.00	($653.00)
520.10 - Office Supplies Paper			Amended Balance as of: 10/1/2021		$500.00
	12/17/2021	2021-00006971	$0.00	$366.00	$134.00
			$0.00	$366.00	$134.00
520.15 - Office Supplies Printed Forms			Amended Balance as of: 10/1/2021		$1,000.00
	12/17/2021	2021-00006971	$0.00	$738.00	$262.00
			$0.00	$738.00	$262.00
Program: 4411 Fire Prevention Totals:			$875.00	$17,162.00	
Program: 4412 Public Education					
500.20 - Salaries Overtime			Amended Balance as of: 10/1/2021		($12,800.00)
	12/31/2021	2021-00007486	$0.00	$417.00	$1,783.00
			$0.00	$417.00	($13,217.00)
Program: 4412 Public Education Totals:			$0.00	$417.00	
Division: 33 Fire Prevention & Education Totals:			$875.00	$17,579.00	
Division: 34 Fire Training					
Program: 0000 General					
500.20 - Salaries Overtime			Amended Balance as of: 10/1/2021		$49,480.00
	12/31/2021	2021-00007486	$0.00	$2,335.00	$47,145.00
			$0.00	$2,335.00	$47,145.00
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,000.00
	12/17/2021	2021-00006999	$515.00	$0.00	$1,515.00
			$515.00	$0.00	$1,515.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$2,725.00
	12/17/2021	2021-00006999	$10.00	$0.00	$2,735.00
			$10.00	$0.00	$2,735.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$11,630.00
	12/17/2021	2021-00006999	$35.00	$0.00	$11,665.00
			$35.00	$0.00	$11,665.00
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$3,500.00
	12/29/2021	2021-00007156	$0.00	$1,760.00	$1,740.00
			$0.00	$1,760.00	$1,740.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$10,940.00
	10/04/2021	2021-00005307	$690.00	$0.00	$11,630.00
			$690.00	$0.00	$11,630.00
575.15 - Other Training & Travel			Amended Balance as of: 10/1/2021		$29,750.00
	10/04/2021	2021-00005307	$0.00	$690.00	$29,060.00
	12/29/2021	2021-00007156	$1,760.00	$0.00	$30,820.00
	12/29/2021	2021-00007156	$800.00	$0.00	$31,620.00
	12/29/2021	2021-00007156	$230.00	$0.00	$31,850.00
	12/29/2021	2021-00007156	$20.00	$0.00	$31,870.00
			$2,810.00	$690.00	$31,870.00
Program: 0000 General Totals:			$4,060.00	$4,785.00	
Division: 34 Fire Training Totals:			$4,060.00	$4,785.00	
Division: 37 Emergency Management					
Program: 0000 General					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$2,850.00
	12/27/2021	2021-00007100	$0.00	$900.00	$1,950.00
	12/27/2021	2021-00007101	$0.00	$500.00	$1,450.00
	12/27/2021	2021-00007103	$0.00	$1,450.00	$0.00
			$0.00	$2,850.00	$0.00
540.45 - Services Data Processing/Technology			Amended Balance as of: 10/1/2021		$1,170.00
	12/27/2021	2021-00007103	$0.00	$825.00	$345.00
			$0.00	$825.00	$345.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$22,500.00
	12/27/2021	2021-00007103	$0.00	$277.00	$22,223.00
			$0.00	$277.00	$22,223.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$7,450.00
	12/17/2021	2021-00006973	$0.00	$1,000.00	$6,450.00
			$0.00	$1,000.00	$6,450.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$500.00
	12/27/2021	2021-00007103	$0.00	$500.00	$0.00
			$0.00	$500.00	$0.00
575.10 - Other Memberships & Publications			Amended Balance as of: 10/1/2021		$565.00
	12/27/2021	2021-00007103	$0.00	$180.00	$385.00
			$0.00	$180.00	$385.00
Program: 0000 General Totals:			$0.00	$5,632.00	
Division: 37 Emergency Management Totals:			$0.00	$5,632.00	
Department: 44 Fire Totals:			$237,682.00	$72,072.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 52 Public Works					
Division: 01 Administration					
Program: 0000 General					
500.10 - Salaries Part Time			Amended Balance as of: 10/1/2021		$15,600.00
	10/08/2021	2021-00005414	$0.00	$5,000.00	$46,600.00
	11/03/2021	2021-00005988	$0.00	$10,600.00	$36,000.00
			$0.00	$15,600.00	$0.00
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$60,610.00
	12/17/2021	2021-00006965	$6,500.00	$0.00	$67,110.00
	12/17/2021	2021-00006999	$2,790.00	$0.00	$69,900.00
			$9,290.00	$0.00	$69,900.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$11,450.00
	10/08/2021	2021-00005414	$0.00	$75.00	$11,375.00
	12/17/2021	2021-00006965	$95.00	$0.00	$11,470.00
	12/17/2021	2021-00006999	$50.00	$0.00	$11,520.00
			$145.00	$75.00	$11,520.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$48,820.00
	10/08/2021	2021-00005414	$0.00	$310.00	$48,510.00
	10/08/2021	2021-00005414	$0.00	$600.00	$47,910.00
	12/17/2021	2021-00006965	$405.00	$0.00	$48,315.00
	12/17/2021	2021-00006999	$175.00	$0.00	$48,490.00
			$580.00	$910.00	$48,490.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$89,880.00
	12/17/2021	2021-00006965	$780.00	$0.00	$90,660.00
	12/17/2021	2021-00006999	$340.00	$0.00	$91,000.00
			$1,120.00	$0.00	$91,000.00
Program: 0000 General Totals:			$11,135.00	$16,585.00	
Division: 01 Administration Totals:			$11,135.00	$16,585.00	
Division: 38 Building, Grounds, Electrical					
Program: 5201 Buildings & Grounds Maintenance					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		($500.00)
	12/17/2021	2021-00006964	$500.00	$0.00	$1,500.00
			$500.00	$0.00	$0.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$4,095.00
	12/17/2021	2021-00006964	$10.00	$0.00	$4,105.00
			$10.00	$0.00	$4,105.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		($3,600.00)
	12/17/2021	2021-00006964	$35.00	$0.00	$13,910.00
			$35.00	$0.00	($3,565.00)
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		($5,615.00)
	12/17/2021	2021-00006964	$60.00	$0.00	$28,255.00
			$60.00	$0.00	($5,555.00)
525.05 - Operating Supplies Custodial			Amended Balance as of: 10/1/2021		$19,800.00
	12/31/2021	2021-00007475	$0.00	$1,078.00	$18,722.00
			$0.00	$1,078.00	$18,722.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$2,100.00
	10/27/2021	2021-00005801	$3,700.00	$0.00	$28,700.00
	12/13/2021	2021-00006808	$11,400.00	$0.00	$40,100.00
	12/31/2021	2021-00007475	$0.00	$11,400.00	$28,700.00
			$15,100.00	$11,400.00	$5,800.00
560.05 - Utility Services Electric			Amended Balance as of: 10/1/2021		$8,000.00
	12/31/2021	2021-00007260	$0.00	$417.00	$7,583.00
			$0.00	$417.00	$7,583.00
560.10 - Utility Services Natural Gas			Amended Balance as of: 10/1/2021		$23,000.00
	12/31/2021	2021-00007260	$0.00	$7,000.00	$16,000.00
	12/31/2021	2021-00007307	$2,108.00	$0.00	$18,108.00
			$2,108.00	$7,000.00	$18,108.00
Program: 5201 Buildings & Grounds Maintenance Totals:			$17,813.00	$19,895.00	
Program: 5202 Mechanical Maintenance					
525.05 - Operating Supplies Custodial			Amended Balance as of: 10/1/2021		$6,000.00
	12/31/2021	2021-00007260	$0.00	$2,000.00	$4,000.00
			$0.00	$2,000.00	$4,000.00
530.05 - R&M Supplies Equipment Parts			Amended Balance as of: 10/1/2021		$43,473.00
	11/19/2021	2021-00006361	$19,500.00	$0.00	$128,843.00
	12/30/2021	2021-00007183	$2,500.00	$0.00	$131,343.00
	12/31/2021	2021-00007475	$0.00	$26,844.00	$104,499.00
			$22,000.00	$26,844.00	$38,629.00
560.05 - Utility Services Electric			Amended Balance as of: 10/1/2021		$121,430.00
	12/31/2021	2021-00007260	$14,210.00	$0.00	$135,640.00
			$14,210.00	$0.00	$135,640.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$3,448.00
	10/27/2021	2021-00005801	$0.00	$3,700.00	$124,148.00
	11/19/2021	2021-00006361	$0.00	$19,500.00	$104,648.00
	12/30/2021	2021-00007183	$0.00	$2,500.00	$102,148.00
	12/31/2021	2021-00007260	$0.00	$4,793.00	$97,355.00
	12/31/2021	2021-00007307	$0.00	$2,108.00	$95,247.00
	12/31/2021	2021-00007475	$0.00	$7,263.00	$87,984.00
			$0.00	$39,864.00	($36,416.00)
Program: 5202 Mechanical Maintenance Totals:			$36,210.00	$68,708.00	
Division: 38 Building, Grounds, Electrical Totals:			$54,023.00	$88,603.00	
Division: 39 Forestry					
Program: 5211 Tree Maintenance					
500.20 - Salaries Overtime			Amended Balance as of: 10/1/2021		$11,500.00
	12/01/2021	2021-00006576	$0.00	$300.00	$11,200.00
			$0.00	$300.00	$11,200.00
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$4,550.00
	12/17/2021	2021-00006999	$820.00	$0.00	$5,370.00
			$820.00	$0.00	$5,370.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$6,140.00
	12/17/2021	2021-00006999	$15.00	$0.00	$6,155.00
			$15.00	$0.00	$6,155.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$26,215.00
	12/17/2021	2021-00006999	$55.00	$0.00	$26,270.00
			$55.00	$0.00	$26,270.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$50,690.00
	12/17/2021	2021-00006999	$100.00	$0.00	$50,790.00
			$100.00	$0.00	$50,790.00
565.25 - Repair and Maintenance Landscape			Amended Balance as of: 10/1/2021		$30,334.00
	12/31/2021	2021-00007217	$23,939.00	$0.00	$263,298.00
	12/31/2021	2021-00007475	$0.00	$119,372.00	$143,926.00
			$23,939.00	$119,372.00	($65,099.00)
Program: 5211 Tree Maintenance Totals:			$24,929.00	$119,672.00	
Program: 5212 Landscape Maintenance					
500.10 - Salaries Part Time			Amended Balance as of: 10/1/2021		$30,000.00
	10/08/2021	2021-00005414	$5,000.00	$0.00	$35,000.00
	11/03/2021	2021-00005988	$10,600.00	$0.00	$45,600.00
			$15,600.00	$0.00	$45,600.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

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From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
500.20 - Salaries Overtime			Amended Balance as of: 10/1/2021		$1,000.00
	12/01/2021	2021-00006576	$300.00	$0.00	$1,300.00
			$300.00	$0.00	$1,300.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$3,035.00
	10/08/2021	2021-00005414	$75.00	$0.00	$3,110.00
			$75.00	$0.00	$3,110.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$12,945.00
	10/08/2021	2021-00005414	$310.00	$0.00	$13,255.00
			$310.00	$0.00	$13,255.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$25,045.00
	10/08/2021	2021-00005414	$600.00	$0.00	$25,645.00
			$600.00	$0.00	$25,645.00
565.25 - Repair and Maintenance Landscape			Amended Balance as of: 10/1/2021		$139,000.00
	12/31/2021	2021-00007217	$0.00	$23,939.00	$115,061.00
			$0.00	$23,939.00	$115,061.00
Program: 5212 Landscape Maintenance Totals:			$16,885.00	$23,939.00	
Division: 39 Forestry Totals:			$41,814.00	$143,611.00	
Division: 41 Streets					
Program: 5231 Pavement Maintenance					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$6,750.00
	12/17/2021	2021-00006999	$820.00	$0.00	$7,570.00
			$820.00	$0.00	$7,570.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$12,080.00
	12/17/2021	2021-00006999	$15.00	$0.00	$12,095.00
			$15.00	$0.00	$12,095.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$51,380.00
	12/17/2021	2021-00006999	$55.00	$0.00	$51,435.00
			$55.00	$0.00	$51,435.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$98,470.00
	12/17/2021	2021-00006999	$100.00	$0.00	$98,570.00
			$100.00	$0.00	$98,570.00
525.30 - Operating Supplies Salt			Amended Balance as of: 10/1/2021		$103,929.00
	12/17/2021	2021-00006967	$600.00	$0.00	$267,529.00
	12/31/2021	2021-00007475	$0.00	$46,206.00	$221,323.00
			$600.00	$46,206.00	$58,323.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
530.20 - R&M Supplies Street Maintenance			Amended Balance as of: 10/1/2021		($20,229.00)
	12/06/2021	2021-00006660	$14,045.00	$0.00	$331,596.00
	12/13/2021	2021-00006808	$0.00	$11,400.00	$320,196.00
	12/13/2021	2021-00006809	$0.00	$9,000.00	$311,196.00
	12/17/2021	2021-00006967	$0.00	$600.00	$310,596.00
	12/31/2021	2021-00007475	$0.00	$39,100.00	$271,496.00
			$14,045.00	$60,100.00	($66,284.00)
540.95 - Services Other			Amended Balance as of: 10/1/2021		$10,251.00
	11/17/2021	2021-00006291	$200.00	$0.00	$155,671.00
	12/13/2021	2021-00006809	$9,000.00	$0.00	$164,671.00
	12/31/2021	2021-00007475	$0.00	$9,000.00	$155,671.00
			$9,200.00	$9,000.00	$10,451.00
565.20 - Repair and Maintenance Streets			Amended Balance as of: 10/1/2021		$6,049.00
	12/31/2021	2021-00007208	$0.00	$2,783.00	$93,166.00
	12/31/2021	2021-00007211	$0.00	$887.00	$92,279.00
			$0.00	$3,670.00	$2,379.00
570.10 - Rental Machinery			Amended Balance as of: 10/1/2021		($429.00)
	11/17/2021	2021-00006291	$0.00	$200.00	$29,921.00
			$0.00	$200.00	($629.00)
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		($744.00)
	12/31/2021	2021-00007208	$2,783.00	$0.00	$11,039.00
	12/31/2021	2021-00007377	$426.00	$0.00	$11,465.00
			$3,209.00	$0.00	$2,465.00
Program: 5231 Pavement Maintenance Totals:			$28,044.00	$119,176.00	
Program: 5232 Traffic Control & Safety Signs					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$750.00
	12/17/2021	2021-00006999	$265.00	$0.00	$1,015.00
			$265.00	$0.00	$1,015.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$2,240.00
	12/17/2021	2021-00006999	$5.00	$0.00	$2,245.00
			$5.00	$0.00	$2,245.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$9,560.00
	12/17/2021	2021-00006999	$20.00	$0.00	$9,580.00
			$20.00	$0.00	$9,580.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$18,490.00
	12/17/2021	2021-00006999	$35.00	$0.00	$18,525.00
			$35.00	$0.00	$18,525.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

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Account	G/L Date	Journal	Increases	Decreases	Amended Balance
525.35 - Operating Supplies Clothing			Amended Balance as of: 10/1/2021		$1,200.00
	12/31/2021	2021-00007267	$0.00	$60.00	$1,140.00
			$0.00	$60.00	$1,140.00
525.40 - Operating Supplies Shop Materials			Amended Balance as of: 10/1/2021		$33,500.00
	12/31/2021	2021-00007211	$887.00	$0.00	$34,387.00
	12/31/2021	2021-00007267	$60.00	$0.00	$34,447.00
	12/31/2021	2021-00007475	$0.00	$381.00	$34,066.00
			$947.00	$381.00	$34,066.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$2,800.00
	12/31/2021	2021-00007376	$187.00	$0.00	$2,987.00
			$187.00	$0.00	$2,987.00
Program: 5232 Traffic Control & Safety Signs Totals:			$1,459.00	$441.00	
Program: 5233 Rights of Way Maintenance					
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$1,000.00
	12/31/2021	2021-00007376	$0.00	$187.00	$813.00
	12/31/2021	2021-00007377	$0.00	$426.00	$387.00
			$0.00	$613.00	$387.00
Program: 5233 Rights of Way Maintenance Totals:			$0.00	$613.00	
Division: 41 Streets Totals:			$29,503.00	$120,230.00	
Division: 43 Engineering					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,000.00
	12/17/2021	2021-00006999	$815.00	$0.00	$1,815.00
			$815.00	$0.00	$1,815.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,545.00
	12/17/2021	2021-00006999	$15.00	$0.00	$1,560.00
			$15.00	$0.00	$1,560.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$6,605.00
	12/17/2021	2021-00006999	$55.00	$0.00	$6,660.00
			$55.00	$0.00	$6,660.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$12,780.00
	12/17/2021	2021-00006999	$100.00	$0.00	$12,880.00
			$100.00	$0.00	$12,880.00

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Village of Palatine

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From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
540.20 - Services Architectual			Amended Balance as of: 10/1/2021		$450.00
	12/13/2021	2021-00006807	$400.00	$0.00	$2,350.00
	12/31/2021	2021-00007475	$0.00	$1,000.00	$1,350.00
			$400.00	$1,000.00	($150.00)
540.45 - Services Data Processing/Technology			Amended Balance as of: 10/1/2021		$500.00
	12/13/2021	2021-00006807	$0.00	$400.00	$100.00
			$0.00	$400.00	$100.00
Program: 0000 General Totals:			$1,385.00	$1,400.00	
Division: 43 Engineering Totals:			$1,385.00	$1,400.00	
Department: 52 Public Works Totals:			$137,860.00	$370,429.00	
Fund Totals: General Fund			$740,417.00	$1,505,797.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 205 Motor Fuel Tax Fund					
434 - Grants			Amended Balance as of: 10/1/2021		$753,029.00
	12/31/2021	2021-00007479	$376,514.00	$0.00	$1,129,543.00
	12/31/2021	2021-00007479	$376,515.00	$0.00	$1,506,058.00
			$753,029.00	$0.00	$1,506,058.00
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$779,946.00
	12/31/2021	2021-00007467	$19,251.00	$0.00	$577,822.00
	12/31/2021	2021-00007477	$0.00	$131,079.00	$446,743.00
	12/31/2021	2021-00007486	$0.00	$1,768,501.00	($1,321,758.00)
			$19,251.00	$1,899,580.00	($1,100,383.00)
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6060 Streets					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$1,532,975.00
	12/31/2021	2021-00007467	$19,251.00	$0.00	$4,023,601.00
	12/31/2021	2021-00007475	$0.00	$131,079.00	$3,892,522.00
	12/31/2021	2021-00007479	$376,514.00	$0.00	$4,269,036.00
	12/31/2021	2021-00007479	$376,515.00	$0.00	$4,645,551.00
	12/31/2021	2021-00007486	$0.00	$672,466.00	$3,973,085.00
	12/31/2021	2021-00007486	$0.00	$672,468.00	$3,300,617.00
	12/31/2021	2021-00007486	$0.00	$423,567.00	$2,877,050.00
			$772,280.00	$1,899,580.00	$405,675.00
Program: 6060 Streets Totals:			$772,280.00	$1,899,580.00	
Division: 75 Capital Outlay Totals:			$772,280.00	$1,899,580.00	
Department: 52 Public Works Totals:			$772,280.00	$1,899,580.00	
Fund Totals: Motor Fuel Tax Fund			$1,544,560.00	$3,799,160.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 210 Community Dev Block Grant Fund					
434 - Grants			Amended Balance as of: 10/1/2021		$466.00
	12/31/2021	2021-00007477	$0.00	$545.00	$515,195.00
	12/31/2021	2021-00007486	$0.00	$8,364.00	$506,831.00
			$0.00	$8,909.00	($8,443.00)
Department: 36 Planning & Zoning					
Division: 21 Community Development					
Program: 0000 General					
540.95 - Services Other			Amended Balance as of: 10/1/2021		$77,291.00
	12/31/2021	2021-00007475	$0.00	$545.00	$77,279.00
			$0.00	$545.00	$76,746.00
Program: 0000 General Totals:			$0.00	$545.00	
Division: 21 Community Development Totals:			$0.00	$545.00	
Department: 36 Planning & Zoning Totals:			$0.00	$545.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6040 Rights of Way Improvements					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		($52.00)
	12/31/2021	2021-00007486	$0.00	$8,364.00	$326,513.00
			$0.00	$8,364.00	($8,416.00)
Program: 6040 Rights of Way Improvements Totals:			$0.00	$8,364.00	
Division: 75 Capital Outlay Totals:			$0.00	$8,364.00	
Department: 52 Public Works Totals:			$0.00	$8,364.00	
Fund Totals: Community Dev Block Grant Fund			$0.00	$17,818.00	

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Village of Palatine

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From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 221 Federal Equitable Sharing Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$0.00
	10/19/2021	2021-00005624	$15,100.00	$0.00	$15,100.00
			$15,100.00	$0.00	$15,100.00
Department: 42 Police					
Division: 27 Crime Control & Investigation					
Program: 4201 Patrol					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$20,000.00
	10/19/2021	2021-00005624	$15,100.00	$0.00	$35,100.00
			$15,100.00	$0.00	$35,100.00
Program: 4201 Patrol Totals:			$15,100.00	$0.00	
Division: 27 Crime Control & Investigation Totals:			$15,100.00	$0.00	
Department: 42 Police Totals:			$15,100.00	$0.00	
Fund Totals: Federal Equitable Sharing Fund			$30,200.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 222 State Equitable Sharing Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$0.00
	10/19/2021	2021-00005624	$3,455.00	$0.00	$3,455.00
			$3,455.00	$0.00	$3,455.00
Department: 42 Police					
Division: 27 Crime Control & Investigation					
Program: 4201 Patrol					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$5,000.00
	10/19/2021	2021-00005624	$3,455.00	$0.00	$8,455.00
			$3,455.00	$0.00	$8,455.00
Program: 4201 Patrol Totals:			$3,455.00	$0.00	
Division: 27 Crime Control & Investigation Totals:			$3,455.00	$0.00	
Department: 42 Police Totals:			$3,455.00	$0.00	
Fund Totals: State Equitable Sharing Fund			$6,910.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 223 DUI Fines Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		($15,000.00)
	10/19/2021	2021-00005624	$17,100.00	$0.00	$2,100.00
	12/10/2021	2021-00006782	$4,035.00	$0.00	$6,135.00
			$21,135.00	$0.00	$6,135.00
Department: 42 Police					
Division: 27 Crime Control & Investigation					
Program: 4201 Patrol					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$5,000.00
	10/19/2021	2021-00005624	$17,100.00	$0.00	$22,100.00
	12/10/2021	2021-00006782	$4,035.00	$0.00	$26,135.00
			$21,135.00	$0.00	$26,135.00
Program: 4201 Patrol Totals:			$21,135.00	$0.00	
Division: 27 Crime Control & Investigation Totals:			$21,135.00	$0.00	
Department: 42 Police Totals:			$21,135.00	$0.00	
Fund Totals: DUI Fines Fund			$42,270.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 224 Foreign Fire Insurance Tax Fund					
430.40 - Shared Revenues Foreign Fire Insurance Tax			Amended Balance as of: 10/1/2021		$70,000.00
	12/31/2021	2021-00007487	$13,000.00	$0.00	$83,000.00
			$13,000.00	$0.00	$83,000.00
Department: 44 Fire					
Division: 31 Special Detail Services					
Program: 0000 General					
525.95 - Operating Supplies Other			Amended Balance as of: 10/1/2021		$70,000.00
	12/31/2021	2021-00007487	$13,000.00	$0.00	$83,000.00
			$13,000.00	$0.00	$83,000.00
Program: 0000 General Totals:			$13,000.00	$0.00	
Division: 31 Special Detail Services Totals:			$13,000.00	$0.00	
Department: 44 Fire Totals:			$13,000.00	$0.00	
Fund Totals: Foreign Fire Insurance Tax Fund			$26,000.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 233 Downtown Area TIF (TIF #3) Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		($1,493,900.00)
	12/31/2021	2021-00007477	$0.00	$36,072.00	($1,081,095.00)
	12/31/2021	2021-00007486	$0.00	$573,450.00	($1,654,545.00)
			$0.00	$609,522.00	($2,103,422.00)
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$334,659.00
	12/31/2021	2021-00007475	$0.00	$12,866.00	$721,793.00
	12/31/2021	2021-00007475	$0.00	$5,250.00	$716,543.00
	12/31/2021	2021-00007486	$0.00	$244,000.00	$472,543.00
	12/31/2021	2021-00007486	$0.00	$329,450.00	$143,093.00
			$0.00	$591,566.00	($256,907.00)
Program: 6010 Buildings & Facilities Totals:			$0.00	$591,566.00	
Program: 6060 Streets					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$50,000.00
	12/31/2021	2021-00007475	$0.00	$14,900.00	$148,088.00
	12/31/2021	2021-00007475	$0.00	$3,056.00	$145,032.00
			$0.00	$17,956.00	$32,044.00
Program: 6060 Streets Totals:			$0.00	$17,956.00	
Division: 75 Capital Outlay Totals:			$0.00	$609,522.00	
Department: 52 Public Works Totals:			$0.00	$609,522.00	
Fund Totals: Downtown Area TIF (TIF #3) Fund			$0.00	$1,219,044.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 234 Rand Corridor TIF (TIF #4) Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$1,110,378.00
	11/09/2021	2021-00006108	$162,270.00	$0.00	$1,896,263.00
	12/31/2021	2021-00007467	$22,994.00	$0.00	$1,919,257.00
	12/31/2021	2021-00007477	$0.00	$399,540.00	$1,519,717.00
	12/31/2021	2021-00007486	$0.00	$450,000.00	$1,069,717.00
			$185,264.00	$849,540.00	$446,102.00
Department: 20 Village Manager's Office					
Division: 10 Economic Development					
Program: 0000 General					
820 - TIF Development			Amended Balance as of: 10/1/2021		$600,000.00
	12/31/2021	2021-00007486	$0.00	$450,000.00	$350,000.00
			$0.00	$450,000.00	$150,000.00
Program: 0000 General Totals:			$0.00	$450,000.00	
Division: 10 Economic Development Totals:			$0.00	$450,000.00	
Department: 20 Village Manager's Office Totals:			$0.00	$450,000.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6040 Rights of Way Improvements					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$275,378.00
	11/09/2021	2021-00006108	$397,270.00	$0.00	$672,648.00
	12/31/2021	2021-00007467	$22,994.00	$0.00	$695,642.00
	12/31/2021	2021-00007475	$0.00	$368,424.00	$327,218.00
	12/31/2021	2021-00007475	$0.00	$31,116.00	$296,102.00
			$420,264.00	$399,540.00	$296,102.00
Program: 6040 Rights of Way Improvements Totals:			$420,264.00	$399,540.00	
Program: 6080 Water System					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$235,000.00
	11/09/2021	2021-00006108	$0.00	$235,000.00	$0.00
			$0.00	$235,000.00	$0.00
Program: 6080 Water System Totals:			$0.00	$235,000.00	
Division: 75 Capital Outlay Totals:			$420,264.00	$634,540.00	
Department: 52 Public Works Totals:			$420,264.00	$634,540.00	
Fund Totals: Rand Corridor TIF (TIF #4) Fund			$605,528.00	$1,934,080.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 252 Police Grant Fund					
434 - Grants			Amended Balance as of: 10/1/2021		$107,206.00
	10/18/2021	2021-00005586	$4,500.00	$0.00	$111,706.00
	12/31/2021	2021-00007480	$22,617.00	$0.00	$134,323.00
	12/31/2021	2021-00007480	$0.00	$3,085.00	$131,238.00
	12/31/2021	2021-00007480	$0.00	$2,672.00	$128,566.00
	12/31/2021	2021-00007480	$0.00	$1,844.00	$126,722.00
	12/31/2021	2021-00007480	$0.00	$275.00	$126,447.00
			$27,117.00	$7,876.00	$126,447.00
Department: 42 Police					
Division: 31 Special Detail Services					
Program: 0000 General					
500.20 - Salaries Overtime			Amended Balance as of: 10/1/2021		$107,206.00
	10/18/2021	2021-00005586	$4,500.00	$0.00	$111,706.00
	12/31/2021	2021-00007480	$22,617.00	$0.00	$134,323.00
	12/31/2021	2021-00007480	$0.00	$3,085.00	$131,238.00
	12/31/2021	2021-00007480	$0.00	$2,672.00	$128,566.00
	12/31/2021	2021-00007480	$0.00	$1,844.00	$126,722.00
	12/31/2021	2021-00007480	$0.00	$275.00	$126,447.00
			$27,117.00	$7,876.00	$126,447.00
Program: 0000 General Totals:			$27,117.00	$7,876.00	
Division: 31 Special Detail Services Totals:			$27,117.00	$7,876.00	
Department: 42 Police Totals:			$27,117.00	$7,876.00	
Fund Totals: Police Grant Fund			$54,234.00	$15,752.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 255 CDBG - CV Fund					
434 - Grants			Amended Balance as of: 10/1/2021		$717,041.00
	12/31/2021	2021-00007477	$0.00	$53,700.00	$663,341.00
	12/31/2021	2021-00007486	$0.00	$317,651.00	$345,690.00
			$0.00	$371,351.00	$345,690.00
Department: 30 Finance & Operations					
Division: 80 Interfund Transfers					
Program: 0000 General					
540.90 - Services Administrative Service Charge			Amended Balance as of: 10/1/2021		$10,000.00
	12/31/2021	2021-00007486	$0.00	$10,000.00	$0.00
			$0.00	$10,000.00	$0.00
Program: 0000 General Totals:			$0.00	$10,000.00	
Division: 80 Interfund Transfers Totals:			$0.00	$10,000.00	
Department: 30 Finance & Operations Totals:			$0.00	$10,000.00	
Department: 36 Planning & Zoning					
Division: 10 Economic Development					
Program: 0000 General					
540.95 - Services Other			Amended Balance as of: 10/1/2021		$214,000.00
	12/31/2021	2021-00007486	$0.00	$27,729.00	$186,271.00
			$0.00	$27,729.00	$186,271.00
Program: 0000 General Totals:			$0.00	$27,729.00	
Division: 10 Economic Development Totals:			$0.00	$27,729.00	
Division: 21 Community Development					
Program: 0000 General					
540.95 - Services Other			Amended Balance as of: 10/1/2021		$493,041.00
	12/31/2021	2021-00007475	$0.00	$53,700.00	$439,341.00
	12/31/2021	2021-00007486	$0.00	$279,922.00	$159,419.00
			$0.00	$333,622.00	$159,419.00
Program: 0000 General Totals:			$0.00	$333,622.00	
Division: 21 Community Development Totals:			$0.00	$333,622.00	
Department: 36 Planning & Zoning Totals:			$0.00	$361,351.00	
Fund Totals: CDBG - CV Fund			$0.00	$742,702.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 300 Debt Service Fund					
481 - Interfund Transfers In			Amended Balance as of: 10/1/2021		$0.00
	12/31/2021	2021-00007487	$22,500.00	$0.00	$22,500.00
			$22,500.00	$0.00	$22,500.00
Department: 30 Finance & Operations					
Division: 70 Debt Service					
Program: 3099 Capital Leases					
705 - Principal			Amended Balance as of: 10/1/2021		$0.00
	12/31/2021	2021-00007487	$22,500.00	$0.00	$22,500.00
			$22,500.00	$0.00	$22,500.00
Program: 3099 Capital Leases Totals:			$22,500.00	$0.00	
Division: 70 Debt Service Totals:			$22,500.00	$0.00	
Department: 30 Finance & Operations Totals:			$22,500.00	$0.00	
Fund Totals: Debt Service Fund			$45,000.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 401 Capital Equipment Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$126,542.00
	12/31/2021	2021-00007477	$0.00	$879,077.00	($752,535.00)
	12/31/2021	2021-00007486	$0.00	$81,902.00	($834,437.00)
			$0.00	$960,979.00	($834,437.00)
Department: 38 Information Technology					
Division: 75 Capital Outlay					
Program: 6030 Technology					
640 - Technology			Amended Balance as of: 10/1/2021		$186,914.00
	12/31/2021	2021-00007475	$0.00	$4,343.00	$454,521.00
	12/31/2021	2021-00007475	$0.00	$3,342.00	$451,179.00
	12/31/2021	2021-00007486	$0.00	$2,000.00	$449,179.00
	12/31/2021	2021-00007486	$0.00	$9,000.00	$440,179.00
	12/31/2021	2021-00007486	$0.00	$30,000.00	$410,179.00
	12/31/2021	2021-00007486	$0.00	$15,000.00	$395,179.00
			$0.00	$63,685.00	$123,229.00
Program: 6030 Technology Totals:			$0.00	$63,685.00	
Division: 75 Capital Outlay Totals:			$0.00	$63,685.00	
Department: 38 Information Technology Totals:			$0.00	$63,685.00	
Department: 42 Police					
Division: 75 Capital Outlay					
Program: 6070 Vehicles & Equipment					
625 - Motor Vehicles			Amended Balance as of: 10/1/2021		$232,485.00
	10/27/2021	2021-00005803	$978.00	$0.00	$298,498.00
	12/31/2021	2021-00007475	$0.00	$36,392.00	$262,106.00
			$978.00	$36,392.00	$197,071.00
Program: 6070 Vehicles & Equipment Totals:			$978.00	$36,392.00	
Division: 75 Capital Outlay Totals:			$978.00	$36,392.00	
Department: 42 Police Totals:			$978.00	$36,392.00	
Department: 44 Fire					
Division: 75 Capital Outlay					
Program: 6070 Vehicles & Equipment					
625 - Motor Vehicles			Amended Balance as of: 10/1/2021		$0.00
	12/31/2021	2021-00007475	$0.00	$255,406.00	$71,984.00
	12/31/2021	2021-00007486	$0.00	$15,902.00	$56,082.00
			$0.00	$271,308.00	($271,308.00)
Program: 6070 Vehicles & Equipment Totals:			$0.00	$271,308.00	
Division: 75 Capital Outlay Totals:			$0.00	$271,308.00	
Department: 44 Fire Totals:			$0.00	$271,308.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6070 Vehicles & Equipment					
625 - Motor Vehicles			Amended Balance as of: 10/1/2021		($32,807.00)
	10/27/2021	2021-00005803	$0.00	$978.00	$760,350.00
	12/31/2021	2021-00007475	$0.00	$579,594.00	$180,756.00
			$0.00	$580,572.00	($613,379.00)
635 - Office and Other Equipment			Amended Balance as of: 10/1/2021		$5,000.00
	12/31/2021	2021-00007486	$0.00	$10,000.00	$0.00
			$0.00	$10,000.00	($5,000.00)
Program: 6070 Vehicles & Equipment Totals:			$0.00	$590,572.00	
Division: 75 Capital Outlay Totals:			$0.00	$590,572.00	
Department: 52 Public Works Totals:			$0.00	$590,572.00	
Fund Totals: Capital Equipment Fund			$978.00	$1,922,936.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 402 Capital Improvement Fund					
434 - Grants			Amended Balance as of: 10/1/2021		$213,507.00
	12/31/2021	2021-00007486	$0.00	$165,000.00	$163,507.00
	12/31/2021	2021-00007486	$0.00	$17,267.00	$146,240.00
			$0.00	$182,267.00	$31,240.00
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$358,815.00
	12/31/2021	2021-00007467	$20,332.00	$0.00	$379,147.00
	12/31/2021	2021-00007477	$0.00	$371,951.00	$7,196.00
	12/31/2021	2021-00007486	$0.00	$349,052.00	($341,856.00)
			$20,332.00	$721,003.00	($341,856.00)
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6040 Rights of Way Improvements					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$69,521.00
	10/06/2021	2021-00005352	$2,037.00	$0.00	$85,558.00
	11/29/2021	2021-00006463	$7,703.00	$0.00	$93,261.00
			$9,740.00	$0.00	$79,261.00
Program: 6040 Rights of Way Improvements Totals:			$9,740.00	$0.00	
Program: 6060 Streets					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$913,795.00
	10/06/2021	2021-00005352	$0.00	$2,037.00	$1,372,046.00
	11/29/2021	2021-00006463	$0.00	$7,703.00	$1,364,343.00
	12/31/2021	2021-00007467	$20,332.00	$0.00	$1,384,675.00
	12/31/2021	2021-00007475	$0.00	$200,250.00	$1,184,425.00
	12/31/2021	2021-00007475	$0.00	$171,701.00	$1,012,724.00
	12/31/2021	2021-00007486	$0.00	$23,565.00	$989,159.00
	12/31/2021	2021-00007486	$0.00	$90,160.00	$898,999.00
	12/31/2021	2021-00007486	$0.00	$417,594.00	$481,405.00
			$20,332.00	$913,010.00	$21,117.00
Program: 6060 Streets Totals:			$20,332.00	$913,010.00	
Division: 75 Capital Outlay Totals:			$30,072.00	$913,010.00	
Department: 52 Public Works Totals:			$30,072.00	$913,010.00	
Fund Totals: Capital Improvement Fund			$50,404.00	$1,816,280.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 605 Waterworks Fund					
474.05 - Other Misc Reimbursements/Refunds			Amended Balance as of: 10/1/2021		$900,000.00
	11/09/2021	2021-00006109	$143,978.00	$0.00	$1,043,978.00
	11/09/2021	2021-00006109	$71,989.00	$0.00	$1,115,967.00
	12/31/2021	2021-00007237	$8,325.00	$0.00	$1,124,292.00
	12/31/2021	2021-00007237	$4,163.00	$0.00	$1,128,455.00
			$228,455.00	$0.00	$1,128,455.00
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$932,545.00
	11/09/2021	2021-00006109	$71,989.00	$0.00	$3,656,054.00
	12/31/2021	2021-00007237	$4,162.00	$0.00	$3,660,216.00
	12/31/2021	2021-00007467	$194,185.00	$0.00	$3,854,401.00
	12/31/2021	2021-00007477	$0.00	$2,063,636.00	$1,790,765.00
	12/31/2021	2021-00007486	$0.00	$677,924.00	$1,112,841.00
			$270,336.00	$2,741,560.00	($1,538,679.00)

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 30 Finance & Operations					
Division: 11 Accounting Services					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$0.00
	12/17/2021	2021-00006999	$340.00	$0.00	$340.00
			$340.00	$0.00	$340.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,275.00
	12/17/2021	2021-00006999	$5.00	$0.00	$1,280.00
			$5.00	$0.00	$1,280.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$5,435.00
	12/17/2021	2021-00006999	$25.00	$0.00	$5,460.00
			$25.00	$0.00	$5,460.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$10,515.00
	12/17/2021	2021-00006999	$45.00	$0.00	$10,560.00
			$45.00	$0.00	$10,560.00
Program: 0000 General Totals:			$415.00	$0.00	
Division: 11 Accounting Services Totals:			$415.00	$0.00	
Division: 12 Billing & Collections					
Program: 3022 Utility Billing					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$550.00
	12/17/2021	2021-00006999	$485.00	$0.00	$1,035.00
			$485.00	$0.00	$1,035.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,900.00
	12/17/2021	2021-00006999	$10.00	$0.00	$1,910.00
			$10.00	$0.00	$1,910.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$8,080.00
	12/17/2021	2021-00006999	$30.00	$0.00	$8,110.00
			$30.00	$0.00	$8,110.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$15,635.00
	12/17/2021	2021-00006999	$60.00	$0.00	$15,695.00
			$60.00	$0.00	$15,695.00
Program: 3022 Utility Billing Totals:			$585.00	$0.00	
Division: 12 Billing & Collections Totals:			$585.00	$0.00	
Department: 30 Finance & Operations Totals:			$1,000.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 34 Human Resources					
Division: 17 Village Wide Benefit Programs					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$2,500.00
	12/17/2021	2021-00006964	$0.00	$1,000.00	$1,500.00
	12/17/2021	2021-00006999	$0.00	$5,140.00	($3,640.00)
	12/17/2021	2021-00006999	$3,640.00	$0.00	$0.00
			$3,640.00	$6,140.00	$0.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$40.00
	12/17/2021	2021-00006964	$0.00	$20.00	$20.00
	12/17/2021	2021-00006999	$0.00	$95.00	($75.00)
	12/17/2021	2021-00006999	$75.00	$0.00	$0.00
			$75.00	$115.00	$0.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$155.00
	12/17/2021	2021-00006964	$0.00	$70.00	$85.00
	12/17/2021	2021-00006999	$0.00	$340.00	($255.00)
	12/17/2021	2021-00006999	$255.00	$0.00	$0.00
			$255.00	$410.00	$0.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$300.00
	12/17/2021	2021-00006964	$0.00	$60.00	$240.00
	12/17/2021	2021-00006999	$0.00	$630.00	($390.00)
	12/17/2021	2021-00006999	$390.00	$0.00	$0.00
			$390.00	$690.00	$0.00
Program: 0000 General Totals:			$4,360.00	$7,355.00	
Division: 17 Village Wide Benefit Programs Totals:			$4,360.00	$7,355.00	
Department: 34 Human Resources Totals:			$4,360.00	$7,355.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 38 Information Technology					
Division: 75 Capital Outlay					
Program: 6030 Technology					
640 - Technology			Amended Balance as of: 10/1/2021		$34,000.00
	12/31/2021	2021-00007378	$0.00	$32,500.00	($5,500.00)
			$0.00	$32,500.00	$1,500.00
Program: 6030 Technology Totals:			$0.00	$32,500.00	
Division: 75 Capital Outlay Totals:			$0.00	$32,500.00	
Department: 38 Information Technology Totals:			$0.00	$32,500.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 52 Public Works					
Division: 01 Administration					
Program: 0000 General					
520.05 - Office Supplies General			Amended Balance as of: 10/1/2021		$1,808.00
	12/31/2021	2021-00007475	$0.00	$1,785.00	$4,723.00
			$0.00	$1,785.00	$23.00
Program: 0000 General Totals:			$0.00	$1,785.00	
Division: 01 Administration Totals:			$0.00	$1,785.00	
Division: 38 Building, Grounds, Electrical					
Program: 5201 Buildings & Grounds Maintenance					
525.05 - Operating Supplies Custodial			Amended Balance as of: 10/1/2021		$12,000.00
	12/31/2021	2021-00007475	$0.00	$3,511.00	$8,489.00
			$0.00	$3,511.00	$8,489.00
Program: 5201 Buildings & Grounds Maintenance Totals:			$0.00	$3,511.00	
Division: 38 Building, Grounds, Electrical Totals:			$0.00	$3,511.00	
Division: 40 Utilities					
Program: 5223 Water System Maintenance					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$22,500.00
	12/17/2021	2021-00006964	$1,000.00	$0.00	$23,500.00
	12/17/2021	2021-00006999	$3,540.00	$0.00	$27,040.00
	12/17/2021	2021-00006999	$0.00	$3,640.00	$23,400.00
			$4,540.00	$3,640.00	$23,400.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$11,245.00
	12/17/2021	2021-00006964	$20.00	$0.00	$11,265.00
	12/17/2021	2021-00006999	$65.00	$0.00	$11,330.00
	12/17/2021	2021-00006999	$0.00	$75.00	$11,255.00
			$85.00	$75.00	$11,255.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$48,005.00
	12/17/2021	2021-00006964	$70.00	$0.00	$48,075.00
	12/17/2021	2021-00006999	$235.00	$0.00	$48,310.00
	12/17/2021	2021-00006999	$0.00	$255.00	$48,055.00
			$305.00	$255.00	$48,055.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$92,815.00
	12/17/2021	2021-00006964	$60.00	$0.00	$92,875.00
	12/17/2021	2021-00006999	$430.00	$0.00	$93,305.00
	12/17/2021	2021-00006999	$0.00	$390.00	$92,915.00
			$490.00	$390.00	$92,915.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
530.30 - R&M Supplies Utility System			Amended Balance as of: 10/1/2021		$140,000.00
	11/18/2021	2021-00006315	$5,000.00	$0.00	$170,700.00
	12/31/2021	2021-00007475	$0.00	$18,200.00	$152,500.00
			$5,000.00	$18,200.00	$126,800.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$6,403.00
	12/31/2021	2021-00007475	$0.00	$23,603.00	$71,480.00
			$0.00	$23,603.00	($17,200.00)
560.25 - Utility Services Refuse Disposal			Amended Balance as of: 10/1/2021		$30,000.00
	12/30/2021	2021-00007187	$0.00	$4,587.00	$10,413.00
			$0.00	$4,587.00	$25,413.00
565.30 - Repair and Maintenance Utility System			Amended Balance as of: 10/1/2021		$11,862.00
	11/18/2021	2021-00006315	$0.00	$5,000.00	$34,462.00
	12/08/2021	2021-00006730	$0.00	$1,493.00	$32,969.00
	12/30/2021	2021-00007187	$4,587.00	$0.00	$37,556.00
	12/31/2021	2021-00007475	$0.00	$9,950.00	$27,606.00
			$4,587.00	$16,443.00	$6.00
565.35 - Repair and Maintenance Software			Amended Balance as of: 10/1/2021		$4,500.00
	12/08/2021	2021-00006730	$1,493.00	$0.00	$5,993.00
			$1,493.00	$0.00	$5,993.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$10,000.00
	12/31/2021	2021-00007475	$0.00	$3,005.00	$6,995.00
			$0.00	$3,005.00	$6,995.00
Program: 5223 Water System Maintenance Totals:			$16,500.00	$70,198.00	
Division: 40 Utilities Totals:			$16,500.00	$70,198.00	
Division: 43 Engineering					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,000.00
	12/17/2021	2021-00006999	$775.00	$0.00	$1,775.00
			$775.00	$0.00	$1,775.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,465.00
	12/17/2021	2021-00006999	$15.00	$0.00	$1,480.00
			$15.00	$0.00	$1,480.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$6,255.00
	12/17/2021	2021-00006999	$50.00	$0.00	$6,445.00
			$50.00	$0.00	$6,305.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$215.00
	12/17/2021	2021-00006999	$95.00	$0.00	$12,370.00
			$95.00	$0.00	$310.00
Program: 0000 General Totals:			$935.00	$0.00	
Division: 43 Engineering Totals:			$935.00	$0.00	
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 10/1/2021		$323,747.00
	12/31/2021	2021-00007475	$0.00	$1,154.00	$322,593.00
	12/31/2021	2021-00007475	$0.00	$28,715.00	$293,878.00
	12/31/2021	2021-00007486	$0.00	$190,300.00	$103,578.00
			$0.00	$220,169.00	$103,578.00
620 - Heavy Machinery			Amended Balance as of: 10/1/2021		$62,250.00
	12/31/2021	2021-00007475	$0.00	$6,638.00	$55,612.00
	12/31/2021	2021-00007486	$0.00	$30,769.00	$24,843.00
			$0.00	$37,407.00	$24,843.00
Program: 6010 Buildings & Facilities Totals:			$0.00	$257,576.00	
Program: 6030 Technology					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$75,980.00
	12/31/2021	2021-00007378	$32,500.00	$0.00	$138,480.00
	12/31/2021	2021-00007475	$0.00	$69,040.00	$69,440.00
			$32,500.00	$69,040.00	$39,440.00
640 - Technology			Amended Balance as of: 10/1/2021		$100,000.00
	12/31/2021	2021-00007475	$0.00	$10,699.00	$89,301.00
	12/31/2021	2021-00007486	$0.00	$28,355.00	$60,946.00
			$0.00	$39,054.00	$60,946.00
Program: 6030 Technology Totals:			$32,500.00	$108,094.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Program: 6080 Water System					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$2,030,287.00
	10/15/2021	2021-00005563	$37,200.00	$0.00	$6,971,527.00
	10/15/2021	2021-00005563	$0.00	$37,200.00	$6,934,327.00
	11/09/2021	2021-00006109	$287,309.00	$0.00	$7,221,636.00
	11/09/2021	2021-00006109	$0.00	$287,309.00	$6,934,327.00
	11/09/2021	2021-00006109	$71,989.00	$0.00	$7,006,316.00
	11/09/2021	2021-00006109	$143,978.00	$0.00	$7,150,294.00
	11/09/2021	2021-00006109	$71,989.00	$0.00	$7,222,283.00
	11/10/2021	2021-00006147	$227,413.00	$0.00	$7,449,696.00
	11/10/2021	2021-00006147	$0.00	$227,413.00	$7,222,283.00
	11/11/2021	2021-00006144	$0.00	$62,512.00	$7,159,771.00
	11/11/2021	2021-00006144	$371,826.00	$0.00	$7,531,597.00
	11/11/2021	2021-00006144	$0.00	$59,023.00	$7,472,574.00
	11/11/2021	2021-00006144	$0.00	$250,291.00	$7,222,283.00
	11/29/2021	2021-00006448	$0.00	$950.00	$7,221,333.00
	11/29/2021	2021-00006448	$950.00	$0.00	$7,222,283.00
	12/31/2021	2021-00007237	$16,650.00	$0.00	$7,238,933.00
	12/31/2021	2021-00007463	$0.00	$4,196.00	$7,234,737.00
	12/31/2021	2021-00007463	$0.00	$9,009.00	$7,225,728.00
	12/31/2021	2021-00007463	$14,325.00	$0.00	$7,240,053.00
	12/31/2021	2021-00007463	$0.00	$1,120.00	$7,238,933.00
	12/31/2021	2021-00007467	$58,507.00	$0.00	$7,297,440.00
	12/31/2021	2021-00007467	$135,678.00	$0.00	$7,433,118.00
	12/31/2021	2021-00007475	$0.00	$1,843,158.00	$5,589,960.00
	12/31/2021	2021-00007475	$0.00	$44,178.00	$5,545,782.00
	12/31/2021	2021-00007486	$0.00	$375,000.00	$5,170,782.00
	12/31/2021	2021-00007486	$0.00	$53,500.00	$5,117,282.00
			$1,437,814.00	$3,254,859.00	$213,242.00
Program: 6080 Water System Totals:			$1,437,814.00	$3,254,859.00	
Division: 75 Capital Outlay Totals:			$1,470,314.00	$3,620,529.00	
Department: 52 Public Works Totals:			$1,487,749.00	$3,696,023.00	
Fund Totals: Waterworks Fund			$1,991,900.00	$6,477,438.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 610 Sewerage Fund					
434 - Grants			Amended Balance as of: 10/1/2021		$120,000.00
	10/19/2021	2021-00005608	$0.00	$27,908.00	$590,000.00
	12/31/2021	2021-00007486	$0.00	$350,000.00	$240,000.00
	12/31/2021	2021-00007486	$0.00	$98,515.00	$141,485.00
			$0.00	$476,423.00	($356,423.00)
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		($450,032.00)
	10/19/2021	2021-00005608	$27,908.00	$0.00	$2,603,914.00
	12/31/2021	2021-00007467	$13,460.00	$0.00	$2,617,374.00
	12/31/2021	2021-00007477	$0.00	$220,598.00	$2,396,776.00
	12/31/2021	2021-00007486	$0.00	$3,006,654.00	($609,878.00)
			$41,368.00	$3,227,252.00	($3,635,916.00)

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 34 Human Resources					
Division: 17 Village Wide Benefit Programs					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$500.00
	12/17/2021	2021-00006999	$0.00	$1,705.00	($1,205.00)
	12/17/2021	2021-00006999	$1,205.00	$0.00	$0.00
			$1,205.00	$1,705.00	$0.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$10.00
	12/17/2021	2021-00006999	$0.00	$30.00	($20.00)
	12/17/2021	2021-00006999	$20.00	$0.00	$0.00
			$20.00	$30.00	$0.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$35.00
	12/17/2021	2021-00006999	$0.00	$115.00	($80.00)
	12/17/2021	2021-00006999	$80.00	$0.00	$0.00
			$80.00	$115.00	$0.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$60.00
	12/17/2021	2021-00006999	$0.00	$210.00	($150.00)
	12/17/2021	2021-00006999	$150.00	$0.00	$0.00
			$150.00	$210.00	$0.00
Program: 0000 General Totals:			$1,455.00	$2,060.00	
Division: 17 Village Wide Benefit Programs Totals:			$1,455.00	$2,060.00	
Department: 34 Human Resources Totals:			$1,455.00	$2,060.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 52 Public Works					
Division: 40 Utilities					
Program: 5221 Sanitary System Maintenance					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$1,750.00
	12/17/2021	2021-00006999	$0.00	$1,205.00	$545.00
			$0.00	$1,205.00	$545.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$4,840.00
	12/17/2021	2021-00006999	$0.00	$20.00	$4,820.00
			$0.00	$20.00	$4,820.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$20,640.00
	12/17/2021	2021-00006999	$0.00	$80.00	$20,560.00
			$0.00	$80.00	$20,560.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$39,950.00
	12/17/2021	2021-00006999	$0.00	$150.00	$39,800.00
			$0.00	$150.00	$39,800.00
525.35 - Operating Supplies Clothing			Amended Balance as of: 10/1/2021		$2,400.00
	11/17/2021	2021-00006279	$0.00	$700.00	$1,700.00
			$0.00	$700.00	$1,700.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$3,200.00
	11/17/2021	2021-00006279	$0.00	$321.00	$1,432.00
			$0.00	$321.00	$2,879.00
Program: 5221 Sanitary System Maintenance Totals:			$0.00	$2,476.00	
Program: 5222 Storm System Maintenance					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$750.00
	12/17/2021	2021-00006999	$650.00	$0.00	$1,400.00
			$650.00	$0.00	$1,400.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$1,305.00
	12/17/2021	2021-00006999	$10.00	$0.00	$1,315.00
			$10.00	$0.00	$1,315.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$5,560.00
	12/17/2021	2021-00006999	$45.00	$0.00	$5,605.00
			$45.00	$0.00	$5,605.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$10,760.00
	12/17/2021	2021-00006999	$80.00	$0.00	$10,840.00
			$80.00	$0.00	$10,840.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
525.35 - Operating Supplies Clothing			Amended Balance as of: 10/1/2021		$1,340.00
	11/17/2021	2021-00006279	$0.00	$629.00	$711.00
			$0.00	$629.00	$711.00
530.30 - R&M Supplies Utility System			Amended Balance as of: 10/1/2021		$13,250.00
	12/30/2021	2021-00007186	$387.00	$0.00	$13,637.00
	12/31/2021	2021-00007475	$0.00	$2,141.00	$11,496.00
			$387.00	$2,141.00	$11,496.00
540.25 - Services Engineering			Amended Balance as of: 10/1/2021		$14,000.00
	12/31/2021	2021-00007475	$0.00	$16,257.00	$14,499.00
			$0.00	$16,257.00	($2,257.00)
540.95 - Services Other			Amended Balance as of: 10/1/2021		($8,000.00)
	11/17/2021	2021-00006279	$1,650.00	$0.00	$5,150.00
			$1,650.00	$0.00	($6,350.00)
565.30 - Repair and Maintenance Utility System			Amended Balance as of: 10/1/2021		$9,000.00
	12/30/2021	2021-00007186	$0.00	$387.00	$8,613.00
			$0.00	$387.00	$8,613.00
Program: 5222 Storm System Maintenance Totals:			$2,822.00	$19,414.00	
Division: 40 Utilities Totals:			$2,822.00	$21,890.00	
Division: 43 Engineering					
Program: 0000 General					
500.25 - Salaries Special Compensation			Amended Balance as of: 10/1/2021		$3,350.00
	12/17/2021	2021-00006999	$1,055.00	$0.00	$4,405.00
			$1,055.00	$0.00	$4,405.00
510.10 - Taxes & Benefits Medicare			Amended Balance as of: 10/1/2021		$2,010.00
	12/17/2021	2021-00006999	$20.00	$0.00	$2,030.00
			$20.00	$0.00	$2,030.00
510.15 - Taxes & Benefits Social Security			Amended Balance as of: 10/1/2021		$8,585.00
	12/17/2021	2021-00006999	$70.00	$0.00	$8,775.00
			$70.00	$0.00	$8,655.00
510.20 - Taxes & Benefits IMRF Er Contribution			Amended Balance as of: 10/1/2021		$185.00
	12/17/2021	2021-00006999	$130.00	$0.00	$16,925.00
			$130.00	$0.00	$315.00
540.25 - Services Engineering			Amended Balance as of: 10/1/2021		$22,500.00
	12/31/2021	2021-00007475	$0.00	$3,990.00	$18,510.00
			$0.00	$3,990.00	$18,510.00
Program: 0000 General Totals:			$1,275.00	$3,990.00	
Division: 43 Engineering Totals:			$1,275.00	$3,990.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 10/1/2021		$70,000.00
	12/31/2021	2021-00007475	$0.00	$1,154.00	$68,846.00
			$0.00	$1,154.00	$68,846.00
Program: 6010 Buildings & Facilities Totals:			$0.00	$1,154.00	
Program: 6020 Flood Control					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$650,000.00
	10/19/2021	2021-00005638	$0.00	$900.00	$1,439,394.00
	10/19/2021	2021-00005638	$900.00	$0.00	$1,440,294.00
	11/11/2021	2021-00006181	$2,800.00	$0.00	$1,443,094.00
	11/11/2021	2021-00006181	$0.00	$2,800.00	$1,440,294.00
	12/29/2021	2021-00007159	$0.00	$22,500.00	$1,417,794.00
	12/29/2021	2021-00007159	$22,500.00	$0.00	$1,440,294.00
	12/31/2021	2021-00007467	$7,409.00	$0.00	$1,447,703.00
	12/31/2021	2021-00007467	$6,051.00	$0.00	$1,453,754.00
	12/31/2021	2021-00007475	$0.00	$76,221.00	$1,377,533.00
	12/31/2021	2021-00007475	$0.00	$120,835.00	$1,256,698.00
	12/31/2021	2021-00007486	$0.00	$500,375.00	$756,323.00
	12/31/2021	2021-00007486	$0.00	$146,150.00	$610,173.00
	12/31/2021	2021-00007486	$0.00	$22,500.00	$587,673.00
	12/31/2021	2021-00007486	$0.00	$175,508.00	$412,165.00
			$39,660.00	$1,067,789.00	($378,129.00)
Program: 6020 Flood Control Totals:			$39,660.00	$1,067,789.00	
Program: 6050 Sanitary Sewer System					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$150,000.00
	12/31/2021	2021-00007486	$0.00	$2,360,636.00	$400,000.00
	12/31/2021	2021-00007486	$0.00	$250,000.00	$150,000.00
			$0.00	$2,610,636.00	($2,460,636.00)
Program: 6050 Sanitary Sewer System Totals:			$0.00	$2,610,636.00	
Division: 75 Capital Outlay Totals:			$39,660.00	$3,679,579.00	
Department: 52 Public Works Totals:			$43,757.00	$3,705,459.00	
Fund Totals: Sewerage Fund			$86,580.00	$7,411,194.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 615 Refuse Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		($3,100.00)
	12/31/2021	2021-00007487	$418,060.00	$0.00	$414,960.00
			$418,060.00	$0.00	$414,960.00
Department: 52 Public Works					
Division: 40 Utilities					
Program: 5225 Refuse & Recycling					
560.20 - Utility Services Refuse Collection			Amended Balance as of: 10/1/2021		$2,673,065.00
	12/31/2021	2021-00007487	$346,025.00	$0.00	$3,019,090.00
			$346,025.00	$0.00	$3,019,090.00
560.25 - Utility Services Refuse Disposal			Amended Balance as of: 10/1/2021		$1,200,320.00
	12/31/2021	2021-00007487	$72,035.00	$0.00	$1,272,355.00
			$72,035.00	$0.00	$1,272,355.00
Program: 5225 Refuse & Recycling Totals:			$418,060.00	$0.00	
Division: 40 Utilities Totals:			$418,060.00	$0.00	
Department: 52 Public Works Totals:			$418,060.00	$0.00	
Fund Totals: Refuse Fund			$836,120.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 620 Parking System Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$288,905.00
	12/31/2021	2021-00007477	$0.00	$63,961.00	$261,435.00
			$0.00	$63,961.00	$224,944.00
Department: 30 Finance & Operations					
Division: 12 Billing & Collections					
Program: 3023 Commuter Parking					
550.15 - Printing/Advertising Outside Printing Services			Amended Balance as of: 10/1/2021		$330.00
	11/30/2021	2021-00006504	$380.00	$0.00	$710.00
			$380.00	$0.00	$710.00
570.20 - Rental Buildings			Amended Balance as of: 10/1/2021		$54,900.00
	11/30/2021	2021-00006504	$0.00	$380.00	$54,520.00
			$0.00	$380.00	$54,520.00
Program: 3023 Commuter Parking Totals:			$380.00	$380.00	
Division: 12 Billing & Collections Totals:			$380.00	$380.00	
Department: 30 Finance & Operations Totals:			$380.00	$380.00	
Department: 52 Public Works					
Division: 38 Building, Grounds, Electrical					
Program: 5201 Buildings & Grounds Maintenance					
540.95 - Services Other			Amended Balance as of: 10/1/2021		$90,395.00
	12/30/2021	2021-00007193	$0.00	$14,469.00	$75,926.00
			$0.00	$14,469.00	$75,926.00
565.15 - Repair and Maintenance Buildings			Amended Balance as of: 10/1/2021		$52,020.00
	12/30/2021	2021-00007193	$14,469.00	$0.00	$70,540.00
	12/31/2021	2021-00007475	$0.00	$32,330.00	$38,210.00
			$14,469.00	$32,330.00	$34,159.00
Program: 5201 Buildings & Grounds Maintenance Totals:			$14,469.00	$46,799.00	
Division: 38 Building, Grounds, Electrical Totals:			$14,469.00	$46,799.00	
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 10/1/2021		$20,000.00
	12/31/2021	2021-00007475	$0.00	$31,631.00	$20,000.00
			$0.00	$31,631.00	($11,631.00)
Program: 6010 Buildings & Facilities Totals:			$0.00	$31,631.00	
Division: 75 Capital Outlay Totals:			$0.00	$31,631.00	
Department: 52 Public Works Totals:			$14,469.00	$78,430.00	
Fund Totals: Parking System Fund			$14,849.00	$142,771.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 701 Health Insurance Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$0.00
	12/31/2021	2021-00007487	$808,100.00	$0.00	$808,100.00
			$808,100.00	$0.00	$808,100.00
Department: 34 Human Resources					
Division: 18 Health Insurance Program					
Program: 0000 General					
555.05 - Insurance Health Premiums			Amended Balance as of: 10/1/2021		$0.00
	12/31/2021	2021-00007487	$808,100.00	$0.00	$808,100.00
			$808,100.00	$0.00	$808,100.00
Program: 0000 General Totals:			$808,100.00	$0.00	
Division: 18 Health Insurance Program Totals:			$808,100.00	$0.00	
Department: 34 Human Resources Totals:			$808,100.00	$0.00	
Fund Totals: Health Insurance Fund			$1,616,200.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 702 Liability Insurance Fund					
Department: 34 Human Resources					
Division: 19 Liability Insurance Program					
Program: 0000 General					
555.10 - Insurance Liability Premiums			Amended Balance as of: 10/1/2021		$596,500.00
	10/29/2021	2021-00005864	$8,611.00	$0.00	$615,722.00
			$8,611.00	$0.00	$605,111.00
555.45 - Insurance Work Comp Claims			Amended Balance as of: 10/1/2021		$695,000.00
	10/29/2021	2021-00005864	$0.00	$8,611.00	$686,389.00
			$0.00	$8,611.00	$686,389.00
Program: 0000 General Totals:			$8,611.00	$8,611.00	
Division: 19 Liability Insurance Program Totals:			$8,611.00	$8,611.00	
Department: 34 Human Resources Totals:			$8,611.00	$8,611.00	
Fund Totals: Liability Insurance Fund			$8,611.00	$8,611.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 710 Fleet Services Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$30,000.00
	12/13/2021	2021-00006811	$125,000.00	$0.00	$167,350.00
			$125,000.00	$0.00	$155,000.00
Department: 52 Public Works					
Division: 42 Fleet Services					
Program: 0000 General					
525.15 - Operating Supplies Motor Fuel			Amended Balance as of: 10/1/2021		($8,800.00)
	12/13/2021	2021-00006811	$75,000.00	$0.00	$461,200.00
			$75,000.00	$0.00	$66,200.00
525.20 - Operating Supplies Lubricants & Additives			Amended Balance as of: 10/1/2021		$20,000.00
	10/26/2021	2021-00005765	$3,142.00	$0.00	$23,142.00
	12/13/2021	2021-00006804	$2,100.00	$0.00	$25,242.00
			$5,242.00	$0.00	$25,242.00
530.10 - R&M Supplies Vehicle Parts			Amended Balance as of: 10/1/2021		$411,000.00
	10/28/2021	2021-00005830	$1,054.00	$0.00	$382,054.00
	12/13/2021	2021-00006811	$50,000.00	$0.00	$432,054.00
	12/14/2021	2021-00006836	$0.00	$4,000.00	$428,054.00
	12/14/2021	2021-00006837	$0.00	$3,000.00	$425,054.00
	12/31/2021	2021-00007222	$0.00	$405.00	$424,649.00
	12/31/2021	2021-00007223	$0.00	$1,532.00	$423,117.00
			$51,054.00	$8,937.00	$453,117.00
540.95 - Services Other			Amended Balance as of: 10/1/2021		$12,350.00
	12/13/2021	2021-00006804	$0.00	$2,100.00	$27,750.00
	12/31/2021	2021-00007223	$1,532.00	$0.00	$29,282.00
			$1,532.00	$2,100.00	$11,782.00
560.25 - Utility Services Refuse Disposal			Amended Balance as of: 10/1/2021		$1,000.00
	12/06/2021	2021-00006680	$0.00	$300.00	$700.00
			$0.00	$300.00	$700.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 10/1/2021		$26,000.00
	10/28/2021	2021-00005830	$0.00	$1,054.00	$18,946.00
	12/14/2021	2021-00006837	$3,000.00	$0.00	$21,946.00
	12/31/2021	2021-00007222	$405.00	$0.00	$22,351.00
	12/31/2021	2021-00007333	$1,100.00	$0.00	$23,451.00
			$4,505.00	$1,054.00	$29,451.00

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
565.10 - Repair and Maintenance Vehicles			Amended Balance as of: 10/1/2021		$43,000.00
	10/12/2021	2021-00005465	$2,000.00	$0.00	$123,940.00
	12/06/2021	2021-00006681	$0.00	$599.00	$123,341.00
	12/14/2021	2021-00006836	$4,000.00	$0.00	$127,341.00
	12/31/2021	2021-00007333	$0.00	$1,100.00	$126,241.00
			$6,000.00	$1,699.00	$47,301.00
565.35 - Repair and Maintenance Software			Amended Balance as of: 10/1/2021		$9,000.00
	10/26/2021	2021-00005765	$0.00	$3,142.00	$5,858.00
	12/06/2021	2021-00006680	$300.00	$0.00	$6,158.00
	12/06/2021	2021-00006681	$599.00	$0.00	$6,757.00
			$899.00	$3,142.00	$6,757.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 10/1/2021		$12,375.00
	10/12/2021	2021-00005465	$0.00	$2,000.00	$3,375.00
			$0.00	$2,000.00	$10,375.00
Program: 0000 General Totals:			$144,232.00	$19,232.00	
Division: 42 Fleet Services Totals:			$144,232.00	$19,232.00	
Department: 52 Public Works Totals:			$144,232.00	$19,232.00	
Fund Totals: Fleet Services Fund			$269,232.00	$19,232.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 801 Police Pension Fund					
473.15 - Pension Contributions Portability/Svc Reinstate Pmts			Amended Balance as of: 10/1/2021		$51,800.00
	10/29/2021	2021-00005866	$11,065.00	$0.00	$62,865.00
	10/29/2021	2021-00005866	$47,815.00	$0.00	$110,680.00
	10/29/2021	2021-00005866	$47,720.00	$0.00	$158,400.00
			$106,600.00	$0.00	$158,400.00
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		($861,975.00)
	11/10/2021	2021-00006136	$100,000.00	$0.00	($851,670.00)
			$100,000.00	$0.00	($761,975.00)
Department: 12 Boards & Commissions					
Division: 07 Police Pension Board					
Program: 0000 General					
540.10 - Services Financial			Amended Balance as of: 10/1/2021		$300,000.00
	11/10/2021	2021-00006136	$100,000.00	$0.00	$400,000.00
			$100,000.00	$0.00	$400,000.00
805 - Refunds			Amended Balance as of: 10/1/2021		$100,000.00
	10/29/2021	2021-00005866	$11,065.00	$0.00	$162,865.00
	10/29/2021	2021-00005866	$47,815.00	$0.00	$210,680.00
	10/29/2021	2021-00005866	$47,720.00	$0.00	$258,400.00
			$106,600.00	$0.00	$206,600.00
Program: 0000 General Totals:			$206,600.00	$0.00	
Division: 07 Police Pension Board Totals:			$206,600.00	$0.00	
Department: 12 Boards & Commissions Totals:			$206,600.00	$0.00	
Fund Totals: Police Pension Fund			$413,200.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 820 Letter of Credit Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		$91,332.00
	12/31/2021	2021-00007486	$0.00	$71,462.00	$19,870.00
			$0.00	$71,462.00	$19,870.00
Department: 40 Community Development					
Division: 85 Other Charges					
Program: 0000 General					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$21,462.00
	12/31/2021	2021-00007486	$0.00	$21,462.00	$0.00
			$0.00	$21,462.00	$0.00
Program: 0000 General Totals:			$0.00	$21,462.00	
Division: 85 Other Charges Totals:			$0.00	$21,462.00	
Department: 40 Community Development Totals:			$0.00	$21,462.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 0000 General					
615 - Improvements Other Than Buildings			Amended Balance as of: 10/1/2021		$69,870.00
	12/31/2021	2021-00007486	$0.00	$50,000.00	$19,870.00
			$0.00	$50,000.00	$19,870.00
Program: 0000 General Totals:			$0.00	$50,000.00	
Division: 75 Capital Outlay Totals:			$0.00	$50,000.00	
Department: 52 Public Works Totals:			$0.00	$50,000.00	
Fund Totals: Letter of Credit Fund			$0.00	$142,924.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 10/1/2021 - To Date: 12/31/2021

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 825 Special Service Areas Fund					
474.05 - Other Misc Reimbursements/Refunds			Amended Balance as of: 10/1/2021		$0.00
	10/15/2021	2021-00005936	$4,193,000.00	$0.00	$4,193,000.00
			$4,193,000.00	$0.00	$4,193,000.00
499 - (Source)/Use of Reserves			Amended Balance as of: 10/1/2021		($4,825.00)
	10/15/2021	2021-00005936	$1,037,500.00	$0.00	$1,032,675.00
			$1,037,500.00	$0.00	$1,032,675.00
Department: 30 Finance & Operations					
Division: 70 Debt Service					
Program: 3050 SSA#5 Series 2008					
705 - Principal			Amended Balance as of: 10/1/2021		$115,000.00
	10/15/2021	2021-00005936	$5,145,000.00	$0.00	$5,260,000.00
			$5,145,000.00	$0.00	$5,260,000.00
710 - Interest			Amended Balance as of: 10/1/2021		$468,225.00
	10/15/2021	2021-00005936	$75,000.00	$0.00	$543,225.00
			$75,000.00	$0.00	$543,225.00
715 - Paying Agent Fees			Amended Balance as of: 10/1/2021		$3,000.00
	10/15/2021	2021-00005936	$500.00	$0.00	$3,500.00
	10/15/2021	2021-00005936	$10,000.00	$0.00	$13,500.00
			$10,500.00	$0.00	$13,500.00
Program: 3050 SSA#5 Series 2008 Totals:			$5,230,500.00	$0.00	
Division: 70 Debt Service Totals:			$5,230,500.00	$0.00	
Department: 30 Finance & Operations Totals:			$5,230,500.00	$0.00	
Fund Totals: Special Service Areas Fund			$10,461,000.00	$0.00	

Attachment: 4th Qtr 2021 Budget Adj Ordinance (4Q 2021 Budget Adj)

VILLAGE of PALATINE

DEPARTMENT OF FINANCE & OPERATIONS

INTEROFFICE MEMORANDUM

To: REID T. OTTESEN, VILLAGE MANAGER

From: PAUL D. MEHRING, CPA, FINANCE DIRECTOR

Subject: CY 2021 4TH QUARTER BUDGET ADJUSTMENTS & ROLLOVERS

Date: APRIL 11, 2022

The Department of Finance & Operations continues to monitor Village fiscal activities through quarterly budget reviews. This is done to identify potential problem areas and take corrective action at an early stage. The fourth quarter review is complete with several necessary adjustments to the Village's budget plan.

General Fund			
Increase -	Appropriation of New Revenue	Miscellaneous Reimbursements	17,943
Increase -	Appropriation of New Revenue	Miscellaneous Donations	1,000
			$ 18,943
Motor Fuel Tax Fund			
Increase -	Appropriation of New Revenue	Rebuild Illinois Funds	***$ 753,029***
Federal Equitable Sharing Fund			
Increase -	Appropriation of Reserves	Police Dept Expenditures	***$ 15,100***
State Equitable Sharing Fund			
Increase -	Appropriation of Reserves	Police Dept Expenditures	***$ 3,455***
DUI Fines Fund			
Increase -	Appropriation of Reserves	Police Dept Expenditures	***$ 21,135***
Foreign Fire Insurance Tax Fund			
Increase -	Appropriation of New Revenue	Fire Dept Expenditures	***$ 13,000***
Rand Corridor TIF (TIF #4) Fund			
Increase -	Appropriation of Reserves	Park Place Signal	***$ 162,270***
Police Grant Fund			
Increase -	Appropriation of New Revenue	Police Grants	***$ 19,241***
Debt Service Fund			
Increase -	Appropriation of New Revenue	Debt Service Expenditures	***$ 22,500***
Waterworks Fund			
Increase -	Appropriation of New Revenue	Other Reimbursements-Interconnect	228,455
Increase -	Appropriation of Reserves	Interconnect	76,151
			$ 304,606

Attachment: 4th Qtr 2021 Budget Adj Memo (4Q 2021 Budget Adj)

Refuse Fund			
Increase -	Appropriation of Reserves	SWANCC True-Up	***$ 418,060***
Health Insurance Fund			
Increase -	Appropriation of Reserves	Final Close-Out	***$ 808,100***
Fleet Services Fund			
Increase -	Appropriation of Reserves	Motor Fuel / Repair & Maintenance	***$ 125,000***
Police Pension Fund			
Increase -	Appropriation of Reserves	Financial Services	100,000
Increase -	Appropriation of New Revenue	Pension Transfers	106,600
			$ 206,600
Special Service Areas Fund			
Increase -	Appropriation of Reserves	Early Redemption of Bonds	1,037,500
Increase -	Appropriation of New Revenue	Early Redemption of Bonds - Reimbursement	4,193,000
			$ 5,230,500

"Appropriation of New Revenue" - increase the expenditure budget as well as the revenue budget, thus do not affect fund reserves.

The 4th Quarter Budget Adjustments also include "rollover" adjustments. Rollover Adjustments are the mechanism by which previously approved funding is moved from one year's budget to the next. This allows for the continuation of funding for multi-year projects from one budget year to the next. The rollovers appear as a reduction to the 4th Quarter budget of one year and an increase to the 1st Quarter budget of the next year.

A summary of the rollover adjustments by fund is shown below.

Budget Rollover from 2021 to 2022	
General Fund	$ (401,633)
Motor Fuel Tax Fund	(1,880,329)
CDBG Fund	(8,909)
Downtown Area TIF (TIF #3) Fund	(609,522)
Rand Corridor TIF (TIF #4) Fund	(826,546)
CDBG-CV Fund	(371,351)
Capital Equipment Fund	(960,979)
Capital Improvement Fund	(882,938)
Waterworks Fund	(2,547,375)
Sewerage Fund	(3,662,307)
Parking System Fund	(63,961)
Letter of Credit Fund	(71,462)
	$ (12,287,312)

Attachment: 4th Qtr 2021 Budget Adj Memo (4Q 2021 Budget Adj)

A summary of the year-to-date budget adjustments is presented in the table below.

		Adopted Budget	Rollover Amendments	1st Quarter Amendments	2nd Quarter Amendments	3rd Quarter Amendments	4th Quarter Amendments	Rollover Amendments	Adjusted Budget
100	General Fund	$ 62,061,116	$ 121,352	$ 7,500	$ 138,325	$ 160,465	$ 18,943	$ (401,633)	$ 62,106,068
205	Motor Fuel Tax Fund	2,471,375	779,946	-	-	753,029	753,029	(1,880,329)	2,877,050
210	CDBG Fund	515,274	545	(79)	-	-	-	(8,909)	506,831
221	Federal Equitable Sharing Fund	20,000	-	-	-	-	15,100	-	35,100
222	State Equitable Sharing Fund	5,000	-	-	-	-	3,455	-	8,455
223	DUI Fines Fund	5,000	-	-	-	-	21,135	-	26,135
224	Foreign Fire Insurance Tax Fund	70,000	-	-	-	-	13,000	-	83,000
231	Dundee Road TIF (TIF #1) Fund	-	-	-	721,200	-	-	-	721,200
232	Rand/Dundee TIF (TIF #2) Fund	-	-	-	75,000	-	-	-	75,000
233	Downtown Area TIF (TIF #3) Fund	4,858,600	448,877	-	-	-	-	(609,522)	4,697,955
234	Rand Corridor TIF (TIF #4) Fund	4,025,115	510,378	-	600,000	-	162,270	(826,546)	4,471,217
235	Rand-Lake Cook TIF (TIF #5) Fund	5,000	48,134	-	-	-	-	-	53,134
252	Police Grant Fund	-	-	112,206	(5,000)	-	19,241	-	126,447
255	CDBG-CV Fund	-	-	717,041	-	-	-	(371,351)	345,690
300	Debt Service Fund	1,279,906	-	-	-	-	22,500	-	1,302,406
401	Capital Equipment Fund	1,630,960	126,542	60,000	-	37,600	-	(960,979)	894,123
402	Capital Improvement Fund	927,795	572,322	-	-	-	-	(882,938)	617,179
605	Waterworks Fund	12,706,545	2,661,485	2,135	-	-	304,606	(2,547,375)	13,127,396
610	Sewerage Fund	4,000,348	3,522,101	1,845	-	-	-	(3,662,307)	3,861,987
615	Refuse Fund	4,506,385	-	-	-	-	418,060	-	4,924,445
620	Parking System Fund	582,905	36,491	-	-	-	-	(63,961)	555,435
701	Health Insurance Fund	-	-	-	-	-	808,100	-	808,100
702	Liability Insurance Fund	1,974,850	29,902	-	-	-	-	-	2,004,752
710	Fleet Services Fund	1,796,265	12,350	-	-	-	125,000	-	1,933,615
801	Police Pension Fund	7,026,000	-	-	51,800	-	206,600	-	7,284,400
802	Fire Pension Fund	7,093,500	-	-	-	-	-	-	7,093,500
820	Letter of Credit Fund	-	91,332	-	-	-	-	(71,462)	19,870
825	Special Service Areas Fund	586,225	-	-	-	-	5,230,500	-	5,816,725
		$ 118,148,164	**$ 8,961,757**	**$ 900,648**	**$ 1,581,325**	**$ 951,094**	**$ 8,121,539**	**$ (12,287,312)**	**$ 126,377,215**

Attachment: 4th Qtr 2021 Budget Adj Memo (4Q 2021 Budget Adj)

Consider an Ordinance Amending the Village of Palatine's CY 2022 Budget (1st Quarter Budget Adjustments)

BACKGROUND:
The Department of Finance and Operations continues to monitor Village fiscal activities through quarterly budget reviews. This is done to identify potential problem areas and take corrective action at an early stage.

KEY ISSUES:
The 1st Quarter Budget Adjustments are made up of:

$12,287,312 - Budget Increase - Appropriation "rollover" - these adjustments increase the expenditure budget in CY 2022 and have a corresponding decrease in the budget for CY 2021. These adjustments represent previously approved funds being carried forward from one budget year to the next to provide for continuity in funding for multi-year projects.

$6,895,282 - Budget Increase Using New Revenue Offsets - These adjustments increase the expenditure budget as well as the revenue budget to account for new revenues that are specifically earmarked, thus do not affect fund reserves. Major components are:

- $6,006,265 - ARPA Grant
- $753,029 - Rebuild Illinois Funds

$2,000 - Budget Increase Using Reserves - These adjustments increase the expenditure without offsetting revenue, thus result in a use of reserves.

With these changes, the total Village-Wide 2022 budget will be increased in the amount of **$19,184,594**.

RECOMMENDATION:
Staff recommends that the Village Council approve the 1st Quarter Budget Adjustments.

BUDGET IMPACT:
Increase the CY 2021 Budget by **$19,184,594**.

ACTION REQUIRED:
Motion to approve the Ordinance providing for the 1st Quarter Adjustments to the CY 2022 Budget.

ATTACHMENTS:

- 1st Qtr 2022 Budget Adj Ordinance
- 1st Qtr 2022 Budget Adj Memo

ORDINANCE NO. O - _____ - 22

AN ORDINANCE
AMENDING THE CY 2022 BUDGET

WHEREAS, on December 6, 2021, the Mayor and Village Council of the Village of Palatine passed Ordinance O-128-21 providing for a budget for the fiscal year commencing January 1, 2022 and ending December 31, 2022 and,

WHEREAS, Section 8-2-9 of the Illinois Compiled Statutes, makes provision for amendments or revisions to an annual budget adopted pursuant to 65 ILCS 5/8-2-9.4.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Village Council of the Village of Palatine, Cook County, Illinois that:

SECTION 1: The following sums of money heretofore budgeted for the above mentioned fiscal year for the corporate objects and purposes of the Village of Palatine, Cook County, Illinois, are hereby amended as set forth in Exhibit A.

SECTION 2: All ordinances in conflict with this ordinance are hereby repealed.

SECTION 3: This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.

PASSED: This 11th day of April 2022

AYES: _____ NAYS: _____ ABSENT: _____ PASS: _____

APPROVED by me this 11th day of April 2022

_____
Mayor of the Village of Palatine

ATTESTED and FILED in the
Office of the Village Clerk this
11th day of April 2022

_____
Village Clerk

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 100 General Fund					
474.05 - Other Misc Reimbursements/Refunds			Amended Balance as of: 1/1/2022		$365,000.00
	03/18/2022	2022-00001453	$25,000.00	$0.00	$390,000.00
			$25,000.00	$0.00	$390,000.00
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		$171,111.00
	01/01/2022	2022-00001083	$266,057.00	$0.00	$437,168.00
	01/02/2022	2021-00007486	$135,576.00	$0.00	$572,744.00
			$401,633.00	$0.00	$572,744.00
Department: 12 Boards & Commissions					
Division: 06 Beautification Commission					
Program: 0000 General					
525.95 - Operating Supplies Other			Amended Balance as of: 1/1/2022		$29,340.00
	01/01/2022	2022-00001080	$663.00	$0.00	$30,003.00
			$663.00	$0.00	$30,003.00
Program: 0000 General Totals:			$663.00	$0.00	
Division: 06 Beautification Commission Totals:			$663.00	$0.00	
Department: 12 Boards & Commissions Totals:			$663.00	$0.00	
Department: 20 Village Manager's Office					
Division: 01 Administration					
Program: 0000 General					
575.10 - Other Memberships & Publications			Amended Balance as of: 1/1/2022		$3,890.00
	01/02/2022	2021-00007486	$230.00	$0.00	$4,120.00
			$230.00	$0.00	$4,120.00
575.15 - Other Training & Travel			Amended Balance as of: 1/1/2022		$7,250.00
	01/02/2022	2021-00007486	$750.00	$0.00	$8,000.00
			$750.00	$0.00	$8,000.00
Program: 0000 General Totals:			$980.00	$0.00	
Division: 01 Administration Totals:			$980.00	$0.00	
Division: 09 Public Information/Events					
Program: 0000 General					
525.95 - Operating Supplies Other			Amended Balance as of: 1/1/2022		$6,250.00
	01/02/2022	2021-00007486	$525.00	$0.00	$6,775.00
			$525.00	$0.00	$6,775.00
Program: 0000 General Totals:			$525.00	$0.00	
Division: 09 Public Information/Events Totals:			$525.00	$0.00	
Department: 20 Village Manager's Office Totals:			$1,505.00	$0.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 30 Finance & Operations					
Division: 12 Billing & Collections					
Program: 3021 Cashiering					
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 1/1/2022		$1,000.00
	01/04/2022	2022-00000031	$0.00	$20.00	$980.00
			$0.00	$20.00	$980.00
565.35 - Repair and Maintenance Software			Amended Balance as of: 1/1/2022		$1,000.00
	01/04/2022	2022-00000031	$20.00	$0.00	$1,020.00
			$20.00	$0.00	$1,020.00
Program: 3021 Cashiering Totals:			$20.00	$20.00	
Division: 12 Billing & Collections Totals:			$20.00	$20.00	
Department: 30 Finance & Operations Totals:			$20.00	$20.00	
Department: 34 Human Resources					
Division: 17 Village Wide Benefit Programs					
Program: 0000 General					
575.15 - Other Training & Travel			Amended Balance as of: 1/1/2022		$5,000.00
	02/03/2022	2022-00000621	$0.00	$2,700.00	$2,300.00
			$0.00	$2,700.00	$2,300.00
Program: 0000 General Totals:			$0.00	$2,700.00	
Program: 2010 Wellness Program					
525.95 - Operating Supplies Other			Amended Balance as of: 1/1/2022		$0.00
	03/18/2022	2022-00001453	$7,500.00	$0.00	$7,500.00
			$7,500.00	$0.00	$7,500.00
540.95 - Services Other			Amended Balance as of: 1/1/2022		$0.00
	03/18/2022	2022-00001453	$17,500.00	$0.00	$17,500.00
			$17,500.00	$0.00	$17,500.00
Program: 2010 Wellness Program Totals:			$25,000.00	$0.00	
Division: 17 Village Wide Benefit Programs Totals:			$25,000.00	$2,700.00	
Department: 34 Human Resources Totals:			$25,000.00	$2,700.00	
Department: 38 Information Technology					
Division: 01 Administration					
Program: 0000 General					
540.05 - Services Management Consulting			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2021-00007486	$50,000.00	$0.00	$50,000.00
			$50,000.00	$0.00	$50,000.00
575.15 - Other Training & Travel			Amended Balance as of: 1/1/2022		$14,900.00
	02/03/2022	2022-00000621	$2,700.00	$0.00	$17,600.00
			$2,700.00	$0.00	$17,600.00
Program: 0000 General Totals:			$52,700.00	$0.00	
Division: 01 Administration Totals:			$52,700.00	$0.00	
Department: 38 Information Technology Totals:			$52,700.00	$0.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 40 Community Development					
Division: 24 Building Permits & Inspections					
Program: 0000 General					
500.05 - Salaries Full Time			Amended Balance as of: 1/1/2022		$470,345.00
	01/02/2022	2021-00007486	$35,000.00	$0.00	$505,345.00
			$35,000.00	$0.00	$505,345.00
540.45 - Services Data Processing/Technology			Amended Balance as of: 1/1/2022		$8,500.00
	01/02/2022	2021-00007486	$8,500.00	$0.00	$17,000.00
			$8,500.00	$0.00	$17,000.00
Program: 0000 General Totals:			$43,500.00	$0.00	
Division: 24 Building Permits & Inspections Totals:			$43,500.00	$0.00	
Department: 40 Community Development Totals:			$43,500.00	$0.00	
Department: 42 Police					
Division: 01 Administration					
Program: 0000 General					
520.05 - Office Supplies General			Amended Balance as of: 1/1/2022		$4,100.00
	02/17/2022	2022-00000874	$0.00	$150.00	$3,950.00
			$0.00	$150.00	$3,950.00
540.95 - Services Other			Amended Balance as of: 1/1/2022		$1,730.00
	01/02/2022	2021-00007486	$2,500.00	$0.00	$4,230.00
	01/02/2022	2021-00007486	$300.00	$0.00	$4,530.00
			$2,800.00	$0.00	$4,530.00
550.15 - Printing/Advertising Outside Printing Services			Amended Balance as of: 1/1/2022		$500.00
	02/17/2022	2022-00000874	$150.00	$0.00	$650.00
			$150.00	$0.00	$650.00
Program: 0000 General Totals:			$2,950.00	$150.00	
Division: 01 Administration Totals:			$2,950.00	$150.00	
Division: 27 Crime Control & Investigation					
Program: 4206 Evidence Collection					
565.35 - Repair and Maintenance Software			Amended Balance as of: 1/1/2022		$3,315.00
	01/02/2022	2021-00007486	$2,624.00	$0.00	$5,939.00
			$2,624.00	$0.00	$5,939.00
Program: 4206 Evidence Collection Totals:			$2,624.00	$0.00	
Program: 4207 Animal Control					
540.95 - Services Other			Amended Balance as of: 1/1/2022		$4,500.00
	01/02/2022	2021-00007486	$2,487.00	$0.00	$6,987.00
	01/02/2022	2021-00007486	$5,013.00	$0.00	$12,000.00
			$7,500.00	$0.00	$12,000.00
Program: 4207 Animal Control Totals:			$7,500.00	$0.00	
Division: 27 Crime Control & Investigation Totals:			$10,124.00	$0.00	
Department: 42 Police Totals:			$13,074.00	$150.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 44 Fire					
Division: 32 Fire Service					
Program: 4401 Fire Suppression					
525.95 - Operating Supplies Other			Amended Balance as of: 1/1/2022		$4,200.00
	01/02/2022	2021-00007486	$1,000.00	$0.00	$5,200.00
	01/02/2022	2021-00007486	$750.00	$0.00	$5,950.00
			$1,750.00	$0.00	$5,950.00
540.35 - Services Medical			Amended Balance as of: 1/1/2022		$29,430.00
	01/02/2022	2021-00007486	$4,676.00	$0.00	$34,106.00
			$4,676.00	$0.00	$34,106.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 1/1/2022		$44,200.00
	01/02/2022	2021-00007486	$3,348.00	$0.00	$47,548.00
			$3,348.00	$0.00	$47,548.00
565.15 - Repair and Maintenance Buildings			Amended Balance as of: 1/1/2022		$7,500.00
	01/01/2022	2022-00001080	$3,750.00	$0.00	$11,250.00
	01/02/2022	2021-00007486	$2,152.00	$0.00	$13,402.00
			$5,902.00	$0.00	$13,402.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 1/1/2022		$18,350.00
	01/02/2022	2021-00007486	$576.00	$0.00	$18,926.00
			$576.00	$0.00	$18,926.00
Program: 4401 Fire Suppression Totals:			$16,252.00	$0.00	
Division: 32 Fire Service Totals:			$16,252.00	$0.00	
Division: 34 Fire Training					
Program: 0000 General					
500.20 - Salaries Overtime			Amended Balance as of: 1/1/2022		$50,595.00
	01/02/2022	2021-00007486	$15,145.00	$0.00	$65,740.00
			$15,145.00	$0.00	$65,740.00
Program: 0000 General Totals:			$15,145.00	$0.00	
Division: 34 Fire Training Totals:			$15,145.00	$0.00	
Division: 37 Emergency Management					
Program: 0000 General					
525.95 - Operating Supplies Other			Amended Balance as of: 1/1/2022		$350.00
	03/08/2022	2022-00001241	$0.00	$25.00	$325.00
			$0.00	$25.00	$325.00
540.45 - Services Data Processing/Technology			Amended Balance as of: 1/1/2022		$320.00
	03/08/2022	2022-00001241	$25.00	$0.00	$345.00
			$25.00	$0.00	$345.00
Program: 0000 General Totals:			$25.00	$25.00	
Division: 37 Emergency Management Totals:			$25.00	$25.00	
Department: 44 Fire Totals:			$31,422.00	$25.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Department: 52 Public Works					
Division: 38 Building, Grounds, Electrical					
Program: 5201 Buildings & Grounds Maintenance					
525.05 - Operating Supplies Custodial			Amended Balance as of: 1/1/2022		$19,800.00
	01/01/2022	2022-00001080	$1,078.00	$0.00	$20,878.00
			$1,078.00	$0.00	$20,878.00
540.95 - Services Other			Amended Balance as of: 1/1/2022		$23,000.00
	01/01/2022	2022-00001080	$11,400.00	$0.00	$34,400.00
			$11,400.00	$0.00	$34,400.00
Program: 5201 Buildings & Grounds Maintenance Totals:			$12,478.00	$0.00	
Program: 5202 Mechanical Maintenance					
530.05 - R&M Supplies Equipment Parts			Amended Balance as of: 1/1/2022		$67,770.00
	01/01/2022	2022-00001080	$26,844.00	$0.00	$94,614.00
			$26,844.00	$0.00	$94,614.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 1/1/2022		$124,400.00
	01/01/2022	2022-00001080	$7,263.00	$0.00	$131,663.00
			$7,263.00	$0.00	$131,663.00
Program: 5202 Mechanical Maintenance Totals:			$34,107.00	$0.00	
Division: 38 Building, Grounds, Electrical Totals:			$46,585.00	$0.00	
Division: 39 Forestry					
Program: 5211 Tree Maintenance					
565.25 - Repair and Maintenance Landscape			Amended Balance as of: 1/1/2022		$209,025.00
	01/01/2022	2022-00001080	$119,372.00	$0.00	$328,397.00
			$119,372.00	$0.00	$328,397.00
Program: 5211 Tree Maintenance Totals:			$119,372.00	$0.00	
Division: 39 Forestry Totals:			$119,372.00	$0.00	
Division: 41 Streets					
Program: 5231 Pavement Maintenance					
525.30 - Operating Supplies Salt			Amended Balance as of: 1/1/2022		$163,000.00
	01/01/2022	2022-00001080	$46,206.00	$0.00	$209,206.00
			$46,206.00	$0.00	$209,206.00
530.20 - R&M Supplies Street Maintenance			Amended Balance as of: 1/1/2022		$337,780.00
	01/01/2022	2022-00001080	$39,100.00	$0.00	$376,880.00
			$39,100.00	$0.00	$376,880.00
540.95 - Services Other			Amended Balance as of: 1/1/2022		$145,220.00
	01/01/2022	2022-00001080	$9,000.00	$0.00	$154,220.00
			$9,000.00	$0.00	$154,220.00
Program: 5231 Pavement Maintenance Totals:			$94,306.00	$0.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Program: 5232 Traffic Control & Safety Signs					
525.40 - Operating Supplies Shop Materials			Amended Balance as of: 1/1/2022		$33,600.00
	01/01/2022	2022-00001080	$381.00	$0.00	$33,981.00
			$381.00	$0.00	$33,981.00
Program: 5232 Traffic Control & Safety Signs Totals:			$381.00	$0.00	
Division: 41 Streets Totals:			$94,687.00	$0.00	
Division: 43 Engineering					
Program: 0000 General					
540.20 - Services Architectual			Amended Balance as of: 1/1/2022		$1,500.00
	01/01/2022	2022-00001080	$1,000.00	$0.00	$2,500.00
			$1,000.00	$0.00	$2,500.00
Program: 0000 General Totals:			$1,000.00	$0.00	
Division: 43 Engineering Totals:			$1,000.00	$0.00	
Department: 52 Public Works Totals:			$261,644.00	$0.00	
Fund Totals: General Fund			$856,161.00	$2,895.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 205 Motor Fuel Tax Fund					
434 - Grants			Amended Balance as of: 1/1/2022		$0.00
	03/22/2022	2022-00001490	$376,515.00	$0.00	$376,515.00
	03/22/2022	2022-00001490	$376,514.00	$0.00	$753,029.00
			$753,029.00	$0.00	$753,029.00
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		($12,575.00)
	01/01/2022	2022-00001083	$131,079.00	$0.00	$118,504.00
	01/02/2022	2021-00007486	$1,768,501.00	$0.00	$1,887,005.00
	01/02/2022	2022-00001004	$0.00	$19,251.00	$1,867,754.00
			$1,899,580.00	$19,251.00	$1,867,754.00
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6060 Streets					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$2,493,475.00
	01/01/2022	2022-00000011	$2,493,475.00	$0.00	$4,986,950.00
	01/01/2022	2022-00000011	$0.00	$2,493,475.00	$2,493,475.00
	01/01/2022	2022-00001080	$131,079.00	$0.00	$2,624,554.00
	01/02/2022	2021-00007486	$672,466.00	$0.00	$3,297,020.00
	01/02/2022	2021-00007486	$672,468.00	$0.00	$3,969,488.00
	01/02/2022	2021-00007486	$423,567.00	$0.00	$4,393,055.00
	01/02/2022	2022-00001004	$0.00	$19,251.00	$4,373,804.00
	01/02/2022	2022-00001087	$0.00	$19,251.00	$4,354,553.00
	01/02/2022	2022-00001087	$32,522.00	$0.00	$4,387,075.00
	01/02/2022	2022-00001087	$19,251.00	$0.00	$4,406,326.00
	01/02/2022	2022-00001087	$0.00	$32,522.00	$4,373,804.00
	01/02/2022	2022-00001087	$0.00	$79,306.00	$4,294,498.00
	01/02/2022	2022-00001087	$79,306.00	$0.00	$4,373,804.00
	03/22/2022	2022-00001490	$376,515.00	$0.00	$4,750,319.00
	03/22/2022	2022-00001490	$376,514.00	$0.00	$5,126,833.00
			$5,277,163.00	$2,643,805.00	$5,126,833.00
Program: 6060 Streets Totals:			$5,277,163.00	$2,643,805.00	
Division: 75 Capital Outlay Totals:			$5,277,163.00	$2,643,805.00	
Department: 52 Public Works Totals:			$5,277,163.00	$2,643,805.00	
Fund Totals: Motor Fuel Tax Fund			$7,929,772.00	$2,663,056.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 210 Community Dev Block Grant Fund					
434 - Grants			Amended Balance as of: 1/1/2022		$484,944.00
	01/01/2022	2022-00001083	$545.00	$0.00	$485,489.00
	01/02/2022	2021-00007486	$8,364.00	$0.00	$493,853.00
			$8,909.00	$0.00	$493,853.00
Department: 36 Planning & Zoning					
Division: 21 Community Development					
Program: 0000 General					
540.95 - Services Other			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$545.00	$0.00	$545.00
			$545.00	$0.00	$545.00
Program: 0000 General Totals:			$545.00	$0.00	
Division: 21 Community Development Totals:			$545.00	$0.00	
Department: 36 Planning & Zoning Totals:			$545.00	$0.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6040 Rights of Way Improvements					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$315,215.00
	01/01/2022	2022-00000011	$315,215.00	$0.00	$630,430.00
	01/01/2022	2022-00000011	$0.00	$315,215.00	$315,215.00
	01/02/2022	2021-00007486	$8,364.00	$0.00	$323,579.00
			$323,579.00	$315,215.00	$323,579.00
Program: 6040 Rights of Way Improvements Totals:			$323,579.00	$315,215.00	
Division: 75 Capital Outlay Totals:			$323,579.00	$315,215.00	
Department: 52 Public Works Totals:			$323,579.00	$315,215.00	
Fund Totals: Community Dev Block Grant Fund			$333,033.00	$315,215.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 233 Downtown Area TIF (TIF #3) Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		($2,254,705.00)
	01/01/2022	2022-00001083	$36,072.00	$0.00	($2,218,633.00)
	01/02/2022	2021-00007486	$573,450.00	$0.00	($1,645,183.00)
	01/05/2022	2022-00000070	$2,000.00	$0.00	($1,643,183.00)
			$611,522.00	$0.00	($1,643,183.00)
Department: 30 Finance & Operations					
Division: 70 Debt Service					
Program: 3043 Lim Oblig TIF Notes Series 2006B					
705 - Principal			Amended Balance as of: 1/1/2022		$12,000.00
	01/05/2022	2022-00000070	$2,000.00	$0.00	$14,000.00
			$2,000.00	$0.00	$14,000.00
Program: 3043 Lim Oblig TIF Notes Series 2006B Totals:			$2,000.00	$0.00	
Division: 70 Debt Service Totals:			$2,000.00	$0.00	
Department: 30 Finance & Operations Totals:			$2,000.00	$0.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$340,000.00
	01/01/2022	2022-00000011	$200,000.00	$0.00	$540,000.00
	01/01/2022	2022-00000011	$0.00	$200,000.00	$340,000.00
	01/01/2022	2022-00000011	$100,000.00	$0.00	$440,000.00
	01/01/2022	2022-00000011	$0.00	$100,000.00	$340,000.00
	01/01/2022	2022-00000011	$40,000.00	$0.00	$380,000.00
	01/01/2022	2022-00000011	$0.00	$40,000.00	$340,000.00
	01/01/2022	2022-00001080	$18,116.00	$0.00	$358,116.00
	01/02/2022	2021-00007486	$244,000.00	$0.00	$602,116.00
	01/02/2022	2021-00007486	$329,450.00	$0.00	$931,566.00
	01/02/2022	2022-00001087	$12,866.00	$0.00	$944,432.00
	01/02/2022	2022-00001087	$0.00	$5,250.00	$939,182.00
	01/02/2022	2022-00001087	$5,250.00	$0.00	$944,432.00
	01/02/2022	2022-00001087	$0.00	$12,866.00	$931,566.00
	03/15/2022	2022-00001373	$0.00	$21,755.00	$909,811.00
			$949,682.00	$379,871.00	$909,811.00
Program: 6010 Buildings & Facilities Totals:			$949,682.00	$379,871.00	
Program: 6020 Flood Control					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$50,000.00
	01/01/2022	2022-00000011	$50,000.00	$0.00	$100,000.00
	01/01/2022	2022-00000011	$0.00	$50,000.00	$50,000.00
			$50,000.00	$50,000.00	$50,000.00
Program: 6020 Flood Control Totals:			$50,000.00	$50,000.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Program: 6060 Streets					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$500,000.00
	01/01/2022	2022-00000011	$500,000.00	$0.00	$1,000,000.00
	01/01/2022	2022-00000011	$0.00	$500,000.00	$500,000.00
	01/01/2022	2022-00001080	$17,956.00	$0.00	$517,956.00
	01/02/2022	2022-00001087	$0.00	$3,056.00	$514,900.00
	01/02/2022	2022-00001087	$3,056.00	$0.00	$517,956.00
	01/02/2022	2022-00001087	$0.00	$14,900.00	$503,056.00
	01/02/2022	2022-00001087	$14,900.00	$0.00	$517,956.00
	03/15/2022	2022-00001373	$21,755.00	$0.00	$539,711.00
			$557,667.00	$517,956.00	$539,711.00
Program: 6060 Streets Totals:			$557,667.00	$517,956.00	
Division: 75 Capital Outlay Totals:			$1,557,349.00	$947,827.00	
Department: 52 Public Works Totals:			$1,557,349.00	$947,827.00	
Fund Totals: Downtown Area TIF (TIF #3) Fund			$2,170,871.00	$947,827.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 234 Rand Corridor TIF (TIF #4) Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		$944,695.00
	01/01/2022	2022-00001083	$399,540.00	$0.00	$1,344,235.00
	01/02/2022	2021-00007486	$450,000.00	$0.00	$1,794,235.00
	01/02/2022	2022-00001004	$0.00	$22,994.00	$1,771,241.00
			$849,540.00	$22,994.00	$1,771,241.00
Department: 20 Village Manager's Office					
Division: 10 Economic Development					
Program: 0000 General					
820 - TIF Development			Amended Balance as of: 1/1/2022		$550,000.00
	01/02/2022	2021-00007486	$450,000.00	$0.00	$1,000,000.00
			$450,000.00	$0.00	$1,000,000.00
Program: 0000 General Totals:			$450,000.00	$0.00	
Division: 10 Economic Development Totals:			$450,000.00	$0.00	
Department: 20 Village Manager's Office Totals:			$450,000.00	$0.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6040 Rights of Way Improvements					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$399,540.00	$0.00	$399,540.00
	01/02/2022	2022-00001004	$0.00	$22,994.00	$376,546.00
	01/02/2022	2022-00001087	$0.00	$399,539.00	($22,993.00)
	01/02/2022	2022-00001087	$399,539.00	$0.00	$376,546.00
			$799,079.00	$422,533.00	$376,546.00
Program: 6040 Rights of Way Improvements Totals:			$799,079.00	$422,533.00	
Division: 75 Capital Outlay Totals:			$799,079.00	$422,533.00	
Department: 52 Public Works Totals:			$799,079.00	$422,533.00	
Fund Totals: Rand Corridor TIF (TIF #4) Fund			$2,098,619.00	$445,527.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 252 Police Grant Fund					
434 - Grants			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001159	$6,000.00	$0.00	$6,000.00
	01/02/2022	2022-00001159	$70,863.00	$0.00	$76,863.00
	01/02/2022	2022-00001159	$17,500.00	$0.00	$94,363.00
	01/02/2022	2022-00001159	$3,865.00	$0.00	$98,228.00
			$98,228.00	$0.00	$98,228.00
Department: 42 Police					
Division: 31 Special Detail Services					
Program: 0000 General					
500.20 - Salaries Overtime			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001159	$6,000.00	$0.00	$6,000.00
	01/02/2022	2022-00001159	$70,863.00	$0.00	$76,863.00
	01/02/2022	2022-00001159	$17,500.00	$0.00	$94,363.00
	01/02/2022	2022-00001159	$3,865.00	$0.00	$98,228.00
			$98,228.00	$0.00	$98,228.00
Program: 0000 General Totals:			$98,228.00	$0.00	
Division: 31 Special Detail Services Totals:			$98,228.00	$0.00	
Department: 42 Police Totals:			$98,228.00	$0.00	
Fund Totals: Police Grant Fund			$196,456.00	$0.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 255 CDBG - CV Fund					
434 - Grants			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001083	$53,700.00	$0.00	$53,700.00
	01/02/2022	2021-00007486	$317,651.00	$0.00	$371,351.00
			$371,351.00	$0.00	$371,351.00
Department: 36 Planning & Zoning					
Division: 21 Community Development					
Program: 0000 General					
540.95 - Services Other			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$53,700.00	$0.00	$53,700.00
	01/02/2022	2021-00007486	$317,651.00	$0.00	$371,351.00
	01/02/2022	2022-00001087	$0.00	$53,700.00	$317,651.00
	01/02/2022	2022-00001087	$53,700.00	$0.00	$371,351.00
			$425,051.00	$53,700.00	$371,351.00
Program: 0000 General Totals:			$425,051.00	$53,700.00	
Division: 21 Community Development Totals:			$425,051.00	$53,700.00	
Department: 36 Planning & Zoning Totals:			$425,051.00	$53,700.00	
Fund Totals: CDBG - CV Fund			$796,402.00	$53,700.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 256 ARPA Fund					
434 - Grants			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001167	$3,000,000.00	$0.00	$3,000,000.00
	01/02/2022	2022-00001167	$1,350,000.00	$0.00	$4,350,000.00
	01/02/2022	2022-00001167	$1,000,000.00	$0.00	$5,350,000.00
	01/02/2022	2022-00001167	$265,000.00	$0.00	$5,615,000.00
	01/02/2022	2022-00001167	$391,265.00	$0.00	$6,006,265.00
			$6,006,265.00	$0.00	$6,006,265.00
Department: 38 Information Technology					
Division: 75 Capital Outlay					
Program: 6030 Technology					
640 - Technology			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001167	$265,000.00	$0.00	$265,000.00
			$265,000.00	$0.00	$265,000.00
Program: 6030 Technology Totals:			$265,000.00	$0.00	
Division: 75 Capital Outlay Totals:			$265,000.00	$0.00	
Department: 38 Information Technology Totals:			$265,000.00	$0.00	
Department: 44 Fire					
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001167	$3,000,000.00	$0.00	$3,000,000.00
			$3,000,000.00	$0.00	$3,000,000.00
Program: 6010 Buildings & Facilities Totals:			$3,000,000.00	$0.00	
Program: 6070 Vehicles & Equipment					
625 - Motor Vehicles			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001167	$1,350,000.00	$0.00	$1,350,000.00
			$1,350,000.00	$0.00	$1,350,000.00
Program: 6070 Vehicles & Equipment Totals:			$1,350,000.00	$0.00	
Division: 75 Capital Outlay Totals:			$4,350,000.00	$0.00	
Department: 44 Fire Totals:			$4,350,000.00	$0.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6020 Flood Control					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001167	$1,000,000.00	$0.00	$1,000,000.00
			$1,000,000.00	$0.00	$1,000,000.00
Program: 6020 Flood Control Totals:			$1,000,000.00	$0.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Program: 6080 Water System					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2022-00001167	$391,265.00	$0.00	$391,265.00
			$391,265.00	$0.00	$391,265.00
Program: 6080 Water System Totals:			$391,265.00	$0.00	
Division: 75 Capital Outlay Totals:			$1,391,265.00	$0.00	
Department: 52 Public Works Totals:			$1,391,265.00	$0.00	
Fund Totals: ARPA Fund			$12,012,530.00	$0.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 401 Capital Equipment Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		($22,065.00)
	01/01/2022	2022-00001083	$879,077.00	$0.00	$857,012.00
	01/02/2022	2021-00007486	$81,902.00	$0.00	$938,914.00
			$960,979.00	$0.00	$938,914.00
Department: 38 Information Technology					
Division: 75 Capital Outlay					
Program: 6030 Technology					
640 - Technology			Amended Balance as of: 1/1/2022		$324,700.00
	01/01/2022	2022-00000011	$130,000.00	$0.00	$454,700.00
	01/01/2022	2022-00000011	$0.00	$130,000.00	$324,700.00
	01/01/2022	2022-00000011	$14,000.00	$0.00	$338,700.00
	01/01/2022	2022-00000011	$0.00	$14,000.00	$324,700.00
	01/01/2022	2022-00000011	$55,000.00	$0.00	$379,700.00
	01/01/2022	2022-00000011	$0.00	$55,000.00	$324,700.00
	01/01/2022	2022-00000011	$0.00	$9,500.00	$315,200.00
	01/01/2022	2022-00000011	$9,500.00	$0.00	$324,700.00
	01/01/2022	2022-00000011	$25,200.00	$0.00	$349,900.00
	01/01/2022	2022-00000011	$0.00	$25,200.00	$324,700.00
	01/01/2022	2022-00000011	$91,000.00	$0.00	$415,700.00
	01/01/2022	2022-00000011	$0.00	$91,000.00	$324,700.00
	01/01/2022	2022-00001080	$7,685.00	$0.00	$332,385.00
	01/02/2022	2021-00007486	$15,000.00	$0.00	$347,385.00
	01/02/2022	2021-00007486	$30,000.00	$0.00	$377,385.00
	01/02/2022	2021-00007486	$2,000.00	$0.00	$379,385.00
	01/02/2022	2021-00007486	$9,000.00	$0.00	$388,385.00
	01/02/2022	2022-00001087	$0.00	$7,685.00	$380,700.00
	01/02/2022	2022-00001087	$7,685.00	$0.00	$388,385.00
			$396,070.00	$332,385.00	$388,385.00
Program: 6030 Technology Totals:			$396,070.00	$332,385.00	
Division: 75 Capital Outlay Totals:			$396,070.00	$332,385.00	
Department: 38 Information Technology Totals:			$396,070.00	$332,385.00	
Department: 42 Police					
Division: 75 Capital Outlay					
Program: 6070 Vehicles & Equipment					
625 - Motor Vehicles			Amended Balance as of: 1/1/2022		$46,000.00
	01/01/2022	2022-00000011	$46,000.00	$0.00	$92,000.00
	01/01/2022	2022-00000011	$0.00	$46,000.00	$46,000.00
	01/01/2022	2022-00001080	$36,392.00	$0.00	$82,392.00
	01/02/2022	2022-00001087	$0.00	$36,392.00	$46,000.00
	01/02/2022	2022-00001087	$36,392.00	$0.00	$82,392.00
			$118,784.00	$82,392.00	$82,392.00

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
635 - Office and Other Equipment			Amended Balance as of: 1/1/2022		$21,200.00
	01/01/2022	2022-00000011	$21,200.00	$0.00	$42,400.00
	01/01/2022	2022-00000011	$0.00	$21,200.00	$21,200.00
			$21,200.00	$21,200.00	$21,200.00
Program: 6070 Vehicles & Equipment Totals:			$139,984.00	$103,592.00	
Division: 75 Capital Outlay Totals:			$139,984.00	$103,592.00	
Department: 42 Police Totals:			$139,984.00	$103,592.00	
Department: 44 Fire					
Division: 75 Capital Outlay					
Program: 6070 Vehicles & Equipment					
625 - Motor Vehicles			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$255,406.00	$0.00	$255,406.00
	01/02/2022	2021-00007486	$15,902.00	$0.00	$271,308.00
	01/02/2022	2022-00001087	$0.00	$255,406.00	$15,902.00
	01/02/2022	2022-00001087	$255,406.00	$0.00	$271,308.00
			$526,714.00	$255,406.00	$271,308.00
635 - Office and Other Equipment			Amended Balance as of: 1/1/2022		$30,600.00
	01/01/2022	2022-00000011	$30,600.00	$0.00	$61,200.00
	01/01/2022	2022-00000011	$0.00	$30,600.00	$30,600.00
			$30,600.00	$30,600.00	$30,600.00
Program: 6070 Vehicles & Equipment Totals:			$557,314.00	$286,006.00	
Division: 75 Capital Outlay Totals:			$557,314.00	$286,006.00	
Department: 44 Fire Totals:			$557,314.00	$286,006.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6070 Vehicles & Equipment					
625 - Motor Vehicles			Amended Balance as of: 1/1/2022		$924,130.00
	01/01/2022	2022-00000011	$687,735.00	$0.00	$1,611,865.00
	01/01/2022	2022-00000011	$0.00	$687,735.00	$924,130.00
	01/01/2022	2022-00000011	$236,395.00	$0.00	$1,160,525.00
	01/01/2022	2022-00000011	$0.00	$236,395.00	$924,130.00
	01/01/2022	2022-00001080	$579,594.00	$0.00	$1,503,724.00
	01/02/2022	2022-00001087	$0.00	$493,746.00	$1,009,978.00
	01/02/2022	2022-00001087	$493,746.00	$0.00	$1,503,724.00
	01/02/2022	2022-00001087	$0.00	$85,848.00	$1,417,876.00
	01/02/2022	2022-00001087	$85,848.00	$0.00	$1,503,724.00
			$2,083,318.00	$1,503,724.00	$1,503,724.00

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
635 - Office and Other Equipment			Amended Balance as of: 1/1/2022		$20,000.00
	01/01/2022	2022-00000011	$20,000.00	$0.00	$40,000.00
	01/01/2022	2022-00000011	$0.00	$20,000.00	$20,000.00
	01/02/2022	2021-00007486	$10,000.00	$0.00	$30,000.00
			$30,000.00	$20,000.00	$30,000.00
Program: 6070 Vehicles & Equipment Totals:			$2,113,318.00	$1,523,724.00	
Division: 75 Capital Outlay Totals:			$2,113,318.00	$1,523,724.00	
Department: 52 Public Works Totals:			$2,113,318.00	$1,523,724.00	
Fund Totals: Capital Equipment Fund			$4,167,665.00	$2,245,707.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 402 Capital Improvement Fund					
434 - Grants			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2021-00007486	$165,000.00	$0.00	$165,000.00
	01/02/2022	2021-00007486	$17,267.00	$0.00	$182,267.00
			$182,267.00	$0.00	$182,267.00
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		($7,380.00)
	01/01/2022	2022-00001083	$371,951.00	$0.00	$364,571.00
	01/02/2022	2021-00007486	$349,052.00	$0.00	$713,623.00
	01/02/2022	2022-00001004	$0.00	$20,332.00	$693,291.00
			$721,003.00	$20,332.00	$693,291.00
Department: 42 Police					
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 1/1/2022		$50,000.00
	01/01/2022	2022-00000011	$50,000.00	$0.00	$100,000.00
	01/01/2022	2022-00000011	$0.00	$50,000.00	$50,000.00
			$50,000.00	$50,000.00	$50,000.00
Program: 6010 Buildings & Facilities Totals:			$50,000.00	$50,000.00	
Division: 75 Capital Outlay Totals:			$50,000.00	$50,000.00	
Department: 42 Police Totals:			$50,000.00	$50,000.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 1/1/2022		$147,000.00
	01/01/2022	2022-00000011	$0.00	$25,000.00	$122,000.00
	01/01/2022	2022-00000011	$50,000.00	$0.00	$172,000.00
	01/01/2022	2022-00000011	$0.00	$50,000.00	$122,000.00
	01/01/2022	2022-00000011	$22,000.00	$0.00	$144,000.00
	01/01/2022	2022-00000011	$0.00	$22,000.00	$122,000.00
	01/01/2022	2022-00000011	$50,000.00	$0.00	$172,000.00
	01/01/2022	2022-00000011	$0.00	$50,000.00	$122,000.00
	01/01/2022	2022-00000011	$25,000.00	$0.00	$147,000.00
	01/07/2022	2022-00000124	$0.00	$6,510.00	$140,490.00
			$147,000.00	$153,510.00	$140,490.00
Program: 6010 Buildings & Facilities Totals:			$147,000.00	$153,510.00	
Program: 6040 Rights of Way Improvements					

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$400,000.00
	01/01/2022	2022-00000011	$350,000.00	$0.00	$750,000.00
	01/01/2022	2022-00000011	$0.00	$350,000.00	$400,000.00
	01/01/2022	2022-00000011	$30,000.00	$0.00	$430,000.00
	01/01/2022	2022-00000011	$0.00	$30,000.00	$400,000.00
	01/01/2022	2022-00000011	$20,000.00	$0.00	$420,000.00
	01/01/2022	2022-00000011	$0.00	$20,000.00	$400,000.00
	01/07/2022	2022-00000124	$6,510.00	$0.00	$406,510.00
			$406,510.00	$400,000.00	$406,510.00
Program: 6040 Rights of Way Improvements Totals:			$406,510.00	$400,000.00	
Program: 6060 Streets					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$1,103,885.00
	01/01/2022	2022-00000011	$132,005.00	$0.00	$1,235,890.00
	01/01/2022	2022-00000011	$0.00	$132,005.00	$1,103,885.00
	01/01/2022	2022-00000011	$145,765.00	$0.00	$1,249,650.00
	01/01/2022	2022-00000011	$0.00	$145,765.00	$1,103,885.00
	01/01/2022	2022-00000011	$82,115.00	$0.00	$1,186,000.00
	01/01/2022	2022-00000011	$0.00	$82,115.00	$1,103,885.00
	01/01/2022	2022-00000011	$744,000.00	$0.00	$1,847,885.00
	01/01/2022	2022-00000011	$0.00	$744,000.00	$1,103,885.00
	01/01/2022	2022-00001080	$371,951.00	$0.00	$1,475,836.00
	01/02/2022	2021-00007486	$23,565.00	$0.00	$1,499,401.00
	01/02/2022	2021-00007486	$90,160.00	$0.00	$1,589,561.00
	01/02/2022	2021-00007486	$417,594.00	$0.00	$2,007,155.00
	01/02/2022	2022-00001004	$0.00	$20,332.00	$1,986,823.00
	01/02/2022	2022-00001087	$0.00	$10,000.00	$1,976,823.00
	01/02/2022	2022-00001087	$10,000.00	$0.00	$1,986,823.00
	01/02/2022	2022-00001087	$50,207.00	$0.00	$2,037,030.00
	01/02/2022	2022-00001087	$80,537.00	$0.00	$2,117,567.00
	01/02/2022	2022-00001087	$0.00	$80,537.00	$2,037,030.00
	01/02/2022	2022-00001087	$0.00	$39,221.00	$1,997,809.00
	01/02/2022	2022-00001087	$39,221.00	$0.00	$2,037,030.00
	01/02/2022	2022-00001087	$0.00	$6,092.00	$2,030,938.00
	01/02/2022	2022-00001087	$6,092.00	$0.00	$2,037,030.00
	01/02/2022	2022-00001087	$0.00	$50,207.00	$1,986,823.00
	01/02/2022	2022-00001087	$0.00	$34,537.00	$1,952,286.00
	01/02/2022	2022-00001087	$0.00	$144,937.00	$1,807,349.00
	01/02/2022	2022-00001087	$144,937.00	$0.00	$1,952,286.00
	01/02/2022	2022-00001087	$0.00	$6,420.00	$1,945,866.00
	01/02/2022	2022-00001087	$6,420.00	$0.00	$1,952,286.00
	01/02/2022	2022-00001087	$34,537.00	$0.00	$1,986,823.00
			$2,379,106.00	$1,496,168.00	$1,986,823.00
Program: 6060 Streets Totals:			$2,379,106.00	$1,496,168.00	
Division: 75 Capital Outlay Totals:			$2,932,616.00	$2,049,678.00	
Department: 52 Public Works Totals:			$2,932,616.00	$2,049,678.00	
Fund Totals: Capital Improvement Fund			$3,885,886.00	$2,120,010.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 605 Waterworks Fund					
441.25 - Water Service Non-Resident - Regular			Amended Balance as of: 1/1/2022		$1,350,000.00
	01/02/2022	2022-00000005	$12,760.00	$0.00	$1,362,760.00
			$12,760.00	$0.00	$1,362,760.00
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		$985,610.00
	01/01/2022	2022-00001083	$2,063,636.00	$0.00	$3,049,246.00
	01/02/2022	2021-00007486	$677,924.00	$0.00	$3,727,170.00
	01/02/2022	2022-00001004	$0.00	$194,185.00	$3,532,985.00
			$2,741,560.00	$194,185.00	$3,532,985.00
Department: 38 Information Technology					
Division: 75 Capital Outlay					
Program: 6030 Technology					
640 - Technology			Amended Balance as of: 1/1/2022		$300,000.00
	01/01/2022	2022-00000011	$300,000.00	$0.00	$600,000.00
	01/01/2022	2022-00000011	$0.00	$300,000.00	$300,000.00
			$300,000.00	$300,000.00	$300,000.00
Program: 6030 Technology Totals:			$300,000.00	$300,000.00	
Division: 75 Capital Outlay Totals:			$300,000.00	$300,000.00	
Department: 38 Information Technology Totals:			$300,000.00	$300,000.00	
Department: 52 Public Works					
Division: 01 Administration					
Program: 0000 General					
520.05 - Office Supplies General			Amended Balance as of: 1/1/2022		$4,700.00
	01/01/2022	2022-00001080	$1,785.00	$0.00	$6,485.00
			$1,785.00	$0.00	$6,485.00
Program: 0000 General Totals:			$1,785.00	$0.00	
Division: 01 Administration Totals:			$1,785.00	$0.00	
Division: 38 Building, Grounds, Electrical					
Program: 5201 Buildings & Grounds Maintenance					
525.05 - Operating Supplies Custodial			Amended Balance as of: 1/1/2022		$12,000.00
	01/01/2022	2022-00001080	$3,511.00	$0.00	$15,511.00
			$3,511.00	$0.00	$15,511.00
530.05 - R&M Supplies Equipment Parts			Amended Balance as of: 1/1/2022		$12,000.00
	02/22/2022	2022-00000934	$0.00	$3,800.00	$8,200.00
			$0.00	$3,800.00	$8,200.00
560.10 - Utility Services Natural Gas			Amended Balance as of: 1/1/2022		$50,000.00
	02/22/2022	2022-00000934	$0.00	$14,175.00	$35,825.00
			$0.00	$14,175.00	$35,825.00
Program: 5201 Buildings & Grounds Maintenance Totals:			$3,511.00	$17,975.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Program: 5202 Mechanical Maintenance					
530.05 - R&M Supplies Equipment Parts			Amended Balance as of: 1/1/2022		$9,280.00
	02/22/2022	2022-00000934	$0.00	$2,900.00	$6,380.00
			$0.00	$2,900.00	$6,380.00
565.05 - Repair and Maintenance Machinery & Equipment			Amended Balance as of: 1/1/2022		$4,550.00
	02/22/2022	2022-00000934	$20,875.00	$0.00	$25,425.00
			$20,875.00	$0.00	$25,425.00
Program: 5202 Mechanical Maintenance Totals:			$20,875.00	$2,900.00	
Division: 38 Building, Grounds, Electrical Totals:			$24,386.00	$20,875.00	
Division: 40 Utilities					
Program: 5223 Water System Maintenance					
530.30 - R&M Supplies Utility System			Amended Balance as of: 1/1/2022		$150,000.00
	01/01/2022	2022-00001080	$18,200.00	$0.00	$168,200.00
			$18,200.00	$0.00	$168,200.00
540.95 - Services Other			Amended Balance as of: 1/1/2022		$103,680.00
	01/01/2022	2022-00001080	$23,603.00	$0.00	$127,283.00
	01/02/2022	2022-00000005	$12,760.00	$0.00	$140,043.00
			$36,363.00	$0.00	$140,043.00
565.30 - Repair and Maintenance Utility System			Amended Balance as of: 1/1/2022		$27,600.00
	01/01/2022	2022-00001080	$9,950.00	$0.00	$37,550.00
			$9,950.00	$0.00	$37,550.00
575.05 - Other Small Tools & Equipment			Amended Balance as of: 1/1/2022		$10,000.00
	01/01/2022	2022-00001080	$3,005.00	$0.00	$13,005.00
			$3,005.00	$0.00	$13,005.00
Program: 5223 Water System Maintenance Totals:			$67,518.00	$0.00	
Division: 40 Utilities Totals:			$67,518.00	$0.00	
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$29,869.00	$0.00	$29,869.00
	01/02/2022	2021-00007486	$190,300.00	$0.00	$220,169.00
	01/02/2022	2022-00001087	$0.00	$1,154.00	$219,015.00
	01/02/2022	2022-00001087	$1,154.00	$0.00	$220,169.00
	01/02/2022	2022-00001087	$0.00	$28,715.00	$191,454.00
	01/02/2022	2022-00001087	$28,715.00	$0.00	$220,169.00
			$250,038.00	$29,869.00	$220,169.00

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
620 - Heavy Machinery			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$6,638.00	$0.00	$6,638.00
	01/02/2022	2021-00007486	$30,769.00	$0.00	$37,407.00
	01/02/2022	2022-00001087	$0.00	$6,638.00	$30,769.00
	01/02/2022	2022-00001087	$6,638.00	$0.00	$37,407.00
			$44,045.00	$6,638.00	$37,407.00
Program: 6010 Buildings & Facilities Totals:			$294,083.00	$36,507.00	
Program: 6030 Technology					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$25,000.00
	01/01/2022	2022-00000011	$25,000.00	$0.00	$50,000.00
	01/01/2022	2022-00000011	$0.00	$25,000.00	$25,000.00
	01/01/2022	2022-00001080	$69,040.00	$0.00	$94,040.00
	01/02/2022	2022-00001087	$0.00	$69,040.00	$25,000.00
	01/02/2022	2022-00001087	$69,040.00	$0.00	$94,040.00
			$163,080.00	$94,040.00	$94,040.00
640 - Technology			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$10,699.00	$0.00	$10,699.00
	01/02/2022	2021-00007486	$28,355.00	$0.00	$39,054.00
	01/02/2022	2022-00001087	$0.00	$10,698.00	$28,356.00
	01/02/2022	2022-00001087	$10,698.00	$0.00	$39,054.00
			$49,752.00	$10,698.00	$39,054.00
Program: 6030 Technology Totals:			$212,832.00	$104,738.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Program: 6080 Water System					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$5,481,495.00
	01/01/2022	2022-00000011	$1,000,000.00	$0.00	$6,481,495.00
	01/01/2022	2022-00000011	$0.00	$1,000,000.00	$5,481,495.00
	01/01/2022	2022-00000011	$3,025,000.00	$0.00	$8,506,495.00
	01/01/2022	2022-00000011	$0.00	$3,025,000.00	$5,481,495.00
	01/01/2022	2022-00000011	$50,000.00	$0.00	$5,531,495.00
	01/01/2022	2022-00000011	$0.00	$50,000.00	$5,481,495.00
	01/01/2022	2022-00000011	$406,495.00	$0.00	$5,887,990.00
	01/01/2022	2022-00000011	$0.00	$406,495.00	$5,481,495.00
	01/01/2022	2022-00000011	$600,000.00	$0.00	$6,081,495.00
	01/01/2022	2022-00000011	$0.00	$600,000.00	$5,481,495.00
	01/01/2022	2022-00000011	$400,000.00	$0.00	$5,881,495.00
	01/01/2022	2022-00000011	$0.00	$400,000.00	$5,481,495.00
	01/01/2022	2022-00001080	$1,887,336.00	$0.00	$7,368,831.00
	01/02/2022	2021-00007486	$375,000.00	$0.00	$7,743,831.00
	01/02/2022	2021-00007486	$53,500.00	$0.00	$7,797,331.00
	01/02/2022	2022-00001004	$0.00	$135,678.00	$7,661,653.00
	01/02/2022	2022-00001004	$0.00	$58,507.00	$7,603,146.00
	01/02/2022	2022-00001087	$0.00	$25,000.00	$7,578,146.00
	01/02/2022	2022-00001087	$44,415.00	$0.00	$7,622,561.00
	01/02/2022	2022-00001087	$0.00	$4,150.00	$7,618,411.00
	01/02/2022	2022-00001087	$4,150.00	$0.00	$7,622,561.00
	01/02/2022	2022-00001087	$0.00	$74,809.00	$7,547,752.00
	01/02/2022	2022-00001087	$0.00	$44,415.00	$7,503,337.00
	01/02/2022	2022-00001087	$0.00	$809,102.00	$6,694,235.00
	01/02/2022	2022-00001087	$809,102.00	$0.00	$7,503,337.00
	01/02/2022	2022-00001087	$0.00	$919,246.00	$6,584,091.00
	01/02/2022	2022-00001087	$919,246.00	$0.00	$7,503,337.00
	01/02/2022	2022-00001087	$0.00	$10,609.00	$7,492,728.00
	01/02/2022	2022-00001087	$25,000.00	$0.00	$7,517,728.00
	01/02/2022	2022-00001087	$10,609.00	$0.00	$7,528,337.00
	01/02/2022	2022-00001087	$74,809.00	$0.00	$7,603,146.00
			$9,684,662.00	$7,563,011.00	$7,603,146.00
Program: 6080 Water System Totals:			$9,684,662.00	$7,563,011.00	
Division: 75 Capital Outlay Totals:			$10,191,577.00	$7,704,256.00	
Department: 52 Public Works Totals:			$10,285,266.00	$7,725,131.00	
Fund Totals: Waterworks Fund			$13,339,586.00	$8,219,316.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 610 Sewerage Fund					
434 - Grants			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2021-00007486	$350,000.00	$0.00	$350,000.00
	01/02/2022	2021-00007486	$98,515.00	$0.00	$448,515.00
			$448,515.00	$0.00	$448,515.00
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		($262,487.00)
	01/01/2022	2022-00001083	$220,598.00	$0.00	($41,889.00)
	01/02/2022	2021-00007486	$3,006,654.00	$0.00	$2,964,765.00
	01/02/2022	2022-00001004	$0.00	$13,460.00	$2,951,305.00
			$3,227,252.00	$13,460.00	$2,951,305.00
Department: 52 Public Works					
Division: 40 Utilities					
Program: 5222 Storm System Maintenance					
530.30 - R&M Supplies Utility System			Amended Balance as of: 1/1/2022		$13,250.00
	01/01/2022	2022-00001080	$2,141.00	$0.00	$15,391.00
			$2,141.00	$0.00	$15,391.00
540.25 - Services Engineering			Amended Balance as of: 1/1/2022		$14,000.00
	01/01/2022	2022-00001080	$16,257.00	$0.00	$30,257.00
			$16,257.00	$0.00	$30,257.00
Program: 5222 Storm System Maintenance Totals:			$18,398.00	$0.00	
Division: 40 Utilities Totals:			$18,398.00	$0.00	
Division: 43 Engineering					
Program: 0000 General					
540.25 - Services Engineering			Amended Balance as of: 1/1/2022		$22,500.00
	01/01/2022	2022-00001080	$3,990.00	$0.00	$26,490.00
			$3,990.00	$0.00	$26,490.00
Program: 0000 General Totals:			$3,990.00	$0.00	
Division: 43 Engineering Totals:			$3,990.00	$0.00	
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 1/1/2022		$0.00
	01/01/2022	2022-00001080	$1,154.00	$0.00	$1,154.00
	01/02/2022	2022-00001087	$0.00	$1,154.00	$0.00
	01/02/2022	2022-00001087	$1,154.00	$0.00	$1,154.00
			$2,308.00	$1,154.00	$1,154.00
Program: 6010 Buildings & Facilities Totals:			$2,308.00	$1,154.00	
Program: 6020 Flood Control					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$685,000.00
	01/01/2022	2022-00000011	$30,000.00	$0.00	$715,000.00
	01/01/2022	2022-00000011	$0.00	$30,000.00	$685,000.00
	01/01/2022	2022-00000011	$275,000.00	$0.00	$960,000.00
	01/01/2022	2022-00000011	$0.00	$275,000.00	$685,000.00
	01/01/2022	2022-00000011	$60,000.00	$0.00	$745,000.00
	01/01/2022	2022-00000011	$0.00	$60,000.00	$685,000.00

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
	01/01/2022	2022-00000011	$110,000.00	$0.00	$795,000.00
	01/01/2022	2022-00000011	$0.00	$110,000.00	$685,000.00
	01/01/2022	2022-00000011	$10,000.00	$0.00	$695,000.00
	01/01/2022	2022-00000011	$0.00	$10,000.00	$685,000.00
	01/01/2022	2022-00000011	$200,000.00	$0.00	$885,000.00
	01/01/2022	2022-00000011	$0.00	$200,000.00	$685,000.00
	01/01/2022	2022-00001080	$197,056.00	$0.00	$882,056.00
	01/02/2022	2021-00007486	$500,375.00	$0.00	$1,382,431.00
	01/02/2022	2021-00007486	$22,500.00	$0.00	$1,404,931.00
	01/02/2022	2021-00007486	$146,150.00	$0.00	$1,551,081.00
	01/02/2022	2021-00007486	$175,508.00	$0.00	$1,726,589.00
	01/02/2022	2022-00001004	$0.00	$7,409.00	$1,719,180.00
	01/02/2022	2022-00001004	$0.00	$6,051.00	$1,713,129.00
	01/02/2022	2022-00001087	$0.00	$28,640.00	$1,684,489.00
	01/02/2022	2022-00001087	$0.00	$64,341.00	$1,620,148.00
	01/02/2022	2022-00001087	$0.00	$82,333.00	$1,537,815.00
	01/02/2022	2022-00001087	$64,341.00	$0.00	$1,602,156.00
	01/02/2022	2022-00001087	$0.00	$7,460.00	$1,594,696.00
	01/02/2022	2022-00001087	$7,460.00	$0.00	$1,602,156.00
	01/02/2022	2022-00001087	$0.00	$11,880.00	$1,590,276.00
	01/02/2022	2022-00001087	$28,640.00	$0.00	$1,618,916.00
	01/02/2022	2022-00001087	$82,333.00	$0.00	$1,701,249.00
	01/02/2022	2022-00001087	$0.00	$2,402.00	$1,698,847.00
	01/02/2022	2022-00001087	$2,402.00	$0.00	$1,701,249.00
	01/02/2022	2022-00001087	$11,880.00	$0.00	$1,713,129.00
			$1,923,645.00	$895,516.00	$1,713,129.00
Program: 6020 Flood Control Totals:			$1,923,645.00	$895,516.00	
Program: 6050 Sanitary Sewer System					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$200,000.00
	01/01/2022	2022-00000011	$150,000.00	$0.00	$350,000.00
	01/01/2022	2022-00000011	$0.00	$150,000.00	$200,000.00
	01/01/2022	2022-00000011	$50,000.00	$0.00	$250,000.00
	01/01/2022	2022-00000011	$0.00	$50,000.00	$200,000.00
	01/02/2022	2021-00007486	$2,360,636.00	$0.00	$2,560,636.00
	01/02/2022	2021-00007486	$250,000.00	$0.00	$2,810,636.00
			$2,810,636.00	$200,000.00	$2,810,636.00
Program: 6050 Sanitary Sewer System Totals:			$2,810,636.00	$200,000.00	
Division: 75 Capital Outlay Totals:			$4,736,589.00	$1,096,670.00	
Department: 52 Public Works Totals:			$4,758,977.00	$1,096,670.00	
Fund Totals: Sewerage Fund			$8,434,744.00	$1,110,130.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 620 Parking System Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		$316,620.00
	01/01/2022	2022-00001083	$63,961.00	$0.00	$380,581.00
			$63,961.00	$0.00	$380,581.00
Department: 52 Public Works					
Division: 38 Building, Grounds, Electrical					
Program: 5201 Buildings & Grounds Maintenance					
565.15 - Repair and Maintenance Buildings			Amended Balance as of: 1/1/2022		$52,020.00
	01/01/2022	2022-00001080	$32,330.00	$0.00	$84,350.00
			$32,330.00	$0.00	$84,350.00
Program: 5201 Buildings & Grounds Maintenance Totals:			$32,330.00	$0.00	
Division: 38 Building, Grounds, Electrical Totals:			$32,330.00	$0.00	
Division: 75 Capital Outlay					
Program: 6010 Buildings & Facilities					
610 - Buildings & Structures			Amended Balance as of: 1/1/2022		$40,000.00
	01/01/2022	2022-00000011	$40,000.00	$0.00	$80,000.00
	01/01/2022	2022-00000011	$0.00	$40,000.00	$40,000.00
	01/01/2022	2022-00001080	$31,631.00	$0.00	$71,631.00
	01/02/2022	2022-00001087	$0.00	$31,631.00	$40,000.00
	01/02/2022	2022-00001087	$31,631.00	$0.00	$71,631.00
			$103,262.00	$71,631.00	$71,631.00
Program: 6010 Buildings & Facilities Totals:			$103,262.00	$71,631.00	
Division: 75 Capital Outlay Totals:			$103,262.00	$71,631.00	
Department: 52 Public Works Totals:			$135,592.00	$71,631.00	
Fund Totals: Parking System Fund			$199,553.00	$71,631.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 702 Liability Insurance Fund					
Department: 34 Human Resources					
Division: 19 Liability Insurance Program					
Program: 0000 General					
555.50 - Insurance Unemployment Claims			Amended Balance as of: 1/1/2022		$25,000.00
	01/03/2022	2022-00000013	$0.00	$709.00	$24,291.00
			$0.00	$709.00	$24,291.00
575.10 - Other Memberships & Publications			Amended Balance as of: 1/1/2022		$16,500.00
	01/03/2022	2022-00000013	$709.00	$0.00	$17,209.00
			$709.00	$0.00	$17,209.00
Program: 0000 General Totals:			$709.00	$709.00	
Division: 19 Liability Insurance Program Totals:			$709.00	$709.00	
Department: 34 Human Resources Totals:			$709.00	$709.00	
Fund Totals: Liability Insurance Fund			$709.00	$709.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 710 Fleet Services Fund					
Department: 52 Public Works					
Division: 42 Fleet Services					
Program: 0000 General					
530.10 - R&M Supplies Vehicle Parts			Amended Balance as of: 1/1/2022		$411,000.00
	02/14/2022	2022-00000786	$0.00	$4,000.00	$407,000.00
			$0.00	$4,000.00	$407,000.00
565.10 - Repair and Maintenance Vehicles			Amended Balance as of: 1/1/2022		$78,940.00
	02/14/2022	2022-00000786	$4,000.00	$0.00	$82,940.00
			$4,000.00	$0.00	$82,940.00
Program: 0000 General Totals:			$4,000.00	$4,000.00	
Division: 42 Fleet Services Totals:			$4,000.00	$4,000.00	
Department: 52 Public Works Totals:			$4,000.00	$4,000.00	
Fund Totals: Fleet Services Fund			$4,000.00	$4,000.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

Village of Palatine

Budget Amendments Report

From Date: 1/1/2022 - To Date: 3/31/2022

Account	G/L Date	Journal	Increases	Decreases	Amended Balance
Fund: 820 Letter of Credit Fund					
499 - (Source)/Use of Reserves			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2021-00007486	$71,462.00	$0.00	$71,462.00
			$71,462.00	$0.00	$71,462.00
Department: 40 Community Development					
Division: 85 Other Charges					
Program: 0000 General					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2021-00007486	$21,462.00	$0.00	$21,462.00
			$21,462.00	$0.00	$21,462.00
Program: 0000 General Totals:			$21,462.00	$0.00	
Division: 85 Other Charges Totals:			$21,462.00	$0.00	
Department: 40 Community Development Totals:			$21,462.00	$0.00	
Department: 52 Public Works					
Division: 75 Capital Outlay					
Program: 0000 General					
615 - Improvements Other Than Buildings			Amended Balance as of: 1/1/2022		$0.00
	01/02/2022	2021-00007486	$50,000.00	$0.00	$50,000.00
			$50,000.00	$0.00	$50,000.00
Program: 0000 General Totals:			$50,000.00	$0.00	
Division: 75 Capital Outlay Totals:			$50,000.00	$0.00	
Department: 52 Public Works Totals:			$50,000.00	$0.00	
Fund Totals: Letter of Credit Fund			$142,924.00	$0.00	

Attachment: 1st Qtr 2022 Budget Adj Ordinance (1Q 2022 Budget Adj)

VILLAGE of PALATINE

DEPARTMENT OF FINANCE & OPERATIONS

INTEROFFICE MEMORANDUM

To: REID T. OTTESEN, VILLAGE MANAGER

From: PAUL D. MEHRING, CPA, FINANCE DIRECTOR

Subject: CY 2022 1ST QUARTER BUDGET ADJUSTMENTS & ROLLOVERS

Date: APRIL 11, 2022

The Department of Finance & Operations continues to monitor Village fiscal activities through quarterly budget reviews. This is done to identify potential problem areas and take corrective action at an early stage. The first quarter review is complete with several necessary adjustments to the Village's budget plan.

General Fund			
Increase -	Appropriation of New Revenue	Wellness program	***$ 25,000***
Motor Fuel Tax Fund			
Decrease -	Appropriation of New Revenue	Build Illinois Funds	***$ 753,029***
Downtown Area TIF (TIF #3) Fund			
Increase -	Appropriation of Reserves	Redevelopment expenditures	***$ 2,000***
Police Grant Fund			
Increase -	Appropriation of New Revenue	Public safety grants	***$ 98,228***
ARPA Fund			
Increase -	Appropriation of New Revenue	Federal grant	***$ 6,006,265***
Waterworks Fund			
Increase -	Appropriation of New Revenue	Water service agreement	***$ 12,760***

"Appropriation of New Revenue" - increase the expenditure budget as well as the revenue budget, thus do not affect fund reserves.

e 1st Quarter Budget Adjustments also include "rollover" adjustments. Rollover Adjustments are the mechanism by which previously approved funding is moved from one year's budget to the next. This allows for the continuation of funding for multi-year projects from one budget year to the next. The rollovers appear as a reduction to the 4th Quarter budget of one year and an increase to the 1st Quarter budget of the next year. Much of this amount represents various capital projects that span more than one year.

A summary of the rollover adjustments by fund is shown below.

Attachment: 1st Qtr 2022 Budget Adj Memo (1Q 2022 Budget Adj)

Budget Rollover from 2021 to 2022

General Fund	$ 401,633
Motor Fuel Tax Fund	1,880,329
CDBG Fund	8,909
Downtown Area TIF (TIF #3) Fund	609,522
Rand Corridor TIF (TIF #4) Fund	826,546
CDBG-CV Fund	371,351
Capital Equipment Fund	960,979
Capital Improvement Fund	882,938
Waterworks Fund	2,547,375
Sewerage Fund	3,662,307
Parking System Fund	63,961
Letter of Credit Fund	71,462
	$ 12,287,312

A summary of the year-to-date budget adjustments is presented in the table below.

		Adopted Budget	Rollover Amendments	1st Quarter Amendments	Adjusted Budget
100	General Fund	$ 64,640,172	$ 401,633	$ 25,000	$ 65,066,805
205	Motor Fuel Tax Fund	2,493,475	1,880,329	753,029	5,126,833
210	CDBG Fund	484,944	8,909	-	493,853
221	Federal Equitable Sharing Fund	20,000	-	-	20,000
222	State Equitable Sharing Fund	5,000	-	-	5,000
224	Foreign Fire Insurance Tax Fund	70,000	-	-	70,000
233	Downtown Area TIF (TIF #3) Fund	5,349,295	609,522	2,000	5,960,817
234	Rand Corridor TIF (TIF #4) Fund	4,380,195	826,546	-	5,206,741
235	Rand-Lake Cook TIF (TIF #5) Fund	1,355,000	-	-	1,355,000
252	Police Grant Fund	-	-	98,228	98,228
253	Fire Grant Fund	-	-	-	-
255	CDBG-CV Fund	-	371,351	-	371,351
256	ARPA Fund	-	-	6,006,265	6,006,265
300	Debt Service Fund	1,285,581	-	-	1,285,581
401	Capital Equipment Fund	1,366,630	960,979	-	2,327,609
402	Capital Improvement Fund	1,700,885	882,938	-	2,583,823
605	Waterworks Fund	13,663,610	2,547,375	12,760	16,223,745
610	Sewerage Fund	4,104,353	3,662,307	-	7,766,660
615	Refuse Fund	4,739,215	-	-	4,739,215
620	Parking System Fund	583,500	63,961	-	647,461
702	Liability Insurance Fund	2,130,000	-	-	2,130,000
710	Fleet Services Fund	1,693,530	-	-	1,693,530
801	Police Pension Fund	7,586,000	-	-	7,586,000
802	Fire Pension Fund	7,408,500	-	-	7,408,500
820	Letter of Credit Fund	-	71,462	-	71,462
		$ 125,059,885	**$ 12,287,312**	**$ 6,897,282**	**$ 144,244,479**

Attachment: 1st Qtr 2022 Budget Adj Memo (1Q 2022 Budget Adj)

Consider Ordinances and a Resolution Granting Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development Approvals for the Properties located at 607, 613, and 623 E. Algonquin Road and 1825 S. Roselle Road

BACKGROUND:
The Village Council conditionally approved the Preliminary Planned Development and Preliminary Plat of Subdivision for the Logistics Property Company (LPC) development on Algonquin Road in December 2021. Since that time, the Petitioner completed the Final Engineering and Architecture plans, which were reviewed by the Plan Commission on March 15th. Therefore, the Petitioner is requesting approval of the following:

1. **Final Planned Development;**
2. **Final Plat of Subdivision; and**
3. **Rezoning to Planned Development.**

KEY ISSUES:

- The Subject Property is 28.55 acres and is now owned by LPC. The Petitioner would develop a 367,696 square foot warehouse, distribution, or light manufacturing building, with associated parking and truck docks (36 initially proposed, with 24 potential additional future docks).

- As a condition of the Preliminary Planned Development, the landscaping/screening plans were to be revised to include: additional evergreens in the front yard area, an additional berm along Algonquin Road, an evaluation of off-site screening for 522 E. Algonquin Road (3-story condominium building) and the College Hill townhouse development to the northeast.

    - LPC prepared off-site landscaping and screening plans for both residential developments and worked to reach screening agreements with both HOA's. The 522 property agreed to the additional landscaping and screening and indicated this at the Plan Commission meeting. The plans include a 6-foot fence along Algonquin Road (352 linear feet) and additional landscape plantings. The College Hill property agreed to the off-site landscaping on March 30th, which includes 7 additional wintergreen arborvitae plantings at the entrance to College Hill Drive (from Algonquin Road) and along the driveway off College Hill to provide additional noise and light screening.

- With the Final Planned Development, the plans were revised to include the following landscaping/screening improvements:

    - The evergreen plantings in the front yard were increased in height to 8-feet (6-feet was initially proposed) and the number of evergreens was increased from 38 to 87.

- The plans also increased the berm height along Algonquin Road, up to 12 feet in height (the truck docks are now approximately 13 feet below the berm, with the grade differential). Two screening walls framing the eastern access to the site are also proposed.

- The engineering plans evaluated the potential to extend the sidewalk on the north side of Algonquin Road. The installation would be within a drainage swale and was not deemed to be feasible. The plans were revised to include a sidewalk along the Subject Property's Algonquin Road frontage.

ALTERNATIVES:

1. Approve the Final Planned Development, Final Subdivision, and Rezoning to Planned Development, for the proposed LPC development.
2. Do not approve the Final Planned Development, Final Subdivision, and Rezoning to Planned Development for the proposed LPC development.

RECOMMENDATION:

Public Hearing:	Plan Commission - March 15, 2022
Residents testifying:	7 Comments: Agreement with the off-site landscaping and screening improvements at 522 E. Algonquin Road, status of Planned Development approval, traffic and noise questions/concerns.
Vote:	The Plan Commission voted unanimously to approve the requested Final Planned Development, Final Plat of Subdivision, and Rezoning to Planned Development and Staff concurs.

ACTION REQUIRED:

A motion to approve the Final Planned Development, Final Plat of Subdivision, and Rezoning from R-1 to Planned Development at 607, 613, 623 (part of) E. Algonquin Road, and 1825 (part of) S. Roselle Road.

Consider a Resolution of Support for the Filing of a 6B Cook County Tax Classification Application for the Property Located at 623 E. Algonquin Road

BACKGROUND: One of the economic development tools available to communities within Cook County is the 6B Tax Classification program. This program is designed to encourage industrial/manufacturing development through the reduction of a property's tax assessment over a twelve-year period. In conjunction with an application for the program, a resolution of support is required from the municipality in which the property is located. Therefore, the Petitioner is seeking approval of the following:

> **Resolution of support for the filing of a 6B Cook County Tax Classification application for the property located at 623 E. Algonquin Road**

KEY ISSUES:

- The Petitioner, LPC Acquisition Company, LLC, is seeking to develop the approximately 28.55 acre site at 623 E. Algonquin Road.
- The Petitioner is proposing to redevelop the property with a new industrial/warehouse building totaling approximately 368,000 square feet. The Petitioner anticipates the proposed redevelopment will result in a total investment of over $42,000,000 and create 250 new jobs.
- Following completion of the proposed redevelopment, the Subject Property is projected to have a market value of approximately $42,800,000, which would generate an estimated $18,500,000 in total taxes over the life of the Class 6b Tax Incentive (or approximately $1,370,000 per year).
- The Cook County 6B Tax Classification is used for property tax relief for industrial/manufacturing uses. Properties are assessed at 10% of market value for the first 10 years, 15% for the 11th year, and 20% in the 12th year. In absence of this incentive, the property would normally be assessed at 25% of its market value.

ALTERNATIVES:

1. Recommend approval of the Resolution.
2. Do not recommend approval of the Resolution.

RECOMMENDATION:
Staff recommends approval of the Resolution.

ACTION REQUIRED:
Motion to approve a Resolution for support for the filing of a 6b Cook County Tax Classification for the property located at 623 E. Algonquin Road.

Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 2 Project

BACKGROUND:
Harvard Court and Mallard Drive, including the cul-de-sacs connecting to Mallard Drive south of Illinois Avenue, are recommended for water main replacement due to their age and the number of breaks that have occurred over the last several years. The water main replacement on Harvard Court will be from Illinois Avenue to the dead end (approximately 214 feet). The water main replacement on Mallard Drive will be from Illinois Avenue to Falmore Drive and includes Pintail Court, Mallard Court, Tern Drive and Gull Court (approximately 2,578 feet).

KEY ISSUES:
- On Tuesday, March 22, 2022, four bids were received, ranging from a high of $999,679.50 to a low of $837,777.
- The low responsive and responsible bidder was Holiday Sewer and Water Construction, Incorporated of Wauconda, Illinois in the amount of $837,777.
- The Engineer's estimate was $927,768.70.

ALTERNATIVES:
1. Award the contract for the 2022 Water Main Replacement Contract 2 to Holiday Sewer and Water Construction.
2. Refer back to Staff with comments.

RECOMMENDATION:
It is recommended that the contract for the 2022 Water Main Replacement Contract 2 Project be awarded to Holiday Sewer and Water Construction.

BUDGET IMPACT:
Funding is available in the water fund of the 2022 Capital Improvement Program to accommodate this work.

ACTION REQUIRED:
Motion to award the contract for the 2022 Water Main Replacement Contract 2 Project to Holiday Sewer and Water Construction, Incorporated of Wauconda, Illinois in the amount of $837,777.

Consider a Motion to Award a Contract for the 2022 Water Main Replacement Contract 3 Project

BACKGROUND:
Home Avenue, Ridge Trail, Baldwin Road, Gardenia Lane and Colfax Street are recommended for water main replacement due to their age and the number of breaks that have occurred over the last several years. The water main replacement on Home Avenue will be from Del Mar Drive to Thackeray Drive (approximately 245 feet). The water main replacement on Ridge Trail will be from Smith Street to the end of the cul-de-sac (approximately 246 feet). The water main replacement on Baldwin Road will be from south of Inverrary Lane to Dundee Road (approximately 787 feet). The water main replacement on Gardenia Lane will be from Old Hicks Road to Capri Drive (approximately 1,652 feet). The water main on Colfax Street will be at Eric Drive (approximately 30 feet).

KEY ISSUES:
- On Tuesday, April 5, 2022, four bids were received, ranging from a high of $1,485,000 to a low of $1,155,092.50.
- The low responsive and responsible bidder was John Neri Construction Company, Incorporated of Addison, Illinois in the amount of $1,155,092.50.
- The Engineer's estimate was $1,435,645.

ALTERNATIVES:
1. Award the contract for the 2022 Water Main Replacement Contract 3 to John Neri Construction Company Incoirporated.
2. Refer back to Staff with comments.

RECOMMENDATION:
It is recommended that the contract for the 2022 Water Main Replacement Contract 3 Project be awarded to John Neri Construction.

BUDGET IMPACT:
Funding is available in the water fund of the 2022 Capital Improvement Program to accommodate this work.

ACTION REQUIRED:
Motion to award the contract for the 2022 Water Main Replacement Contract 3 Project to John Neri Construction Company, Incorporated of Addison, Illinois in the amount of $1,155,092.50.

Consider a Motion Authorizing the Village Manager to Execute a Proposal for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects

BACKGROUND:
Construction is scheduled for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects. Work is tentatively scheduled to commence in May with construction to be substantially completed by late July for Contract 2 and by early August for Contract 3.

KEY ISSUES:
- Utilizing Construction Engineering Services is recommended to meet procedural requirements, assure quality construction, and allow for the necessary intermittent attention needed during this construction project.
- A qualification-based selection process was used for construction engineering.
- Doland Engineering completed the design and permitting for Contract 3 and demonstrated their ability to perform construction engineering on behalf of the Village in 2021 for water main replacement and storm water improvement projects.

ALTERNATIVES:
1. Authorize the Village Manager to execute the proposal from Doland Engineering for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects.

2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends authorizing the Village Manager to execute the proposal from Doland Engineering for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects.

BUDGET IMPACT:
Funding is available in the water fund of the 2022 Capital Improvement Program to accommodate this work.

ACTION REQUIRED:
Motion to authorize the Village Manager to execute the proposal from Doland Engineering for Construction Engineering Services for the 2022 Water Main Replacement Contract 2 and Contract 3 Projects in the not-to-exceed amount of $71,500.

Ordinance Amending Chapter 3 - Alcoholic Beverages

BACKGROUND:

On March 14, 2022, the Village Council engaged in a discussion related to operational matters of liquor license holders including the hours of operation. Additionally, the Village Council had a discussion about the prohibition of gaming for liquor establishments. Based upon the discussion and public input received, the Council provided direction to staff and this evening the matter is scheduled for possible action.

KEY ISSUES:

Liquor

As it relates to liquor license hours and operations, Chapter 3 is proposed to be amended in a manner that would adjust closing times of all restaurant/bars and other establishments with later closing times to 2:00 a.m. on Thursday, Friday and Saturday evenings. This would be done through adjustments in hours for some licenses and the elimination of the D-1 Liquor License, with all current D-1 holders becoming D License holders. The closing hours would be 1:00 a.m. Sunday through Wednesday and 2:00 a.m. Thursday through Saturday.

An additional classification that was discussed is the Late Close "LC" license. This license exists for two grandfathered establishments, Durty Nellie's and Gators. The present closing time is 4:00 a.m. seven days per week. In an effort to address concerns raised by staff on March 14th, staff had additional discussions with both Late Close establishments and the ordinance prepared for this evening would set the Late Close hours at 2:00 a.m. on Sunday through Wednesday and 3:00 a.m. on Thursday through Saturday.

Other operating parameters would remain the same.

Gaming

Three years ago, the Village Council discussed video gaming and it was decided to monitor any changes in neighboring communities and continue to prohibit gaming in Palatine. Concerns were raised at that time about whether gaming cafes could be prohibited.

Since the 2019 discussion, Schaumburg has approved video gaming (as well as reduced their liquor license hours). Additionally, several neighboring towns have developed ordinances that do not allow for gaming cafes to hold licenses. Specifically, cafes are prohibited in Mt. Prospect and Buffalo Grove while Schaumburg has a limit of five (5) licenses. Additionally, the state legislature recently approved a new law that preempts home rule authority and allows fraternal organizations to have video gaming even if prohibited by a municipality. Thus, video gaming can happen in Palatine whether we want it or not. Having an ordinance provides the Village with some level of regulation.

Staff has continued to maintain a dialogue with neighboring communities that have video gaming - including Schaumburg that added gaming since our 2019 discussion. Through our discussions we are not aware of any community that has experienced an increase in police calls or other calls for serve as a result of gaming. We don't anticipate any cost increases for the Village nor redirection of resources.

Based upon the research done by staff and the discussion on March 14th, an amendment to Chapter 3 creating a new "VG" Video Gaming Liquor License has been prepared. Among other things, this license would do the following:

- Terminals - up to six and subject to an approved floor plan. Terminals would need some screening from the rest of the establishment.

- Ownership/Good Standing - Establishment must have been in good standing with the Village for one year prior to application and held a Palatine liquor license.

- Advertising/Signage - No signage or anything depicting or advertising video gaming allowed on exterior of the establishment or anywhere on the inside that would be visible in any way from the outside.

- Video Surveillance - Required pursuant to State statute and include it to cover the exterior within 25 feet of entrances, 24-hour recording and recordings available to Police.

- Fee Structure - The terminal fee is proposed at $1,000 per terminal. The Class "VG" Liquor License fee is recommended at $5,142.

One other significant provision of the proposed ordinance is that the "VG" Video Gaming liquor license would automatically terminate in two years unless the Council takes subsequent action. This "sunset" provision will allow an opportunity to assess the impacts - positive and negative that may result from this license.

ALTERNATIVES:

1. Approve an ordinance amending Chapter 3 related to liquor hours and video gaming
2. Do not approve the ordinance or refer back with comments.

RECOMMENDATION:

Staff recommends approval of the ordinance amending Chapter 3 related to adjustments in liquor license hours and video gaming.

ACTION REQUIRED:

Action is at the discretion of the Village Council.

Authorize Village Manager to Execute a Contract for Replacement Storage Arrays

BACKGROUND: The three primary data storage arrays for the Village of Palatine computer systems will be end-of-life at the end of 2022. At the end-of-life period, the vendor no longer provides support for the critical equipment/software.

These storage arrays provide the bulk of storage for the different Village servers and databases. Additionally, the arrays replicate critical data between Village Hall, Public Works, and the Police Department, providing disaster recovery and residency for the environment.

The Village evaluated different vendors and decided to continue with HP / Nimble arrays from Cambridge Computers due to cost, performance and reliability. An RFP was published for 2.5 weeks but received only one response. This is most likely due to the opportunity being registered by the reseller with the manufacturer, limiting favorable pricing to only them.

The new arrays are "all flash," which significantly reduces the moving parts and increases reliability of the equipment. Additionally, flash arrays provide significant performance increases than hard disk-based arrays.

The bid of $89,854.39 reflects about an 80% discount over the MSRP price and is below the $100,000 budget.

KEY ISSUES:

- Current data arrays are going end of life in 2022.
- Critical infrastructure for the IT Operations and Disaster Recovery.

ALTERNATIVES:

1. Refer back to Staff.
2. Authorize the Village Manager to execute a contract for the replacement of storage arrays.

RECOMMENDATION:

Staff recommends the replacement arrays project with Cambridge Computers.

ACTION REQUIRED:
A motion to authorize the Village Manager to execute a contract with Cambridge Computers for the amount of $89,854.39 for storage arrays replacement project.

Consider an Ordinance Amending the Village of Palatine's CY 2021 Budget (4th Quarter Budget Adjustments)

BACKGROUND:
The Department of Finance and Operations continues to monitor Village fiscal activities through quarterly budget reviews. This is done to identify potential problem areas and take corrective action at an early stage.

KEY ISSUES:
The 2021 4th Quarter Budget Adjustments are made up of:

- **$12,287,312 - Budget Decrease -** Appropriation "rollover" - these adjustments decrease the expenditure budget in CY 2021 and will have a corresponding increase for the budget in CY 2022. These adjustments represent previously approved funds being carried forward from one budget year to the next to provide for continuity in funding for multi-year projects.

- **$5,354,768 - Budget Increase Using New Revenue Offsets -** These adjustments increase the expenditure budget as well as the revenue budget to account for new revenues that are specifically earmarked, thus do not affect fund reserves. Major components are:
    - $4,193,000 - Payment from Landowner to Redeem SSA #5 Bonds
    - $753,029 - Rebuild Illinois Funds

- **$2,766,771 - Budget Increase Appropriating Reserves -** These adjustments increase the expenditure budget without offsetting revenue, thus resulting in a use of reserves. Major components are:
    - $1,037,500 - Redeem SSA #5 Bonds
    - $808,100 - Final close-out of Health Insurance Fund
    - $418,060 - SWANCC True-Up

With these changes, the total Village-Wide 2021 budget will be decreased in the amount of **$4,165,773**.

RECOMMENDATION:
Staff recommends that the Village Council approve the 4th Quarter Budget Adjustments.

BUDGET IMPACT:
Decrease the CY 2021 Budget by **$4,165,773**.

ACTION REQUIRED:
Motion to approve the Ordinance providing for the 4th Quarter Adjustments to the CY 2021 Budget.

Consider an Ordinance Amending the Village of Palatine's CY 2022 Budget (1st Quarter Budget Adjustments)

BACKGROUND:
The Department of Finance and Operations continues to monitor Village fiscal activities through quarterly budget reviews. This is done to identify potential problem areas and take corrective action at an early stage.

KEY ISSUES:
The 1st Quarter Budget Adjustments are made up of:

$12,287,312 - Budget Increase - Appropriation "rollover" - these adjustments increase the expenditure budget in CY 2022 and have a corresponding decrease in the budget for CY 2021. These adjustments represent previously approved funds being carried forward from one budget year to the next to provide for continuity in funding for multi-year projects.

$6,895,282 - Budget Increase Using New Revenue Offsets - These adjustments increase the expenditure budget as well as the revenue budget to account for new revenues that are specifically earmarked, thus do not affect fund reserves. Major components are:

- $6,006,265 - ARPA Grant
- $753,029 - Rebuild Illinois Funds

$2,000 - Budget Increase Using Reserves - These adjustments increase the expenditure without offsetting revenue, thus result in a use of reserves.

With these changes, the total Village-Wide 2022 budget will be increased in the amount of **$19,184,594**.

RECOMMENDATION:
Staff recommends that the Village Council approve the 1st Quarter Budget Adjustments.

BUDGET IMPACT:
Increase the CY 2021 Budget by **$19,184,594**.

ACTION REQUIRED:
Motion to approve the Ordinance providing for the 1st Quarter Adjustments to the CY 2022 Budget.

Motion to Accept and Place on File the Village of Palatine's First Quarter 2022 Financial Report

BACKGROUND:

The Department of Finance and Operations prepares quarterly financial reports to keep the Mayor and Council abreast of the Village's fiscal activities.

The first and third quarter reports are done in the accompanying format and distributed as "Accept and Place on File". The Mid-Year financial review is done annually as a discussion item on an August agenda. Year-end information is distributed through a formal conveyance of the annual audit report that is presented to be "Accepted and Placed on File," usually on a May or June Agenda.

KEY ISSUES:

- General Fund Revenues and Expenditures are generally within expected levels.
- General Fund Cash Balance is in a strong position.
- General Fund Reserve Balances are as follows:

Economic Stabilization:	$ 2,500,000	(Formal Policy $1.0M)
Sales Tax/Supply-Chain Impact:	$ 1,500,000	
Petroleum/Inflation Hedge:	$ 1,000,000	
Pension Smoothing:	$ 180,000	
Operating Reserve:	$ 29.5M (3 mos. = $16.3M; 4 mos. = $21.7M)	

Operating reserves are currently $7.8 million more than the four-month maximum per the Reserve Policy. Staff will make a recommendation for the disposition of this excess reserve balance as part of the Mid-Year financial review.

RECOMMENDATION:

Staff recommends that the Mayor and Village Council accept and place on file the First Quarter 2022 Financial Report.

BUDGET IMPACT:

None.

ACTION REQUIRED:

Motion to accept and place on file the First Quarter 2022 Financial Report.

ATTACHMENTS:

- 1Q CY 2022 Quarterly Report

VILLAGE OF PALATINE

FINANCE DEPARTMENT
QUARTERLY REPORT

MARCH 31, 2022

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

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Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

GENERAL FUND OPERATING RESULTS

SUMMARY

For the 3 months ended March 31, 2022, revenues totaled $23.5 million, and expenditures totaled $16.8 million, respectively, resulting in a positive result from operations thus far of $6.7 million. Further detail is provided in the following tables.

General Fund Operating Results

	Adopted Budget	*Adjusted Budget*	*YTD Actual*	*Budget %*	*5 Yr Average %*
Revenues	$ 54,838,478	$ 64,355,811	$ 23,560,137	36.6%	32.9%
Expenditures	54,598,115	65,061,860	16,841,262	25.9%	26.3%
Source/(Use) of Reserves	$ 240,363	$ (706,049)	$ 6,718,875		

Note: The "5 Yr Average %" in this and all other tables presented in this report is a five-year average of actual year-to-date activity for the period to total annual activity.

REVENUES

The following table is a summary of revenues by type for this period.

	% of Annual Budget	*Adjusted Budget*	*YTD Actual*	*Budget %*	*5 Yr Average %*
Key Revenues					
Property tax	33.7%	$ 21,712,678	$ 11,469,329	52.8%	51.3%
Home rule sales tax	6.8%	4,400,000	1,588,602	36.1%	25.6%
State sales tax	14.3%	9,200,000	2,950,589	32.1%	25.1%
State income tax	12.4%	8,010,000	2,579,046	32.2%	24.0%
Sub-Total Key Revenues	67.3%	43,322,678	18,587,566	42.9%	37.9%
All Other Revenues					
Other taxes	3.4%	2,200,000	739,934	33.6%	25.6%
Licenses & permits	5.5%	3,560,700	790,224	22.2%	16.7%
Intergovernmental	9.4%	6,049,490	1,638,717	27.1%	26.0%
Fines and fees	10.7%	6,912,300	1,369,095	19.8%	23.4%
Interest	0.0%	-	(145,998)	NA	-6.7%
Miscellaneous	1.2%	757,655	180,228	23.8%	12.9%
Transfers In	2.4%	1,552,988	400,371	25.8%	25.9%
Sub-Total All Other Revenues	32.7%	21,033,133	4,972,571	23.6%	22.6%
Total Revenue	**100.0%**	**64,355,811**	**23,560,137**	**36.6%**	**32.9%**

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

The four key revenues that comprise approximately two-thirds of the General Fund's operating revenues are coming in, relative to the budget, about 5.0% above their five-year actual averages.

The current monthly cash collections of Sales Tax (home Rule and State) and Income Tax revenues, their five-year historical monthly cash collection levels, and a graph of the current and prior years' monthly cash collections compared to a "monthly budget" are displayed on pages 8 through 10.

The remaining one third of budgeted revenues, in total, are running 1% above the five-year average.

GENERAL FUND EXPENDITURES – BY CATEGORY

The following table is a summary of expenditures by category for this period.

	% of Annual Budget	*Adjusted Budget*	*YTD Actual*	*Budget %*	*5 Yr Average %*
Personnel and Benefits	85.9%	$ 55,875,380	$ 15,086,432	27.0%	26.9%
Supplies and Services	14.1%	9,186,480	1,754,830	19.1%	25.0%
Total Expenditures	**100.0%**	**65,061,860**	**16,841,262**	**25.9%**	**26.3%**

The % breakdown of Annual Budget shown above is a constant reminder that the Village is in the service industry, given that 86% of the budget is allocated to personnel and benefits. Personnel expenditures are running in-line with the five-year average.

The Supplies and Services category is approximately 6 percentage points under the five-year average. Representing "discretionary" spending, this category of expenditures is more susceptible to swings based merely on the uneven timing of disbursements.

GENERAL FUND EXPENDITURES – BY CATEGORY, BY DEPARTMENT

The chart on the following page displays these categories and how they compare to the five-year average at the Departmental level.

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

	% of Annual Budget	Adjusted Budget	YTD Actual	Budget %	5 Yr Average %
Personnel and Benefits		275,620	63,864	23.2%	23.9%
Supplies and services		42,065	4,143	9.8%	7.5%
Mayor and council	**0.5%**	**317,685**	**68,007**	**21.4%**	**21.7%**
Supplies and services		55,558	11,700	21.1%	12.3%
Boards and commissions	**0.1%**	**55,558**	**11,700**	**21.1%**	**12.3%**
Personnel and Benefits		142,930	27,157	19.0%	23.6%
Supplies and services		15,200	957	6.3%	21.7%
Village clerk	**0.2%**	**158,130**	**28,114**	**17.8%**	**23.5%**
Personnel and Benefits		769,620	153,324	19.9%	22.8%
Supplies and services		295,275	13,762	4.7%	10.0%
Village manager	**1.6%**	**1,064,895**	**167,086**	**15.7%**	**19.2%**
Personnel and Benefits		676,805	140,647	20.8%	22.1%
Supplies and services		1,828,720	424,569	23.2%	23.7%
Finance and operations	**3.9%**	**2,505,525**	**565,216**	**22.6%**	**19.3%**
Personnel and Benefits		103,670	19,074	18.4%	26.6%
Supplies and services		415,100	54,456	13.1%	16.5%
Legal	**0.8%**	**518,770**	**73,530**	**14.2%**	**17.9%**
Personnel and Benefits		996,400	96,773	9.7%	22.4%
Supplies and services		98,095	14,367	14.6%	22.3%
Human resources	**1.7%**	**1,094,495**	**111,140**	**10.2%**	**22.5%**
Personnel and Benefits		906,140	191,052	21.1%	22.9%
Supplies and services		634,474	116,594	18.4%	26.8%
Information technology	**2.4%**	**1,540,614**	**307,646**	**20.0%**	**23.8%**
Personnel and Benefits		2,761,625	514,791	18.6%	22.5%
Supplies and services		345,873	83,097	24.0%	26.9%
Community services	**4.8%**	**3,107,498**	**597,888**	**19.2%**	**22.9%**
Personnel and Benefits		23,989,490	6,878,608	28.7%	27.4%
Supplies and services		1,568,269	354,412	22.6%	29.1%
Police	**39.3%**	**25,557,759**	**7,233,020**	**28.3%**	**27.5%**
Personnel and Benefits		20,635,450	6,039,888	29.3%	28.2%
Supplies and services		1,333,132	195,781	14.7%	25.0%
Fire	**33.8%**	**21,968,582**	**6,235,669**	**28.4%**	**28.0%**
Personnel and Benefits		4,617,630	961,254	20.8%	24.1%
Supplies and services		2,554,719	480,992	18.8%	26.9%
Public Works	**11.0%**	**7,172,349**	**1,442,246**	**20.1%**	**25.1%**
Total Expenditures	**100.0%**	**65,061,860**	**16,841,262**	**25.9%**	**26.3%**

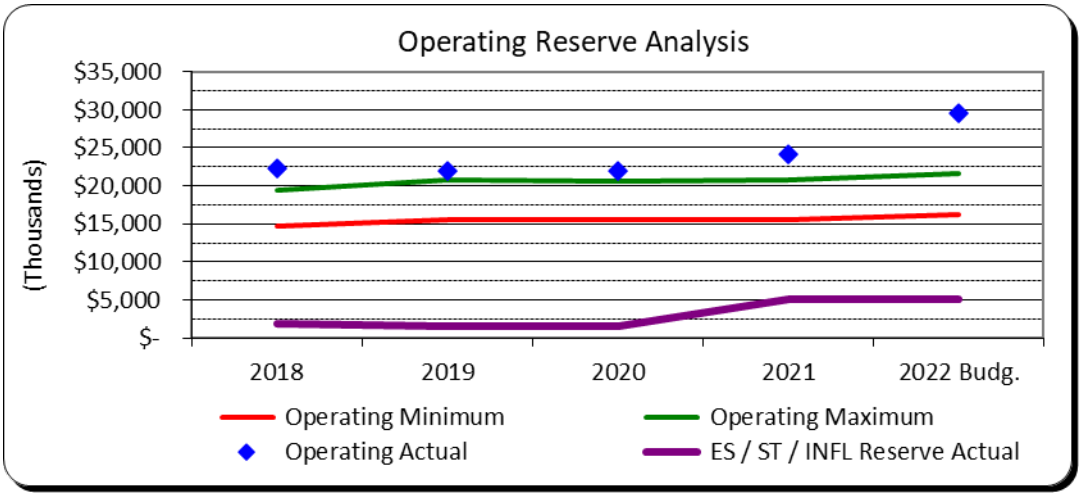
Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

RESERVES AND CASH BALANCES

Reserves:

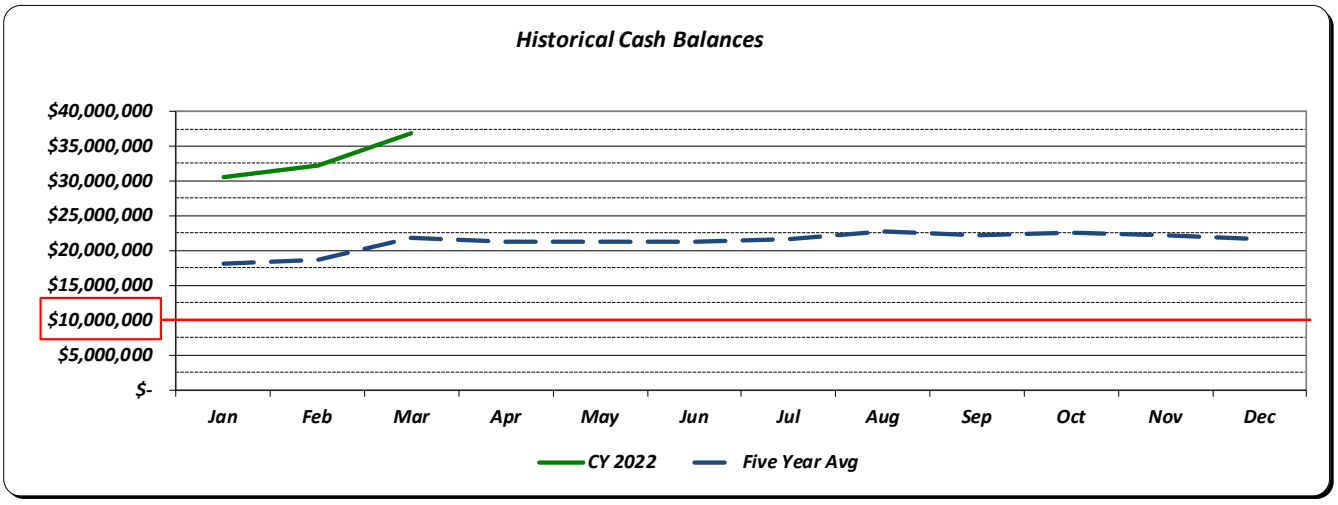
Operating reserves in the General Fund continue to remain at a healthy level. The Reserve Policy calls for operating reserves between 3 and 4 months of operating expenditures. The current level at the end of 2021 is five-plus months (5.44), or $29.5 million. The Economic Stabilization (ES), Sales Tax/Supply-Chain (ST), and Petroleum Inflation (INFL) reserves are $2.5M, $1.5M, and $1.0M, respectively (total $5.0M). There is also another $180,000 of designated reserves projected for Pension Smoothing. This designation was made with $900,000 of excess reserves from 2016 with a programmed use of $180,000 in each of the succeeding five years (2018 – 2022).

The chart presented below graphically depicts the reserve levels for the past five years.



Cash Balances:

Operating cash balances in the General Fund show continued strength. The cash balance is important to monitor because the Village "pools" its money and periodically makes short-term loans from the General Fund to other funds to cover any short-term cash shortfalls. Additionally, cash represents the "liquid" portion of the reserves. We consider the $10 million mark to be the lowest financially prudent balance that we would like to see. The chart below indicates the historical balances.



Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

REVENUES - ALL OTHER FUNDS

	Adjusted Budget	*YTD Actual*	*Budget %*	*5 Yr Average %*
SPECIAL REVENUE				
Motor Fuel Tax Fund	$ 3,258,329	$ 1,402,172	43.0%	24.1%
CDBG Fund	493,853	60,839	12.3%	10.7%
Federal Equitable Sharing Fund	20,000	19,500	97.5%	NA
State Equitable Sharing Fund	5,000	-	0.0%	NA
Foreign Fire Insurance Tax Fund	70,000	-	0.0%	0.9%
Downtown Area TIF (TIF #3) Fund	7,599,000	4,021,712	52.9%	41.1%
Rand Corridor TIF (TIF #4) Fund	3,434,000	2,000,369	58.3%	29.3%
Rand/Lake Cook TIF (TIF #5) Fund	1,600,000	702,334	43.9%	35.2%
Police Grant Fund	98,228	31,631	32.2%	NA
Fire Grant Fund	-	-	-	NA
CDBG-CV Fund	371,351	17,672	4.8%	NA
ARPA Fund	-	-	-	NA
	16,949,761	8,256,229	48.7%	
DEBT SERVICE				
Debt Service Fund	1,284,156	690,861	53.8%	22.6%
CAPITAL PROJECTS				
Capital Equipment Fund	1,331,195	345,427	25.9%	23.1%
Capital Improvement Fund	1,883,032	347,986	18.5%	27.5%
	3,214,227	693,413	21.6%	
ENTERPRISE				
Waterworks Fund	12,675,760	2,949,525	23.3%	22.6%
Sewerage Fund	4,810,355	1,139,677	23.7%	22.2%
Refuse Fund	4,746,890	1,228,481	25.9%	26.0%
Parking System Fund	265,880	69,905	26.3%	32.9%
	22,498,885	5,387,588	23.9%	
INTERNAL SERVICE				
Liability Insurance Fund	1,681,400	381,360	22.7%	24.5%
Fleet Services Fund	1,484,655	368,885	24.8%	24.0%
	3,166,055	750,245	23.7%	
PENSION TRUST				
Police Pension Fund	7,039,530	(3,593,174)	-51.0%	NA
Fire Pension Fund	6,974,485	(502,131)	-7.2%	NA
	14,014,015	(4,095,305)	-29.2%	
Total Revenues	**61,127,099**	**11,683,031**	**19.1%**	**24.7%**

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

EXPENDITURES - ALL OTHER FUNDS

	Adjusted Budget	*YTD Actual*	*Budget %*	*5 Yr Average %*
SPECIAL REVENUE				
Motor Fuel Tax Fund	$ 5,126,833	$ 51,755	1.0%	2.7%
CDBG Fund	493,853	60,839	12.3%	8.6%
Federal Equitable Sharing Fund	20,000	18,006	90.0%	NA
State Equitable Sharing Fund	5,000	-	0.0%	NA
Foreign Fire Insurance Tax Fund	70,000	15,234	21.8%	23.2%
Downtown Area TIF (TIF #3) Fund	5,960,817	37,020	0.6%	0.2%
Rand Corridor TIF (TIF #4) Fund	5,206,741	(16,568)	-0.3%	0.9%
Rand/Lake Cook TIF (TIF #5) Fund	1,355,000	-	0.0%	0.6%
Police Grant Fund	98,228	14,704	15.0%	NA
Fire Grant Fund	-	-	-	NA
CDBG-CV Fund	371,351	25,958	7.0%	NA
ARPA Fund	-	-	-	NA
	18,707,823	206,948	1.1%	
DEBT SERVICE				
Debt Service Fund	1,285,581	-	0.0%	0.0%
CAPITAL PROJECTS				
Capital Equipment Fund	2,327,609	593,426	25.5%	21.5%
Capital Improvement Fund	2,583,823	(17,489)	-0.7%	6.2%
	4,911,432	575,937	11.7%	
ENTERPRISE				
Waterworks Fund	16,223,745	2,083,402	12.8%	25.8%
Sewerage Fund	7,766,660	450,301	5.8%	12.5%
Refuse Fund	4,739,215	792,036	16.7%	16.2%
Parking System Fund	647,461	115,022	17.8%	7.9%
	29,377,081	3,440,761	11.7%	
INTERNAL SERVICE				
Liability Insurance Fund	2,130,000	891,099	41.8%	54.8%
Fleet Services Fund	1,693,530	426,127	25.2%	19.5%
	3,823,530	1,317,226	34.5%	
PENSION TRUST				
Police Pension Fund	7,586,000	1,820,331	24.0%	NA
Fire Pension Fund	7,408,500	1,780,153	24.0%	NA
	14,994,500	3,600,484	24.0%	
Total Expenditures	**73,099,947**	**9,141,356**	**12.5%**	**14.1%**

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

KEY REVENUES – NON-UTILITY CAPITAL FUNDS

	Adjusted Budget	*YTD Actual*	*Budget %*	*5 Yr Average %*
Street Program				
Motor Fuel Tax	$ 2,505,300	$ 649,142	25.9%	24.0%
Capital Equipment & Improvements				
Simplified Telcom Tax	$ 749,100	$ 155,198	20.7%	28.7%
Electric Use Utility Tax	1,250,000	250,038	20.0%	13.3%
Total CIP Key Revenues	**4,504,400**	**1,054,378**		

The key revenues of the non-utility capital funds are displayed in the table above. At this point in the year, the Motor Fuel Tax is slightly above the benchmark and Simplified Telcom Tax continues to lag the benchmark.

As can be seen on page 11, Motor Fuel Tax monthly cash collections in 2022 are running slightly ahead of prior year actual collections and the budget estimate. In 2022, the Village has received the 5th $750,000 installment of Rebuild Illinois Funds from the State.

We thought that the Simplified Telecommunications Tax stabilized in 2016 after having decreased on a year over year actual basis for the previous seven years. The decline stemmed from the continued erosion of the tax base as consumers continue to switch from land line services to using only cell phones, and other digital and smart devices. As can be seen on page 12, the erosion has resumed as seen in the decrease in actual receipts for the past 4 years. This trend is continuing in 2022.

Electric Use Utility Tax is flat dollar allocation of these collections and are not subject to fluctuations as these collections ebb and flow. Any variance in collections is "absorbed" in the General Fund.

The current monthly cash collections of these key revenues, their five-year historical monthly cash collection levels, and a graph of the current and prior years' monthly cash collections compared to a "monthly budget" are displayed on pages 11 through 13.

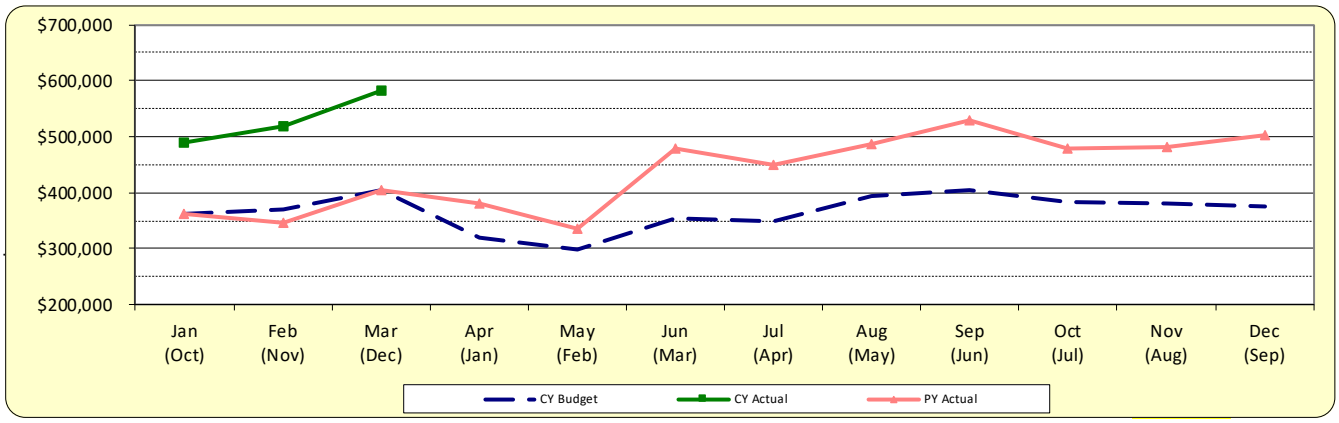
COMPLETE FINANCIAL DATA

The tables on the previous page present a snapshot of the Village's financial condition for this period. Fully detailed income statements of each Village fund are presented in APPENDIX A of this report.

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

HOME RULE SALES TAX RECEIPTS

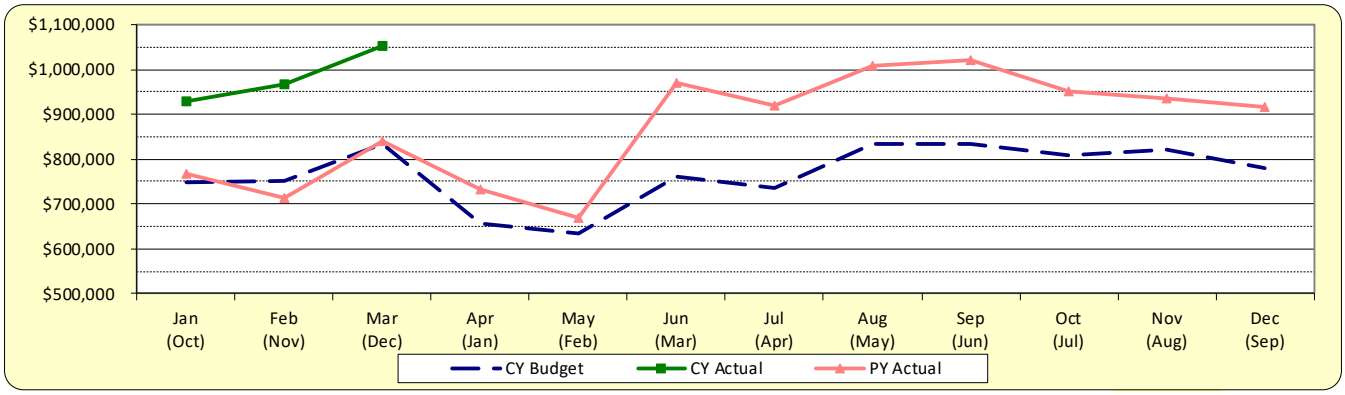
Collection Month / Sales Month	Jan (Oct)	Feb (Nov)	Mar (Dec)	Apr (Jan)	May (Feb)	Jun (Mar)	Jul (Apr)	Aug (May)	Sep (Jun)	Oct (Jul)	Nov (Aug)	Dec (Sep)	YTD Total
CY 2017													
Budget	$ 372,940	$ 370,700	$ 422,510	$ 326,490	$ 293,440	$ 352,840	$ 362,220	$ 398,840	$ 414,030	$ 383,660	$ 391,250	$ 377,380	$ 4,466,300
Actual	$ 332,970	$ 351,347	$ 404,322	$ 310,074	$ 307,919	$ 336,399	$ 297,246	$ 355,799	$ 343,069	$ 341,897	$ 342,150	$ 342,062	$ 4,065,254
											Over/(Under) PY		$ (221,513)
CY 2018													
Budget	$ 350,360	$ 349,940	$ 397,190	$ 308,550	$ 280,120	$ 332,800	$ 336,140	$ 371,680	$ 382,970	$ 357,470	$ 362,480	$ 351,200	$ 4,180,900
Actual	$ 360,142	$ 348,187	$ 409,846	$ 330,504	$ 299,532	$ 347,506	$ 334,486	$ 414,430	$ 387,080	$ 370,190	$ 360,732	$ 344,196	$ 4,306,831
											Over/(Under) PY		$ 241,577
CY 2019													
Budget	$ 360,730	$ 358,570	$ 408,080	$ 318,110	$ 290,560	$ 344,800	$ 344,370	$ 385,260	$ 392,150	$ 368,040	$ 372,350	$ 361,580	$ 4,304,600
Actual	$ 359,910	$ 477,559	$ 394,918	$ 305,401	$ 277,395	$ 327,678	$ 353,482	$ 395,462	$ 379,784	$ 375,847	$ 364,542	$ 355,093	$ 4,367,071
											Over/(Under) PY		$ 60,240
CY 2020													
Budget	$ 358,530	$ 368,470	$ 406,960	$ 315,710	$ 293,220	$ 345,120	$ 346,850	$ 389,660	$ 393,120	$ 371,930	$ 372,370	$ 362,860	$ 4,324,800
Actual	$ 392,719	$ 355,401	$ 405,858	$ 303,576	$ 282,589	$ 300,020	$ 274,029	$ 325,641	$ 379,814	$ 382,322	$ 366,785	$ 370,301	$ 4,139,055
											Over/(Under) PY		$ (228,016)
CY 2021													
Budget	$ 357,000	$ 364,650	$ 400,780	$ 311,100	$ 288,580	$ 336,180	$ 334,480	$ 378,680	$ 386,750	$ 368,480	$ 366,350	$ 356,970	$ 4,250,000
Actual	$ 362,031	$ 347,060	$ 403,396	$ 381,562	$ 336,222	$ 479,837	$ 448,603	$ 486,700	$ 528,916	$ 479,791	$ 480,785	$ 502,971	$ 5,237,874
											Over/(Under) PY		$ 1,098,819
CY 2022												TOTAL BUDGET	$ 4,400,000
Budget	$ 363,000	$ 368,720	$ 405,240										$ 1,136,960
Actual	$ 488,701	$ 517,529	$ 582,372										$ 1,588,602
Over/(Under) Budget													
Dollars	125,701	148,809	177,132										451,642
Percentage	34.63%	40.36%	43.71%										39.72%
Over/(Under) Prior Year													
Dollars	126,670	170,469	178,976										476,115
Percentage	34.99%	49.12%	44.37%										9.09%



Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

STATE SALES TAX RECEIPTS

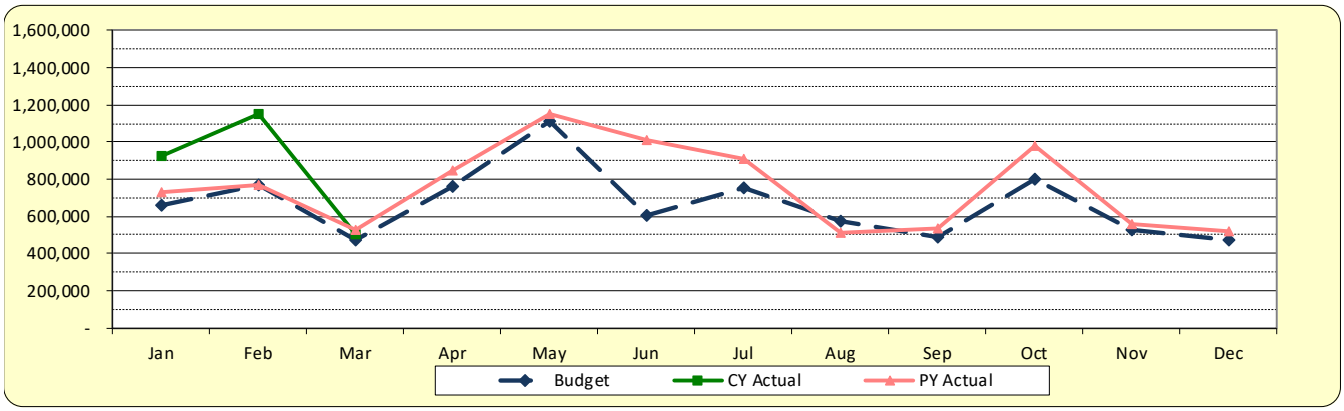
Collection Month Sales Month	Jan (Oct)	Feb (Nov)	Mar (Dec)	Apr (Jan)	May (Feb)	Jun (Mar)	Jul (Apr)	Aug (May)	Sep (Jun)	Oct (Jul)	Nov (Aug)	Dec (Sep)	YTD Total
CY 2017													
Budget	$ 669,610	$ 681,180	$ 758,070	$ 596,040	$ 575,370	$ 677,880	$ 681,180	$ 734,090	$ 754,760	$ 712,600	$ 732,440	$ 693,580	$ 8,266,800
Actual	$642,028	$672,875	$ 744,668	$ 570,895	$ 563,222	$ 644,888	$ 614,246	$ 697,099	$ 664,081	$ 676,122	$ 680,367	$ 670,822	$ 7,841,313
												Over/(Under) PY	$ (218,603)
CY 2018													
Budget	$661,250	$672,570	$ 736,430	$ 577,990	$ 558,590	$ 664,490	$ 656,400	$ 734,820	$ 723,500	$ 701,670	$ 712,180	$ 683,910	$ 8,083,800
Actual	$683,017	$658,853	$ 762,957	$ 621,188	$ 555,215	$ 674,977	$ 615,318	$ 749,628	$ 712,236	$ 699,400	$ 713,613	$ 658,942	$ 8,105,344
												Over/(Under) PY	$ 264,031
CY 2019													
Budget	$679,270	$686,670	$752,370	$590,570	$562,640	$680,920	$654,630	$749,910	$731,840	$713,770	$721,980	$689,130	$8,213,700
Actual	$677,464	$773,736	$ 770,678	$ 565,919	$ 563,873	$ 644,668	$ 668,794	$ 755,592	$ 699,464	$ 716,845	$ 711,537	$ 670,819	$ 8,219,389
												Over/(Under) PY	$114,045
CY 2020													
Budget	$733,380	$745,990	$ 827,080	$ 646,890	$ 630,670	$ 741,490	$ 731,580	$ 810,860	$ 807,260	$ 780,230	$ 795,550	$ 758,620	$ 9,009,600
Actual	$727,885	$714,040	$ 798,560	$ 602,286	$ 604,485	$ 620,206	$ 520,441	$ 712,261	$ 797,532	$ 809,391	$ 811,131	$ 757,956	$ 8,476,174
												Over/(Under) PY	$ 256,785
CY 2021													
Budget	$724,240	$733,920	$808,720	$630,960	$616,000	$716,320	$695,200	$786,720	$789,360	$770,000	$784,080	$744,480	$8,800,000
Actual	$768,642	$713,722	$ 840,463	$ 733,679	$ 668,051	$ 971,699	$ 919,928	$ 1,008,532	$ 1,022,196	$ 952,105	$ 935,772	$ 916,737	$10,451,526
												Over/(Under) PY	$1,975,352
CY 2022												TOTAL BUDGET	$ 9,200,000
Budget	$749,800	$752,560	$835,360										$2,337,720
Actual	$929,382	$967,307	$ 1,053,900										$2,950,589
Over/(Under) Budget													
Dollars	179,582	214,747	218,540										612,869
Percentage	23.95%	28.54%	26.16%										26.22%
Over/(Under) Prior Year													
Dollars	160,740	253,585	213,437										627,762
Percentage	20.91%	35.53%	25.40%										6.01%



Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

STATE INCOME TAX RECEIPTS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
CY 2017													
Budget	$ 585,350	$ 722,050	$ 395,880	$ 656,410	$ 1,017,100	$ 495,350	$ 644,230	$ 397,230	$ 393,850	$ 646,260	$ 439,180	$ 374,210	$ 6,767,100
Actual	$ 589,503	$ 681,799	$ 356,857	$ 688,190	$ 918,865	$ 475,207	$ 628,641	$ 300,426	$ 354,359	$ 539,533	$ 406,046	$ 357,477	$ 6,296,903
											Over/(Under) PY		$ (376,713)
CY 2018													
Budget	$ 538,120	$ 639,650	$ 339,240	$ 608,000	$ 946,640	$ 396,570	$ 578,740	$ 329,680	$ 338,640	$ 560,820	$ 382,240	$ 314,160	$ 5,972,500
Actual	$ 520,974	$ 754,106	$ 379,108	$ 582,136	$ 940,264	$ 434,367	$ 587,306	$ 431,121	$ 420,757	$ 653,934	$ 470,982	$ 390,379	$ 6,565,434
											Over/(Under) PY		$ 268,531
CY 2019													
Budget	$ 579,720	$ 716,350	$ 372,170	$ 651,290	$ 985,720	$ 439,180	$ 625,920	$ 368,910	$ 378,670	$ 612,250	$ 424,870	$ 351,350	$ 6,506,400
Actual	$ 568,808	$ 684,322	$ 412,050	$ 661,839	$ 1,376,719	$ 429,944	$ 642,970	$ 460,901	$ 407,920	$ 727,805	$ 475,005	$ 448,859	$ 7,297,142
											Over/(Under) PY		$ 731,708
CY 2020													
Budget	$ 621,030	$ 786,830	$ 413,780	$ 711,200	$ 1,150,430	$ 489,410	$ 685,750	$ 422,500	$ 423,230	$ 686,480	$ 471,950	$ 409,410	$ 7,272,000
Actual	$ 627,391	$ 646,384	$ 480,651	$ 705,955	$ 691,195	$ 428,133	$ 679,858	$ 929,512	$ 526,674	$ 762,670	$ 515,342	$ 456,251	$ 7,450,016
											Over/(Under) PY		$ 152,874
CY 2021													
Budget	$ 521,380	$ 613,070	$ 359,570	$ 577,120	$ 849,790	$ 387,140	$ 555,540	$ 435,680	$ 369,760	$ 574,120	$ 396,730	$ 353,000	$ 5,992,900
Actual	$ 726,900	$ 768,497	$ 529,645	$ 844,513	$ 1,153,614	$ 1,012,178	$ 908,016	$ 509,865	$ 538,445	$ 978,482	$ 560,920	$ 519,680	$ 9,050,755
												Over/(Under) PY	$ 1,600,739
CY 2022												TOTAL BUDGET	$ 8,010,000
Budget	$ 662,430	$ 772,160	$ 471,790										$ 1,906,380
Actual	$ 925,261	$ 1,153,716	$ 500,069										$ 2,579,046
Over/(Under) Budget													
Dollars	262,831	381,556	28,279										672,666
Percentage	39.68%	49.41%	5.99%										35.28%
Over/(Under) Prior Year													
Dollars	198,361	385,219	(29,576)										554,004
Percentage	31.62%	59.60%	-6.15%										8.03%
Population	67,908	67,908	67,908										67,908
Per Capita	$ 13.63	$ 16.99	$ 7.36										$ 37.98

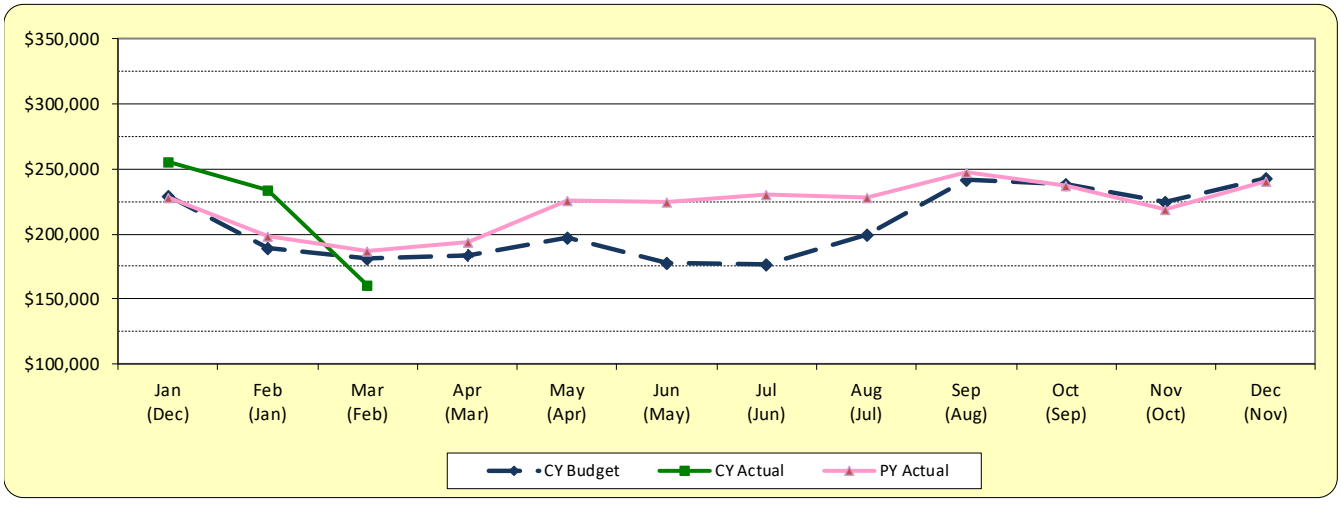


Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

MOTOR FUEL TAX RECEIPTS

	Jan (Dec)	Feb (Jan)	Mar (Feb)	Apr (Mar)	May (Apr)	Jun (May)	Jul (Jun)	Aug (Jul)	Sep (Aug)	Oct (Sep)	Nov (Oct)	Dec (Nov)	YTD Total
CY 2017													
Budget	$ 161,540	$ 161,180	$ 146,000	$ 136,000	$ 148,380	$ 168,570	$ 125,840	$ 160,460	$ 151,620	$ 135,580	$ 150,900	$ 156,830	$ 1,802,900
Actual	$ 162,636	$ 154,603	$ 147,405	$ 125,682	$ 150,104	$ 152,190	$ 120,858	$ 158,470	$ 149,682	$ 132,308	$ 151,483	$ 154,384	$ 1,759,805
												Over/(Under) PY	$ 22,211
Suppl Allotment - HG										$ 24,608			$ 24,608
CY 2018												TOTAL BUDGET	$ 1,814,200
Budget	$ 170,720	$ 160,560	$ 144,000	$ 120,000	$ 150,760	$ 171,800	$ 120,830	$ 165,640	$ 155,480	$ 134,070	$ 158,920	$ 161,420	$ 1,814,200
Actual	$ 151,487	$ 155,094	$ 134,367	$ 133,198	$ 156,945	$ 144,487	$ 132,415	$ 155,414	$ 149,864	$ 125,187	$ 164,248	$ 154,639	$ 1,757,345
												Over/(Under) PY	$ (2,460)
Suppl Allotment - HG		$ 24,609									$ 48,876		$ 73,485
CY 2019													
Budget	$ 164,120	$ 155,920	$ 140,000	$ 113,000	$ 151,200	$ 157,310	$ 117,510	$ 160,460	$ 144,740	$ 129,030	$ 154,000	$ 158,710	$ 1,746,000
Actual	$ 148,903	$ 148,739	$ 135,279	$ 129,369	$ 151,748	$ 139,068	$ 126,779	$ 158,466	$ 227,979	$ 247,632	$ 227,217	$ 255,855	$ 2,097,034
												Over/(Under) PY	$ 339,689
Suppl Allotment - HG												$ 12,185	$ 12,185
CY 2020													
Budget	$ 270,730	$ 263,920	$ 237,000	$ 199,000	$ 265,100	$ 253,550	$ 196,980	$ 275,170	$ 253,850	$ 221,270	$ 256,220	$ 269,210	$ 2,962,000
Actual	$ 300,944	$ 213,250	$ 210,958	$ 218,389	$ 203,331	$ 160,994	$ 165,640	$ 202,698	$ 236,529	$ 219,704	$ 216,787	$ 219,019	$ 2,568,243
												Over/(Under) PY	$ 471,209
Suppl Allotment - HG							$ 36,556				$ 81,885		$ 118,441
CY 2021													
Budget	$ 257,100	$ 206,960	$ 197,890	$ 198,690	$ 202,960	$ 171,490	$ 167,220	$ 206,430	$ 265,630	$ 267,230	$ 253,900	$ 271,500	$ 2,667,000
Actual	$ 227,583	$ 198,376	$ 187,339	$ 194,107	$ 225,847	$ 224,010	$ 230,123	$ 228,136	$ 247,367	$ 237,033	$ 218,335	$ 240,587	$ 2,658,843
												Over/(Under) PY	$ 90,600
Suppl Allotment - HG										$ 81,885			$ 81,885
CY 2022												TOTAL BUDGET	$ 2,480,300
Budget	$ 229,430	$ 189,740	$ 180,810									$ 599,980	
Actual	$ 254,941	$ 233,210	$ 160,992									$ 649,143	
Suppl Allotment - HG												$ -	

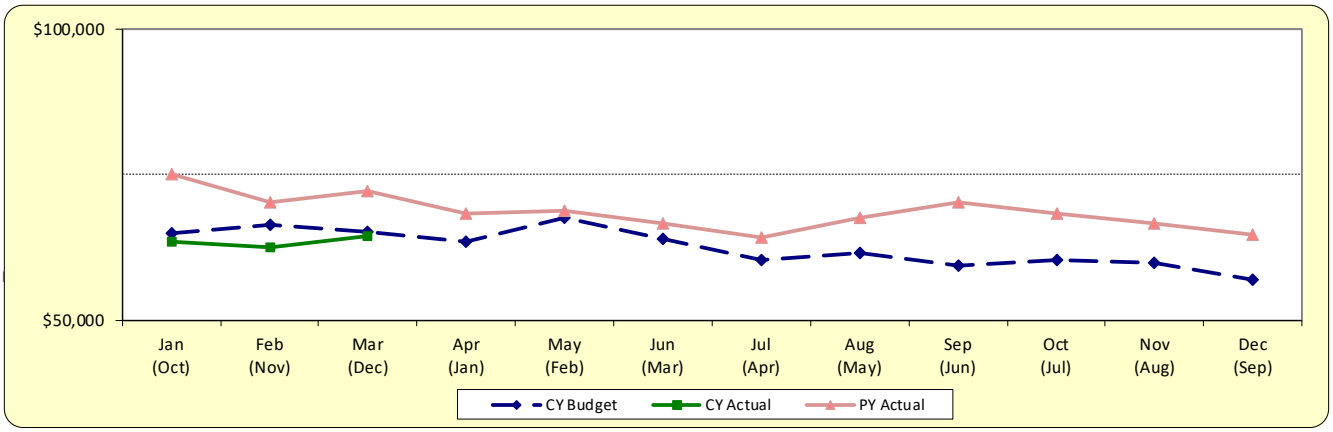
Over/(Under) Budget				
Dollars	25,511	43,470	(19,818)	49,163
Percentage	11.12%	22.91%	-10.96%	8.19%
Over/(Under) Prior Year				
Dollars	27,358	34,834	(26,347)	35,845
Percentage	9%	16%	-12%	1.40%
Population	67,908	67,908	67,908	
Per Capita	$ 3.75	$ 3.43	$ 2.37	



Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

TELECOMMUNICATION TAX RECEIPTS

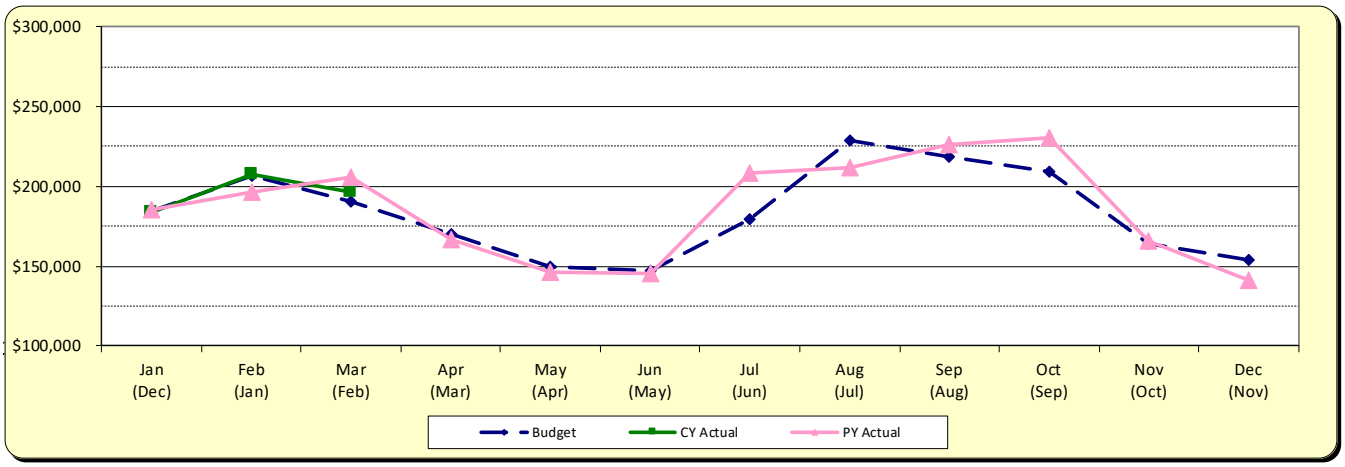
	Jan (Oct)	Feb (Nov)	Mar (Dec)	Apr (Jan)	May (Feb)	Jun (Mar)	Jul (Apr)	Aug (May)	Sep (Jun)	Oct (Jul)	Nov (Aug)	Dec (Sep)	YTD Total
CY 2017													
Budget	$ 131,300	$ 133,100	$ 152,000	$ 143,500	$ 132,100	$ 144,200	$ 136,800	$ 134,100	$ 132,400	$ 141,700	$ 124,100	$ 129,580	$ 1,634,880
Actual	$ 136,124	$ 135,864	$ 139,513	$ 132,482	$ 130,628	$ 138,903	$ 128,522	$ 133,886	$ 124,507	$ 124,690	$ 129,282	$ 123,143	$ 1,577,544
												Over/(Under) PY	$ (319,786)
CY 2018													
Budget	$ 143,000	$ 138,700	$ 171,100	$ 138,500	$ 135,300	$ 146,000	$ 136,600	$ 133,800	$ 131,400	$ 142,200	$ 131,900	$ 130,120	$ 1,678,620
Actual	$ 107,744	$ 104,392	$ 109,316	$ 122,117	$ 109,366	$ 120,729	$ 112,786	$ 113,828	$ 109,578	$ 112,377	$ 114,260	$ 108,956	$ 1,345,449
												Over/(Under) PY	$ (232,095)
CY 2019													
Budget	$ 111,800	$ 108,100	$ 138,100	$ 111,000	$ 107,100	$ 117,300	$ 108,300	$ 107,300	$ 104,300	$ 113,900	$ 105,900	$ 102,530	$ 1,335,630
Actual	$ 110,293	$ 104,966	$ 106,082	$ 101,719	$ 151,905	$ 100,865	$ 94,823	$ 95,881	$ 90,861	$ 94,659	$ 91,317	$ 88,957	$ 1,232,328
												Over/(Under) PY	$ (113,121)
CY 2020													
Budget	$ 108,800	$ 105,600	$ 138,900	$ 108,300	$ 114,300	$ 115,200	$ 105,800	$ 108,200	$ 103,800	$ 115,100	$ 105,600	$ 102,400	$ 1,332,000
Actual	$ 90,993	$ 116,715	$ 96,272	$ 84,508	$ 82,127	$ 84,997	$ 83,557	$ 81,090	$ 80,941	$ 84,290	$ 79,109	$ 70,146	$ 1,034,745
												Over/(Under) PY	$ (197,583)
CY 2021													
Budget	$ 87,200	$ 88,600	$ 113,100	$ 86,000	$ 90,000	$ 87,500	$ 82,200	$ 83,600	$ 80,200	$ 81,700	$ 81,700	$ 77,900	$ 1,039,700
Actual	$ 75,000	$ 70,161	$ 72,025	$ 68,240	$ 68,787	$ 66,520	$ 64,267	$ 67,599	$ 70,261	$ 68,204	$ 66,535	$ 64,682	$ 822,281
												Over/(Under) PY	$ (212,464)
CY 2022												TOTAL BUDGET	$ 749,100
Budget	$ 64,800	$ 66,300	$ 65,200										$ 196,300
Actual	$ 63,346	$ 62,564	$ 64,483										$ 190,393
Over/(Under) Budget													
Dollars	(1,454)	(3,736)	(717)										(5,907)
Percentage	-2.24%	-5.63%	-1.10%										-3.01%
Over/(Under) Prior Year													
Dollars	(11,654)	(7,597)	(7,542)										(26,793)
Percentage	-15.54%	-10.83%	-10.47%										-3.16%



Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

ELECTRIC USE UTILITY TAX RECEIPTS

	Jan (Dec)	Feb (Jan)	Mar (Feb)	Apr (Mar)	May (Apr)	Jun (May)	Jul (Jun)	Aug (Jul)	Sep (Aug)	Oct (Sep)	Nov (Oct)	Dec (Nov)	YTD Total
CY 2017													
Budget	$ 208,290	$ 227,340	$ 207,290	$ 191,500	$ 172,700	$ 172,950	$ 201,020	$ 261,430	$ 248,390	$ 247,140	$ 185,730	$ 182,720	$2,506,500
Actual	$ 195,492	$ 234,620	$ 193,592	$ 177,346	$ 161,690	$ 146,677	$ 189,902	$ 228,735	$ 214,486	$ 177,932	$ 192,862	$ 158,490	$2,271,824
												Over/(Under) PY	$276,805
CY 2018													
Budget	$ 195,020	$ 217,160	$ 193,860	$ 178,710	$ 161,700	$ 158,670	$ 188,500	$ 241,160	$ 228,570	$ 220,190	$ 177,780	$ 168,680	$ 2,330,000
Actual	$ 187,153	$ 251,551	$ 207,511	$ 184,570	$ 145,150	$ 157,295	$ 188,690	$ 254,837	$ 226,381	$ 220,280	$ 170,785	$ 156,317	$ 2,350,520
												Over/(Under) PY	$ 78,696
CY 2019													
Budget	$ 197,580	$ 227,580	$ 200,200	$ 183,540	$ 162,110	$ 161,640	$ 192,340	$ 248,520	$ 232,810	$ 224,720	$ 180,200	$ 169,260	$ 2,380,500
Actual	$ 196,749	$ 206,482	$ 211,503	$ 180,746	$ 156,229	$ 144,255	$ 160,529	$ 229,640	$ 228,483	$ 193,732	$ 167,898	$ 155,949	$ 2,232,195
												Over/(Under) PY	$ (118,325)
CY 2020													
Budget	$ 194,780	$ 221,540	$ 199,200	$ 180,580	$ 158,940	$ 156,850	$ 185,000	$ 242,480	$ 228,990	$ 217,120	$ 175,930	$ 165,690	$ 2,327,100
Actual	$ 189,659	$ 200,580	$ 190,319	$ 170,340	$ 150,432	$ 140,548	$ 186,302	$ 243,699	$ 228,303	$ 216,893	$ 145,723	$ 153,655	$ 2,216,453
												Over/(Under) PY	$ (15,742)
CY 2021													
Budget	$ 181,160	$ 204,020	$ 184,610	$ 167,140	$ 147,300	$ 144,280	$ 172,750	$ 226,240	$ 213,510	$ 202,510	$ 160,460	$ 152,720	$ 2,156,700
Actual	$ 184,997	$ 196,767	$ 205,364	$ 166,515	$ 146,242	$ 145,232	$ 208,151	$ 211,247	$ 225,783	$ 230,035	$ 165,686	$ 141,055	$ 2,227,074
												Over/(Under) PY	$ 10,621
CY 2022												Total Budget	$ 2,200,000
Budget	$ 184,580	$ 206,580	$ 190,080										$ 581,240
Actual	$ 183,390	$ 207,298	$ 196,396										$ 587,084
Over/(Under) Budget													
Dollars	(1,190)	718	6,316										5,844
Percentage	-0.64%	0.35%	3.32%										1.01%
Over/(Under) Prior Year													
Dollars	(1,607)	10,531	(8,968)										(44)
Percentage	-0.87%	5.35%	-4.37%										0.00%



Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

A P P E N D I X A

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
REVENUE						
Property Tax Police Protection	3,417,839.00	1,312,960.08	1,802,130.74	1,615,708.26	53	3,322,717.1
Property Tax Fire Protection	3,417,839.00	1,313,417.00	1,802,766.00	1,615,073.00	53	3,321,551.0
Property Tax FICA	2,652,000.00	1,019,007.00	1,398,666.00	1,253,334.00	53	2,542,064.0
Property Tax IMRF	1,100,000.00	422,872.00	580,425.00	519,575.00	53	1,173,886.0
Property Tax Police Pension	5,500,000.00	2,170,367.73	2,986,058.74	2,513,941.26	54	5,540,173.7
Property Tax Fire Pension	5,625,000.00	2,108,210.16	2,899,283.00	2,725,717.00	52	5,380,303.2
Sales Tax Home Rule	4,400,000.00	582,372.02	1,588,602.09	2,811,397.91	36	5,720,013.2
Food & Beverage Tax	1,200,000.00	123,261.15	352,228.40	847,771.60	29	1,433,381.0
Hotel/Motel Tax	50,000.00	5,043.95	15,464.96	34,535.04	31	90,910.7
Simplified Telecommunications Tax	.00	11,920.00	35,195.00	(35,195.00)	+++	147,142.0
Electric Use Utility Tax	950,000.00	71,396.43	337,046.09	612,953.91	35	2,225,397.6
Business Licenses & Permits Professional & Occupational	220,000.00	14,105.00	219,882.00	118.00	100	225,714.5
Business Licenses & Permits Liquor Licenses	325,000.00	.00	7,663.25	317,336.75	2	315,391.3
Business Licenses & Permits Rental Dwelling License	446,700.00	30,519.00	118,499.00	328,201.00	27	482,303.0
Business Licenses & Permits Other Licenses & Permits	150,000.00	24,122.00	71,910.00	78,090.00	48	172,442.0
Non-Business Licenses & Permits Building Permits & Fees	1,054,000.00	81,347.99	335,065.20	718,934.80	32	1,488,397.2
Non-Business Licenses & Permits Vehicle Licenses	1,300,000.00	9,975.00	31,952.00	1,268,048.00	2	1,230,444.0
Non-Business Licenses & Permits Pet Licenses	30,000.00	406.00	1,057.00	28,943.00	4	29,176.0
Non-Business Licenses & Permits Other Non-Business Lic & Permits	35,000.00	1,190.00	8,278.94	26,721.06	24	67,734.6
Shared Revenues Road & Bridge Tax	715,000.00	265,459.02	364,579.29	350,420.71	51	675,597.7
Shared Revenues Replacement Tax	191,100.00	52,960.62	92,976.45	98,123.55	49	212,933.0
Shared Revenues Sales Tax - State	9,200,000.00	1,053,900.41	2,950,589.39	6,249,410.61	32	11,165,852.9
Shared Revenues Local Use Tax	2,880,000.00	308,879.52	759,986.37	2,120,013.63	26	2,827,606.7
Shared Revenues State Income Tax	8,010,000.00	500,069.20	2,579,046.17	5,430,953.83	32	9,050,756.0
Shared Revenues Auto Rental Tax	40,000.00	4,295.16	12,251.44	27,748.56	31	40,519.7
Shared Revenues Charitable Games Tax	1,500.00	.00	.00	1,500.00	0	673.5
Shared Revenues TIF Surplus	.00	.00	.00	.00	+++	354,807.4
Shared Revenues Cannabis Excise Tax	95,000.00	9,980.88	29,009.82	65,990.18	31	95,016.3
Reimbursements Public Safety	30,000.00	956.46	2,580.46	27,419.54	9	47,452.6
Reimbursements Dist 211 Officer	391,700.00	39,170.00	117,510.00	274,190.00	30	368,500.0
Reimbursements Dist 211 Academy Officer	237,480.00	19,790.00	59,370.00	178,110.00	25	223,440.0
Reimbursements Dist 15 Officer	391,700.00	39,170.00	117,510.00	274,190.00	30	368,500.0
Reimbursements Dist 15 Crossing Guards	36,850.00	3,685.00	11,055.00	25,795.00	30	14,400.0
Reimbursements Rural Fire District	720,510.00	.00	.00	720,510.00	0	708,470.0
Reimbursements State Hwy Maintenance	187,680.00	46,199.00	46,199.00	141,481.00	25	183,750.0
Reimbursements Park District - CC & CSF	123,985.00	.00	612.58	123,372.42	0	122,370.5
Reimbursements Rural/Meadows Agreement	13,835.00	.00	15,942.00	(2,107.00)	115	13,694.0
Grants	30,000.00	.00	20,495.68	9,504.32	68	27,632.2
Intragovernmental Service Charge Water	603,000.00	50,250.00	150,750.00	452,250.00	25	574,000.0
Intragovernmental Service Charge Sewer	540,000.00	45,000.00	135,000.00	405,000.00	25	540,000.0
Intragovernmental Service Charge Refuse	150,000.00	12,500.00	37,500.00	112,500.00	25	158,000.0
Intragovernmental Service Charge Parking	163,000.00	13,583.00	40,749.00	122,251.00	25	163,000.0
Intragovernmental Service Charge CDBG	96,988.00	12,124.00	36,372.00	60,616.00	38	103,039.0
Gen Govt Fees CATV Franchise Fees	1,002,200.00	.00	255,792.85	746,407.15	26	1,036,523.5
Gen Govt Fees Photocopy Fees	12,000.00	301.00	4,896.00	7,104.00	41	11,901.5
Gen Govt Fees Mulch Delivery	25,000.00	28,815.00	28,815.00	(3,815.00)	115	28,395.0
Gen Govt Fees 50/50 Trees	.00	1,307.00	1,307.00	(1,307.00)	+++	4,636.0
Gen Govt Fees Other Fees	15,000.00	2,025.00	6,125.60	8,874.40	41	31,184.6
Comm Dev Fees Plan Review Fees	400,000.00	21,842.19	103,125.12	296,874.88	26	530,031.8
Comm Dev Fees Inspection Fees	275,000.00	12,700.53	54,400.78	220,599.22	20	247,701.3
Other PS Fees Special Police Service	151,900.00	17,870.63	48,979.71	102,920.29	32	202,008.2
Other PS Fees Special Fire Service	20,300.00	3,543.75	3,543.75	16,756.25	17	24,071.5
Other PS Fees Ambulance Fees	2,790,300.00	267,593.64	583,003.69	2,207,296.31	21	1,691,030.0
Other PS Fees Vehicle Impound Fees	.00	.00	.00	.00	+++	500.0
Other PS Fees False Alarm Fees	3,500.00	350.00	650.00	2,850.00	19	2,225.00

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Other PS Fees Spiller Pays Fees	5,000.00	.00	.00	5,000.00	0	17,557.2
Other PS Fees FD Accident Fee	45,000.00	4,239.14	12,121.95	32,878.05	27	42,860.8
Fines Circuit Court Fines	213,200.00	21,020.64	69,921.55	143,278.45	33	366,307.6
Fines Compliance Violations	1,040,000.00	72,086.46	217,359.42	822,640.58	21	829,809.2
Fines Red Light Violations	901,900.00	1,710.65	4,767.56	897,132.44	1	277,850.3
Fines DUI Fines	10,000.00	.00	.00	10,000.00	0	.0
Fines Other Fines and Fees	2,000.00	.00	.00	2,000.00	0	1,275.0
Interest Income Investments	101,400.00	442.72	2,714.02	98,685.98	3	73,305.5
Interest Income Loans	.00	.00	.00	.00	+++	111,196.0
Investment Income Unrealized Gain/Loss	.00	.00	(145,997.67)	145,997.67	+++	(88,222.92
Rental Income Buildings	122,655.00	11,442.25	34,326.75	88,328.25	28	144,602.7
Insurance & Property Damage Property Damage Recovery	25,000.00	1,443.02	11,302.22	13,697.78	45	23,525.0
Insurance & Property Damage Workers Comp Recovery	25,000.00	.00	2,959.34	22,040.66	12	27,777.4
Other Misc Reimbursements/Refunds	390,000.00	128,029.19	129,498.25	260,501.75	33	430,981.3
Other Miscellaneous Donations	.00	.00	500.00	(500.00)	+++	2,050.0
Other Miscellaneous Forfeitures	5,000.00	150.00	150.00	4,850.00	3	23,215.6
Other Streetfest Revenue	185,000.00	.00	.00	185,000.00	0	117,512.0
Other Miscellaneous Income	5,000.00	1,115.00	1,144.50	3,855.50	23	9,575.7
Other Cash Over/Short	.00	.90	346.74	(346.74)	+++	(650.42
Interfund Transfers In	.00	.00	.00	.00	+++	75,782.1
(Source)/Use of Reserves	572,744.00	.00	.00	572,744.00	0	.0
REVENUE TOTALS	$65,066,805.00	$12,378,493.49	$23,604,012.19	$41,462,792.81	36%	$69,245,674.0

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
EXPENSE						
Department **10 - Mayor & Council**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	100,500.00	7,423.08	21,119.24	79,380.76	21	87,500.0
Taxes & Benefits Medicare	1,690.00	90.65	255.29	1,434.71	15	1,062.7
Taxes & Benefits Social Security	7,185.00	387.63	1,091.58	6,093.42	15	4,544.1
Taxes & Benefits Medical/Dental Insurance	150,790.00	12,564.36	37,693.08	113,096.92	25	135,702.0
Taxes & Benefits Life Insurance	455.00	35.42	106.26	348.74	23	389.2
Taxes & Benefits Allowances	15,000.00	1,199.40	3,598.20	11,401.80	24	13,793.1
Office Supplies General	250.00	.00	46.96	203.04	19	90.2
Office Supplies Paper	100.00	1.84	7.39	92.61	7	30.3
Office Supplies Printed Forms	350.00	.00	.00	350.00	0	.0
Operating Supplies Clothing	1,000.00	.00	89.00	911.00	9	.0
Operating Supplies Other	950.00	.00	.00	950.00	0	677.2
Services Management Consulting	5,000.00	.00	.00	5,000.00	0	.0
Other Memberships & Publications	32,915.00	500.00	4,000.00	28,915.00	12	36,713.1
Other Training & Travel	1,500.00	.00	.00	1,500.00	0	.0
Program **0000 - General** Totals	$317,685.00	$22,202.38	$68,007.00	$249,678.00	21%	$280,502.3
Division **01 - Administration** Totals	$317,685.00	$22,202.38	$68,007.00	$249,678.00	21%	$280,502.3
Department **10 - Mayor & Council** Totals	$317,685.00	$22,202.38	$68,007.00	$249,678.00	21%	$280,502.3

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **12 - Boards & Commissions**						
Division **04 - Police & Fire Commission**						
Program **0000 - General**						
Office Supplies Printed Forms	2,830.00	.00	.00	2,830.00	0	8,228.5
Services Medical	.00	.00	.00	.00	+++	16,683.0
Services Other	17,600.00	5,413.50	5,863.50	11,736.50	33	3,770.0
Other Memberships & Publications	375.00	.00	375.00	.00	100	375.0
Program **0000 - General** Totals	$20,805.00	$5,413.50	$6,238.50	$14,566.50	30%	$29,056.5
Division **04 - Police & Fire Commission** Totals	$20,805.00	$5,413.50	$6,238.50	$14,566.50	30%	$29,056.5
Division **05 - Board of Health**						
Program **0000 - General**						
Office Supplies General	100.00	.00	.00	100.00	0	.0
Office Supplies Paper	225.00	.00	.00	225.00	0	.0
Operating Supplies Other	350.00	.00	.00	350.00	0	89.8
Services Medical	3,735.00	.00	.00	3,735.00	0	2,977.8
Printing/Advertising Outside Printing Services	240.00	.00	.00	240.00	0	.0
Program **0000 - General** Totals	$4,650.00	$0.00	$0.00	$4,650.00	0%	$3,067.6
Division **05 - Board of Health** Totals	$4,650.00	$0.00	$0.00	$4,650.00	0%	$3,067.6
Division **06 - Beautification Commission**						
Program **0000 - General**						
Office Supplies Paper	100.00	.00	.00	100.00	0	.0
Operating Supplies Other	30,003.00	5,091.00	5,461.72	24,541.28	18	21,679.3
Program **0000 - General** Totals	$30,103.00	$5,091.00	$5,461.72	$24,641.28	18%	$21,679.3
Division **06 - Beautification Commission** Totals	$30,103.00	$5,091.00	$5,461.72	$24,641.28	18%	$21,679.3
Department **12 - Boards & Commissions** Totals	$55,558.00	$10,504.50	$11,700.22	$43,857.78	21%	$53,803.5

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **14 - Village Clerk**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	98,155.00	7,184.42	19,640.33	78,514.67	20	96,259.4
Salaries Special Compensation	.00	.00	.00	.00	+++	625.5
Taxes & Benefits Medicare	1,440.00	102.90	259.50	1,180.50	18	1,375.0
Taxes & Benefits Social Security	6,130.00	439.99	1,109.65	5,020.35	18	5,879.2
Taxes & Benefits IMRF Er Contribution	7,980.00	591.00	1,439.73	6,540.27	18	10,136.5
Taxes & Benefits Medical/Dental Insurance	28,385.00	1,478.16	4,508.06	23,876.94	16	19,158.0
Taxes & Benefits Life Insurance	260.00	20.36	55.96	204.04	22	207.4
Taxes & Benefits Allowances	580.00	47.96	143.88	436.12	25	689.5
Office Supplies General	1,050.00	.00	21.09	1,028.91	2	218.7
Office Supplies Paper	500.00	28.51	56.25	443.75	11	151.5
Services Other	3,000.00	.00	.00	3,000.00	0	3,303.0
Communications Postage	75.00	.00	.00	75.00	0	56.7
Printing/Advertising Legal Notices	7,000.00	353.70	710.10	6,289.90	10	3,966.2
Other Small Tools & Equipment	500.00	.00	.00	500.00	0	.0
Other Memberships & Publications	875.00	.00	170.00	705.00	19	825.0
Other Training & Travel	2,200.00	.00	.00	2,200.00	0	303.4
Program **0000 - General** Totals	$158,130.00	$10,247.00	$28,114.55	$130,015.45	18%	$143,155.3
Division **01 - Administration** Totals	$158,130.00	$10,247.00	$28,114.55	$130,015.45	18%	$143,155.3
Department **14 - Village Clerk** Totals	$158,130.00	$10,247.00	$28,114.55	$130,015.45	18%	$143,155.3

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **20 - Village Manager's Office**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	507,670.00	38,092.60	100,446.99	407,223.01	20	342,630.3
Salaries Part Time	.00	.00	.00	.00	+++	36,546.0
Salaries Special Compensation	14,525.00	.00	.00	14,525.00	0	31,589.3
Taxes & Benefits Deferred Compensation	29,970.00	2,258.70	5,954.14	24,015.86	20	22,227.7
Taxes & Benefits Medicare	8,275.00	575.17	1,540.70	6,734.30	19	6,408.4
Taxes & Benefits Social Security	35,370.00	2,459.32	6,587.87	28,782.13	19	17,406.6
Taxes & Benefits IMRF Er Contribution	51,415.00	3,756.70	9,976.38	41,438.62	19	51,884.1
Taxes & Benefits Medical/Dental Insurance	53,220.00	5,055.00	15,091.42	38,128.58	28	35,980.2
Taxes & Benefits Life Insurance	3,615.00	81.40	1,807.39	1,807.61	50	2,787.8
Taxes & Benefits RHS Er Contribution	4,945.00	475.08	1,306.84	3,638.16	26	4,750.9
Taxes & Benefits Allowances	18,100.00	675.00	1,732.50	16,367.50	10	9,041.8
Office Supplies General	1,540.00	174.85	368.24	1,171.76	24	1,040.9
Office Supplies Paper	125.00	3.70	14.80	110.20	12	60.6
Services Other	2,500.00	.00	.00	2,500.00	0	2,987.0
Communications Postage	45,150.00	3,023.81	9,023.81	36,126.19	20	42,044.2
Rental Office Equipment	4,000.00	967.86	967.86	3,032.14	24	3,871.4
Other Small Tools & Equipment	500.00	.00	.00	500.00	0	87.9
Other Memberships & Publications	4,120.00	.00	.00	4,120.00	0	3,575.3
Other Training & Travel	8,000.00	199.00	296.13	7,703.87	4	2,286.5
Program **0000 - General** Totals	$793,040.00	$57,798.19	$155,115.07	$637,924.93	20%	$617,207.7
Division **01 - Administration** Totals	$793,040.00	$57,798.19	$155,115.07	$637,924.93	20%	$617,207.7
Division **09 - Public Information/Events**						
Program **0000 - General**						
Salaries Part Time	38,265.00	3,022.40	8,311.60	29,953.40	22	37,617.0
Taxes & Benefits Medicare	555.00	43.82	120.52	434.48	22	545.4
Taxes & Benefits Social Security	2,375.00	187.39	515.32	1,859.68	22	2,332.2
Taxes & Benefits IMRF Er Contribution	3,565.00	281.38	773.80	2,791.20	22	4,494.6
Office Supplies General	540.00	.00	.00	540.00	0	26.9
Office Supplies Paper	125.00	3.70	14.80	110.20	12	60.6
Operating Supplies Medical	300.00	.00	.00	300.00	0	344.6
Operating Supplies Other	6,775.00	94.95	528.09	6,246.91	8	2,110.0
Services Data Processing/Technology	1,000.00	.00	421.33	578.67	42	948.0
Services Other	1,000.00	.00	.00	1,000.00	0	.0
Rental Machinery	750.00	.00	.00	750.00	0	.0
Other Training & Travel	1,500.00	.00	.00	1,500.00	0	.0
Program **0000 - General** Totals	$56,750.00	$3,633.64	$10,685.46	$46,064.54	19%	$48,479.6
Program **2002 - Cable TV/Channel 6**						
Salaries Part Time	2,500.00	216.00	432.00	2,068.00	17	1,813.5
Taxes & Benefits Medicare	40.00	3.14	6.27	33.73	16	26.3
Taxes & Benefits Social Security	160.00	13.38	26.78	133.22	17	112.4
Operating Supplies Other	500.00	.00	.00	500.00	0	.0
Other Small Tools & Equipment	750.00	.00	.00	750.00	0	.0
Program **2002 - Cable TV/Channel 6** Totals	$3,950.00	$232.52	$465.05	$3,484.95	12%	$1,952.2
Program **2004 - Street Fest**						
Services Other	185,000.00	.00	.00	185,000.00	0	151,456.4
Program **2004 - Street Fest** Totals	$185,000.00	$0.00	$0.00	$185,000.00	0%	$151,456.4
Division **09 - Public Information/Events** Totals	$245,700.00	$3,866.16	$11,150.51	$234,549.49	5%	$201,888.3

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Division **10 - Economic Development**						
Program **0000 - General**						
Printing/Advertising Outside Printing Services	1,000.00	.00	.00	1,000.00	0	500.0
Other Memberships & Publications	100.00	.00	.00	100.00	0	.0
Other Training & Travel	2,500.00	.00	.00	2,500.00	0	.0
Refunds	27,500.00	.00	2,126.77	25,373.23	8	2,080.1
Program **0000 - General** Totals	$31,100.00	$0.00	$2,126.77	$28,973.23	7%	$2,580.1
Division **10 - Economic Development** Totals	$31,100.00	$0.00	$2,126.77	$28,973.23	7%	$2,580.1
Department **20 - Village Manager's Office** Totals	$1,069,840.00	$61,664.35	$168,392.35	$901,447.65	16%	$821,676.1

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **30 - Finance & Operations**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	259,670.00	20,260.80	55,717.20	203,952.80	21	254,075.6
Salaries Part Time	3,000.00	230.76	692.28	2,307.72	23	2,999.8
Salaries Special Compensation	5,165.00	.00	.00	5,165.00	0	17,835.5
Taxes & Benefits Deferred Compensation	10,645.00	834.80	2,303.92	8,341.08	22	10,394.5
Taxes & Benefits Medicare	4,145.00	309.72	854.78	3,290.22	21	4,149.3
Taxes & Benefits Social Security	17,710.00	1,324.30	3,654.91	14,055.09	21	13,666.1
Taxes & Benefits IMRF Er Contribution	25,650.00	1,964.23	5,414.75	20,235.25	21	33,741.5
Taxes & Benefits Medical/Dental Insurance	35,480.00	3,695.40	11,086.20	24,393.80	31	31,118.1
Taxes & Benefits Life Insurance	635.00	48.28	144.84	490.16	23	513.4
Taxes & Benefits Allowances	7,020.00	585.00	1,755.00	5,265.00	25	6,727.5
Office Supplies General	1,000.00	17.82	155.10	844.90	16	878.9
Office Supplies Paper	500.00	.00	26.24	473.76	5	125.5
Communications Postage	250.00	.00	26.43	223.57	11	82.9
Other Small Tools & Equipment	500.00	.00	.00	500.00	0	.0
Other Memberships & Publications	2,520.00	94.50	593.00	1,927.00	24	1,803.0
Other Training & Travel	6,750.00	.00	188.71	6,561.29	3	667.3
Program **0000 - General** Totals	$380,640.00	$29,365.61	$82,613.36	$298,026.64	22%	$378,779.4
Division **01 - Administration** Totals	$380,640.00	$29,365.61	$82,613.36	$298,026.64	22%	$378,779.4
Division **11 - Accounting Services**						
Program **0000 - General**						
Salaries Full Time	180,955.00	13,935.20	38,321.80	142,633.20	21	177,177.2
Salaries Overtime	500.00	.00	.00	500.00	0	22.1
Salaries Special Compensation	1,000.00	.00	.00	1,000.00	0	1,000.0
Taxes & Benefits Medicare	2,655.00	192.27	528.79	2,126.21	20	2,484.9
Taxes & Benefits Social Security	11,325.00	822.14	2,261.06	9,063.94	20	10,625.3
Taxes & Benefits IMRF Er Contribution	16,995.00	1,297.36	3,567.74	13,427.26	21	21,292.7
Taxes & Benefits Medical/Dental Insurance	44,350.00	3,695.40	11,086.20	33,263.80	25	39,912.4
Taxes & Benefits Life Insurance	405.00	33.40	100.20	304.80	25	361.3
Office Supplies General	750.00	.00	149.35	600.65	20	227.1
Office Supplies Paper	500.00	.00	26.24	473.76	5	168.7
Office Supplies Printed Forms	800.00	.00	.00	800.00	0	2,884.6
Services Financial	53,850.00	.00	.00	53,850.00	0	45,550.0
Services Banking	101,400.00	4,130.23	16,059.64	85,340.36	16	162,814.5
Repair and Maintenance Software	24,750.00	.00	775.00	23,975.00	3	19,507.7
Other Small Tools & Equipment	500.00	.00	.00	500.00	0	.0
Other Memberships & Publications	750.00	.00	100.00	650.00	13	100.0
Other Training & Travel	2,250.00	.00	.00	2,250.00	0	125.0
Program **0000 - General** Totals	$443,735.00	$24,106.00	$72,976.02	$370,758.98	16%	$484,254.0
Division **11 - Accounting Services** Totals	$443,735.00	$24,106.00	$72,976.02	$370,758.98	16%	$484,254.0
Division **12 - Billing & Collections**						

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Program **3021 - Cashiering**						
Salaries Part Time	32,785.00	.00	2,519.00	30,266.00	8	25,708.0
Salaries Overtime	10,000.00	63.42	102.14	9,897.86	1	2,486.5
Taxes & Benefits Medicare	625.00	1.40	54.81	570.19	9	457.4
Taxes & Benefits Social Security	2,660.00	5.98	234.40	2,425.60	9	1,955.9
Taxes & Benefits IMRF Er Contribution	3,430.00	8.98	247.10	3,182.90	7	3,560.6
Office Supplies General	500.00	83.09	83.09	416.91	17	217.2
Office Supplies Paper	500.00	.00	26.24	473.76	5	125.5
Services Data Processing/Technology	12,500.00	.00	.00	12,500.00	0	1,632.7
Services Other	3,000.00	.00	.00	3,000.00	0	.0
Communications Postage	17,500.00	.00	17,500.00	.00	100	12,500.0
Printing/Advertising Outside Printing Services	43,000.00	.00	.00	43,000.00	0	36,080.3
Repair and Maintenance Machinery & Equipment	980.00	.00	.00	980.00	0	.0
Repair and Maintenance Software	1,020.00	.00	1,010.92	9.08	99	995.0
Other Small Tools & Equipment	750.00	.00	.00	750.00	0	.0
Other Training & Travel	500.00	.00	.00	500.00	0	.0
Program **3021 - Cashiering** Totals	$129,750.00	$162.87	$21,777.70	$107,972.30	17%	$85,719.4
Division **12 - Billing & Collections** Totals	$129,750.00	$162.87	$21,777.70	$107,972.30	17%	$85,719.4
Division **17 - Village Wide Benefit Programs**						
Program **0000 - General**						
Insurance Liability Premiums	1,551,400.00	129,283.00	387,849.00	1,163,551.00	25	1,406,500.0
Program **0000 - General** Totals	$1,551,400.00	$129,283.00	$387,849.00	$1,163,551.00	25%	$1,406,500.0
Division **17 - Village Wide Benefit Programs** Totals	$1,551,400.00	$129,283.00	$387,849.00	$1,163,551.00	25%	$1,406,500.0
Division **80 - Interfund Transfers**						
Program **0000 - General**						
Interfund Transfers Out	.00	.00	.00	.00	+++	60,000.0
Program **0000 - General** Totals	$0.00	$0.00	$0.00	$0.00	+++	$60,000.0
Division **80 - Interfund Transfers** Totals	$0.00	$0.00	$0.00	$0.00	+++	$60,000.0
Department **30 - Finance & Operations** Totals	$2,505,525.00	$182,917.48	$565,216.08	$1,940,308.92	23%	$2,415,252.9

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **32 - Legal**						
Division **13 - Village Attorney**						
Program **0000 - General**						
Services Legal	288,750.00	15,775.50	35,089.24	253,660.76	12	292,092.7
Communications Postage	100.00	.00	.00	100.00	0	91.5
Program **0000 - General** Totals	$288,850.00	$15,775.50	$35,089.24	$253,760.76	12%	$292,184.2
Division **13 - Village Attorney** Totals	$288,850.00	$15,775.50	$35,089.24	$253,760.76	12%	$292,184.2
Division **14 - Village Prosecutor**						
Program **0000 - General**						
Services Legal	41,500.00	.00	6,900.00	34,600.00	17	41,400.0
Program **0000 - General** Totals	$41,500.00	$0.00	$6,900.00	$34,600.00	17%	$41,400.0
Division **14 - Village Prosecutor** Totals	$41,500.00	$0.00	$6,900.00	$34,600.00	17%	$41,400.0
Division **15 - Labor/Collective Bargaining**						
Program **0000 - General**						
Services Legal	45,000.00	3,467.50	7,082.50	37,917.50	16	37,923.7
Program **0000 - General** Totals	$45,000.00	$3,467.50	$7,082.50	$37,917.50	16%	$37,923.7
Division **15 - Labor/Collective Bargaining** Totals	$45,000.00	$3,467.50	$7,082.50	$37,917.50	16%	$37,923.7
Division **16 - Administrative Adjudication**						
Program **0000 - General**						
Salaries Full Time	74,815.00	5,185.11	14,511.48	60,303.52	19	49,566.5
Salaries Other	.00	411.62	411.62	(411.62)	+++	.0
Taxes & Benefits Medicare	1,090.00	81.23	225.27	864.73	21	708.9
Taxes & Benefits Social Security	4,640.00	347.29	963.20	3,676.80	21	3,031.3
Taxes & Benefits IMRF Er Contribution	6,970.00	521.06	1,457.53	5,512.47	21	5,935.8
Taxes & Benefits Medical/Dental Insurance	15,970.00	.00	1,478.16	14,491.84	9	7,982.4
Taxes & Benefits Life Insurance	185.00	3.94	26.64	158.36	14	102.8
Office Supplies General	1,350.00	.00	.00	1,350.00	0	243.9
Office Supplies Paper	500.00	9.25	36.99	463.01	7	151.5
Office Supplies Printed Forms	300.00	.00	.00	300.00	0	205.7
Services Legal	37,500.00	1,500.00	5,347.50	32,152.50	14	35,362.5
Other Memberships & Publications	100.00	.00	.00	100.00	0	.0
Program **0000 - General** Totals	$143,420.00	$8,059.50	$24,458.39	$118,961.61	17%	$103,291.5
Division **16 - Administrative Adjudication** Totals	$143,420.00	$8,059.50	$24,458.39	$118,961.61	17%	$103,291.5
Department **32 - Legal** Totals	$518,770.00	$27,302.50	$73,530.13	$445,239.87	14%	$474,799.5

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **34 - Human Resources**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	235,910.00	18,519.00	50,918.64	184,991.36	22	228,695.6
Salaries Part Time	115,120.00	6,705.66	18,895.93	96,224.07	16	84,224.7
Salaries Overtime	250.00	.00	.00	250.00	0	38.7
Salaries Special Compensation	3,775.00	.00	.00	3,775.00	0	9,524.4
Taxes & Benefits Deferred Compensation	8,645.00	686.18	1,895.09	6,749.91	22	8,442.5
Taxes & Benefits Medicare	5,390.00	369.14	1,023.68	4,366.32	19	4,908.9
Taxes & Benefits Social Security	23,010.00	1,578.35	4,377.20	18,632.80	19	19,464.9
Taxes & Benefits IMRF Er Contribution	32,070.00	2,412.33	6,688.80	25,381.20	21	40,605.2
Taxes & Benefits Medical/Dental Insurance	44,350.00	3,695.40	11,086.20	33,263.80	25	39,912.4
Taxes & Benefits Life Insurance	525.00	44.20	132.60	392.40	25	463.5
Taxes & Benefits Allowances	7,020.00	585.00	1,755.00	5,265.00	25	6,727.5
Office Supplies General	1,350.00	.00	.00	1,350.00	0	343.9
Office Supplies Paper	500.00	9.25	36.99	463.01	7	151.5
Communications Postage	300.00	.00	.00	300.00	0	.0
Repair and Maintenance Software	31,600.00	.00	8,751.64	22,848.36	28	30,225.0
Other Small Tools & Equipment	250.00	.00	.00	250.00	0	.0
Other Memberships & Publications	2,270.00	.00	856.00	1,414.00	38	1,473.0
Other Training & Travel	4,750.00	75.00	75.00	4,675.00	2	1,332.1
Program **0000 - General** Totals	$517,085.00	$34,679.51	$106,492.77	$410,592.23	21%	$476,534.4
Division **01 - Administration** Totals	$517,085.00	$34,679.51	$106,492.77	$410,592.23	21%	$476,534.4
Division **17 - Village Wide Benefit Programs**						
Program **0000 - General**						
Salaries Special Compensation	459,500.00	.00	.00	459,500.00	0	.0
Taxes & Benefits Medicare	6,670.00	.00	.00	6,670.00	0	.0
Taxes & Benefits Social Security	28,490.00	.00	.00	28,490.00	0	.0
Taxes & Benefits IMRF Er Contribution	25,675.00	.00	.00	25,675.00	0	.0
Taxes & Benefits Medical/Dental Insurance	.00	.00	.00	.00	+++	(3,093.54
Taxes & Benefits Life Insurance	.00	.00	.00	.00	+++	(119.10
Services Management Consulting	400.00	124.00	124.00	276.00	31	.0
Services Medical	.00	.00	.00	.00	+++	16,746.0
Services Management Fees	8,875.00	1,166.22	3,888.58	4,986.42	44	7,423.2
Services Other	500.00	.00	.00	500.00	0	.0
Other Training & Travel	2,300.00	.00	.00	2,300.00	0	4,223.1
Other Tuition Assistance	20,000.00	.00	634.50	19,365.50	3	13,223.0
Program **0000 - General** Totals	$552,410.00	$1,290.22	$4,647.08	$547,762.92	1%	$38,402.7
Program **2010 - Wellness Program**						
Operating Supplies Other	7,500.00	.00	.00	7,500.00	0	.0
Services Other	17,500.00	.00	.00	17,500.00	0	.0
Program **2010 - Wellness Program** Totals	$25,000.00	$0.00	$0.00	$25,000.00	0%	$0.0
Division **17 - Village Wide Benefit Programs** Totals	$577,410.00	$1,290.22	$4,647.08	$572,762.92	1%	$38,402.7
Department **34 - Human Resources** Totals	$1,094,495.00	$35,969.73	$111,139.85	$983,355.15	10%	$514,937.2

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **38 - Information Technology**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	556,070.00	43,047.40	118,380.35	437,689.65	21	542,976.3
Salaries Part Time	30,410.00	1,950.77	5,408.43	25,001.57	18	23,891.6
Salaries Special Compensation	9,065.00	.00	.00	9,065.00	0	15,324.5
Taxes & Benefits Deferred Compensation	8,900.00	703.24	1,941.23	6,958.77	22	8,689.3
Taxes & Benefits Medicare	8,895.00	662.89	1,826.19	7,068.81	21	8,577.0
Taxes & Benefits Social Security	38,010.00	2,834.34	7,808.47	30,201.53	21	34,720.9
Taxes & Benefits IMRF Er Contribution	55,730.00	4,073.20	11,217.05	44,512.95	20	67,755.0
Taxes & Benefits Medical/Dental Insurance	61,715.00	5,057.98	15,173.94	46,541.06	25	55,578.9
Taxes & Benefits Life Insurance	1,225.00	102.54	298.99	926.01	24	1,102.5
Taxes & Benefits Allowances	8,660.00	687.48	2,062.44	6,597.56	24	7,906.0
Office Supplies General	6,350.00	230.00	2,829.99	3,520.01	45	5,858.9
Office Supplies Paper	350.00	.00	.00	350.00	0	.0
Operating Supplies Other	200.00	.00	.00	200.00	0	.0
Services Management Consulting	50,000.00	.00	.00	50,000.00	0	.0
Services Data Processing/Technology	90,764.00	713.91	21,014.76	69,749.24	23	83,454.4
Communications Postage	750.00	.00	.00	750.00	0	342.9
Communications Other	250.00	.00	.00	250.00	0	.0
Repair and Maintenance Machinery & Equipment	27,850.00	1,953.51	3,809.20	24,040.80	14	30,350.3
Repair and Maintenance Software	60,000.00	.00	10,242.86	49,757.14	17	59,065.8
Rental Office Equipment	50,000.00	.00	8,360.61	41,639.39	17	35,038.6
Other Small Tools & Equipment	200.00	45.59	45.59	154.41	23	2,049.2
Other Memberships & Publications	750.00	.00	.00	750.00	0	.0
Other Training & Travel	17,600.00	.00	2,849.20	14,750.80	16	9,922.9
Program **0000 - General** Totals	$1,083,744.00	$62,062.85	$213,269.30	$870,474.70	20%	$992,605.9
Division **01 - Administration** Totals	$1,083,744.00	$62,062.85	$213,269.30	$870,474.70	20%	$992,605.9
Division **22 - Geographic Information Systems**						
Program **0000 - General**						
Salaries Full Time	92,500.00	6,990.00	19,222.48	73,277.52	21	99,000.3
Salaries Special Compensation	750.00	.00	.00	750.00	0	1,369.9
Salaries Other	.00	.00	.00	.00	+++	10,271.5
Taxes & Benefits Medicare	1,360.00	99.17	272.70	1,087.30	20	1,577.2
Taxes & Benefits Social Security	5,810.00	424.03	1,166.05	4,643.95	20	6,743.9
Taxes & Benefits IMRF Er Contribution	8,685.00	650.76	1,789.59	6,895.41	21	13,235.2
Taxes & Benefits Medical/Dental Insurance	17,740.00	1,478.16	4,434.48	13,305.52	25	27,232.5
Taxes & Benefits Life Insurance	205.00	16.82	49.62	155.38	24	191.5
Taxes & Benefits Allowances	410.00	.00	.00	410.00	0	.0
Office Supplies Paper	900.00	.00	191.49	708.51	21	.0
Services Data Processing/Technology	235,190.00	17,853.83	41,207.66	193,982.34	18	20,000.0
Repair and Maintenance Software	4,800.00	.00	4,147.68	652.32	86	19,192.6
Program **0000 - General** Totals	$368,350.00	$27,512.77	$72,481.75	$295,868.25	20%	$198,814.9
Division **22 - Geographic Information Systems** Totals	$368,350.00	$27,512.77	$72,481.75	$295,868.25	20%	$198,814.9
Division **23 - Communication Systems**						
Program **0000 - General**						
Operating Supplies Other	100.00	.00	.00	100.00	0	.0
Communications Telephone	19,000.00	.00	1,352.22	17,647.78	7	27,658.6
Communications Cell Phones	22,360.00	.00	2,652.35	19,707.65	12	31,071.7
Communications Other	21,060.00	700.93	4,424.27	16,635.73	21	16,479.0
Repair and Maintenance Machinery & Equipment	3,500.00	.00	.00	3,500.00	0	3,401.0
Repair and Maintenance Software	21,500.00	990.00	13,466.00	8,034.00	63	19,405.2
Other Small Tools & Equipment	1,000.00	.00	.00	1,000.00	0	285.0
Program **0000 - General** Totals	$88,520.00	$1,690.93	$21,894.84	$66,625.16	25%	$98,300.6
Division **23 - Communication Systems** Totals	$88,520.00	$1,690.93	$21,894.84	$66,625.16	25%	$98,300.6
Department **38 - Information Technology** Totals	$1,540,614.00	$91,266.55	$307,645.89	$1,232,968.11	20%	$1,289,721.58

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **40 - Community Development**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	173,135.00	13,350.40	36,713.60	136,421.40	21	165,137.8
Salaries Special Compensation	4,080.00	.00	.00	4,080.00	0	13,010.3
Salaries Other	.00	.00	.00	.00	+++	15,461.4
Taxes & Benefits Deferred Compensation	10,390.00	801.02	2,211.08	8,178.92	21	9,906.6
Taxes & Benefits Medicare	2,825.00	209.33	577.85	2,247.15	20	3,000.5
Taxes & Benefits Social Security	12,070.00	895.08	2,470.80	9,599.20	20	9,410.7
Taxes & Benefits IMRF Er Contribution	17,470.00	1,317.50	3,636.74	13,833.26	21	24,330.1
Taxes & Benefits Medical/Dental Insurance	26,610.00	2,217.24	6,651.72	19,958.28	25	21,877.8
Taxes & Benefits Life Insurance	380.00	31.70	95.10	284.90	25	305.2
Taxes & Benefits Allowances	7,020.00	585.00	1,755.00	5,265.00	25	6,727.5
Office Supplies General	5,245.00	81.97	94.26	5,150.74	2	2,526.1
Office Supplies Paper	1,250.00	.00	.00	1,250.00	0	264.2
Office Supplies Printed Forms	4,000.00	.00	.00	4,000.00	0	211.7
Operating Supplies Chemicals	350.00	.00	.00	350.00	0	107.4
Operating Supplies Other	.00	.00	.00	.00	+++	375.3
Services Other	.00	.00	.00	.00	+++	22.5
Printing/Advertising Outside Printing Services	500.00	.00	.00	500.00	0	.0
Other Small Tools & Equipment	.00	.00	.00	.00	+++	359.9
Other Memberships & Publications	2,275.00	.00	1,000.00	1,275.00	44	974.0
Other Training & Travel	4,300.00	.00	.00	4,300.00	0	.0
Program **0000 - General** Totals	$271,900.00	$19,489.24	$55,206.15	$216,693.85	20%	$274,009.7
Division **01 - Administration** Totals	$271,900.00	$19,489.24	$55,206.15	$216,693.85	20%	$274,009.7
Division **24 - Building Permits & Inspections**						
Program **0000 - General**						
Salaries Full Time	505,345.00	30,865.20	84,838.84	420,506.16	17	423,550.7
Salaries Part Time	70,115.00	1,779.48	5,239.58	64,875.42	7	34,482.3
Salaries Overtime	750.00	138.55	176.34	573.66	24	793.3
Salaries Special Compensation	550.00	.00	.00	550.00	0	550.0
Salaries Other	.00	.00	.00	.00	+++	11,801.6
Taxes & Benefits Medicare	7,910.00	463.82	1,277.34	6,632.66	16	6,702.7
Taxes & Benefits Social Security	33,725.00	1,983.23	5,461.75	28,263.25	16	28,660.0
Taxes & Benefits IMRF Er Contribution	43,930.00	2,886.42	7,916.23	36,013.77	18	52,171.6
Taxes & Benefits Medical/Dental Insurance	105,685.00	7,435.22	22,305.66	83,379.34	21	88,471.8
Taxes & Benefits Life Insurance	1,050.00	73.90	220.98	829.02	21	864.1
Taxes & Benefits Allowances	1,800.00	90.00	270.00	1,530.00	15	1,125.0
Operating Supplies Clothing	1,400.00	.00	.00	1,400.00	0	258.6
Services Architectual	104,330.00	6,592.00	6,592.00	97,738.00	6	84,822.0
Services Engineering	25,000.00	2,769.00	7,667.00	17,333.00	31	10,657.0
Services Data Processing/Technology	17,000.00	.00	.00	17,000.00	0	.0
Communications Cell Phones	1,872.00	.00	.00	1,872.00	0	1,872.0
Repair and Maintenance Machinery & Equipment	1,050.00	.00	.00	1,050.00	0	.0
Repair and Maintenance Software	85,000.00	46,391.93	46,391.93	38,608.07	55	80,997.0
Repair and Maintenance Vehicle Maint Service Charge	10,925.00	910.00	2,730.00	8,195.00	25	11,860.0
Other Memberships & Publications	1,625.00	95.00	95.00	1,530.00	6	730.6
Other Training & Travel	3,100.00	.00	375.00	2,725.00	12	94.0
Program **0000 - General** Totals	$1,022,162.00	$102,473.75	$191,557.65	$830,604.35	19%	$840,464.7
Division **24 - Building Permits & Inspections** Totals	$1,022,162.00	$102,473.75	$191,557.65	$830,604.35	19%	$840,464.7

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Division **25 - Neighborhood Services**						
Program **0000 - General**						
Salaries Full Time	507,375.00	38,528.00	105,952.00	401,423.00	21	486,855.1
Salaries Overtime	1,500.00	.00	30.90	1,469.10	2	706.6
Salaries Special Compensation	3,760.00	.00	1,500.00	2,260.00	40	3,749.7
Taxes & Benefits Medicare	7,475.00	544.38	1,519.92	5,955.08	20	6,951.9
Taxes & Benefits Social Security	31,905.00	2,327.69	6,498.93	25,406.07	20	29,725.5
Taxes & Benefits IMRF Er Contribution	47,745.00	3,586.98	10,010.15	37,734.85	21	58,704.7
Taxes & Benefits Medical/Dental Insurance	106,440.00	8,868.96	26,606.88	79,833.12	25	95,789.6
Taxes & Benefits Life Insurance	1,125.00	92.40	277.20	847.80	25	990.3
Taxes & Benefits Allowances	1,800.00	150.00	450.00	1,350.00	25	1,725.0
Operating Supplies Clothing	1,750.00	.00	.00	1,750.00	0	450.0
Communications Cell Phones	1,404.00	.00	.00	1,404.00	0	90.6
Repair and Maintenance Vehicle Maint Service Charge	14,710.00	1,226.00	3,678.00	11,032.00	25	15,920.0
Other Memberships & Publications	1,625.00	.00	230.00	1,395.00	14	270.0
Other Training & Travel	2,525.00	300.00	300.00	2,225.00	12	.0
Program **0000 - General** Totals	$731,139.00	$55,624.41	$157,053.98	$574,085.02	21%	$701,929.2
Division **25 - Neighborhood Services** Totals	$731,139.00	$55,624.41	$157,053.98	$574,085.02	21%	$701,929.2
Division **26 - Environmental Health**						
Program **0000 - General**						
Salaries Full Time	358,965.00	21,828.00	61,534.45	297,430.55	17	330,759.5
Salaries Part Time	6,000.00	.00	.00	6,000.00	0	5,863.0
Salaries Overtime	750.00	.00	.00	750.00	0	1,051.0
Salaries Special Compensation	4,680.00	.00	.00	4,680.00	0	2,070.8
Salaries Other	.00	.00	621.63	(621.63)	+++	2,966.9
Taxes & Benefits Medicare	5,400.00	308.06	880.11	4,519.89	16	4,855.6
Taxes & Benefits Social Security	23,020.00	1,317.22	3,763.27	19,256.73	16	20,762.2
Taxes & Benefits IMRF Er Contribution	33,935.00	2,032.18	5,787.39	28,147.61	17	40,240.0
Taxes & Benefits Medical/Dental Insurance	60,665.00	4,255.98	11,520.94	49,144.06	19	46,464.5
Taxes & Benefits Life Insurance	790.00	59.56	144.63	645.37	18	657.9
Taxes & Benefits Allowances	720.00	.00	15.00	705.00	2	615.0
Operating Supplies Clothing	1,050.00	.00	.00	1,050.00	0	110.3
Services Custodial	5,500.00	.00	.00	5,500.00	0	7,112.5
Communications Cell Phones	1,404.00	.00	.00	1,404.00	0	1,404.0
Utility Services Refuse Disposal	3,500.00	.00	.00	3,500.00	0	250.0
Repair and Maintenance Software	10,000.00	.00	9,900.00	100.00	99	9,900.0
Repair and Maintenance Vehicle Maint Service Charge	10,925.00	910.00	2,730.00	8,195.00	25	11,860.0
Other Memberships & Publications	1,675.00	.00	265.00	1,410.00	16	640.0
Other Training & Travel	2,600.00	150.00	150.00	2,450.00	6	1,074.8
Program **0000 - General** Totals	$531,579.00	$30,861.00	$97,312.42	$434,266.58	18%	$488,658.6
Division **26 - Environmental Health** Totals	$531,579.00	$30,861.00	$97,312.42	$434,266.58	18%	$488,658.6

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Division **44 - Planning & Zoning**						
Program **0000 - General**						
Salaries Full Time	331,495.00	22,938.40	63,080.60	268,414.40	19	.0
Salaries Part Time	36,675.00	.00	2,548.89	34,126.11	7	.0
Salaries Special Compensation	3,470.00	.00	.00	3,470.00	0	.0
Taxes & Benefits Deferred Compensation	8,480.00	650.54	1,742.71	6,737.29	21	79.1
Taxes & Benefits Medicare	5,620.00	336.83	965.17	4,654.83	17	50.6
Taxes & Benefits Social Security	24,010.00	1,440.27	4,126.90	19,883.10	17	216.6
Taxes & Benefits IMRF Er Contribution	35,400.00	2,196.14	6,052.45	29,347.55	17	329.7
Taxes & Benefits Medical/Dental Insurance	79,830.00	5,142.10	15,426.30	64,403.70	19	.0
Taxes & Benefits Life Insurance	735.00	54.52	160.66	574.34	22	1.4
Taxes & Benefits Allowances	7,020.00	585.00	1,755.00	5,265.00	25	.0
Office Supplies General	3,415.00	38.49	38.49	3,376.51	1	.0
Office Supplies Paper	930.00	.00	.00	930.00	0	.0
Office Supplies Printed Forms	2,000.00	.00	.00	2,000.00	0	.0
Operating Supplies Other	200.00	.00	.00	200.00	0	.0
Communications Cell Phones	468.00	.00	.00	468.00	0	.0
Communications Postage	240.00	.00	.00	240.00	0	.0
Printing/Advertising Legal Notices	5,000.00	268.65	859.95	4,140.05	17	.0
Other Memberships & Publications	1,480.00	.00	.00	1,480.00	0	.0
Other Training & Travel	4,250.00	.00	.00	4,250.00	0	.0
Program **0000 - General** Totals	$550,718.00	$33,650.94	$96,757.12	$453,960.88	18%	$677.6
Division **44 - Planning & Zoning** Totals	$550,718.00	$33,650.94	$96,757.12	$453,960.88	18%	$677.6
Department **40 - Community Development** Totals	$3,107,498.00	$242,099.34	$597,887.32	$2,509,610.68	19%	$2,305,740.0

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **42 - Police**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	1,094,170.00	84,885.60	233,435.40	860,734.60	21	1,052,807.4
Salaries Part Time	59,675.00	3,332.28	8,886.08	50,788.92	15	51,054.9
Salaries Special Compensation	16,565.00	3,307.07	4,307.07	12,257.93	26	44,027.8
Salaries Other	.00	.00	.00	.00	+++	15,762.8
Taxes & Benefits Deferred Compensation	10,065.00	793.70	2,180.29	7,884.71	22	9,833.3
Taxes & Benefits Medicare	17,205.00	1,301.72	3,484.53	13,720.47	20	16,339.3
Taxes & Benefits Social Security	73,460.00	5,565.98	14,899.46	58,560.54	20	65,590.1
Taxes & Benefits IMRF Er Contribution	25,835.00	1,847.30	5,101.46	20,733.54	20	31,199.4
Taxes & Benefits Police Pension Er Contribution	407,395.00	158,747.00	219,311.00	188,084.00	54	417,597.0
Taxes & Benefits Medical/Dental Insurance	186,270.00	15,520.68	46,525.82	139,744.18	25	188,276.1
Taxes & Benefits Life Insurance	2,415.00	202.34	597.37	1,817.63	25	2,110.8
Taxes & Benefits Allowances	3,960.00	330.00	990.00	2,970.00	25	3,735.0
Office Supplies General	3,950.00	213.62	391.22	3,558.78	10	3,289.5
Office Supplies Paper	3,000.00	221.94	443.88	2,556.12	15	2,600.5
Operating Supplies Custodial	4,045.00	.00	7.10	4,037.90	0	2,279.8
Operating Supplies Medical	800.00	.00	66.00	734.00	8	393.9
Operating Supplies Ammunition	35,490.00	.00	.00	35,490.00	0	30,373.5
Operating Supplies Other	2,600.00	118.82	221.77	2,378.23	9	1,809.5
Services Medical	1,270.00	.00	.00	1,270.00	0	562.0
Services Management Fees	5,000.00	5,000.00	5,000.00	.00	100	.0
Services Other	4,530.00	60.00	170.99	4,359.01	4	1,671.8
Communications Postage	225.00	.00	.00	225.00	0	32.8
Printing/Advertising Outside Printing Services	650.00	.00	547.00	103.00	84	464.5
Repair and Maintenance Machinery & Equipment	23,070.00	6,500.00	18,195.00	4,875.00	79	15,881.5
Other Memberships & Publications	15,010.00	118.90	2,261.70	12,748.30	15	13,190.8
Other Training & Travel	5,950.00	1,560.00	1,730.00	4,220.00	29	589.0
Program **0000 - General** Totals	$2,002,605.00	$289,626.95	$568,753.14	$1,433,851.86	28%	$1,971,473.7
Division **01 - Administration** Totals	$2,002,605.00	$289,626.95	$568,753.14	$1,433,851.86	28%	$1,971,473.7
Division **27 - Crime Control & Investigation**						
Program **4201 - Patrol**						
Salaries Full Time	8,516,135.00	608,529.88	1,678,255.17	6,837,879.83	20	7,865,347.7
Salaries Part Time	98,155.00	1,913.08	5,207.28	92,947.72	5	23,682.1
Salaries Overtime	292,000.00	19,934.64	59,125.97	232,874.03	20	282,674.1
Salaries Special Compensation	32,350.00	.00	2,000.00	30,350.00	6	106,400.3
Salaries Other	.00	.00	61,765.74	(61,765.74)	+++	15,169.6
Taxes & Benefits Medicare	129,830.00	8,904.53	25,063.19	104,766.81	19	116,617.7
Taxes & Benefits Social Security	554,440.00	38,074.26	107,167.03	447,272.97	19	498,093.0
Taxes & Benefits IMRF Er Contribution	25,130.00	1,738.79	4,814.85	20,315.15	19	26,771.4
Taxes & Benefits Police Pension Er Contribution	3,869,805.00	1,507,589.73	2,082,549.74	1,787,255.26	54	3,856,797.9
Taxes & Benefits Medical/Dental Insurance	1,615,875.00	126,427.23	379,861.13	1,236,013.87	24	1,448,289.0
Taxes & Benefits Life Insurance	18,790.00	1,463.98	4,202.82	14,587.18	22	16,117.5
Taxes & Benefits Allowances	720.00	60.00	195.00	525.00	27	750.0
Office Supplies Printed Forms	2,000.00	.00	1,894.54	105.46	95	1,409.3
Operating Supplies Custodial	50.00	.00	.00	50.00	0	.0
Operating Supplies Clothing	77,690.00	2,614.84	3,541.59	74,148.41	5	86,282.5
Operating Supplies Other	7,750.00	.00	472.00	7,278.00	6	2,874.0
Services Financial	201,900.00	3,365.00	3,365.00	198,535.00	2	2,355.5
Services Medical	4,425.00	868.98	1,716.78	2,708.22	39	1,375.0
Services Data Processing/Technology	63,800.00	2,006.00	5,494.00	58,306.00	9	41,948.5
Services Other	800.00	.00	.00	800.00	0	155.0
Communications Telephone	240.00	.00	.00	240.00	0	51.7
Repair and Maintenance Machinery & Equipment	2,450.00	138.00	217.96	2,232.04	9	1,730.3
Repair and Maintenance Software	.00	.00	.00	.00	+++	1,800.00

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Other Small Tools & Equipment	1,410.00	.00	.00	1,410.00	0	1,242.1
Other Memberships & Publications	100.00	.00	100.00	.00	100	.0
Program **4201 - Patrol** Totals	$15,515,845.00	$2,323,628.94	$4,427,009.79	$11,088,835.21	29%	$14,397,934.8
Program **4202 - Investigation**						
Salaries Full Time	2,352,520.00	188,493.80	517,931.31	1,834,588.69	22	2,379,974.1
Salaries Overtime	50,000.00	2,910.04	11,959.10	38,040.90	24	36,481.1
Salaries Special Compensation	17,250.00	.00	1,000.00	16,250.00	6	48,193.8
Salaries Other	.00	.00	10,604.18	(10,604.18)	+++	.0
Taxes & Benefits Medicare	35,115.00	2,750.78	7,736.83	27,378.17	22	35,470.1
Taxes & Benefits Social Security	149,970.00	11,761.85	33,081.38	116,888.62	22	151,665.8
Taxes & Benefits IMRF Er Contribution	6,515.00	495.14	1,361.64	5,153.36	21	7,828.8
Taxes & Benefits Police Pension Er Contribution	1,059,010.00	412,611.00	570,008.00	489,002.00	54	1,182,290.0
Taxes & Benefits Medical/Dental Insurance	469,735.00	40,649.40	120,754.74	348,980.26	26	428,969.3
Taxes & Benefits Life Insurance	5,190.00	450.26	1,306.85	3,883.15	25	4,851.1
Taxes & Benefits Allowances	20,400.00	420.00	13,260.00	7,140.00	65	18,675.0
Operating Supplies Other	4,920.00	176.75	205.00	4,715.00	4	2,483.9
Services Other	500.00	.00	60.00	440.00	12	92.2
Communications Telephone	600.00	.00	.00	600.00	0	.0
Other Memberships & Publications	15,000.00	7,002.20	14,335.84	664.16	96	14,013.1
Program **4202 - Investigation** Totals	$4,186,725.00	$667,721.22	$1,303,604.87	$2,883,120.13	31%	$4,310,988.9
Program **4204 - Crime Prevention/CFMH**						
Salaries Full Time	332,760.00	25,598.40	70,395.60	262,364.40	21	326,667.6
Salaries Overtime	1,000.00	.00	.00	1,000.00	0	.0
Salaries Special Compensation	3,750.00	.00	.00	3,750.00	0	7,713.4
Taxes & Benefits Medicare	4,905.00	361.93	995.31	3,909.69	20	4,714.3
Taxes & Benefits Social Security	20,930.00	1,547.52	4,255.79	16,674.21	20	20,157.7
Taxes & Benefits Police Pension Er Contribution	154,320.00	60,132.00	83,086.00	71,234.00	54	157,810.0
Taxes & Benefits Medical/Dental Insurance	53,220.00	4,434.48	13,303.44	39,916.56	25	47,894.8
Taxes & Benefits Life Insurance	735.00	61.36	179.07	555.93	24	662.6
Office Supplies General	.00	.00	.00	.00	+++	852.8
Operating Supplies Other	4,000.00	13.15	13.15	3,986.85	0	2,358.5
Printing/Advertising Outside Printing Services	650.00	.00	.00	650.00	0	949.0
Other Memberships & Publications	250.00	95.00	95.00	155.00	38	220.0
Program **4204 - Crime Prevention/CFMH** Totals	$576,520.00	$92,243.84	$172,323.36	$404,196.64	30%	$570,000.9
Program **4205 - Records & Identification**						
Salaries Full Time	356,585.00	22,815.80	62,743.45	293,841.55	18	345,889.5
Salaries Part Time	28,475.00	2,141.60	5,782.32	22,692.68	20	26,735.6
Salaries Special Compensation	2,500.00	.00	500.00	2,000.00	20	3,300.0
Salaries Other	.00	.00	.00	.00	+++	1,538.5
Taxes & Benefits Medicare	5,645.00	345.88	955.58	4,689.42	17	5,241.3
Taxes & Benefits Social Security	24,090.00	1,478.94	4,085.90	20,004.10	17	22,411.5
Taxes & Benefits IMRF Er Contribution	36,100.00	2,323.52	6,427.65	29,672.35	18	45,119.6
Taxes & Benefits Medical/Dental Insurance	114,935.00	7,275.22	19,608.42	95,326.58	17	103,473.7
Taxes & Benefits Life Insurance	800.00	54.90	149.57	650.43	19	714.5
Taxes & Benefits Allowances	720.00	60.00	180.00	540.00	25	690.0
Office Supplies Printed Forms	2,425.00	(21.57)	734.24	1,690.76	30	1,632.0
Repair and Maintenance Software	500.00	.00	.00	500.00	0	10,945.0
Program **4205 - Records & Identification** Totals	$572,775.00	$36,474.29	$101,167.13	$471,607.87	18%	$567,691.7
Program **4206 - Evidence Collection**						
Operating Supplies Medical	250.00	.00	.00	250.00	0	.0
Operating Supplies Other	5,775.00	943.44	943.44	4,831.56	16	4,178.7
Repair and Maintenance Software	5,939.00	.00	3,074.00	2,865.00	52	1,213.0
Program **4206 - Evidence Collection** Totals	$11,964.00	$943.44	$4,017.44	$7,946.56	34%	$5,391.7
Program **4207 - Animal Control**						
Salaries Full Time	55,230.00	3,673.60	5,510.40	49,719.60	10	34,234.8
Salaries Overtime	500.00	.00	.00	500.00	0	202.64

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Salaries Other	.00	.00	.00	.00	+++	531.9
Taxes & Benefits Medicare	815.00	52.18	77.72	737.28	10	473.1
Taxes & Benefits Social Security	3,460.00	223.12	332.32	3,127.68	10	2,023.1
Taxes & Benefits IMRF Er Contribution	5,195.00	342.02	513.03	4,681.97	10	4,196.3
Taxes & Benefits Medical/Dental Insurance	26,610.00	707.62	1,415.24	25,194.76	5	13,452.0
Taxes & Benefits Life Insurance	125.00	8.64	17.28	107.72	14	62.1
Operating Supplies Other	915.00	140.90	532.91	382.09	58	2,236.4
Services Medical	.00	.00	.00	.00	+++	2,591.3
Services Other	12,000.00	7,500.00	8,239.00	3,761.00	69	9,513.0
Other Memberships & Publications	600.00	.00	600.00	.00	100	.0
Program **4207 - Animal Control** Totals	$105,450.00	$12,648.08	$17,237.90	$88,212.10	16%	$69,517.1
Division **27 - Crime Control & Investigation** Totals	$20,969,279.00	$3,133,659.81	$6,025,360.49	$14,943,918.51	29%	$19,921,525.2
Division **28 - Traffic Control**						
Program **4211 - Selective Traffic Enforcement**						
Salaries Full Time	103,560.00	7,601.60	20,904.40	82,655.60	20	95,986.0
Salaries Overtime	2,500.00	.00	.00	2,500.00	0	2,055.8
Salaries Special Compensation	.00	.00	.00	.00	+++	743.3
Taxes & Benefits Medicare	1,545.00	122.23	314.36	1,230.64	20	1,535.3
Taxes & Benefits Social Security	6,580.00	522.67	1,344.15	5,235.85	20	6,564.7
Taxes & Benefits Police Pension Er Contribution	48,030.00	18,729.00	25,882.00	22,148.00	54	52,683.0
Taxes & Benefits Medical/Dental Insurance	26,610.00	2,217.24	6,651.72	19,958.28	25	23,947.4
Taxes & Benefits Life Insurance	230.00	18.14	54.42	175.58	24	194.9
Program **4211 - Selective Traffic Enforcement** Totals	$189,055.00	$29,210.88	$55,151.05	$133,903.95	29%	$183,710.7
Program **4212 - Overweight Vehicle Enforcement**						
Salaries Full Time	110,920.00	8,532.80	23,465.20	87,454.80	21	108,889.2
Salaries Overtime	500.00	.00	.00	500.00	0	460.3
Salaries Special Compensation	1,250.00	.00	.00	1,250.00	0	4,379.0
Taxes & Benefits Medicare	1,645.00	123.60	329.70	1,315.30	20	1,579.2
Taxes & Benefits Social Security	7,015.00	528.44	1,409.68	5,605.32	20	6,752.7
Taxes & Benefits Police Pension Er Contribution	51,440.00	20,059.00	27,722.00	23,718.00	54	52,683.0
Taxes & Benefits Medical/Dental Insurance	26,610.00	2,217.24	6,651.72	19,958.28	25	23,947.4
Taxes & Benefits Life Insurance	245.00	20.54	61.62	183.38	25	222.7
Taxes & Benefits Allowances	360.00	30.00	90.00	270.00	25	345.0
Operating Supplies Other	350.00	.00	72.50	277.50	21	59.8
Services Other	2,500.00	.00	1,598.00	902.00	64	2,120.5
Repair and Maintenance Machinery & Equipment	200.00	.00	.00	200.00	0	.0
Other Memberships & Publications	100.00	.00	100.00	.00	100	100.0
Program **4212 - Overweight Vehicle Enforcement** Totals	$203,135.00	$31,511.62	$61,500.42	$141,634.58	30%	$201,539.1
Program **4214 - Crossing Guards**						
Salaries Part Time	66,500.00	6,799.52	16,653.00	49,847.00	25	61,821.7
Taxes & Benefits Medicare	1,000.00	98.58	241.47	758.53	24	846.8
Taxes & Benefits Social Security	4,150.00	421.55	1,032.47	3,117.53	25	3,620.8
Other Small Tools & Equipment	560.00	.00	.00	560.00	0	.0
Program **4214 - Crossing Guards** Totals	$72,210.00	$7,319.65	$17,926.94	$54,283.06	25%	$66,289.4
Division **28 - Traffic Control** Totals	$464,400.00	$68,042.15	$134,578.41	$329,821.59	29%	$451,539.3
Division **29 - Police Training**						
Program **0000 - General**						
Other Training & Travel	78,785.00	666.23	11,238.23	67,546.77	14	65,395.3
Program **0000 - General** Totals	$78,785.00	$666.23	$11,238.23	$67,546.77	14%	$65,395.3
Division **29 - Police Training** Totals	$78,785.00	$666.23	$11,238.23	$67,546.77	14%	$65,395.3
Division **30 - Support Services**						
Program **4221 - Communication Services**						
Salaries Full Time	384,990.00	29,384.00	80,806.00	304,184.00	21	372,081.9
Salaries Part Time	21,555.00	1,621.76	4,763.92	16,791.08	22	19,540.4
Salaries Overtime	3,500.00	.00	1,405.33	2,094.67	40	3,833.6
Salaries Special Compensation	1,750.00	.00	500.00	1,250.00	29	2,837.44

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Taxes & Benefits Medicare	5,990.00	432.98	1,224.20	4,765.80	20	5,617.0
Taxes & Benefits Social Security	25,555.00	1,851.36	5,234.50	20,320.50	20	24,017.8
Taxes & Benefits IMRF Er Contribution	38,355.00	2,735.62	7,700.38	30,654.62	20	45,223.5
Taxes & Benefits Medical/Dental Insurance	87,945.00	7,783.12	23,349.36	64,595.64	27	79,851.7
Taxes & Benefits Life Insurance	865.00	70.40	206.19	658.81	24	762.7
R&M Supplies Equipment Parts	2,190.00	.00	.00	2,190.00	0	2,559.5
Communications Dispatch Services	422,000.00	34,130.94	136,523.76	285,476.24	32	456,185.4
Communications Cell Phones	17,100.00	.00	.00	17,100.00	0	17,100.0
Repair and Maintenance Machinery & Equipment	1,000.00	.00	.00	1,000.00	0	1,013.1
Program **4221 - Communication Services** Totals	$1,012,795.00	$78,010.18	$261,713.64	$751,081.36	26%	$1,030,624.5
Program **4222 - Automotive Services**						
Repair and Maintenance Vehicle Maint Service Charge	519,995.00	43,333.00	129,999.00	389,996.00	25	561,625.0
Program **4222 - Automotive Services** Totals	$519,995.00	$43,333.00	$129,999.00	$389,996.00	25%	$561,625.0
Program **4223 - Social Services**						
Salaries Full Time	188,360.00	14,524.80	39,943.20	148,416.80	21	184,913.2
Salaries Special Compensation	1,750.00	.00	500.00	1,250.00	29	2,000.0
Taxes & Benefits Medicare	2,770.00	190.90	532.23	2,237.77	19	2,499.4
Taxes & Benefits Social Security	11,815.00	816.25	2,275.74	9,539.26	19	10,687.4
Taxes & Benefits IMRF Er Contribution	17,705.00	1,352.24	3,765.21	13,939.79	21	22,335.1
Taxes & Benefits Medical/Dental Insurance	53,220.00	4,434.48	13,303.44	39,916.56	25	47,894.8
Taxes & Benefits Life Insurance	420.00	34.84	104.52	315.48	25	378.8
Taxes & Benefits Allowances	360.00	.00	.00	360.00	0	45.0
Operating Supplies Other	200.00	.00	.00	200.00	0	1,039.3
Other Memberships & Publications	760.00	150.00	211.35	548.65	28	418.7
Program **4223 - Social Services** Totals	$277,360.00	$21,503.51	$60,635.69	$216,724.31	22%	$272,211.9
Division **30 - Support Services** Totals	$1,810,150.00	$142,846.69	$452,348.33	$1,357,801.67	25%	$1,864,461.4
Division **31 - Special Detail Services**						
Program **0000 - General**						
Salaries Special Compensation	216,000.00	14,496.07	37,821.29	178,178.71	18	238,242.7
Taxes & Benefits Medicare	3,145.00	210.16	553.37	2,591.63	18	3,363.0
Taxes & Benefits Social Security	13,395.00	898.73	2,366.19	11,028.81	18	14,379.3
Program **0000 - General** Totals	$232,540.00	$15,604.96	$40,740.85	$191,799.15	18%	$255,985.1
Division **31 - Special Detail Services** Totals	$232,540.00	$15,604.96	$40,740.85	$191,799.15	18%	$255,985.1
Department **42 - Police** Totals	$25,557,759.00	$3,650,446.79	$7,233,019.45	$18,324,739.55	28%	$24,530,380.3

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **44 - Fire**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	557,600.00	42,892.20	117,953.55	439,646.45	21	535,580.9
Salaries Part Time	25,000.00	.00	.00	25,000.00	0	.0
Salaries Special Compensation	11,960.00	.00	.00	11,960.00	0	23,730.2
Salaries Other	.00	.00	.00	.00	+++	18,124.7
Taxes & Benefits Deferred Compensation	9,960.00	772.50	2,125.25	7,834.75	21	9,795.7
Taxes & Benefits Medicare	8,810.00	618.00	1,700.14	7,109.86	19	8,103.4
Taxes & Benefits Social Security	37,625.00	2,642.46	7,269.56	30,355.44	19	30,656.6
Taxes & Benefits IMRF Er Contribution	10,930.00	634.16	1,743.94	9,186.06	16	9,531.8
Taxes & Benefits Fire Pension Er Contribution	251,385.00	93,085.00	128,560.00	122,825.00	51	246,207.0
Taxes & Benefits Medical/Dental Insurance	88,700.00	7,390.80	22,172.40	66,527.60	25	75,256.1
Taxes & Benefits Life Insurance	1,230.00	101.70	301.30	928.70	24	1,053.8
Taxes & Benefits Allowances	2,160.00	180.00	540.00	1,620.00	25	2,100.0
Office Supplies General	4,000.00	191.81	653.90	3,346.10	16	5,530.7
Office Supplies Paper	750.00	.00	399.90	350.10	53	659.9
Office Supplies Printed Forms	500.00	.00	171.37	328.63	34	409.5
Communications Postage	350.00	92.67	92.67	257.33	26	422.8
Other Memberships & Publications	7,675.00	.00	650.00	7,025.00	8	6,443.5
Other Training & Travel	8,800.00	1,595.33	1,905.08	6,894.92	22	3,387.6
Program **0000 - General** Totals	$1,027,435.00	$150,196.63	$286,239.06	$741,195.94	28%	$976,994.7
Division **01 - Administration** Totals	$1,027,435.00	$150,196.63	$286,239.06	$741,195.94	28%	$976,994.7
Division **31 - Special Detail Services**						
Program **0000 - General**						
Salaries Overtime	20,000.00	591.78	591.78	19,408.22	3	16,244.7
Salaries Special Compensation	8,390.00	2,289.67	2,289.67	6,100.33	27	13,085.0
Taxes & Benefits Medicare	415.00	31.27	31.27	383.73	8	381.1
Taxes & Benefits Social Security	1,765.00	133.66	133.66	1,631.34	8	1,629.7
Program **0000 - General** Totals	$30,570.00	$3,046.38	$3,046.38	$27,523.62	10%	$31,340.6
Division **31 - Special Detail Services** Totals	$30,570.00	$3,046.38	$3,046.38	$27,523.62	10%	$31,340.6
Division **32 - Fire Service**						
Program **4401 - Fire Suppression**						
Salaries Full Time	9,975,800.00	735,942.13	2,021,996.44	7,953,803.56	20	9,388,578.3
Salaries Overtime	550,210.00	33,643.24	107,064.48	443,145.52	19	685,361.3
Salaries Special Compensation	159,485.00	7,146.51	60,449.43	99,035.57	38	325,241.3
Salaries Other	.00	19,091.70	19,091.70	(19,091.70)	+++	62,524.0
Taxes & Benefits Deferred Compensation	26,160.00	4,448.19	7,951.52	18,208.48	30	28,541.4
Taxes & Benefits Medicare	155,620.00	11,006.34	30,638.00	124,982.00	20	145,034.8
Taxes & Benefits Social Security	664,350.00	47,061.52	131,003.99	533,346.01	20	611,837.2
Taxes & Benefits Fire Pension Er Contribution	5,389,775.00	1,995,323.16	2,755,482.00	2,634,293.00	51	5,244,112.9
Taxes & Benefits Medical/Dental Insurance	1,993,255.00	152,346.24	464,817.18	1,528,437.82	23	1,739,978.3
Taxes & Benefits Life Insurance	22,055.00	1,753.98	5,251.04	16,803.96	24	19,181.7
Operating Supplies Clothing	62,700.00	3,644.15	11,722.90	50,977.10	19	62,700.0
Operating Supplies Other	5,950.00	230.32	501.30	5,448.70	8	1,308.6
R&M Supplies Equipment Parts	2,700.00	.00	245.40	2,454.60	9	950.6
R&M Supplies Building Repair	17,000.00	299.45	518.92	16,481.08	3	11,055.2
Services Medical	34,106.00	314.00	314.00	33,792.00	1	22,346.0
Repair and Maintenance Machinery & Equipment	47,548.00	795.11	2,534.32	45,013.68	5	39,713.2
Repair and Maintenance Buildings	13,402.00	.00	5,500.00	7,902.00	41	4,119.1
Repair and Maintenance Software	7,500.00	1,994.24	1,994.24	5,505.76	27	8,057.5
Other Small Tools & Equipment	18,926.00	1,157.07	2,556.05	16,369.95	14	17,773.3
Program **4401 - Fire Suppression** Totals	$19,146,542.00	$3,016,197.35	$5,629,632.91	$13,516,909.09	29%	$18,418,415.3
Program **4402 - Paramedic Service**						
Operating Supplies Medical	17,540.00	1,017.46	4,381.76	13,158.24	25	23,196.0
Services Financial	590,000.00	8,786.52	14,956.73	575,043.27	3	.00

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Repair and Maintenance Machinery & Equipment	11,700.00	4,217.64	4,217.64	7,482.36	36	15,092.7
Repair and Maintenance Software	3,400.00	.00	.00	3,400.00	0	.0
Other Memberships & Publications	1,250.00	.00	.00	1,250.00	0	842.0
Other Training & Travel	10,000.00	.00	.00	10,000.00	0	.0
Program **4402 - Paramedic Service** Totals	$633,890.00	$14,021.62	$23,556.13	$610,333.87	4%	$39,130.7
Division **32 - Fire Service** Totals	$19,780,432.00	$3,030,218.97	$5,653,189.04	$14,127,242.96	29%	$18,457,546.1
Division **33 - Fire Prevention & Education**						
Program **4411 - Fire Prevention**						
Salaries Full Time	178,715.00	13,607.20	37,419.80	141,295.20	21	172,528.5
Salaries Part Time	60,675.00	1,536.84	4,952.04	55,722.96	8	54,606.6
Salaries Special Compensation	.00	.00	.00	.00	+++	723.2
Taxes & Benefits Medicare	3,510.00	210.07	592.83	2,917.17	17	3,490.9
Taxes & Benefits Social Security	14,905.00	898.20	2,534.77	12,370.23	17	14,926.4
Taxes & Benefits IMRF Er Contribution	16,640.00	1,266.82	3,485.13	13,154.87	21	20,732.7
Taxes & Benefits Medical/Dental Insurance	53,220.00	4,434.48	13,303.44	39,916.56	25	47,894.8
Taxes & Benefits Life Insurance	400.00	32.44	97.32	302.68	24	351.3
Taxes & Benefits Allowances	720.00	60.00	180.00	540.00	25	690.0
Office Supplies General	1,000.00	.00	.00	1,000.00	0	346.6
Office Supplies Paper	500.00	.00	.00	500.00	0	133.9
Office Supplies Printed Forms	1,000.00	.00	.00	1,000.00	0	261.6
Communications Telephone	3,250.00	378.18	633.80	2,616.20	20	3,157.2
Other Small Tools & Equipment	4,500.00	.00	.00	4,500.00	0	2,470.4
Other Memberships & Publications	1,620.00	.00	580.00	1,040.00	36	1,232.6
Other Training & Travel	3,000.00	110.88	865.88	2,134.12	29	821.3
Program **4411 - Fire Prevention** Totals	$343,655.00	$22,535.11	$64,645.01	$279,009.99	19%	$324,368.5
Program **4412 - Public Education**						
Salaries Overtime	15,000.00	2,500.70	2,586.94	12,413.06	17	1,782.5
Taxes & Benefits Medicare	220.00	30.63	31.88	188.12	14	24.6
Taxes & Benefits Social Security	930.00	130.98	136.33	793.67	15	105.2
Office Supplies Printed Forms	500.00	.00	.00	500.00	0	432.3
Operating Supplies Other	5,900.00	.00	.00	5,900.00	0	6,750.0
Program **4412 - Public Education** Totals	$22,550.00	$2,662.31	$2,755.15	$19,794.85	12%	$9,094.7
Division **33 - Fire Prevention & Education** Totals	$366,205.00	$25,197.42	$67,400.16	$298,804.84	18%	$333,463.2
Division **34 - Fire Training**						
Program **0000 - General**						
Salaries Full Time	136,660.00	10,496.80	28,866.20	107,793.80	21	107,647.8
Salaries Overtime	65,740.00	2,122.88	9,437.48	56,302.52	14	47,144.7
Salaries Special Compensation	.00	.00	.00	.00	+++	4,569.2
Salaries Other	.00	.00	.00	.00	+++	6,729.5
Taxes & Benefits Medicare	2,725.00	164.29	499.88	2,225.12	18	2,109.4
Taxes & Benefits Social Security	11,640.00	702.48	2,137.41	9,502.59	18	9,019.3
Taxes & Benefits Fire Pension Er Contribution	73,840.00	27,302.00	37,741.00	36,099.00	51	73,476.0
Taxes & Benefits Medical/Dental Insurance	26,610.00	2,217.24	6,651.72	19,958.28	25	16,886.2
Taxes & Benefits Life Insurance	300.00	25.10	75.30	224.70	25	197.0
Taxes & Benefits Allowances	360.00	.00	.00	360.00	0	195.0
Operating Supplies Other	3,500.00	.00	.00	3,500.00	0	1,739.0
Other Small Tools & Equipment	11,500.00	.00	505.00	10,995.00	4	11,624.0
Other Memberships & Publications	2,780.00	338.07	648.36	2,131.64	23	2,488.4
Other Training & Travel	29,750.00	12,972.08	18,722.08	11,027.92	63	31,866.6
Program **0000 - General** Totals	$365,405.00	$56,340.94	$105,284.43	$260,120.57	29%	$315,692.6
Division **34 - Fire Training** Totals	$365,405.00	$56,340.94	$105,284.43	$260,120.57	29%	$315,692.6

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Division **35 - Support Services**						
Program **4421 - Communication Services**						
Communications Dispatch Services	105,490.00	8,532.74	34,130.96	71,359.04	32	114,045.0
Communications Cell Phones	14,000.00	2,105.52	2,105.52	11,894.48	15	14,000.0
Program **4421 - Communication Services** Totals	$119,490.00	$10,638.26	$36,236.48	$83,253.52	30%	$128,045.0
Program **4422 - Automotive Services**						
Repair and Maintenance Vehicle Maint Service Charge	247,405.00	20,617.00	61,851.00	185,554.00	25	267,240.0
Program **4422 - Automotive Services** Totals	$247,405.00	$20,617.00	$61,851.00	$185,554.00	25%	$267,240.0
Division **35 - Support Services** Totals	$366,895.00	$31,255.26	$98,087.48	$268,807.52	27%	$395,285.0
Division **37 - Emergency Management**						
Program **0000 - General**						
Salaries Part Time	.00	.00	.00	.00	+++	32,011.2
Salaries Other	.00	.00	.00	.00	+++	3,556.8
Taxes & Benefits Medicare	.00	.00	.00	.00	+++	497.1
Taxes & Benefits Social Security	.00	.00	.00	.00	+++	2,125.7
Taxes & Benefits IMRF Er Contribution	.00	.00	.00	.00	+++	4,269.5
Taxes & Benefits Allowances	.00	.00	.00	.00	+++	540.0
Operating Supplies Other	325.00	200.00	200.00	125.00	62	.0
Services Data Processing/Technology	345.00	.00	.00	345.00	0	344.5
Services Other	22,500.00	22,222.60	22,222.60	277.40	99	22,222.6
Repair and Maintenance Machinery & Equipment	7,350.00	.00	.00	7,350.00	0	6,383.0
Other Memberships & Publications	170.00	.00	.00	170.00	0	384.8
Other Training & Travel	950.00	.00	.00	950.00	0	.0
Program **0000 - General** Totals	$31,640.00	$22,422.60	$22,422.60	$9,217.40	71%	$72,335.4
Division **37 - Emergency Management** Totals	$31,640.00	$22,422.60	$22,422.60	$9,217.40	71%	$72,335.4
Department **44 - Fire** Totals	$21,968,582.00	$3,318,678.20	$6,235,669.15	$15,732,912.85	28%	$20,582,657.9

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Department **52 - Public Works**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	835,590.00	64,495.80	176,886.75	658,703.25	21	679,966.3
Salaries Part Time	36,000.00	.00	960.00	35,040.00	3	28,326.0
Salaries Overtime	500.00	.00	.00	500.00	0	43.6
Salaries Special Compensation	59,690.00	5,875.06	26,558.90	33,131.10	44	59,238.9
Taxes & Benefits Deferred Compensation	10,330.00	794.98	2,187.08	8,142.92	21	10,086.9
Taxes & Benefits Medicare	13,750.00	1,014.68	2,953.04	10,796.96	21	11,051.0
Taxes & Benefits Social Security	58,635.00	4,338.86	12,627.48	46,007.52	22	43,493.2
Taxes & Benefits IMRF Er Contribution	84,390.00	6,687.63	19,337.71	65,052.29	23	90,491.4
Taxes & Benefits Medical/Dental Insurance	167,775.00	13,963.50	41,572.70	126,202.30	25	135,257.6
Taxes & Benefits Life Insurance	1,855.00	153.50	452.08	1,402.92	24	1,383.4
Taxes & Benefits Allowances	2,880.00	480.00	1,440.00	1,440.00	50	2,070.0
Office Supplies General	2,780.00	35.80	328.74	2,451.26	12	2,268.3
Office Supplies Paper	2,300.00	.00	25.00	2,275.00	1	459.9
Office Supplies Printed Forms	300.00	.00	.00	300.00	0	240.6
Operating Supplies Clothing	15,500.00	1,405.52	3,540.61	11,959.39	23	14,159.5
Services Medical	3,325.00	405.00	505.00	2,820.00	15	2,828.0
Services Other	600.00	.00	.00	600.00	0	.0
Communications Postage	750.00	58.78	109.76	640.24	15	479.8
Repair and Maintenance Vehicle Maint Service Charge	17,770.00	1,481.00	4,443.00	13,327.00	25	19,195.0
Other Small Tools & Equipment	1,000.00	.00	.00	1,000.00	0	391.0
Other Memberships & Publications	5,600.00	580.13	1,439.13	4,160.87	26	2,758.0
Other Training & Travel	11,120.00	876.00	876.00	10,244.00	8	5,992.5
Program **0000 - General** Totals	$1,332,440.00	$102,646.24	$296,242.98	$1,036,197.02	22%	$1,110,181.6
Division **01 - Administration** Totals	$1,332,440.00	$102,646.24	$296,242.98	$1,036,197.02	22%	$1,110,181.6
Division **38 - Building, Grounds, Electrical**						
Program **5201 - Buildings & Grounds Maintenance**						
Salaries Full Time	288,630.00	11,611.20	31,812.40	256,817.60	11	209,457.1
Salaries Overtime	2,500.00	825.84	1,106.58	1,393.42	44	831.9
Salaries Special Compensation	500.00	.00	500.00	.00	100	3,083.1
Salaries Other	.00	.00	.00	.00	+++	9,774.2
Taxes & Benefits Medicare	4,250.00	180.56	470.82	3,779.18	11	3,178.0
Taxes & Benefits Social Security	18,140.00	772.04	2,013.16	16,126.84	11	13,588.8
Taxes & Benefits IMRF Er Contribution	27,160.00	1,157.89	3,019.13	24,140.87	11	26,194.6
Taxes & Benefits Medical/Dental Insurance	76,630.00	4,434.48	13,303.44	63,326.56	17	53,808.5
Taxes & Benefits Life Insurance	640.00	27.76	82.38	557.62	13	402.7
Taxes & Benefits Allowances	720.00	.00	.00	720.00	0	.0
Operating Supplies Custodial	20,878.00	1,691.21	2,909.09	17,968.91	14	17,579.3
Operating Supplies Clothing	1,200.00	.00	.00	1,200.00	0	1,174.6
Services Custodial	83,300.00	6,698.24	19,869.76	63,430.24	24	76,136.2
Services Other	34,400.00	.00	355.00	34,045.00	1	28,673.7
Utility Services Electric	7,000.00	509.83	1,021.93	5,978.07	15	7,496.9
Utility Services Natural Gas	20,000.00	1,045.54	2,208.06	17,791.94	11	18,107.9
Other Small Tools & Equipment	1,560.00	.00	445.01	1,114.99	29	1,559.1
Program **5201 - Buildings & Grounds Maintenance** Totals	$587,508.00	$28,954.59	$79,116.76	$508,391.24	13%	$471,047.3
Program **5202 - Mechanical Maintenance**						
Salaries Full Time	92,820.00	6,982.40	19,201.60	73,618.40	21	91,120.3
Salaries Overtime	2,500.00	.00	132.72	2,367.28	5	1,747.3
Salaries Special Compensation	1,250.00	.00	.00	1,250.00	0	2,265.5
Taxes & Benefits Medicare	1,405.00	101.52	281.10	1,123.90	20	1,375.6
Taxes & Benefits Social Security	5,990.00	434.06	1,201.91	4,788.09	20	5,882.1
Taxes & Benefits IMRF Er Contribution	8,995.00	650.06	1,800.01	7,194.99	20	11,308.9
Taxes & Benefits Medical/Dental Insurance	25,010.00	1,478.16	4,434.48	20,575.52	18	19,660.7
Taxes & Benefits Life Insurance	205.00	16.82	50.46	154.54	25	185.32

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Operating Supplies Custodial	6,000.00	.00	1,478.10	4,521.90	25	2,150.5
R&M Supplies Equipment Parts	94,614.00	24,160.14	27,541.84	67,072.16	29	104,153.3
Utility Services Electric	121,530.00	12,725.22	26,883.37	94,646.63	22	135,639.4
Repair and Maintenance Machinery & Equipment	131,663.00	.00	4,872.64	126,790.36	4	78,380.5
Repair and Maintenance Vehicle Maint Service Charge	5,390.00	449.00	1,347.00	4,043.00	25	5,775.0
Rental Machinery	500.00	.00	183.56	316.44	37	333.7
Other Small Tools & Equipment	1,280.00	.00	.00	1,280.00	0	1,277.9
Program **5202 - Mechanical Maintenance** Totals	$499,152.00	$46,997.38	$89,408.79	$409,743.21	18%	$461,256.6
Division **38 - Building, Grounds, Electrical** Totals	$1,086,660.00	$75,951.97	$168,525.55	$918,134.45	16%	$932,304.0
Division **39 - Forestry**						
Program **5211 - Tree Maintenance**						
Salaries Full Time	426,945.00	31,752.00	87,318.00	339,627.00	20	406,576.0
Salaries Overtime	10,000.00	696.39	696.39	9,303.61	7	4,548.3
Salaries Special Compensation	4,550.00	.00	.00	4,550.00	0	5,406.8
Taxes & Benefits Medicare	6,425.00	467.74	1,244.83	5,180.17	19	6,031.4
Taxes & Benefits Social Security	27,430.00	1,999.88	5,322.65	22,107.35	19	25,789.4
Taxes & Benefits IMRF Er Contribution	41,120.00	3,020.93	8,042.33	33,077.67	20	49,827.0
Taxes & Benefits Medical/Dental Insurance	93,310.00	8,129.88	24,389.64	68,920.36	26	87,414.0
Taxes & Benefits Life Insurance	950.00	75.78	220.72	729.28	23	820.0
Taxes & Benefits Allowances	720.00	60.00	180.00	540.00	25	690.0
Operating Supplies Chemicals	1,600.00	.00	.00	1,600.00	0	704.5
Operating Supplies Clothing	2,400.00	89.28	146.87	2,253.13	6	2,228.7
Operating Supplies Other	5,540.00	.00	609.53	4,930.47	11	3,927.6
Repair and Maintenance Landscape	328,397.00	.00	.00	328,397.00	0	143,925.8
Repair and Maintenance Vehicle Maint Service Charge	51,985.00	4,332.00	12,996.00	38,989.00	25	56,165.0
Other Small Tools & Equipment	4,000.00	1,357.14	1,357.14	2,642.86	34	3,608.4
Program **5211 - Tree Maintenance** Totals	$1,005,372.00	$51,981.02	$142,524.10	$862,847.90	14%	$797,663.6
Program **5212 - Landscape Maintenance**						
Salaries Full Time	181,860.00	13,436.80	36,951.20	144,908.80	20	172,994.0
Salaries Part Time	30,000.00	.00	.00	30,000.00	0	38,178.0
Salaries Overtime	1,000.00	.00	.00	1,000.00	0	1,116.4
Salaries Special Compensation	3,000.00	.00	.00	3,000.00	0	1,960.6
Taxes & Benefits Medicare	3,145.00	195.20	520.26	2,624.74	17	2,974.8
Taxes & Benefits Social Security	13,415.00	834.63	2,224.46	11,190.54	17	12,719.9
Taxes & Benefits IMRF Er Contribution	20,110.00	1,250.96	3,333.91	16,776.09	17	24,460.5
Taxes & Benefits Medical/Dental Insurance	50,020.00	4,434.48	13,303.44	36,716.56	27	47,599.8
Taxes & Benefits Life Insurance	405.00	32.44	97.32	307.68	24	351.4
Taxes & Benefits Allowances	360.00	30.00	90.00	270.00	25	345.0
Operating Supplies Chemicals	3,000.00	.00	.00	3,000.00	0	2,037.5
Operating Supplies Clothing	1,200.00	44.64	44.64	1,155.36	4	1,186.3
Operating Supplies Other	18,000.00	.00	.00	18,000.00	0	14,426.1
Repair and Maintenance Landscape	139,000.00	.00	.00	139,000.00	0	114,922.1
Repair and Maintenance Vehicle Maint Service Charge	51,985.00	4,332.00	12,996.00	38,989.00	25	56,165.0
Other Small Tools & Equipment	3,000.00	.00	219.37	2,780.63	7	2,420.7
Program **5212 - Landscape Maintenance** Totals	$519,500.00	$24,591.15	$69,780.60	$449,719.40	13%	$493,858.7
Division **39 - Forestry** Totals	$1,524,872.00	$76,572.17	$212,304.70	$1,312,567.30	14%	$1,291,522.3
Division **41 - Streets**						
Program **5231 - Pavement Maintenance**						
Salaries Full Time	635,795.00	47,624.00	130,966.00	504,829.00	21	614,105.3
Salaries Part Time	7,500.00	.00	654.93	6,845.07	9	1,497.1
Salaries Overtime	137,000.00	7,450.99	55,108.80	81,891.20	40	130,606.2
Salaries Special Compensation	7,000.00	.00	102.87	6,897.13	1	11,732.6
Salaries Other	.00	.00	.00	.00	+++	4,803.9
Taxes & Benefits Medicare	11,490.00	796.89	2,826.72	8,663.28	25	10,986.2
Taxes & Benefits Social Security	48,935.00	3,407.31	12,086.58	36,848.42	25	46,974.8
Taxes & Benefits IMRF Er Contribution	72,620.00	5,127.49	18,150.85	54,469.15	25	90,549.49

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VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Taxes & Benefits Medical/Dental Insurance	160,000.00	13,303.44	39,910.32	120,089.68	25	146,043.5
Taxes & Benefits Life Insurance	1,405.00	114.74	344.22	1,060.78	24	1,243.6
Taxes & Benefits Allowances	1,080.00	90.00	270.00	810.00	25	1,035.0
Operating Supplies Chemicals	30,000.00	.00	18,966.00	11,034.00	63	33,890.0
Operating Supplies Salt	209,206.00	41,551.98	110,626.80	98,579.20	53	221,323.3
Operating Supplies Clothing	4,200.00	135.27	192.86	4,007.14	5	3,093.0
Operating Supplies Shop Materials	1,500.00	.00	214.00	1,286.00	14	2,153.9
R&M Supplies Street Maintenance	376,880.00	40,651.05	42,369.60	334,510.40	11	247,911.7
Services Other	154,220.00	26,151.69	88,294.60	65,925.40	57	147,641.6
Utility Services Refuse Disposal	20,000.00	.00	.00	20,000.00	0	16,412.7
Repair and Maintenance Streets	89,400.00	.00	.00	89,400.00	0	76,165.4
Repair and Maintenance Vehicle Maint Service Charge	197,565.00	16,464.00	49,392.00	148,173.00	25	213,355.0
Rental Machinery	31,050.00	.00	.00	31,050.00	0	23,300.0
Other Small Tools & Equipment	9,000.00	80.14	2,851.43	6,148.57	32	11,464.4
Program **5231 - Pavement Maintenance** Totals	$2,205,846.00	$202,948.99	$573,328.58	$1,632,517.42	26%	$2,056,289.4
Program **5232 - Traffic Control & Safety Signs**						
Salaries Full Time	165,035.00	11,995.20	32,986.80	132,048.20	20	152,955.6
Salaries Overtime	500.00	.00	.00	500.00	0	290.7
Salaries Special Compensation	750.00	.00	.00	750.00	0	1,799.9
Taxes & Benefits Medicare	2,425.00	174.09	464.31	1,960.69	19	2,234.2
Taxes & Benefits Social Security	10,340.00	744.43	1,985.29	8,354.71	19	9,553.1
Taxes & Benefits IMRF Er Contribution	15,490.00	1,116.75	2,978.20	12,511.80	19	18,366.5
Taxes & Benefits Medical/Dental Insurance	33,350.00	2,956.32	8,868.96	24,481.04	27	31,733.3
Taxes & Benefits Life Insurance	370.00	28.58	82.83	287.17	22	307.0
Taxes & Benefits Allowances	360.00	30.00	90.00	270.00	25	345.0
Operating Supplies Clothing	1,200.00	.00	.00	1,200.00	0	509.2
Operating Supplies Shop Materials	33,981.00	2,636.87	2,995.15	30,985.85	9	31,406.0
Services Other	30,000.00	.00	.00	30,000.00	0	26,513.9
Utility Services Electric	900.00	33.39	79.49	820.51	9	480.0
Repair and Maintenance Vehicle Maint Service Charge	35,240.00	2,937.00	8,811.00	26,429.00	25	38,070.0
Other Small Tools & Equipment	2,800.00	.00	334.75	2,465.25	12	2,986.8
Program **5232 - Traffic Control & Safety Signs** Totals	$332,741.00	$22,652.63	$59,676.78	$273,064.22	18%	$317,551.7
Program **5233 - Rights of Way Maintenance**						
Salaries Full Time	228,840.00	16,721.60	45,984.40	182,855.60	20	214,424.5
Salaries Overtime	2,500.00	.00	165.45	2,334.55	7	3,428.9
Salaries Special Compensation	1,000.00	.00	102.87	897.13	10	1,173.7
Taxes & Benefits Medicare	3,380.00	242.69	648.54	2,731.46	19	3,177.1
Taxes & Benefits Social Security	14,410.00	1,037.62	2,772.90	11,637.10	19	13,584.7
Taxes & Benefits IMRF Er Contribution	21,645.00	1,556.77	4,160.19	17,484.81	19	26,118.1
Taxes & Benefits Medical/Dental Insurance	58,360.00	5,173.56	15,520.68	42,839.32	27	55,533.2
Taxes & Benefits Life Insurance	510.00	39.88	116.89	393.11	23	430.2
Operating Supplies Clothing	1,800.00	44.64	102.23	1,697.77	6	1,343.5
Utility Services Refuse Disposal	2,000.00	.00	.00	2,000.00	0	.0
Repair and Maintenance Landscape	1,530.00	.00	.00	1,530.00	0	43.9
Repair and Maintenance Vehicle Maint Service Charge	96,980.00	8,082.00	24,246.00	72,734.00	25	104,685.0
Other Small Tools & Equipment	1,000.00	205.16	219.10	780.90	22	361.8
Program **5233 - Rights of Way Maintenance** Totals	$433,955.00	$33,103.92	$94,039.25	$339,915.75	22%	$424,305.2
Division **41 - Streets** Totals	$2,972,542.00	$258,705.54	$727,044.61	$2,245,497.39	24%	$2,798,146.4
Division **43 - Engineering**						
Program **0000 - General**						
Salaries Full Time	174,295.00	13,283.86	27,834.41	146,460.59	16	105,858.9
Salaries Part Time	.00	.00	.00	.00	+++	697.5
Salaries Special Compensation	1,000.00	.00	.00	1,000.00	0	1,811.1
Taxes & Benefits Medicare	2,545.00	192.30	404.66	2,140.34	16	1,571.3
Taxes & Benefits Social Security	10,875.00	822.22	1,730.25	9,144.75	16	6,718.9
Taxes & Benefits IMRF Er Contribution	16,325.00	1,236.71	2,591.35	13,733.65	16	12,865.92

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **General Fund**						
Fund **100 - General Fund**						
Taxes & Benefits Medical/Dental Insurance	26,610.00	1,478.16	2,956.32	23,653.68	11	7,982.4
Taxes & Benefits Life Insurance	385.00	31.92	66.42	318.58	17	214.3
Office Supplies Paper	200.00	.00	.00	200.00	0	.0
Operating Supplies Other	100.00	.00	.00	100.00	0	27.3
Services Architectual	2,500.00	1,000.00	1,000.00	1,500.00	40	1,260.0
Services Engineering	20,000.00	1,000.00	1,475.00	18,525.00	7	19,417.0
Services Data Processing/Technology	500.00	.00	.00	500.00	0	.0
Repair and Maintenance Machinery & Equipment	500.00	.00	69.99	430.01	14	447.6
Program **0000 - General** Totals	$255,835.00	$19,045.17	$38,128.40	$217,706.60	15%	$158,872.6
Division **43 - Engineering** Totals	$255,835.00	$19,045.17	$38,128.40	$217,706.60	15%	$158,872.6
Department **52 - Public Works** Totals	$7,172,349.00	$532,921.09	$1,442,246.24	$5,730,102.76	20%	$6,291,027.0
EXPENSE TOTALS	$65,066,805.00	$8,186,219.91	$16,842,568.23	$48,224,236.77	26%	$60,199,233.3
Fund **100 - General Fund** Totals						
REVENUE TOTALS	65,066,805.00	12,378,493.49	23,604,012.19	41,462,792.81	36%	69,245,674.0
EXPENSE TOTALS	65,066,805.00	8,186,219.91	16,842,568.23	48,224,236.77	26%	60,199,233.3
Fund **100 - General Fund** Net Gain (Loss)	$0.00	$4,192,273.58	$6,761,443.96	$6,761,443.96	+++	$9,046,440.7

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **205 - Motor Fuel Tax Fund**						
REVENUE						
Shared Revenues Motor Fuel Tax	2,505,300.00	160,991.58	649,142.29	1,856,157.71	26	2,768,084.2
Grants	753,029.00	753,029.34	753,029.34	(.34)	100	1,506,058.6
Interest Income Investments	750.00	.00	470.00	280.00	63	924.0
(Source)/Use of Reserves	1,867,754.00	.00	.00	1,867,754.00	0	.0
REVENUE TOTALS	$5,126,833.00	$914,020.92	$1,402,641.63	$3,724,191.37	27%	$4,275,066.9
EXPENSE						
Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **6060 - Streets**						
Improvements Other Than Buildings	5,126,833.00	71,005.00	51,754.50	5,075,078.50	1	2,864,112.9
Program **6060 - Streets** Totals	$5,126,833.00	$71,005.00	$51,754.50	$5,075,078.50	1%	$2,864,112.9
Division **75 - Capital Outlay** Totals	$5,126,833.00	$71,005.00	$51,754.50	$5,075,078.50	1%	$2,864,112.9
Department **52 - Public Works** Totals	$5,126,833.00	$71,005.00	$51,754.50	$5,075,078.50	1%	$2,864,112.9
EXPENSE TOTALS	$5,126,833.00	$71,005.00	$51,754.50	$5,075,078.50	1%	$2,864,112.9
Fund **205 - Motor Fuel Tax Fund** Totals						
REVENUE TOTALS	5,126,833.00	914,020.92	1,402,641.63	3,724,191.37	27%	4,275,066.9
EXPENSE TOTALS	5,126,833.00	71,005.00	51,754.50	5,075,078.50	1%	2,864,112.9
Fund **205 - Motor Fuel Tax Fund** Net Gain (Loss)	$0.00	$843,015.92	$1,350,887.13	$1,350,887.13	+++	$1,410,953.9

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **210 - Community Dev Block Grant Fund**						
REVENUE						
Grants	493,853.00	12,124.00	60,839.06	433,013.94	12	506,830.6
REVENUE TOTALS	$493,853.00	$12,124.00	$60,839.06	$433,013.94	12%	$506,830.6
EXPENSE						
Department **30 - Finance & Operations**						
Division **80 - Interfund Transfers**						
Program **0000 - General**						
Services Administrative Service Charge	96,988.00	12,124.00	36,372.00	60,616.00	38	103,039.0
Program **0000 - General** Totals	$96,988.00	$12,124.00	$36,372.00	$60,616.00	38%	$103,039.0
Division **80 - Interfund Transfers** Totals	$96,988.00	$12,124.00	$36,372.00	$60,616.00	38%	$103,039.0
Department **30 - Finance & Operations** Totals	$96,988.00	$12,124.00	$36,372.00	$60,616.00	38%	$103,039.0
Department **36 - Planning & Zoning**						
Division **21 - Community Development**						
Program **0000 - General**						
Services Other	545.00	.00	.00	545.00	0	77,279.0
Program **0000 - General** Totals	$545.00	$0.00	$0.00	$545.00	0%	$77,279.0
Division **21 - Community Development** Totals	$545.00	$0.00	$0.00	$545.00	0%	$77,279.0
Department **36 - Planning & Zoning** Totals	$545.00	$0.00	$0.00	$545.00	0%	$77,279.0
Department **40 - Community Development**						
Division **21 - Community Development**						
Program **0000 - General**						
Services Other	72,741.00	.00	24,467.06	48,273.94	34	.0
Program **0000 - General** Totals	$72,741.00	$0.00	$24,467.06	$48,273.94	34%	$0.0
Division **21 - Community Development** Totals	$72,741.00	$0.00	$24,467.06	$48,273.94	34%	$0.0
Department **40 - Community Development** Totals	$72,741.00	$0.00	$24,467.06	$48,273.94	34%	$0.0
Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **6040 - Rights of Way Improvements**						
Improvements Other Than Buildings	323,579.00	.00	.00	323,579.00	0	326,512.6
Program **6040 - Rights of Way Improvements** Totals	$323,579.00	$0.00	$0.00	$323,579.00	0%	$326,512.6
Division **75 - Capital Outlay** Totals	$323,579.00	$0.00	$0.00	$323,579.00	0%	$326,512.6
Department **52 - Public Works** Totals	$323,579.00	$0.00	$0.00	$323,579.00	0%	$326,512.6
EXPENSE TOTALS	$493,853.00	$12,124.00	$60,839.06	$433,013.94	12%	$506,830.6
Fund **210 - Community Dev Block Grant Fund** Totals						
REVENUE TOTALS	493,853.00	12,124.00	60,839.06	433,013.94	12%	506,830.6
EXPENSE TOTALS	493,853.00	12,124.00	60,839.06	433,013.94	12%	506,830.6
Fund **210 - Community Dev Block Grant Fund** Net Gain (Loss)	$0.00	$0.00	$0.00	$0.00	+++	$0.0

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **221 - Federal Equitable Sharing Fund**						
REVENUE						
Grants	20,000.00	19,500.00	19,500.00	500.00	98	87,329.7
Interest Income Investments	.00	.00	78.00	(78.00)	+++	196.0
REVENUE TOTALS	$20,000.00	$19,500.00	$19,578.00	$422.00	98%	$87,525.7
EXPENSE						
Department **42 - Police**						
Division **27 - Crime Control & Investigation**						
Program **4201 - Patrol**						
Operating Supplies Other	20,000.00	725.00	18,005.91	1,994.09	90	22,003.8
Program **4201 - Patrol** Totals	$20,000.00	$725.00	$18,005.91	$1,994.09	90%	$22,003.8
Division **27 - Crime Control & Investigation** Totals	$20,000.00	$725.00	$18,005.91	$1,994.09	90%	$22,003.8
Department **42 - Police** Totals	$20,000.00	$725.00	$18,005.91	$1,994.09	90%	$22,003.8
EXPENSE TOTALS	$20,000.00	$725.00	$18,005.91	$1,994.09	90%	$22,003.8
Fund **221 - Federal Equitable Sharing Fund** Totals						
REVENUE TOTALS	20,000.00	19,500.00	19,578.00	422.00	98%	87,525.7
EXPENSE TOTALS	20,000.00	725.00	18,005.91	1,994.09	90%	22,003.8
Fund **221 - Federal Equitable Sharing Fund** Net Gain (Loss)	$0.00	$18,775.00	$1,572.09	$1,572.09	+++	$65,521.8

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **222 - State Equitable Sharing Fund**						
REVENUE						
Grants	5,000.00	.00	.00	5,000.00	0	9,588.1
Interest Income Investments	.00	.00	47.00	(47.00)	+++	110.0
REVENUE TOTALS	$5,000.00	$0.00	$47.00	$4,953.00	1%	$9,698.1
EXPENSE						
Department **42 - Police**						
Division **27 - Crime Control & Investigation**						
Program **4201 - Patrol**						
Operating Supplies Other	5,000.00	.00	.00	5,000.00	0	7,572.4
Program **4201 - Patrol** Totals	$5,000.00	$0.00	$0.00	$5,000.00	0%	$7,572.4
Division **27 - Crime Control & Investigation** Totals	$5,000.00	$0.00	$0.00	$5,000.00	0%	$7,572.4
Department **42 - Police** Totals	$5,000.00	$0.00	$0.00	$5,000.00	0%	$7,572.4
EXPENSE TOTALS	$5,000.00	$0.00	$0.00	$5,000.00	0%	$7,572.4
Fund **222 - State Equitable Sharing Fund** Totals						
REVENUE TOTALS	5,000.00	.00	47.00	4,953.00	1%	9,698.1
EXPENSE TOTALS	5,000.00	.00	.00	5,000.00	0%	7,572.4
Fund **222 - State Equitable Sharing Fund** Net Gain (Loss)	$0.00	$0.00	$47.00	$47.00	+++	$2,125.6

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **224 - Foreign Fire Insurance Tax Fund**						
REVENUE						
Shared Revenues Foreign Fire Insurance Tax	70,000.00	.00	.00	70,000.00	0	125,615.9
Interest Income Investments	.00	.00	12.43	(12.43)	+++	60.1
Other Miscellaneous Income	.00	.00	.00	.00	+++	10.0
REVENUE TOTALS	$70,000.00	$0.00	$12.43	$69,987.57	0%	$125,686.0
EXPENSE						
Department **44 - Fire**						
Division **31 - Special Detail Services**						
Program **0000 - General**						
Operating Supplies Other	70,000.00	.00	15,234.34	54,765.66	22	82,859.1
Program **0000 - General** Totals	$70,000.00	$0.00	$15,234.34	$54,765.66	22%	$82,859.1
Division **31 - Special Detail Services** Totals	$70,000.00	$0.00	$15,234.34	$54,765.66	22%	$82,859.1
Department **44 - Fire** Totals	$70,000.00	$0.00	$15,234.34	$54,765.66	22%	$82,859.1
EXPENSE TOTALS	$70,000.00	$0.00	$15,234.34	$54,765.66	22%	$82,859.1
Fund **224 - Foreign Fire Insurance Tax Fund** Totals						
REVENUE TOTALS	70,000.00	.00	12.43	69,987.57	0%	125,686.0
EXPENSE TOTALS	70,000.00	.00	15,234.34	54,765.66	22%	82,859.1
Fund **224 - Foreign Fire Insurance Tax Fund** Net Gain (Loss)	$0.00	$0.00	($15,221.91)	($15,221.91)	+++	$42,826.8

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **233 - Downtown Area TIF (TIF #3) Fund**						
REVENUE						
Property Tax TIF Increment	7,599,000.00	2,605,874.35	4,021,711.99	3,577,288.01	53	7,320,327.5
Interest Income Investments	5,000.00	.00	1,355.00	3,645.00	27	3,287.0
(Source)/Use of Reserves	(1,643,183.00)	.00	.00	(1,643,183.00)	0	.0
REVENUE TOTALS	$5,960,817.00	$2,605,874.35	$4,023,066.99	$1,937,750.01	67%	$7,323,614.5
EXPENSE						
Department **20 - Village Manager's Office**						
Division **10 - Economic Development**						
Program **0000 - General**						
Services Financial	5,000.00	.00	.00	5,000.00	0	1,000.0
Services Legal	5,000.00	.00	.00	5,000.00	0	757.5
Program **0000 - General** Totals	$10,000.00	$0.00	$0.00	$10,000.00	0%	$1,757.5
Division **10 - Economic Development** Totals	$10,000.00	$0.00	$0.00	$10,000.00	0%	$1,757.5
Department **20 - Village Manager's Office** Totals	$10,000.00	$0.00	$0.00	$10,000.00	0%	$1,757.5
Department **30 - Finance & Operations**						
Division **70 - Debt Service**						
Program **3043 - Lim Oblig TIF Notes Series 2006B**						
Principal	14,000.00	.00	14,000.00	.00	100	13,229.0
Program **3043 - Lim Oblig TIF Notes Series 2006B** Totals	$14,000.00	$0.00	$14,000.00	$0.00	100%	$13,229.0
Program **3063 - Interfund Loan**						
Principal	994,340.00	.00	.00	994,340.00	0	.0
Interest	49,720.00	.00	.00	49,720.00	0	96,400.0
Program **3063 - Interfund Loan** Totals	$1,044,060.00	$0.00	$0.00	$1,044,060.00	0%	$96,400.0
Program **3066 - GO Tax Ref Series 2012 (TIF 3)**						
Principal	615,000.00	.00	.00	615,000.00	0	595,000.0
Interest	14,605.00	.00	.00	14,605.00	0	27,250.0
Paying Agent Fees	750.00	.00	.00	750.00	0	550.0
Program **3066 - GO Tax Ref Series 2012 (TIF 3)** Totals	$630,355.00	$0.00	$0.00	$630,355.00	0%	$622,800.0
Program **3070 - GO Ref Series 2017A (TIF 3)**						
Principal	2,060,000.00	.00	.00	2,060,000.00	0	1,995,000.0
Interest	37,080.00	.00	.00	37,080.00	0	69,997.5
Paying Agent Fees	750.00	.00	.00	750.00	0	475.0
Program **3070 - GO Ref Series 2017A (TIF 3)** Totals	$2,097,830.00	$0.00	$0.00	$2,097,830.00	0%	$2,065,472.5
Program **3072 - GO Tax Ref Series 2017C (TIF 3)**						
Principal	650,000.00	.00	.00	650,000.00	0	640,000.0
Interest	14,300.00	.00	.00	14,300.00	0	27,100.0
Paying Agent Fees	750.00	.00	.00	750.00	0	475.0
Program **3072 - GO Tax Ref Series 2017C (TIF 3)** Totals	$665,050.00	$0.00	$0.00	$665,050.00	0%	$667,575.0
Division **70 - Debt Service** Totals	$4,451,295.00	$0.00	$14,000.00	$4,437,295.00	0%	$3,465,476.5
Department **30 - Finance & Operations** Totals	$4,451,295.00	$0.00	$14,000.00	$4,437,295.00	0%	$3,465,476.5

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Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Improvements Other Than Buildings	909,811.00	6,920.00	6,920.00	902,891.00	1	131,419.4
Program **6010 - Buildings & Facilities** Totals	$909,811.00	$6,920.00	$6,920.00	$902,891.00	1%	$131,419.4
Program **6020 - Flood Control**						
Improvements Other Than Buildings	50,000.00	.00	.00	50,000.00	0	.0
Program **6020 - Flood Control** Totals	$50,000.00	$0.00	$0.00	$50,000.00	0%	$0.0
Program **6060 - Streets**						
Improvements Other Than Buildings	539,711.00	16,100.00	16,100.00	523,611.00	3	73,751.3
Program **6060 - Streets** Totals	$539,711.00	$16,100.00	$16,100.00	$523,611.00	3%	$73,751.3
Division **75 - Capital Outlay** Totals	$1,499,522.00	$23,020.00	$23,020.00	$1,476,502.00	2%	$205,170.7
Department **52 - Public Works** Totals	$1,499,522.00	$23,020.00	$23,020.00	$1,476,502.00	2%	$205,170.7
EXPENSE TOTALS	$5,960,817.00	$23,020.00	$37,020.00	$5,923,797.00	1%	$3,672,404.7
Fund **233 - Downtown Area TIF (TIF #3) Fund** Totals						
REVENUE TOTALS	5,960,817.00	2,605,874.35	4,023,066.99	1,937,750.01	67%	7,323,614.5
EXPENSE TOTALS	5,960,817.00	23,020.00	37,020.00	5,923,797.00	1%	3,672,404.7
Fund **233 - Downtown Area TIF (TIF #3) Fund** Net Gain (Loss)	$0.00	$2,582,854.35	$3,986,046.99	$3,986,046.99	+++	$3,651,209.8

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Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **234 - Rand Corridor TIF (TIF #4) Fund**						
REVENUE						
Property Tax TIF Increment	3,434,000.00	1,566,952.74	2,021,017.98	1,412,982.02	59	3,637,827.3
Interest Income Investments	1,500.00	.00	216.00	1,284.00	14	32,752.5
Investment Income Unrealized Gain/Loss	.00	.00	(20,648.75)	20,648.75	+++	(13,574.32
(Source)/Use of Reserves	1,771,241.00	.00	.00	1,771,241.00	0	.0
REVENUE TOTALS	$5,206,741.00	$1,566,952.74	$2,000,585.23	$3,206,155.77	38%	$3,657,005.5
EXPENSE						
Department **20 - Village Manager's Office**						
Division **10 - Economic Development**						
Program **0000 - General**						
Services Financial	5,000.00	.00	.00	5,000.00	0	1,000.0
Services Legal	5,000.00	.00	.00	5,000.00	0	.0
Rebates	2,250,000.00	.00	.00	2,250,000.00	0	2,250,000.0
TIF Development	1,000,000.00	.00	.00	1,000,000.00	0	297,044.5
Program **0000 - General** Totals	$3,260,000.00	$0.00	$0.00	$3,260,000.00	0%	$2,548,044.5
Division **10 - Economic Development** Totals	$3,260,000.00	$0.00	$0.00	$3,260,000.00	0%	$2,548,044.5
Department **20 - Village Manager's Office** Totals	$3,260,000.00	$0.00	$0.00	$3,260,000.00	0%	$2,548,044.5
Department **30 - Finance & Operations**						
Division **70 - Debt Service**						
Program **3068 - GO Tax Ref Series 2014B (TIF 4)**						
Principal	705,000.00	.00	.00	705,000.00	0	680,000.0
Interest	93,020.00	.00	.00	93,020.00	0	113,420.0
Paying Agent Fees	750.00	.00	.00	750.00	0	750.0
Program **3068 - GO Tax Ref Series 2014B (TIF 4)** Totals	$798,770.00	$0.00	$0.00	$798,770.00	0%	$794,170.0
Program **3073 - GO Tax Ref Series 2017D (TIF 4)**						
Principal	675,000.00	.00	.00	675,000.00	0	660,000.0
Interest	95,675.00	.00	.00	95,675.00	0	110,192.5
Paying Agent Fees	750.00	.00	.00	750.00	0	475.0
Program **3073 - GO Tax Ref Series 2017D (TIF 4)** Totals	$771,425.00	$0.00	$0.00	$771,425.00	0%	$770,667.5
Division **70 - Debt Service** Totals	$1,570,195.00	$0.00	$0.00	$1,570,195.00	0%	$1,564,837.5
Department **30 - Finance & Operations** Totals	$1,570,195.00	$0.00	$0.00	$1,570,195.00	0%	$1,564,837.5
Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **6040 - Rights of Way Improvements**						
Improvements Other Than Buildings	376,546.00	6,425.00	(16,568.26)	393,114.26	(4)	271,229.4
Program **6040 - Rights of Way Improvements** Totals	$376,546.00	$6,425.00	($16,568.26)	$393,114.26	(4%)	$271,229.4
Division **75 - Capital Outlay** Totals	$376,546.00	$6,425.00	($16,568.26)	$393,114.26	(4%)	$271,229.4
Department **52 - Public Works** Totals	$376,546.00	$6,425.00	($16,568.26)	$393,114.26	(4%)	$271,229.4
EXPENSE TOTALS	$5,206,741.00	$6,425.00	($16,568.26)	$5,223,309.26	(0%)	$4,384,111.4
Fund **234 - Rand Corridor TIF (TIF #4) Fund** Totals						
REVENUE TOTALS	5,206,741.00	1,566,952.74	2,000,585.23	3,206,155.77	38%	3,657,005.5
EXPENSE TOTALS	5,206,741.00	6,425.00	(16,568.26)	5,223,309.26	(0%)	4,384,111.4
Fund **234 - Rand Corridor TIF (TIF #4) Fund** Net Gain (Loss)	$0.00	$1,560,527.74	$2,017,153.49	$2,017,153.49	+++	($727,105.95

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **235 - Rand/Lake Cook TIF (TIF #5) Fund**						
REVENUE						
Property Tax TIF Increment	1,600,000.00	475,214.41	702,334.10	897,665.90	44	1,317,344.1
Interest Income Investments	500.00	.00	493.00	7.00	99	1,165.0
(Source)/Use of Reserves	(245,500.00)	.00	.00	(245,500.00)	0	.0
REVENUE TOTALS	$1,355,000.00	$475,214.41	$702,827.10	$652,172.90	52%	$1,318,509.1
EXPENSE						
Department **20 - Village Manager's Office**						
Division **10 - Economic Development**						
Program **0000 - General**						
Services Financial	5,000.00	.00	.00	5,000.00	0	1,000.0
Rebates	1,350,000.00	.00	.00	1,350,000.00	0	.0
Program **0000 - General** Totals	$1,355,000.00	$0.00	$0.00	$1,355,000.00	0%	$1,000.0
Division **10 - Economic Development** Totals	$1,355,000.00	$0.00	$0.00	$1,355,000.00	0%	$1,000.0
Department **20 - Village Manager's Office** Totals	$1,355,000.00	$0.00	$0.00	$1,355,000.00	0%	$1,000.0
EXPENSE TOTALS	$1,355,000.00	$0.00	$0.00	$1,355,000.00	0%	$1,000.0
Fund **235 - Rand/Lake Cook TIF (TIF #5) Fund** Totals						
REVENUE TOTALS	1,355,000.00	475,214.41	702,827.10	652,172.90	52%	1,318,509.1
EXPENSE TOTALS	1,355,000.00	.00	.00	1,355,000.00	0%	1,000.0
Fund **235 - Rand/Lake Cook TIF (TIF #5) Fund** Net Gain (Loss)	$0.00	$475,214.41	$702,827.10	$702,827.10	+++	$1,317,509.1

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Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **252 - Police Grant Fund**						
REVENUE						
Grants	98,228.00	4,905.61	31,630.98	66,597.02	32	126,446.7
REVENUE TOTALS	$98,228.00	$4,905.61	$31,630.98	$66,597.02	32%	$126,446.7
EXPENSE						
Department **42 - Police**						
Division **31 - Special Detail Services**						
Program **0000 - General**						
Salaries Overtime	98,228.00	10,526.36	14,703.97	83,524.03	15	126,446.7
Program **0000 - General** Totals	$98,228.00	$10,526.36	$14,703.97	$83,524.03	15%	$126,446.7
Division **31 - Special Detail Services** Totals	$98,228.00	$10,526.36	$14,703.97	$83,524.03	15%	$126,446.7
Department **42 - Police** Totals	$98,228.00	$10,526.36	$14,703.97	$83,524.03	15%	$126,446.7
EXPENSE TOTALS	$98,228.00	$10,526.36	$14,703.97	$83,524.03	15%	$126,446.7
Fund **252 - Police Grant Fund** Totals						
REVENUE TOTALS	98,228.00	4,905.61	31,630.98	66,597.02	32%	126,446.7
EXPENSE TOTALS	98,228.00	10,526.36	14,703.97	83,524.03	15%	126,446.7
Fund **252 - Police Grant Fund** Net Gain (Loss)	$0.00	($5,620.75)	$16,927.01	$16,927.01	+++	$0.0

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Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **255 - CDBG - CV Fund**						
REVENUE						
Grants	371,351.00	17,672.33	17,672.33	353,678.67	5	345,690.0
REVENUE TOTALS	$371,351.00	$17,672.33	$17,672.33	$353,678.67	5%	$345,690.0
EXPENSE						
Department **36 - Planning & Zoning**						
Division **10 - Economic Development**						
Program **0000 - General**						
Services Other	.00	.00	.00	.00	+++	186,270.6
Program **0000 - General** Totals	$0.00	$0.00	$0.00	$0.00	+++	$186,270.6
Division **10 - Economic Development** Totals	$0.00	$0.00	$0.00	$0.00	+++	$186,270.6
Division **21 - Community Development**						
Program **0000 - General**						
Services Other	371,351.00	25,958.33	25,958.33	345,392.67	7	159,419.4
Program **0000 - General** Totals	$371,351.00	$25,958.33	$25,958.33	$345,392.67	7%	$159,419.4
Division **21 - Community Development** Totals	$371,351.00	$25,958.33	$25,958.33	$345,392.67	7%	$159,419.4
Department **36 - Planning & Zoning** Totals	$371,351.00	$25,958.33	$25,958.33	$345,392.67	7%	$345,690.0
EXPENSE TOTALS	$371,351.00	$25,958.33	$25,958.33	$345,392.67	7%	$345,690.0
Fund **255 - CDBG - CV Fund** Totals						
REVENUE TOTALS	371,351.00	17,672.33	17,672.33	353,678.67	5%	345,690.0
EXPENSE TOTALS	371,351.00	25,958.33	25,958.33	345,392.67	7%	345,690.0
Fund **255 - CDBG - CV Fund** Net Gain (Loss)	$0.00	($8,286.00)	($8,286.00)	($8,286.00)	+++	$0.0

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Governmental**						
Fund Type **Special Revenue**						
Fund **256 - ARPA Fund**						
REVENUE						
Grants	6,006,265.00	.00	.00	6,006,265.00	0	.0
Interest Income Investments	.00	.00	911.00	(911.00)	+++	1,174.0
REVENUE TOTALS	$6,006,265.00	$0.00	$911.00	$6,005,354.00	0%	$1,174.0
EXPENSE						
Department **38 - Information Technology**						
Division **75 - Capital Outlay**						
Program **6030 - Technology**						
Technology	265,000.00	5,035.18	248,730.86	16,269.14	94	.0
Program **6030 - Technology** Totals	$265,000.00	$5,035.18	$248,730.86	$16,269.14	94%	$0.0
Division **75 - Capital Outlay** Totals	$265,000.00	$5,035.18	$248,730.86	$16,269.14	94%	$0.0
Department **38 - Information Technology** Totals	$265,000.00	$5,035.18	$248,730.86	$16,269.14	94%	$0.0
Department **44 - Fire**						
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Buildings & Structures	3,000,000.00	.00	.00	3,000,000.00	0	.0
Program **6010 - Buildings & Facilities** Totals	$3,000,000.00	$0.00	$0.00	$3,000,000.00	0%	$0.0
Program **6070 - Vehicles & Equipment**						
Motor Vehicles	1,350,000.00	.00	.00	1,350,000.00	0	.0
Program **6070 - Vehicles & Equipment** Totals	$1,350,000.00	$0.00	$0.00	$1,350,000.00	0%	$0.0
Division **75 - Capital Outlay** Totals	$4,350,000.00	$0.00	$0.00	$4,350,000.00	0%	$0.0
Department **44 - Fire** Totals	$4,350,000.00	$0.00	$0.00	$4,350,000.00	0%	$0.0
Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **6020 - Flood Control**						
Improvements Other Than Buildings	1,000,000.00	.00	.00	1,000,000.00	0	.0
Program **6020 - Flood Control** Totals	$1,000,000.00	$0.00	$0.00	$1,000,000.00	0%	$0.0
Program **6080 - Water System**						
Improvements Other Than Buildings	391,265.00	.00	.00	391,265.00	0	.0
Program **6080 - Water System** Totals	$391,265.00	$0.00	$0.00	$391,265.00	0%	$0.0
Division **75 - Capital Outlay** Totals	$1,391,265.00	$0.00	$0.00	$1,391,265.00	0%	$0.0
Department **52 - Public Works** Totals	$1,391,265.00	$0.00	$0.00	$1,391,265.00	0%	$0.0
EXPENSE TOTALS	$6,006,265.00	$5,035.18	$248,730.86	$5,757,534.14	4%	$0.0
Fund **256 - ARPA Fund** Totals						
REVENUE TOTALS	6,006,265.00	.00	911.00	6,005,354.00	0%	1,174.0
EXPENSE TOTALS	6,006,265.00	5,035.18	248,730.86	5,757,534.14	4%	.0
Fund **256 - ARPA Fund** Net Gain (Loss)	$0.00	($5,035.18)	($247,819.86)	($247,819.86)	+++	$1,174.0

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Fund Category **Governmental**						
Fund Type **Debt Service**						
Fund **300 - Debt Service Fund**						
REVENUE						
Property Tax Debt Service	1,284,156.00	503,332.00	690,861.00	593,295.00	54	1,273,941.0
Interest Income Investments	1,425.00	.00	38.00	1,387.00	3	200.0
REVENUE TOTALS	$1,285,581.00	$503,332.00	$690,899.00	$594,682.00	54%	$1,274,141.0
EXPENSE						
Department **30 - Finance & Operations**						
Division **70 - Debt Service**						
Program **3071 - GO Ref Series 2017B**						
Interest	43,950.00	.00	.00	43,950.00	0	43,950.0
Paying Agent Fees	475.00	.00	.00	475.00	0	475.0
Program **3071 - GO Ref Series 2017B** Totals	$44,425.00	$0.00	$0.00	$44,425.00	0%	$44,425.0
Program **3074 - GO Ref Series 2018**						
Principal	500,000.00	.00	.00	500,000.00	0	470,000.0
Interest	249,000.00	.00	.00	249,000.00	0	272,500.0
Paying Agent Fees	475.00	.00	.00	475.00	0	475.0
Program **3074 - GO Ref Series 2018** Totals	$749,475.00	$0.00	$0.00	$749,475.00	0%	$742,975.0
Program **3075 - GO Ref Series 2020**						
Interest	491,206.00	.00	.00	491,206.00	0	491,206.2
Paying Agent Fees	475.00	.00	.00	475.00	0	475.0
Program **3075 - GO Ref Series 2020** Totals	$491,681.00	$0.00	$0.00	$491,681.00	0%	$491,681.2
Division **70 - Debt Service** Totals	$1,285,581.00	$0.00	$0.00	$1,285,581.00	0%	$1,279,081.2
Department **30 - Finance & Operations** Totals	$1,285,581.00	$0.00	$0.00	$1,285,581.00	0%	$1,279,081.2
EXPENSE TOTALS	$1,285,581.00	$0.00	$0.00	$1,285,581.00	0%	$1,279,081.2
Fund **300 - Debt Service Fund** Totals						
REVENUE TOTALS	1,285,581.00	503,332.00	690,899.00	594,682.00	54%	1,274,141.0
EXPENSE TOTALS	1,285,581.00	.00	.00	1,285,581.00	0%	1,279,081.2
Fund **300 - Debt Service Fund** Net Gain (Loss)	$0.00	$503,332.00	$690,899.00	$690,899.00	+++	($4,940.26

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Fund Category **Governmental**						
Fund Type **Capital Projects**						
Fund **401 - Capital Equipment Fund**						
REVENUE						
Simplified Telecommunications Tax	348,335.00	35,953.00	106,155.00	242,180.00	30	444,763.0
Interest Income Investments	7,500.00	.00	501.00	6,999.00	7	171,726.2
Investment Income Unrealized Gain/Loss	.00	.00	(29,066.27)	29,066.27	+++	(17,755.32
Rental Income Communication Tower	362,860.00	24,698.22	113,340.65	249,519.35	31	408,114.9
Sales Capital Assets	50,000.00	613.85	613.85	49,386.15	1	178,437.0
Interfund Transfers In	620,000.00	51,666.00	154,998.00	465,002.00	25	707,600.0
(Source)/Use of Reserves	938,914.00	.00	.00	938,914.00	0	.0
REVENUE TOTALS	$2,327,609.00	$112,931.07	$346,542.23	$1,981,066.77	15%	$1,892,885.9
EXPENSE						
Department **38 - Information Technology**						
Division **75 - Capital Outlay**						
Program **6030 - Technology**						
Technology	388,385.00	.00	14,026.64	374,358.36	4	239,624.2
Program **6030 - Technology** Totals	$388,385.00	$0.00	$14,026.64	$374,358.36	4%	$239,624.2
Division **75 - Capital Outlay** Totals	$388,385.00	$0.00	$14,026.64	$374,358.36	4%	$239,624.2
Department **38 - Information Technology** Totals	$388,385.00	$0.00	$14,026.64	$374,358.36	4%	$239,624.2
Department **42 - Police**						
Division **75 - Capital Outlay**						
Program **6070 - Vehicles & Equipment**						
Motor Vehicles	82,392.00	27,410.00	27,410.00	54,982.00	33	262,105.6
Office and Other Equipment	21,200.00	14,000.00	20,190.00	1,010.00	95	.0
Program **6070 - Vehicles & Equipment** Totals	$103,592.00	$41,410.00	$47,600.00	$55,992.00	46%	$262,105.6
Division **75 - Capital Outlay** Totals	$103,592.00	$41,410.00	$47,600.00	$55,992.00	46%	$262,105.6
Department **42 - Police** Totals	$103,592.00	$41,410.00	$47,600.00	$55,992.00	46%	$262,105.6
Department **44 - Fire**						
Division **75 - Capital Outlay**						
Program **6070 - Vehicles & Equipment**						
Motor Vehicles	271,308.00	255,406.00	255,406.00	15,902.00	94	56,081.8
Office and Other Equipment	30,600.00	5,703.16	11,997.16	18,602.84	39	.0
Program **6070 - Vehicles & Equipment** Totals	$301,908.00	$261,109.16	$267,403.16	$34,504.84	89%	$56,081.8
Division **75 - Capital Outlay** Totals	$301,908.00	$261,109.16	$267,403.16	$34,504.84	89%	$56,081.8
Department **44 - Fire** Totals	$301,908.00	$261,109.16	$267,403.16	$34,504.84	89%	$56,081.8
Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **6070 - Vehicles & Equipment**						
Motor Vehicles	1,503,724.00	264,396.00	264,396.00	1,239,328.00	18	177,075.6
Office and Other Equipment	30,000.00	.00	.00	30,000.00	0	.0
Program **6070 - Vehicles & Equipment** Totals	$1,533,724.00	$264,396.00	$264,396.00	$1,269,328.00	17%	$177,075.6
Division **75 - Capital Outlay** Totals	$1,533,724.00	$264,396.00	$264,396.00	$1,269,328.00	17%	$177,075.6
Department **52 - Public Works** Totals	$1,533,724.00	$264,396.00	$264,396.00	$1,269,328.00	17%	$177,075.6
EXPENSE TOTALS	$2,327,609.00	$566,915.16	$593,425.80	$1,734,183.20	25%	$734,887.3
Fund **401 - Capital Equipment Fund** Totals						
REVENUE TOTALS	2,327,609.00	112,931.07	346,542.23	1,981,066.77	15%	1,892,885.9
EXPENSE TOTALS	2,327,609.00	566,915.16	593,425.80	1,734,183.20	25%	734,887.3
Fund **401 - Capital Equipment Fund** Net Gain (Loss)	$0.00	($453,984.09)	($246,883.57)	($246,883.57)	+++	$1,157,998.6

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Fund Category **Governmental**						
Fund Type **Capital Projects**						
Fund **402 - Capital Improvement Fund**						
REVENUE						
Simplified Telecommunications Tax	400,765.00	16,610.18	49,043.06	351,721.94	12	206,125.7
Electric Use Utility Tax	1,250,000.00	125,000.00	250,038.12	999,961.88	20	.0
Grants	182,267.00	.00	.00	182,267.00	0	25,546.7
Gen Govt Fees 50/50 Curbs & Gutters	.00	57,718.58	57,718.58	(57,718.58)	+++	51,894.4
Gen Govt Fees 50/50 Sidewalks	.00	.00	.00	.00	+++	13,022.5
Comm Dev Fees Sidewalks	.00	.00	.00	.00	+++	3,828.5
Interest Income Investments	7,500.00	.00	277.00	7,223.00	4	16,369.5
Investment Income Unrealized Gain/Loss	.00	.00	(21,315.24)	21,315.24	+++	(13,020.56
Interfund Transfers In	50,000.00	4,167.00	12,501.00	37,499.00	25	475,000.0
(Source)/Use of Reserves	693,291.00	.00	.00	693,291.00	0	.0
REVENUE TOTALS	$2,583,823.00	$203,495.76	$348,262.52	$2,235,560.48	13%	$778,766.9
EXPENSE						
Department **42 - Police**						
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Buildings & Structures	50,000.00	.00	.00	50,000.00	0	.0
Program **6010 - Buildings & Facilities** Totals	$50,000.00	$0.00	$0.00	$50,000.00	0%	$0.0
Division **75 - Capital Outlay** Totals	$50,000.00	$0.00	$0.00	$50,000.00	0%	$0.0
Department **42 - Police** Totals	$50,000.00	$0.00	$0.00	$50,000.00	0%	$0.0
Department **44 - Fire**						
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Buildings & Structures	.00	.00	.00	.00	+++	31,793.0
Program **6010 - Buildings & Facilities** Totals	$0.00	$0.00	$0.00	$0.00	+++	$31,793.0
Division **75 - Capital Outlay** Totals	$0.00	$0.00	$0.00	$0.00	+++	$31,793.0
Department **44 - Fire** Totals	$0.00	$0.00	$0.00	$0.00	+++	$31,793.0
Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Buildings & Structures	140,490.00	.00	.00	140,490.00	0	4,952.5
Program **6010 - Buildings & Facilities** Totals	$140,490.00	$0.00	$0.00	$140,490.00	0%	$4,952.5
Program **6040 - Rights of Way Improvements**						
Improvements Other Than Buildings	406,510.00	437.50	437.50	406,072.50	0	92,589.3
Program **6040 - Rights of Way Improvements** Totals	$406,510.00	$437.50	$437.50	$406,072.50	0%	$92,589.3
Program **6060 - Streets**						
Improvements Other Than Buildings	1,986,823.00	2,404.41	(17,926.85)	2,004,749.85	(1)	478,033.7
Program **6060 - Streets** Totals	$1,986,823.00	$2,404.41	($17,926.85)	$2,004,749.85	(1%)	$478,033.7
Division **75 - Capital Outlay** Totals	$2,533,823.00	$2,841.91	($17,489.35)	$2,551,312.35	(1%)	$575,575.6
Department **52 - Public Works** Totals	$2,533,823.00	$2,841.91	($17,489.35)	$2,551,312.35	(1%)	$575,575.6
EXPENSE TOTALS	$2,583,823.00	$2,841.91	($17,489.35)	$2,601,312.35	(1%)	$607,368.6
Fund **402 - Capital Improvement Fund** Totals						
REVENUE TOTALS	2,583,823.00	203,495.76	348,262.52	2,235,560.48	13%	778,766.9
EXPENSE TOTALS	2,583,823.00	2,841.91	(17,489.35)	2,601,312.35	(1%)	607,368.6
Fund **402 - Capital Improvement Fund** Net Gain (Loss)	$0.00	$200,653.85	$365,751.87	$365,751.87	+++	$171,398.2

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Proprietary**						
Fund Type **Enterprise Fund**						
Fund **605 - Waterworks Fund**						
REVENUE						
Reimbursements Park District - CC & CSF	30,000.00	.00	8,106.54	21,893.46	27	46,946.6
Water Service Resident - Regular	10,019,000.00	816,673.64	2,253,707.99	7,765,292.01	22	9,639,948.6
Water Service Resident - User Charge	595,000.00	54,711.68	157,231.96	437,768.04	26	603,888.9
Water Service Resident - Penalties	65,000.00	10,033.30	17,142.86	47,857.14	26	79,754.6
Water Service Non-Resident - Regular	1,362,760.00	88,980.80	294,219.16	1,068,540.84	22	1,264,993.5
Water Service Non-Resident - IOTP	92,000.00	169.31	11,910.77	80,089.23	13	87,820.9
Water Service Non-Resident - Deer Park	370,000.00	34,294.50	96,626.21	273,373.79	26	376,563.0
Water Service Non-Resident - User Charge	37,000.00	1,336.44	7,786.13	29,213.87	21	38,332.0
Water Service Non-Resident - Penalties	10,000.00	1,350.65	2,586.30	7,413.70	26	8,152.3
Water Service Construction - Hydrant Meter	.00	621.24	1,617.36	(1,617.36)	+++	24,076.6
Water Service Water Meter Sales	15,000.00	38,460.00	39,798.00	(24,798.00)	265	233,677.0
Water Service Turn On Fee	20,000.00	1,237.00	4,552.00	15,448.00	23	4,340.0
Water Service Water Use	10,000.00	2,400.00	5,980.20	4,019.80	60	14,193.8
Water Service Water Syst Dev Surcharge	15,000.00	.00	.00	15,000.00	0	.0
Water Service Water Extensions	20,000.00	.00	.00	20,000.00	0	5,250.0
Water Service Water Connection	10,000.00	.00	.00	10,000.00	0	98.0
Water Service AMR Non-Compliance	.00	129.00	254.00	(254.00)	+++	2,750.0
Gen Govt Fees Other Fees	.00	8,036.00	8,036.00	(8,036.00)	+++	.0
Interest Income Investments	15,000.00	.00	431.00	14,569.00	3	25,952.4
Investment Income Unrealized Gain/Loss	.00	.00	(77,509.97)	77,509.97	+++	(47,347.55
Other Misc Reimbursements/Refunds	.00	.00	121,471.50	(121,471.50)	+++	295,234.1
Other Miscellaneous Income	5,000.00	100.00	240.00	4,760.00	5	1,042.3
(Source)/Use of Reserves	3,532,985.00	.00	.00	3,532,985.00	0	.0
REVENUE TOTALS	$16,223,745.00	$1,058,533.56	$2,954,188.01	$13,269,556.99	18%	$12,705,667.6

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
EXPENSE						
Department **30 - Finance & Operations**						
Division **01 - Administration**						
Program **0000 - General**						
Salaries Full Time	137,020.00	10,624.80	29,218.20	107,801.80	21	134,206.6
Salaries Special Compensation	3,635.00	.00	.00	3,635.00	0	3,564.4
Taxes & Benefits Medicare	2,050.00	148.23	407.88	1,642.12	20	1,935.2
Taxes & Benefits Social Security	8,770.00	633.84	1,744.05	7,025.95	20	8,278.6
Taxes & Benefits IMRF Er Contribution	13,095.00	989.16	2,721.56	10,373.44	21	(7,252.72
Taxes & Benefits Medical/Dental Insurance	26,610.00	2,217.24	6,651.72	19,958.28	25	28,422.4
Taxes & Benefits Life Insurance	300.00	25.34	76.02	223.98	25	271.9
Taxes & Benefits Allowances	720.00	60.00	180.00	540.00	25	690.0
Other Memberships & Publications	250.00	.00	200.00	50.00	80	100.0
Other Training & Travel	2,750.00	.00	.00	2,750.00	0	.0
Program **0000 - General** Totals	$195,200.00	$14,698.61	$41,199.43	$154,000.57	21%	$170,216.6
Division **01 - Administration** Totals	$195,200.00	$14,698.61	$41,199.43	$154,000.57	21%	$170,216.6
Division **11 - Accounting Services**						
Program **0000 - General**						
Salaries Full Time	91,865.00	5,182.80	17,276.00	74,589.00	19	86,962.3
Salaries Special Compensation	.00	.00	.00	.00	+++	337.0
Salaries Other	.00	4,031.17	4,031.17	(4,031.17)	+++	.0
Taxes & Benefits Medicare	1,335.00	133.60	307.09	1,027.91	23	1,253.5
Taxes & Benefits Social Security	5,700.00	571.26	1,313.09	4,386.91	23	5,363.7
Taxes & Benefits IMRF Er Contribution	8,555.00	857.82	1,983.70	6,571.30	23	(3,955.63
Taxes & Benefits Medical/Dental Insurance	8,870.00	.00	1,478.16	7,391.84	17	9,474.4
Taxes & Benefits Life Insurance	200.00	.00	28.40	171.60	14	174.3
Services Financial	15,000.00	.00	4,550.00	10,450.00	30	13,000.0
Services Banking	144,000.00	10,157.27	30,804.22	113,195.78	21	123,392.8
Other Memberships & Publications	600.00	.00	.00	600.00	0	100.0
Other Training & Travel	920.00	.00	.00	920.00	0	.0
Program **0000 - General** Totals	$277,045.00	$20,933.92	$61,771.83	$215,273.17	22%	$236,102.6
Division **11 - Accounting Services** Totals	$277,045.00	$20,933.92	$61,771.83	$215,273.17	22%	$236,102.6
Division **12 - Billing & Collections**						
Program **3021 - Cashiering**						
Salaries Part Time	54,250.00	3,920.40	10,262.25	43,987.75	19	48,008.5
Salaries Other	.00	.00	.00	.00	+++	1,208.4
Taxes & Benefits Medicare	795.00	56.85	148.81	646.19	19	725.8
Taxes & Benefits Social Security	3,370.00	243.07	636.27	2,733.73	19	3,106.2
Taxes & Benefits IMRF Er Contribution	5,055.00	364.98	955.39	4,099.61	19	(2,638.16
Program **3021 - Cashiering** Totals	$63,470.00	$4,585.30	$12,002.72	$51,467.28	19%	$50,410.9
Program **3022 - Utility Billing**						
Salaries Full Time	137,455.00	8,918.00	20,886.25	116,568.75	15	128,680.6
Salaries Overtime	1,000.00	.00	70.31	929.69	7	.0
Salaries Special Compensation	550.00	.00	.00	550.00	0	1,030.0
Salaries Other	.00	.00	6.58	(6.58)	+++	.0
Taxes & Benefits Medicare	2,020.00	128.29	301.07	1,718.93	15	1,858.5
Taxes & Benefits Social Security	8,625.00	548.57	1,287.33	7,337.67	15	7,911.2
Taxes & Benefits IMRF Er Contribution	12,945.00	830.26	1,951.66	10,993.34	15	(6,594.00
Taxes & Benefits Medical/Dental Insurance	26,610.00	739.08	2,217.24	24,392.76	8	28,422.4
Taxes & Benefits Life Insurance	310.00	21.26	38.04	271.96	12	265.9
Office Supplies General	600.00	155.00	292.28	307.72	49	382.3
Office Supplies Paper	400.00	.00	26.25	373.75	7	158.3
Communications Postage	50,000.00	.00	30,000.00	20,000.00	60	50,000.0
Printing/Advertising Outside Printing Services	39,000.00	2,808.10	5,264.52	33,735.48	13	34,403.6
Repair and Maintenance Software	30,500.00	.00	.00	30,500.00	0	30,500.0
Other Small Tools & Equipment	500.00	.00	.00	500.00	0	.0
Other Training & Travel	500.00	.00	118.68	381.32	24	.0
Program **3022 - Utility Billing** Totals	$311,015.00	$14,148.56	$62,460.21	$248,554.79	20%	$277,019.2
Division **12 - Billing & Collections** Totals	$374,485.00	$18,733.86	$74,462.93	$300,022.07	20%	$327,430.12

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Division **17 - Village Wide Benefit Programs**						
Program **0000 - General**						
Insurance Liability Premiums	65,000.00	5,417.00	16,251.00	48,749.00	25	61,000.0
Program **0000 - General** Totals	$65,000.00	$5,417.00	$16,251.00	$48,749.00	25%	$61,000.0
Division **17 - Village Wide Benefit Programs** Totals	$65,000.00	$5,417.00	$16,251.00	$48,749.00	25%	$61,000.0
Division **70 - Debt Service**						
Program **3069 - GO Series 2015**						
Principal	600,000.00	.00	.00	600,000.00	0	580,000.0
Interest	117,080.00	.00	.00	117,080.00	0	138,495.0
Paying Agent Fees	600.00	.00	.00	600.00	0	600.0
Principal Reduction	.00	.00	.00	.00	+++	(580,000.00
Program **3069 - GO Series 2015** Totals	$717,680.00	$0.00	$0.00	$717,680.00	0%	$139,095.0
Division **70 - Debt Service** Totals	$717,680.00	$0.00	$0.00	$717,680.00	0%	$139,095.0
Division **80 - Interfund Transfers**						
Program **0000 - General**						
Services Administrative Service Charge	603,000.00	50,250.00	150,750.00	452,250.00	25	574,000.0
Interfund Transfers Out	310,000.00	25,833.00	77,499.00	232,501.00	25	342,600.0
Program **0000 - General** Totals	$913,000.00	$76,083.00	$228,249.00	$684,751.00	25%	$916,600.0
Division **80 - Interfund Transfers** Totals	$913,000.00	$76,083.00	$228,249.00	$684,751.00	25%	$916,600.0
Division **85 - Other Charges**						
Program **0000 - General**						
Depreciation	.00	.00	.00	.00	+++	884,865.0
Amortization	.00	.00	.00	.00	+++	(83,395.00
Loss On Investment in Joint Venture	.00	.00	.00	.00	+++	(202,580.00
Loss on Disposal of Fixed Assets	.00	.00	.00	.00	+++	55,820.0
Program **0000 - General** Totals	$0.00	$0.00	$0.00	$0.00	+++	$654,710.0
Division **85 - Other Charges** Totals	$0.00	$0.00	$0.00	$0.00	+++	$654,710.0
Department **30 - Finance & Operations** Totals	$2,542,410.00	$135,866.39	$421,934.19	$2,120,475.81	17%	$2,505,154.3

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VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Department **34 - Human Resources**						
Division **17 - Village Wide Benefit Programs**						
Program **0000 - General**						
Salaries Special Compensation	2,500.00	.00	.00	2,500.00	0	.0
Taxes & Benefits Medicare	40.00	.00	.00	40.00	0	.0
Taxes & Benefits Social Security	155.00	.00	.00	155.00	0	.0
Taxes & Benefits IMRF Er Contribution	235.00	.00	.00	235.00	0	.0
Program **0000 - General** Totals	$2,930.00	$0.00	$0.00	$2,930.00	0%	$0.0
Division **17 - Village Wide Benefit Programs** Totals	$2,930.00	$0.00	$0.00	$2,930.00	0%	$0.0
Department **34 - Human Resources** Totals	$2,930.00	$0.00	$0.00	$2,930.00	0%	$0.0
Department **38 - Information Technology**						
Division **75 - Capital Outlay**						
Program **6030 - Technology**						
Technology	300,000.00	.00	.00	300,000.00	0	.0
Program **6030 - Technology** Totals	$300,000.00	$0.00	$0.00	$300,000.00	0%	$0.0
Division **75 - Capital Outlay** Totals	$300,000.00	$0.00	$0.00	$300,000.00	0%	$0.0
Department **38 - Information Technology** Totals	$300,000.00	$0.00	$0.00	$300,000.00	0%	$0.0

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VILLAGE OF PALATINE

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Department **52 - Public Works**						
Division **01 - Administration**						
Program **0000 - General**						
Office Supplies General	6,485.00	2,072.91	2,697.34	3,787.66	42	4,212.0
Repair and Maintenance Machinery & Equipment	500.00	.00	.00	500.00	0	500.0
Other Memberships & Publications	16,485.00	2,788.04	5,493.08	10,991.92	33	18,730.5
Other Training & Travel	5,050.00	.00	860.00	4,190.00	17	2,935.4
Program **0000 - General** Totals	$28,520.00	$4,860.95	$9,050.42	$19,469.58	32%	$26,378.0
Division **01 - Administration** Totals	$28,520.00	$4,860.95	$9,050.42	$19,469.58	32%	$26,378.0
Division **38 - Building, Grounds, Electrical**						
Program **5201 - Buildings & Grounds Maintenance**						
Salaries Full Time	92,290.00	6,942.40	19,091.60	73,198.40	21	92,173.3
Salaries Overtime	1,000.00	.00	.00	1,000.00	0	40.2
Salaries Special Compensation	750.00	.00	.00	750.00	0	1,791.3
Taxes & Benefits Medicare	1,365.00	101.16	278.22	1,086.78	20	1,371.6
Taxes & Benefits Social Security	5,835.00	432.57	1,189.66	4,645.34	20	5,858.1
Taxes & Benefits IMRF Er Contribution	8,760.00	646.34	1,777.43	6,982.57	20	(4,616.13
Taxes & Benefits Medical/Dental Insurance	25,010.00	2,217.24	6,651.72	18,358.28	27	23,799.9
Taxes & Benefits Life Insurance	205.00	16.70	50.10	154.90	24	183.9
Operating Supplies Custodial	15,511.00	.00	3,465.25	12,045.75	22	8,484.0
Operating Supplies Clothing	1,200.00	.00	.00	1,200.00	0	646.7
R&M Supplies Equipment Parts	8,200.00	.00	607.50	7,592.50	7	5,386.6
Services Custodial	20,400.00	1,424.51	4,089.77	16,310.23	20	11,010.0
Utility Services Electric	5,000.00	724.69	1,471.40	3,528.60	29	3,533.6
Utility Services Natural Gas	35,825.00	.00	.00	35,825.00	0	5,127.2
Repair and Maintenance Machinery & Equipment	10,850.00	121.44	525.88	10,324.12	5	13,301.0
Repair and Maintenance Vehicle Maint Service Charge	5,680.00	473.00	1,419.00	4,261.00	25	6,145.0
Program **5201 - Buildings & Grounds Maintenance** Totals	$237,881.00	$13,100.05	$40,617.53	$197,263.47	17%	$174,236.9
Program **5202 - Mechanical Maintenance**						
Salaries Overtime	500.00	.00	.00	500.00	0	105.4
Taxes & Benefits Medicare	10.00	.00	.00	10.00	0	1.5
Taxes & Benefits Social Security	35.00	.00	.00	35.00	0	6.5
Taxes & Benefits IMRF Er Contribution	50.00	.00	.00	50.00	0	12.6
R&M Supplies Equipment Parts	6,380.00	284.83	792.10	5,587.90	12	6,076.3
Repair and Maintenance Machinery & Equipment	25,425.00	.00	.00	25,425.00	0	1,427.6
Other Small Tools & Equipment	300.00	.00	.00	300.00	0	.0
Program **5202 - Mechanical Maintenance** Totals	$32,700.00	$284.83	$792.10	$31,907.90	2%	$7,630.1
Division **38 - Building, Grounds, Electrical** Totals	$270,581.00	$13,384.88	$41,409.63	$229,171.37	15%	$181,867.0
Division **39 - Forestry**						
Program **5212 - Landscape Maintenance**						
Services Custodial	15,000.00	.00	.00	15,000.00	0	15,000.0
Program **5212 - Landscape Maintenance** Totals	$15,000.00	$0.00	$0.00	$15,000.00	0%	$15,000.0
Division **39 - Forestry** Totals	$15,000.00	$0.00	$0.00	$15,000.00	0%	$15,000.0
Division **40 - Utilities**						
Program **5223 - Water System Maintenance**						
Salaries Full Time	685,895.00	50,784.00	139,656.00	546,239.00	20	652,566.0
Salaries Overtime	100,000.00	3,960.89	34,264.73	65,735.27	34	86,066.1
Salaries Special Compensation	22,500.00	780.61	3,715.15	18,784.85	17	31,312.1
Taxes & Benefits Medicare	11,755.00	805.65	2,556.58	9,198.42	22	11,318.8
Taxes & Benefits Social Security	50,160.00	3,444.67	10,931.61	39,228.39	22	48,303.8
Taxes & Benefits IMRF Er Contribution	75,285.00	5,166.35	16,397.43	58,887.57	22	(35,620.47
Taxes & Benefits Medical/Dental Insurance	142,265.00	12,564.36	37,693.08	104,571.92	26	136,407.4
Taxes & Benefits Life Insurance	1,520.00	121.42	353.48	1,166.52	23	1,316.6
Taxes & Benefits Allowances	360.00	30.00	90.00	270.00	25	345.0
Operating Supplies Chemicals	5,000.00	.00	2,278.00	2,722.00	46	4,556.0
Operating Supplies Clothing	4,200.00	652.12	652.12	3,547.88	16	4,123.0
R&M Supplies Utility System	168,200.00	9,212.16	41,714.31	126,485.69	25	138,991.7
Services Other	140,043.00	1,278.36	18,673.86	121,369.14	13	56,980.1
Utility Services Electric	260,000.00	24,026.51	48,211.02	211,788.98	19	252,409.12

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VILLAGE OF PALATINE

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Utility Services Natural Gas	10,000.00	1,046.29	2,102.22	7,897.78	21	9,012.8
Utility Services Refuse Disposal	30,000.00	.00	1,390.00	28,610.00	5	8,430.0
Repair and Maintenance Utility System	37,550.00	.00	3,200.00	34,350.00	9	40,005.6
Repair and Maintenance Software	4,000.00	.00	1,553.76	2,446.24	39	5,992.5
Repair and Maintenance Vehicle Maint Service Charge	103,100.00	8,592.00	25,776.00	77,324.00	25	111,395.0
Other Small Tools & Equipment	13,005.00	6,071.75	9,150.37	3,854.63	70	6,752.3
Program **5223 - Water System Maintenance** Totals	$1,864,838.00	$128,537.14	$400,359.72	$1,464,478.28	21%	$1,570,664.1
Program **5224 - Water Purchase**						
Utility Services Water/Sewer	3,017,460.00	600,560.50	600,560.50	2,416,899.50	20	3,004,411.5
Program **5224 - Water Purchase** Totals	$3,017,460.00	$600,560.50	$600,560.50	$2,416,899.50	20%	$3,004,411.5
Division **40 - Utilities** Totals	$4,882,298.00	$729,097.64	$1,000,920.22	$3,881,377.78	21%	$4,575,075.6
Division **43 - Engineering**						
Program **0000 - General**						
Salaries Full Time	103,005.00	7,962.00	21,895.50	81,109.50	21	101,541.8
Salaries Special Compensation	1,000.00	.00	.00	1,000.00	0	1,774.8
Taxes & Benefits Medicare	1,515.00	110.69	304.39	1,210.61	20	1,440.5
Taxes & Benefits Social Security	6,475.00	473.32	1,301.54	5,173.46	20	6,163.2
Taxes & Benefits IMRF Er Contribution	9,685.00	741.26	2,039.10	7,645.90	21	(5,275.39
Taxes & Benefits Medical/Dental Insurance	17,740.00	1,478.16	4,434.48	13,305.52	25	18,946.0
Taxes & Benefits Life Insurance	230.00	19.10	57.30	172.70	25	206.6
Taxes & Benefits Allowances	360.00	30.00	90.00	270.00	25	345.0
Services Engineering	42,500.00	532.00	901.25	41,598.75	2	42,500.0
Repair and Maintenance Vehicle Maint Service Charge	5,680.00	473.00	1,419.00	4,261.00	25	6,145.0
Program **0000 - General** Totals	$188,190.00	$11,819.53	$32,442.56	$155,747.44	17%	$173,787.8
Division **43 - Engineering** Totals	$188,190.00	$11,819.53	$32,442.56	$155,747.44	17%	$173,787.8
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Buildings & Structures	220,169.00	3,224.00	3,224.00	216,945.00	1	63,031.4
Heavy Machinery	37,407.00	6,637.50	6,637.50	30,769.50	18	24,843.0
Program **6010 - Buildings & Facilities** Totals	$257,576.00	$9,861.50	$9,861.50	$247,714.50	4%	$87,874.4
Program **6030 - Technology**						
Improvements Other Than Buildings	94,040.00	.00	.00	94,040.00	0	23,870.0
Technology	39,054.00	10,697.98	10,697.98	28,356.02	27	60,946.1
Program **6030 - Technology** Totals	$133,094.00	$10,697.98	$10,697.98	$122,396.02	8%	$84,816.1
Program **6080 - Water System**						
Improvements Other Than Buildings	7,603,146.00	688,769.48	557,085.32	7,046,060.68	7	5,107,338.4
Capitalized Fixed Assets	.00	.00	.00	.00	+++	(4,283,335.00
Program **6080 - Water System** Totals	$7,603,146.00	$688,769.48	$557,085.32	$7,046,060.68	7%	$824,003.4
Division **75 - Capital Outlay** Totals	$7,993,816.00	$709,328.96	$577,644.80	$7,416,171.20	7%	$996,694.0
Department **52 - Public Works** Totals	$13,378,405.00	$1,468,491.96	$1,661,467.63	$11,716,937.37	12%	$5,968,802.5
EXPENSE TOTALS	$16,223,745.00	$1,604,358.35	$2,083,401.82	$14,140,343.18	13%	$8,473,956.9
Fund **605 - Waterworks Fund** Totals						
REVENUE TOTALS	16,223,745.00	1,058,533.56	2,954,188.01	13,269,556.99	18%	12,705,667.6
EXPENSE TOTALS	16,223,745.00	1,604,358.35	2,083,401.82	14,140,343.18	13%	8,473,956.9
Fund **605 - Waterworks Fund** Net Gain (Loss)	$0.00	($545,824.79)	$870,786.19	$870,786.19	+++	$4,231,710.7

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Proprietary**						
Fund Type **Enterprise Fund**						
Fund **610 - Sewerage Fund**						
REVENUE						
Grants	448,515.00	.00	88,709.96	359,805.04	20	21,484.1
Sewer Service Resident - Regular	2,698,860.00	236,676.42	673,271.72	2,025,588.28	25	2,921,976.8
Sewer Service Resident - Penalties	25,000.00	4,172.63	6,921.27	18,078.73	28	31,882.0
Sewer Service Non-Resident - Regular	502,930.00	34,837.26	117,488.04	385,441.96	23	516,631.5
Sewer Service Non-Resident - Penalties	2,000.00	363.85	833.02	1,166.98	42	2,987.5
Sewer Service Sewer Connection	6,000.00	264.00	4,108.91	1,891.09	68	4,651.2
Sewer Service Sewer Sep Surcharge	.00	.00	.00	.00	+++	30.0
Sewer Service Fair Meadows Maintenance	1,800.00	.00	390.99	1,409.01	22	2,278.9
Sewer Service Flood Control	1,125,000.00	99,480.27	289,488.39	835,511.61	26	1,140,664.3
Sewer Service 50/50 Sewer Extension	.00	.00	.00	.00	+++	16,800.0
Sewer Service Detention	.00	.00	.00	.00	+++	34,432.2
Interest Income Investments	5,000.00	359.85	858.18	4,141.82	17	11,072.3
Interest Income Loans	.00	25.60	51.65	(51.65)	+++	170.5
Investment Income Unrealized Gain/Loss	.00	.00	(41,534.82)	41,534.82	+++	(25,165.56
Other Misc Reimbursements/Refunds	.00	.00	.00	.00	+++	(1,412.71
Other Miscellaneous Income	250.00	.00	.00	250.00	0	.0
(Source)/Use of Reserves	2,951,305.00	.00	.00	2,951,305.00	0	.0
REVENUE TOTALS	$7,766,660.00	$376,179.88	$1,140,587.31	$6,626,072.69	15%	$4,678,483.5

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
EXPENSE						
Department **30 - Finance & Operations**						
Division **17 - Village Wide Benefit Programs**						
Program **0000 - General**						
Insurance Liability Premiums	65,000.00	5,417.00	16,251.00	48,749.00	25	61,000.0
Program **0000 - General** Totals	$65,000.00	$5,417.00	$16,251.00	$48,749.00	25%	$61,000.0
Division **17 - Village Wide Benefit Programs** Totals	$65,000.00	$5,417.00	$16,251.00	$48,749.00	25%	$61,000.0
Division **70 - Debt Service**						
Program **3058 - GO Ref Series 2010A**						
Principal	705,000.00	.00	.00	705,000.00	0	675,000.0
Interest	28,200.00	.00	.00	28,200.00	0	52,950.0
Paying Agent Fees	500.00	.00	.00	500.00	0	500.0
Principal Reduction	.00	.00	.00	.00	+++	(675,000.00
Program **3058 - GO Ref Series 2010A** Totals	$733,700.00	$0.00	$0.00	$733,700.00	0%	$53,450.0
Program **3067 - GO Ref Series 2014A**						
Principal	270,000.00	.00	.00	270,000.00	0	265,000.0
Interest	54,115.00	.00	.00	54,115.00	0	58,967.5
Paying Agent Fees	500.00	.00	.00	500.00	0	750.0
Principal Reduction	.00	.00	.00	.00	+++	(265,000.00
Program **3067 - GO Ref Series 2014A** Totals	$324,615.00	$0.00	$0.00	$324,615.00	0%	$59,717.5
Program **3069 - GO Series 2015**						
Principal	150,000.00	.00	.00	150,000.00	0	145,000.0
Interest	29,270.00	.00	.00	29,270.00	0	34,620.0
Paying Agent Fees	500.00	.00	.00	500.00	0	400.0
Principal Reduction	.00	.00	.00	.00	+++	(145,000.00
Program **3069 - GO Series 2015** Totals	$179,770.00	$0.00	$0.00	$179,770.00	0%	$35,020.0
Division **70 - Debt Service** Totals	$1,238,085.00	$0.00	$0.00	$1,238,085.00	0%	$148,187.5
Division **80 - Interfund Transfers**						
Program **0000 - General**						
Services Administrative Service Charge	540,000.00	45,000.00	135,000.00	405,000.00	25	540,000.0
Interfund Transfers Out	310,000.00	25,833.00	77,499.00	232,501.00	25	305,000.0
Program **0000 - General** Totals	$850,000.00	$70,833.00	$212,499.00	$637,501.00	25%	$845,000.0
Division **80 - Interfund Transfers** Totals	$850,000.00	$70,833.00	$212,499.00	$637,501.00	25%	$845,000.0
Division **85 - Other Charges**						
Program **0000 - General**						
Depreciation	.00	.00	.00	.00	+++	1,233,310.0
Amortization	.00	.00	.00	.00	+++	(19,475.00
Program **0000 - General** Totals	$0.00	$0.00	$0.00	$0.00	+++	$1,213,835.0
Division **85 - Other Charges** Totals	$0.00	$0.00	$0.00	$0.00	+++	$1,213,835.0
Department **30 - Finance & Operations** Totals	$2,153,085.00	$76,250.00	$228,750.00	$1,924,335.00	11%	$2,268,022.5

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Department **34 - Human Resources**						
Division **17 - Village Wide Benefit Programs**						
Program **0000 - General**						
Salaries Special Compensation	500.00	.00	.00	500.00	0	.0
Taxes & Benefits Medicare	10.00	.00	.00	10.00	0	.0
Taxes & Benefits Social Security	35.00	.00	.00	35.00	0	.0
Taxes & Benefits IMRF Er Contribution	50.00	.00	.00	50.00	0	.0
Program **0000 - General** Totals	$595.00	$0.00	$0.00	$595.00	0%	$0.0
Division **17 - Village Wide Benefit Programs** Totals	$595.00	$0.00	$0.00	$595.00	0%	$0.0
Department **34 - Human Resources** Totals	$595.00	$0.00	$0.00	$595.00	0%	$0.0

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Department **52 - Public Works**						
Division **40 - Utilities**						
Program **5221 - Sanitary System Maintenance**						
Salaries Full Time	331,035.00	24,672.00	67,848.00	263,187.00	20	317,124.7
Salaries Overtime	15,000.00	1,503.61	3,497.45	11,502.55	23	7,743.4
Salaries Special Compensation	1,750.00	.00	121.02	1,628.98	7	3,895.4
Taxes & Benefits Medicare	5,055.00	380.29	1,007.01	4,047.99	20	4,745.5
Taxes & Benefits Social Security	21,575.00	1,626.09	4,305.77	17,269.23	20	20,317.2
Taxes & Benefits IMRF Er Contribution	32,390.00	2,436.94	6,452.41	25,937.59	20	(17,683.69
Taxes & Benefits Medical/Dental Insurance	100,040.00	8,868.96	26,606.88	73,433.12	27	95,199.7
Taxes & Benefits Life Insurance	735.00	58.98	172.82	562.18	24	638.7
Operating Supplies Chemicals	3,500.00	.00	997.59	2,502.41	29	3,430.5
Operating Supplies Clothing	2,400.00	87.39	131.44	2,268.56	5	1,699.2
R&M Supplies Utility System	13,500.00	17.15	1,974.90	11,525.10	15	8,579.3
Services Other	3,500.00	.00	.00	3,500.00	0	69.3
Utility Services Refuse Disposal	49,590.00	.00	155.00	49,435.00	0	102,976.0
Repair and Maintenance Vehicle Maint Service Charge	37,570.00	3,131.00	9,393.00	28,177.00	25	40,510.0
Other Small Tools & Equipment	3,200.00	.00	183.21	3,016.79	6	583.5
Program **5221 - Sanitary System Maintenance** Totals	$620,840.00	$42,782.41	$122,846.50	$497,993.50	20%	$589,829.4
Program **5222 - Storm System Maintenance**						
Salaries Full Time	85,800.00	4,032.00	6,048.00	79,752.00	7	78,454.1
Salaries Overtime	4,000.00	.00	270.01	3,729.99	7	1,666.4
Salaries Special Compensation	750.00	.00	.00	750.00	0	2,363.6
Taxes & Benefits Medicare	1,315.00	58.49	91.65	1,223.35	7	1,220.1
Taxes & Benefits Social Security	5,620.00	250.09	391.87	5,228.13	7	5,221.2
Taxes & Benefits IMRF Er Contribution	8,435.00	375.38	588.20	7,846.80	7	(4,795.95
Taxes & Benefits Medical/Dental Insurance	25,010.00	739.08	739.08	24,270.92	3	23,799.9
Taxes & Benefits Life Insurance	190.00	9.48	18.96	171.04	10	170.5
Operating Supplies Clothing	1,340.00	610.66	610.66	729.34	46	710.3
R&M Supplies Utility System	15,391.00	171.15	864.75	14,526.25	6	11,495.8
Services Engineering	30,257.00	.00	.00	30,257.00	0	14,499.6
Services Other	11,500.00	.00	.00	11,500.00	0	5,150.0
Utility Services Refuse Disposal	1,750.00	.00	.00	1,750.00	0	.0
Repair and Maintenance Utility System	9,000.00	.00	.00	9,000.00	0	8,489.7
Repair and Maintenance Vehicle Maint Service Charge	37,570.00	3,131.00	9,393.00	28,177.00	25	40,510.0
Other Small Tools & Equipment	1,250.00	.00	.00	1,250.00	0	1,071.6
Program **5222 - Storm System Maintenance** Totals	$239,178.00	$9,377.33	$19,016.18	$220,161.82	8%	$190,027.3
Division **40 - Utilities** Totals	$860,018.00	$52,159.74	$141,862.68	$718,155.32	16%	$779,856.7
Division **43 - Engineering**						
Program **0000 - General**						
Salaries Full Time	140,345.00	10,806.00	29,716.50	110,628.50	21	137,511.1
Salaries Special Compensation	3,700.00	.00	.00	3,700.00	0	3,901.9
Taxes & Benefits Medicare	2,090.00	151.93	417.81	1,672.19	20	1,979.1
Taxes & Benefits Social Security	8,935.00	649.65	1,786.46	7,148.54	20	8,466.2
Taxes & Benefits IMRF Er Contribution	13,415.00	1,006.04	2,766.61	10,648.39	21	(7,493.00
Taxes & Benefits Medical/Dental Insurance	26,610.00	2,217.24	6,651.72	19,958.28	25	28,603.4
Taxes & Benefits Life Insurance	310.00	25.70	77.10	232.90	25	278.5
Services Engineering	26,490.00	532.00	901.25	25,588.75	3	12,225.0
Communications Cell Phones	468.00	.00	.00	468.00	0	468.0
Repair and Maintenance Vehicle Maint Service Charge	5,680.00	473.00	1,419.00	4,261.00	25	6,145.0
Program **0000 - General** Totals	$228,043.00	$15,861.56	$43,736.45	$184,306.55	19%	$192,085.3
Division **43 - Engineering** Totals	$228,043.00	$15,861.56	$43,736.45	$184,306.55	19%	$192,085.3

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Buildings & Structures	1,154.00	.00	.00	1,154.00	0	28,298.9
Program **6010 - Buildings & Facilities** Totals	$1,154.00	$0.00	$0.00	$1,154.00	0%	$28,298.9
Program **6020 - Flood Control**						
Improvements Other Than Buildings	1,713,129.00	54,991.60	35,951.51	1,677,177.49	2	396,452.4
Program **6020 - Flood Control** Totals	$1,713,129.00	$54,991.60	$35,951.51	$1,677,177.49	2%	$396,452.4
Program **6050 - Sanitary Sewer System**						
Improvements Other Than Buildings	2,810,636.00	.00	.00	2,810,636.00	0	150,000.0
Program **6050 - Sanitary Sewer System** Totals	$2,810,636.00	$0.00	$0.00	$2,810,636.00	0%	$150,000.0
Division **75 - Capital Outlay** Totals	$4,524,919.00	$54,991.60	$35,951.51	$4,488,967.49	1%	$574,751.4
Department **52 - Public Works** Totals	$5,612,980.00	$123,012.90	$221,550.64	$5,391,429.36	4%	$1,546,693.5
EXPENSE TOTALS	$7,766,660.00	$199,262.90	$450,300.64	$7,316,359.36	6%	$3,814,716.0
Fund **610 - Sewerage Fund** Totals						
REVENUE TOTALS	7,766,660.00	376,179.88	1,140,587.31	6,626,072.69	15%	4,678,483.5
EXPENSE TOTALS	7,766,660.00	199,262.90	450,300.64	7,316,359.36	6%	3,814,716.0
Fund **610 - Sewerage Fund** Net Gain (Loss)	$0.00	$176,916.98	$690,286.67	$690,286.67	+++	$863,767.4

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

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Fund Category **Proprietary**						
Fund Type **Enterprise Fund**						
Fund **615 - Refuse Fund**						
REVENUE						
Business Licenses & Permits Commercial Refuse License	13,500.00	67.00	12,919.00	581.00	96	12,544.0
Refuse Service Refuse Collection	3,946,660.00	340,708.24	960,451.07	2,986,208.93	24	3,655,194.1
Refuse Service Senior Citizen Discount	.00	.00	.00	.00	+++	18.4
Refuse Service Penalties	37,500.00	6,769.82	9,253.08	28,246.92	25	36,536.4
Refuse Service Multi-Family Disposal Fee	749,230.00	63,824.25	191,472.75	557,757.25	26	733,796.5
Refuse Service Recycling Incentive Proceeds	.00	.00	54,384.89	(54,384.89)	+++	.0
Interest Income Investments	500.00	.00	70.00	430.00	14	309.0
(Source)/Use of Reserves	(8,175.00)	.00	.00	(8,175.00)	0	.0
REVENUE TOTALS	$4,739,215.00	$411,369.31	$1,228,550.79	$3,510,664.21	26%	$4,438,398.6
EXPENSE						
Department **30 - Finance & Operations**						
Division **80 - Interfund Transfers**						
Program **0000 - General**						
Services Administrative Service Charge	150,000.00	12,500.00	37,500.00	112,500.00	25	158,000.0
Interfund Transfers Out	50,000.00	4,167.00	12,501.00	37,499.00	25	475,000.0
Program **0000 - General** Totals	$200,000.00	$16,667.00	$50,001.00	$149,999.00	25%	$633,000.0
Division **80 - Interfund Transfers** Totals	$200,000.00	$16,667.00	$50,001.00	$149,999.00	25%	$633,000.0
Department **30 - Finance & Operations** Totals	$200,000.00	$16,667.00	$50,001.00	$149,999.00	25%	$633,000.0
Department **52 - Public Works**						
Division **40 - Utilities**						
Program **5225 - Refuse & Recycling**						
Utility Services Refuse Collection	3,163,890.00	257,628.28	257,628.28	2,906,261.72	8	3,019,082.4
Utility Services Refuse Disposal	1,375,325.00	.00	484,406.52	890,918.48	35	1,272,351.2
Program **5225 - Refuse & Recycling** Totals	$4,539,215.00	$257,628.28	$742,034.80	$3,797,180.20	16%	$4,291,433.7
Division **40 - Utilities** Totals	$4,539,215.00	$257,628.28	$742,034.80	$3,797,180.20	16%	$4,291,433.7
Department **52 - Public Works** Totals	$4,539,215.00	$257,628.28	$742,034.80	$3,797,180.20	16%	$4,291,433.7
EXPENSE TOTALS	$4,739,215.00	$274,295.28	$792,035.80	$3,947,179.20	17%	$4,924,433.7
Fund **615 - Refuse Fund** Totals						
REVENUE TOTALS	4,739,215.00	411,369.31	1,228,550.79	3,510,664.21	26%	4,438,398.6
EXPENSE TOTALS	4,739,215.00	274,295.28	792,035.80	3,947,179.20	17%	4,924,433.7
Fund **615 - Refuse Fund** Net Gain (Loss)	$0.00	$137,074.03	$436,514.99	$436,514.99	+++	($486,035.10

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VILLAGE OF PALATINE

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Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Proprietary**						
Fund Type **Enterprise Fund**						
Fund **620 - Parking System Fund**						
REVENUE						
Parking Fees Daily Fee - Commuter	125,000.00	10,063.08	22,458.00	102,542.00	18	60,995.8
Parking Fees Permit Fee - Business	2,500.00	.00	960.00	1,540.00	38	5,503.2
Parking Fees Permit Fee - Commuter	125,000.00	5,657.69	48,414.27	76,585.73	39	93,389.3
Interest Income Investments	1,000.00	.00	108.00	892.00	11	7,856.5
Investment Income Unrealized Gain/Loss	.00	.00	(5,813.26)	5,813.26	+++	(3,551.05
Rental Income Buildings	13,380.00	1,400.00	4,130.00	9,250.00	31	16,449.4
(Source)/Use of Reserves	380,581.00	.00	.00	380,581.00	0	.0
REVENUE TOTALS	$647,461.00	$17,120.77	$70,257.01	$577,203.99	11%	$180,643.3
EXPENSE						
Department **30 - Finance & Operations**						
Division **12 - Billing & Collections**						
Program **3023 - Commuter Parking**						
Services Banking	25,200.00	392.89	1,068.80	24,131.20	4	3,411.1
Printing/Advertising Outside Printing Services	500.00	.00	.00	500.00	0	710.0
Rental Buildings	35,700.00	.00	.00	35,700.00	0	31,526.0
Program **3023 - Commuter Parking** Totals	$61,400.00	$392.89	$1,068.80	$60,331.20	2%	$35,647.1
Division **12 - Billing & Collections** Totals	$61,400.00	$392.89	$1,068.80	$60,331.20	2%	$35,647.1
Division **80 - Interfund Transfers**						
Program **0000 - General**						
Services Administrative Service Charge	163,000.00	13,583.00	40,749.00	122,251.00	25	163,000.0
Program **0000 - General** Totals	$163,000.00	$13,583.00	$40,749.00	$122,251.00	25%	$163,000.0
Division **80 - Interfund Transfers** Totals	$163,000.00	$13,583.00	$40,749.00	$122,251.00	25%	$163,000.0
Division **85 - Other Charges**						
Program **0000 - General**						
Depreciation	.00	.00	.00	.00	+++	784,080.0
Program **0000 - General** Totals	$0.00	$0.00	$0.00	$0.00	+++	$784,080.0
Division **85 - Other Charges** Totals	$0.00	$0.00	$0.00	$0.00	+++	$784,080.0
Department **30 - Finance & Operations** Totals	$224,400.00	$13,975.89	$41,817.80	$182,582.20	19%	$982,727.1
Department **52 - Public Works**						
Division **38 - Building, Grounds, Electrical**						
Program **5201 - Buildings & Grounds Maintenance**						
Salaries Overtime	4,000.00	.00	33.18	3,966.82	1	39.0
Taxes & Benefits Medicare	60.00	.00	.48	59.52	1	.5
Taxes & Benefits Social Security	250.00	.00	2.06	247.94	1	2.4
Taxes & Benefits IMRF Er Contribution	375.00	.00	3.09	371.91	1	4.6
Services Custodial	98,000.00	7,649.93	22,949.79	75,050.21	23	95,808.8
Services Other	90,395.00	5,451.00	25,856.66	64,538.34	29	64,734.6
Utility Services Electric	52,000.00	5,189.16	10,331.62	41,668.38	20	42,462.3
Utility Services Natural Gas	6,000.00	700.00	1,518.36	4,481.64	25	4,672.3
Repair and Maintenance Buildings	84,350.00	.00	12,508.81	71,841.19	15	34,162.7
Repair and Maintenance Landscape	16,000.00	.00	.00	16,000.00	0	15,344.0
Program **5201 - Buildings & Grounds Maintenance** Totals	$351,430.00	$18,990.09	$73,204.05	$278,225.95	21%	$257,231.7
Division **38 - Building, Grounds, Electrical** Totals	$351,430.00	$18,990.09	$73,204.05	$278,225.95	21%	$257,231.7
Division **75 - Capital Outlay**						
Program **6010 - Buildings & Facilities**						
Buildings & Structures	71,631.00	.00	.00	71,631.00	0	20,000.0
Program **6010 - Buildings & Facilities** Totals	$71,631.00	$0.00	$0.00	$71,631.00	0%	$20,000.0
Division **75 - Capital Outlay** Totals	$71,631.00	$0.00	$0.00	$71,631.00	0%	$20,000.0
Department **52 - Public Works** Totals	$423,061.00	$18,990.09	$73,204.05	$349,856.95	17%	$277,231.7
EXPENSE TOTALS	$647,461.00	$32,965.98	$115,021.85	$532,439.15	18%	$1,259,958.8
Fund **620 - Parking System Fund** Totals						
REVENUE TOTALS	647,461.00	17,120.77	70,257.01	577,203.99	11%	180,643.3
EXPENSE TOTALS	647,461.00	32,965.98	115,021.85	532,439.15	18%	1,259,958.8
Fund **620 - Parking System Fund** Net Gain (Loss)	$0.00	($15,845.21)	($44,764.84)	($44,764.84)	+++	($1,079,315.51)

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Proprietary**						
Fund Type **Internal Service Fund**						
Fund **702 - Liability Insurance Fund**						
REVENUE						
Intragovernmental Service Charge Charge to Operations	1,681,400.00	140,117.00	420,351.00	1,261,049.00	25	1,528,500.0
Interest Income Investments	15,000.00	.00	66.00	14,934.00	0	29,040.1
Investment Income Unrealized Gain/Loss	.00	.00	(48,443.71)	48,443.71	+++	(29,592.21
Insurance & Property Damage Excess Loss Recovery	.00	.00	.00	.00	+++	21,966.6
Other Misc Reimbursements/Refunds	.00	225.00	9,452.70	(9,452.70)	+++	50,661.4
(Source)/Use of Reserves	433,600.00	.00	.00	433,600.00	0	.0
REVENUE TOTALS	$2,130,000.00	$140,342.00	$381,425.99	$1,748,574.01	18%	$1,600,576.0
EXPENSE						
Department **34 - Human Resources**						
Division **19 - Liability Insurance Program**						
Program **0000 - General**						
Services Management Consulting	20,000.00	4,747.00	9,494.00	10,506.00	47	18,200.0
Services Banking	3,500.00	205.18	650.67	2,849.33	19	2,623.2
Services Management Fees	25,000.00	23,000.00	23,000.00	2,000.00	92	50,000.0
Services Claims Administration	40,000.00	18,510.00	18,783.19	21,216.81	47	36,323.9
Services Other	320,000.00	80,000.00	80,000.00	240,000.00	25	320,000.0
Insurance Liability Premiums	800,000.00	988.00	672,238.95	127,761.05	84	615,721.4
Insurance General Liability Claims	125,000.00	6,105.62	8,973.03	116,026.97	7	144,647.6
Insurance Property Claims	65,000.00	1,443.02	11,414.52	53,585.48	18	13,067.0
Insurance Automotive Claims	65,000.00	7,280.34	12,329.19	52,670.81	19	22,865.1
Insurance Work Comp Claims	625,000.00	7,402.07	37,007.18	587,992.82	6	141,525.5
Insurance Unemployment Claims	24,291.00	.00	.00	24,291.00	0	4,712.0
Other Memberships & Publications	17,209.00	.00	17,208.07	.93	100	16,173.0
Program **0000 - General** Totals	$2,130,000.00	$149,681.23	$891,098.80	$1,238,901.20	42%	$1,385,859.0
Division **19 - Liability Insurance Program** Totals	$2,130,000.00	$149,681.23	$891,098.80	$1,238,901.20	42%	$1,385,859.0
Department **34 - Human Resources** Totals	$2,130,000.00	$149,681.23	$891,098.80	$1,238,901.20	42%	$1,385,859.0
EXPENSE TOTALS	$2,130,000.00	$149,681.23	$891,098.80	$1,238,901.20	42%	$1,385,859.0
Fund **702 - Liability Insurance Fund** Totals						
REVENUE TOTALS	2,130,000.00	140,342.00	381,425.99	1,748,574.01	18%	1,600,576.0
EXPENSE TOTALS	2,130,000.00	149,681.23	891,098.80	1,238,901.20	42%	1,385,859.0
Fund **702 - Liability Insurance Fund** Net Gain (Loss)	$0.00	($9,339.23)	($509,672.81)	($509,672.81)	+++	$214,717.0

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Proprietary**						
Fund Type **Internal Service Fund**						
Fund **710 - Fleet Services Fund**						
REVENUE						
Shared Revenues County Gas Tax Rebate	13,500.00	.00	.00	13,500.00	0	11,118.8
Reimbursements Park District - CC & CSF	.00	.00	996.88	(996.88)	+++	.0
Reimbursements PW - Fuel	90,000.00	.00	16,254.96	73,745.04	18	96,263.5
Reimbursements PW - Vehicle Parts	40,000.00	.00	7,974.57	32,025.43	20	36,393.7
Reimbursements PW - Labor	30,000.00	(549.89)	5,667.50	24,332.50	19	33,096.6
Intragovernmental Service Charge Charge to Operations	1,456,155.00	121,346.00	364,038.00	1,092,117.00	25	1,572,765.0
Interest Income Investments	1,000.00	.00	132.00	868.00	13	400.0
Insurance & Property Damage Property Damage Recovery	15,000.00	.00	.00	15,000.00	0	23,944.3
Insurance & Property Damage Workers Comp Recovery	.00	.00	4,846.73	(4,846.73)	+++	2,197.4
Other Miscellaneous Income	.00	.00	.00	.00	+++	2,872.5
(Source)/Use of Reserves	47,875.00	.00	.00	47,875.00	0	.0
REVENUE TOTALS	$1,693,530.00	$120,796.11	$399,910.64	$1,293,619.36	24%	$1,779,052.0
EXPENSE						
Department **52 - Public Works**						
Division **42 - Fleet Services**						
Program **0000 - General**						
Salaries Full Time	476,725.00	35,900.80	98,727.20	377,997.80	21	570,574.7
Salaries Part Time	.00	.00	.00	.00	+++	4,765.3
Salaries Overtime	10,000.00	416.54	5,481.65	4,518.35	55	11,046.5
Salaries Special Compensation	6,500.00	.00	.00	6,500.00	0	8,961.8
Taxes & Benefits Medicare	7,160.00	529.30	1,538.44	5,621.56	21	8,631.5
Taxes & Benefits Social Security	30,590.00	2,263.16	6,578.03	24,011.97	22	36,880.2
Taxes & Benefits IMRF Er Contribution	45,945.00	3,381.13	9,831.39	36,113.61	21	(35,968.29
Taxes & Benefits Medical/Dental Insurance	91,710.00	8,129.88	24,707.44	67,002.56	27	106,806.3
Taxes & Benefits Life Insurance	1,085.00	86.00	260.23	824.77	24	1,161.5
Operating Supplies Motor Fuel	445,000.00	28,982.60	123,271.78	321,728.22	28	451,517.9
Operating Supplies Lubricants & Additives	20,000.00	3,811.88	10,902.77	9,097.23	55	23,959.5
Operating Supplies Clothing	3,000.00	119.78	177.37	2,822.63	6	1,613.6
R&M Supplies Vehicle Parts	407,000.00	29,442.19	96,912.86	310,087.14	24	399,092.5
Services Other	17,500.00	1,118.74	1,995.96	15,504.04	11	29,040.1
Utility Services Refuse Disposal	1,000.00	.00	.00	1,000.00	0	512.5
Repair and Maintenance Machinery & Equipment	26,000.00	.00	4,162.39	21,837.61	16	23,450.6
Repair and Maintenance Vehicles	82,940.00	19,230.58	39,540.61	43,399.39	48	122,402.7
Repair and Maintenance Software	9,000.00	.00	450.00	8,550.00	5	6,756.5
Other Small Tools & Equipment	12,375.00	21.56	1,588.71	10,786.29	13	3,288.4
Program **0000 - General** Totals	$1,693,530.00	$133,434.14	$426,126.83	$1,267,403.17	25%	$1,774,494.5
Division **42 - Fleet Services** Totals	$1,693,530.00	$133,434.14	$426,126.83	$1,267,403.17	25%	$1,774,494.5
Department **52 - Public Works** Totals	$1,693,530.00	$133,434.14	$426,126.83	$1,267,403.17	25%	$1,774,494.5
EXPENSE TOTALS	$1,693,530.00	$133,434.14	$426,126.83	$1,267,403.17	25%	$1,774,494.5
Fund **710 - Fleet Services Fund** Totals						
REVENUE TOTALS	1,693,530.00	120,796.11	399,910.64	1,293,619.36	24%	1,779,052.0
EXPENSE TOTALS	1,693,530.00	133,434.14	426,126.83	1,267,403.17	25%	1,774,494.5
Fund **710 - Fleet Services Fund** Net Gain (Loss)	$0.00	($12,638.03)	($26,216.19)	($26,216.19)	+++	$4,557.5

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Fiduciary Funds**						
Fund Type **Pension Trust Fund**						
Fund **801 - Police Pension Fund**						
REVENUE						
Interest Income Investments	750,000.00	.00	176,494.30	573,505.70	24	3,922,288.2
Investment Income Realized Gain/Loss	250,000.00	.00	2,579,647.34	(2,329,647.34)	1,032	4,487,958.2
Investment Income Unrealized Gain/Loss	.00	.00	(9,445,648.21)	9,445,648.21	+++	8,238,406.9
Pension Contributions Employer Contributions	5,590,000.00	2,177,867.73	3,008,558.74	2,581,441.26	54	5,719,860.9
Pension Contributions Employee Contributions	1,199,530.00	88,007.28	264,268.44	935,261.56	22	1,185,100.4
Pension Contributions Portability/Svc Reinstate Pmts	.00	.00	.00	.00	+++	217,615.1
Other Miscellaneous Income	.00	.00	.00	.00	+++	50.0
(Source)/Use of Reserves	(203,530.00)	.00	.00	(203,530.00)	0	.0
REVENUE TOTALS	$7,586,000.00	$2,265,875.01	($3,416,679.39)	$11,002,679.39	(45%)	$23,771,280.0
EXPENSE						
Department **12 - Boards & Commissions**						
Division **07 - Police Pension Board**						
Program **0000 - General**						
Pension Service	6,160,000.00	504,336.89	1,499,800.90	4,660,199.10	24	5,384,849.1
Pension Duty Disability	325,000.00	21,282.46	63,847.38	261,152.62	20	252,565.0
Pension Non-Duty Disability	90,000.00	7,183.27	21,549.81	68,450.19	24	86,199.2
Pension Surviving Spouse	560,000.00	46,659.20	139,977.60	420,022.40	25	559,910.4
Office Supplies General	500.00	.00	.00	500.00	0	.0
Services Financial	300,000.00	.00	93,484.85	206,515.15	31	350,051.7
Services Banking	2,000.00	144.30	421.83	1,578.17	21	1,658.7
Services Legal	25,000.00	.00	1,124.00	23,876.00	4	4,097.0
Services Medical	5,000.00	.00	.00	5,000.00	0	1,840.0
Services Other	12,000.00	.00	.00	12,000.00	0	8,000.0
Other Memberships & Publications	1,500.00	.00	.00	1,500.00	0	795.0
Other Training & Travel	5,000.00	.00	125.00	4,875.00	3	1,355.0
Refunds	100,000.00	.00	.00	100,000.00	0	209,491.8
Program **0000 - General** Totals	$7,586,000.00	$579,606.12	$1,820,331.37	$5,765,668.63	24%	$6,860,813.1
Division **07 - Police Pension Board** Totals	$7,586,000.00	$579,606.12	$1,820,331.37	$5,765,668.63	24%	$6,860,813.1
Department **12 - Boards & Commissions** Totals	$7,586,000.00	$579,606.12	$1,820,331.37	$5,765,668.63	24%	$6,860,813.1
EXPENSE TOTALS	$7,586,000.00	$579,606.12	$1,820,331.37	$5,765,668.63	24%	$6,860,813.1
Fund **801 - Police Pension Fund** Totals						
REVENUE TOTALS	7,586,000.00	2,265,875.01	(3,416,679.39)	11,002,679.39	(45%)	23,771,280.0
EXPENSE TOTALS	7,586,000.00	579,606.12	1,820,331.37	5,765,668.63	24%	6,860,813.1
Fund **801 - Police Pension Fund** Net Gain (Loss)	$0.00	$1,686,268.89	($5,237,010.76)	($5,237,010.76)	+++	$16,910,466.8

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Fiduciary Funds**						
Fund Type **Pension Trust Fund**						
Fund **802 - Fire Pension Fund**						
REVENUE						
Interest Income Investments	750,000.00	.00	52,292.26	697,707.74	7	2,385,550.4
Investment Income Realized Gain/Loss	250,000.00	.00	(2,574,534.16)	2,824,534.16	(1,030)	6,858,500.1
Investment Income Unrealized Gain/Loss	.00	.00	(1,141,814.03)	1,141,814.03	+++	(570,400.84
Pension Contributions Employer Contributions	5,715,000.00	2,115,710.16	2,921,783.00	2,793,217.00	51	5,563,795.9
Pension Contributions Employee Contributions	1,009,485.00	74,912.15	228,681.48	780,803.52	23	999,524.1
Pension Contributions Portability/Svc Reinstate Pmts	.00	.00	51,282.13	(51,282.13)	+++	17,850.8
Other Miscellaneous Income	.00	12,420.14	12,470.14	(12,470.14)	+++	100.0
(Source)/Use of Reserves	(315,985.00)	.00	.00	(315,985.00)	0	.0
REVENUE TOTALS	$7,408,500.00	$2,203,042.45	($449,839.18)	$7,858,339.18	(6%)	$15,254,920.7
EXPENSE						
Department **12 - Boards & Commissions**						
Division **08 - Fire Pension Board**						
Program **0000 - General**						
Pension Service	6,450,000.00	519,736.40	1,551,299.24	4,898,700.76	24	5,763,449.0
Pension Duty Disability	450,000.00	31,032.20	92,981.89	357,018.11	21	367,423.3
Pension Non-Duty Disability	80,000.00	6,662.47	19,987.41	60,012.59	25	78,753.1
Pension Surviving Spouse	195,000.00	16,263.69	48,791.07	146,208.93	25	179,509.1
Office Supplies General	500.00	.00	.00	500.00	0	.0
Services Financial	100,000.00	.00	63,351.19	36,648.81	63	219,266.7
Services Banking	2,000.00	150.19	422.74	1,577.26	21	1,665.4
Services Legal	10,000.00	.00	3,044.12	6,955.88	30	2,064.8
Services Medical	5,000.00	.00	275.00	4,725.00	6	340.0
Services Other	12,000.00	.00	.00	12,000.00	0	8,000.0
Other Memberships & Publications	1,000.00	.00	.00	1,000.00	0	795.0
Other Training & Travel	3,000.00	.00	.00	3,000.00	0	827.4
Refunds	100,000.00	.00	.00	100,000.00	0	.0
Program **0000 - General** Totals	$7,408,500.00	$573,844.95	$1,780,152.66	$5,628,347.34	24%	$6,622,094.1
Division **08 - Fire Pension Board** Totals	$7,408,500.00	$573,844.95	$1,780,152.66	$5,628,347.34	24%	$6,622,094.1
Department **12 - Boards & Commissions** Totals	$7,408,500.00	$573,844.95	$1,780,152.66	$5,628,347.34	24%	$6,622,094.1
EXPENSE TOTALS	$7,408,500.00	$573,844.95	$1,780,152.66	$5,628,347.34	24%	$6,622,094.1
Fund **802 - Fire Pension Fund** Totals						
REVENUE TOTALS	7,408,500.00	2,203,042.45	(449,839.18)	7,858,339.18	(6%)	15,254,920.7
EXPENSE TOTALS	7,408,500.00	573,844.95	1,780,152.66	5,628,347.34	24%	6,622,094.1
Fund **802 - Fire Pension Fund** Net Gain (Loss)	$0.00	$1,629,197.50	($2,229,991.84)	($2,229,991.84)	+++	$8,632,826.5

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

VILLAGE OF PALATINE

Income Statement

Through 03/31/22
Detail Listing
Exclude Rollup Account

Account Description	Annual Budget Amount	MTD Actual Amount	YTD Actual Amount	Budget Less YTD Actual	% of Budget	Prior Yea Total Actua
Fund Category **Fiduciary Funds**						
Fund Type **Agency Funds**						
Fund **820 - Letter of Credit Fund**						
REVENUE						
(Source)/Use of Reserves	71,462.00	.00	.00	71,462.00	0	.0
REVENUE TOTALS	$71,462.00	$0.00	$0.00	$71,462.00	0%	$0.0
EXPENSE						
Department **40 - Community Development**						
Division **85 - Other Charges**						
Program **0000 - General**						
Improvements Other Than Buildings	21,462.00	.00	.00	21,462.00	0	.0
Program **0000 - General** Totals	$21,462.00	$0.00	$0.00	$21,462.00	0%	$0.0
Division **85 - Other Charges** Totals	$21,462.00	$0.00	$0.00	$21,462.00	0%	$0.0
Department **40 - Community Development** Totals	$21,462.00	$0.00	$0.00	$21,462.00	0%	$0.0
Department **52 - Public Works**						
Division **75 - Capital Outlay**						
Program **0000 - General**						
Improvements Other Than Buildings	50,000.00	.00	.00	50,000.00	0	19,869.8
Program **0000 - General** Totals	$50,000.00	$0.00	$0.00	$50,000.00	0%	$19,869.8
Division **75 - Capital Outlay** Totals	$50,000.00	$0.00	$0.00	$50,000.00	0%	$19,869.8
Department **52 - Public Works** Totals	$50,000.00	$0.00	$0.00	$50,000.00	0%	$19,869.8
EXPENSE TOTALS	$71,462.00	$0.00	$0.00	$71,462.00	0%	$19,869.8
Fund **820 - Letter of Credit Fund** Totals						
REVENUE TOTALS	71,462.00	.00	.00	71,462.00	0%	.0
EXPENSE TOTALS	71,462.00	.00	.00	71,462.00	0%	19,869.8
Fund **820 - Letter of Credit Fund** Net Gain (Loss)	$0.00	$0.00	$0.00	$0.00	+++	($19,869.86

Attachment: 1Q CY 2022 Quarterly Report (1Q 2022 Fin Rpt (CA))

Ordinance Amending Chapter 11 - Licenses, Permits and Business Regulations and Chapter 12 - Offenses and Miscellaneous Provisions

BACKGROUND:

Both Chapter 11 and Chapter 12 of the Code of Ordinances make reference to gambling prohibitions within the Village of Palatine. With the creation of the "VG" Video Gaming liquor license classification, an amendment to Chapter 11 and 12 is necessary.

KEY ISSUES:

The proposed amendments to Chapters 11 and 12 would delete the prohibitive language related to gambling for an establishment that secures a "VG" liquor license. For anyone without a "VG" license, the prohibition remains.

ALTERNATIVES:

1. Approve an ordinance amending Chapter 11 and 12.
2. Do not approve the ordinance or refer back to staff with comments.

RECOMMENDATION:

Staff recommends approval of the ordinance amending Chapter11 and 12.

ACTION REQUIRED:

Action is at the discretion of the Village Council.

ATTACHMENTS:

- Ordinance Amending Chapter 11,12
- Exhibit - Chapter 11, 12 Changes

ORDINANCE NO. O - _____ - 22

AN ORDINANCE AMENDING THE CODE OF ORDINANCES CHAPTER 11 – LICENSES, PERMITS AND BUSINESS REGULATIONS AND CHAPTER 12 – OFFENSES AND MISCELLANEOUS PROVISIONS

WHEREAS, the Village of Palatine Code of Ordinances provides regulations related to gaming activities in the Village of Palatine; and

WHEREAS, the regulations include among other things prohibitions related to gaming activities in both Chapter 11 and Chapter 12 of the Code of Ordinances; and

WHEREAS, the Village Council has directed that these prohibitions be amended.

NOW, THEREFORE BE IT ORDAINED by the Mayor and Village Council of the Village of Palatine, Cook County, Illinois, that:

SECTION 1: Chapter 11 and Chapter 12 of the Code of Ordinances be amended in accordance with the changes depicted in Exhibit A.

SECTION 5: The effective date of the changes in Section 1 shall be July 1, 2022.

PASSED: This 11th day of April, 2022

AYES: _____ NAYS: _____ ABSENT:_____ PASS:_____.

APPROVED by me this 11th day of April, 2022.

_____
Mayor of the Village of Palatine

ATTESTED and FILED in the
Office of the Village Clerk this
11th day of April, 2022.

_____
Village Clerk

Attachment: Ordinance Amending Chapter 11,12 (Ordinance Amending Chapter 11 and 12 (CA))

CHAPTER 11 - LICENSES, PERMITS AND BUSINESS REGULATIONS

ARTICLE II. AMUSEMENT FACILITIES

DIVISION 1. GENERALLY

Sec. 11-32. Coin-operated amusement devices

(A) Definition. A "coin-operated amusement device" shall mean and include any machine which, upon the insertion of a coin, slug, token, plate or disc, may be operated by the public generally for use as a game, entertainment or amusement, whether or not registering a score. It shall include such devices as marble machines, pinball machines, electronic games, skill ball, mechanical grab machines and all similar games, operations or devices however designated; but shall not include any music vending machine, contrivance or device, commonly known as a "juke box," which, upon the insertion of a coin, slug, token, plate, disc or key into any slot or other opening, produces, plays or emits songs, music or other prerecorded entertainment.

(E) G*enerally.* Unless otherwise authorized pursuant to Chapter 3 of the Code of Ordinances, no coin-operated amusement device shall provide a monetary reward for skill in the operation thereof, nor shall gambling of any kind be permitted in connection with any coin-operated amusement device. No coin-operated amusement device upon which free replays are awarded shall award more than six (6) free replays in total, howsoever accumulated, nor shall any coin-operated amusement device be equipped with a so-called "knock-off button" or other mechanism which releases or cancels free replays.

Sec. 11-44 ~~Gambling prohibited.~~

~~It shall be unlawful for any person to gamble, bet or permit any form of gambling or betting in any premises used for a bowling alley, pin or ball alley. (Code 1961, § 11.304)~~

Reserved

Attachment: Exhibit - Chapter 11, 12 Changes (Ordinance Amending Chapter 11 and 12 (CA))

CHAPTER 12 – OFFENSES AND MISCELLANEOUS PROVISIONS

ARTICLE I. IN GENERAL

Sec. 12-1. Injury to public property.

It shall be unlawful to injure, deface or interfere with any property belonging to the village without proper authority from the board. (Code 1961, § 8.604)

Cross reference(s)--Vandalism, § 12.241 et seq.

Sec. 12-2. Gambling.

Unless otherwise authorized by the Village, it shall be unlawful to gamble or attend any gambling resort or to make a bet, lottery (other than lawfully approved lotteries) or gambling hazard, to buy or sell any chances or tickets in any gambling game, arrangement or device or use a video gaming terminal.

Unless otherwise authorized and licensed by the Village, it shall be unlawful to possess or expose for public use any video gaming terminal, slot machine, sweepstakes machine, ~~pinball machine~~ or other coin-operated device designed for gambling or games of chance or any other gambling device, punch board or paraphernalia with the intent to use the same for an unlawful purpose; and any such device or paraphernalia kept with such intent may be confiscated by any member of the police department.

It shall be unlawful to maintain or patronize any establishment maintained for a gambling house or resort anywhere in the village.

It shall be unlawful to advertise any gambling house or resort in any street, alley or other public places within the village. (Code 1961, § 25.001)

Attachment: Exhibit - Chapter 11, 12 Changes (Ordinance Amending Chapter 11 and 12 (CA))

Consider a Resolution Releasing the Moyer Estates Subdivision Public Improvement Letter of Credit at 305 N. Clyde Avenue

BACKGROUND:

Moyer Estates Subdivision is a 2-lot subdivision, which was approved in 2016. The current property owner submitted a security deposit for the required Public Improvements, but did not ultimately initiate the engineering improvements or develop the lots. The current property owner decided to sell the lots to a new developer. Therefore, the Petitioner is requesting:

> **Authorization to release the Moyer Subdivision Public Improvement Security Deposit**

KEY ISSUES:

- The current owner/developer for Moyer Estates Subdivision submitted the required Public Improvement Security Deposit in 2018, but did not initiate or complete any of the required improvements.
- Ultimately, the current owner determined that he would sell the property to another developer. As required, the new developer submitted a replacement Public Improvement Security Deposit and Subdivision Improvement Agreement. Therefore, the current security deposit should be released in full.

ALTERNATIVES:

1. Release the Public Improvement Security Deposit for Moyer Subdivision.
2. Do not release the Public Improvement Security Deposit for Moyer Subdivision.

RECOMMENDATION:

Staff recommends releasing the Public Improvement Security Deposit to Flemming Property & Investments.

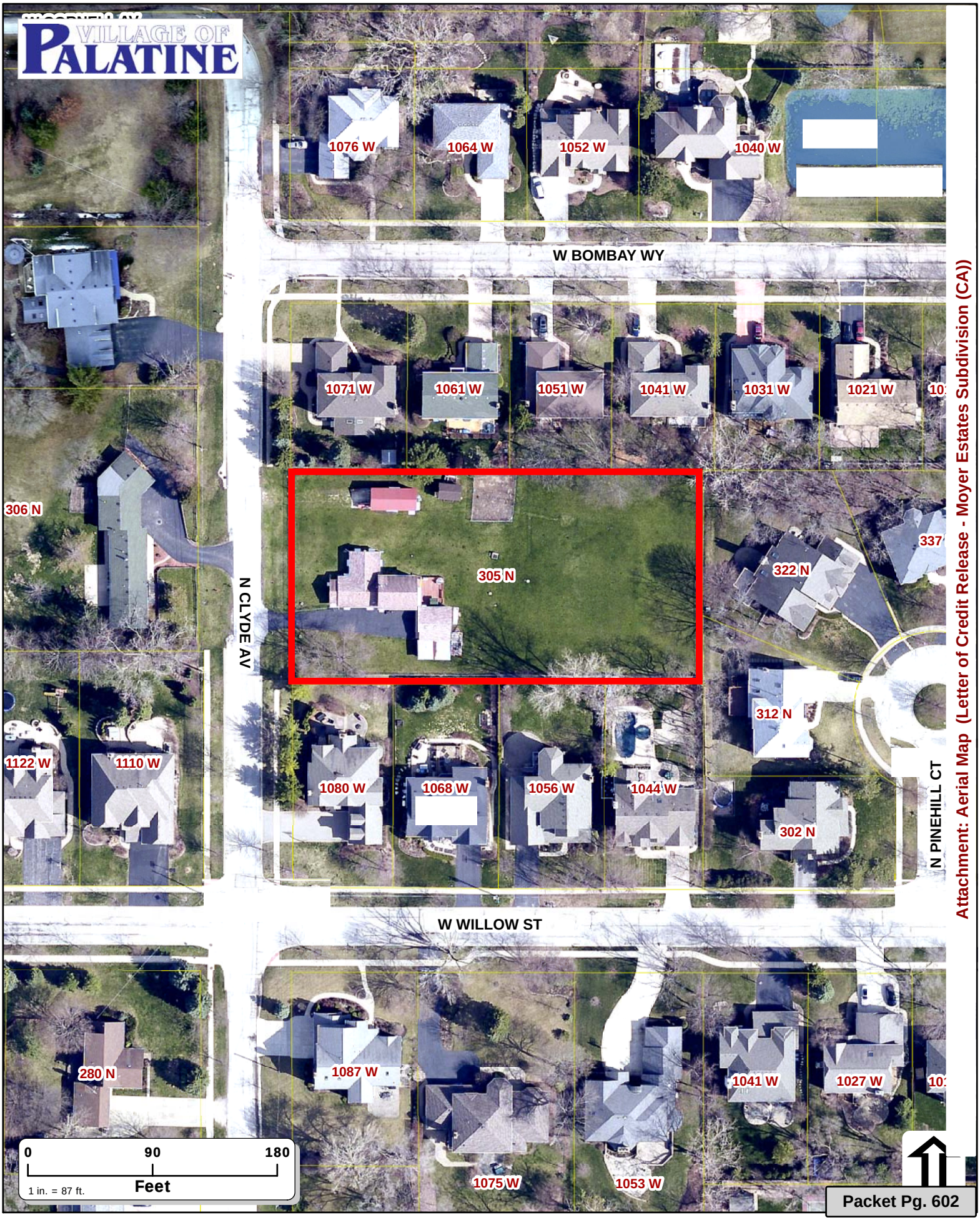
ACTION REQUIRED:

A motion to approve a resolution granting the release of the Moyer Estates Public Improvement Security Deposit.

ATTACHMENTS:

- Aerial Map
- RES - Moyer SUB release

305 N. Clyde Ave.



Attachment: Aerial Map (Letter of Credit Release - Moyer Estates Subdivision (CA))

RESOLUTION NO. _____

RESOLUTION AUTHORIZING THE RELEASE OF THE PUBLIC IMPROVEMENT SECURITY DEPOSIT FOR MOYER SUBDIVISION, PURSUANT TO THE VILLAGE OF PALATINE MUNICIPAL CODE, APPENDIX B, SUBDIVISIONS, SECTION 9.02

WHEREAS, on the 29th day of August 2018, Flemming Property and Investments, for good and valuable consideration agreed to install certain public improvements and submitted the required public improvement security deposit for the public improvements associated with Moyer Subdivision; and

WHEREAS, pursuant to Section 9.02 of Appendix B of the Palatine Municipal Code, an owner or developer of a subdivision is required to deposit certain security or evidence thereof with the Village of Palatine to guarantee the installation of such public improvements and completion of the buildings; and

WHEREAS, in the matter of the Moyer Subdivision located at 305 N. Clyde Avenue, a Security Deposit in the amount of $47,816.26 was deposited with the Village of Palatine on the 29th day of August, 2018 to ensure the completion of the public improvements; and

WHEREAS, Flemming Property & Investments has made application for the release of the $47,816.26 Security Deposit, as a new developer/property owner (J B Homes of Illinois, LLC), submitted a replacement Security Deposit and Subdivision Improvement Agreement.

Attachment: RES - Moyer SUB release (Letter of Credit Release - Moyer Estates Subdivision (CA))

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the Village of Palatine that:

SECTION 1: Approval pursuant to the Palatine Municipal Code, Appendix B Section 9.02 be and is hereby granted to release the public improvement security deposit having a value of $47,816.26.

SECTION 2: The Public Improvement security deposit (Flemming Property & Investments check #1078) of $47,816.26 is hereby released, as a new developer/property owner (J B Holmes of Illinois LLC) submitted a replacement Security Deposit and Subdivision Improvement Agreement for Moyer Subdivision at 305 N. Clyde Avenue.

PASSED: This _____ day of _____, 2022.

AYES:_____ NAYS:_____ABSENT:_____PASS:_____

_____
Mayor

ATTESTED and FILED in the Office of the Village Clerk this _____ day of _____, 2022.

_____
Village Clerk

Attachment: RES - Moyer SUB release (Letter of Credit Release - Moyer Estates Subdivision (CA))