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

MINUTES

MARCH 7, 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	Present	
Scott Lamerand	District 2 Councilman	Present	
Doug Myslinski	District 3 Councilman	Present	
Greg Solberg	District 4 Councilman	Present	
Kollin Kozlowski	District 5 Councilman	Present	
Brad Helms	District 6 Councilman	Absent	

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 Planning & Zoning Ben Vyverberg, Director of Public Works Matt Barry, Police Chief Dave Daigle, Fire Chief Patrick Gratzianna, IT Director Larry Schroth, Director of Finance Paul Mehring

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 - February 22, 2022 **- Accepted**

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Tim Millar, District 1 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski

IV. MAYOR'S REPORT – Time: 7:01 PM

1. Presentation by Cook County Commissioner Scott Britton **-**

Mayor Schwantz introduced Cook County Commissioner Scott Britton to speak on local issues, particularly:

- Quentin Road from Dundee to Lake Cook
- Euclid Avenue from Roselle to Quentin
- ARPA funding for infrastructure in the 14th District

Mayor Schwantz appreciated the responsiveness from Commissioner Britton regarding Bike Trail extensions from Smith into the Forest Preserve.

Commissioner Britton shares frustrations and the project of Quentin Road, which is frequently mentioned and it is his goal to get it completed. The process has been way too long. COVID did interfere. He saw the data that shows a definite need for the expansion of Quentin at $40.5 million, $37 million is County funded, plus $3 million federal funds including another environmental study.

Quentin Road Project Timeline:

1. repair Quentin this year
2. community outreach this calendar year for configuration
3. environmental study by early 2023
4. resurfacing bids are out for contracts summer 2022

Schwantz stated that COVID should not have shut down Cook County. The Village of Palatine lobby was closed for 30 days. Whatever is needed from Palatine, we will provide. Palatine wants 4 lanes with a dedicated turn lane.

Councilman Kozlowski asked about the need for another environmental study. Britton stated, it is needed again to assure the Forest Commission is on board. Federal funding of $3.7 million is needed and depends on the environmental study, the most recent was in 2018.

Village Manager Reid Ottesen stated that this is not uncommon. If anything, the situation now is more conducive to the expansion with more trees dying, etc. New development has taken place north in Deer Park, not much along the roadway. COVID has impeded staff communication. Hopefully, the new Highway Superintendent will move this project forward.

Commissioner Britton stated the new Superintendent of Highways is very responsive.

Councilman Myslinski stated a few new homes in Dunhaven, but what is the real design? Britton responded that the results of the 2018 neighborhood survey was close. A lot depends on Palatine government and residents' desires, but environmental and safety impacts are most important.

Councilman Millar agreed, safety is number one. The 1,800 acres (less than 1/2%) have a relatively small impact. The vast majority in District 1 support widening Quentin. We appreciate Commissioner Britton pushing this through. Britton wants all stakeholders involved and heard. Opposition to the expansion was not from this area; the residents in the area favor the expansion.

Euclid:
A meeting is scheduled to address Euclid. Britton is working to move it forward on the 5-year plan. Now is the time to get the federal funding and opportunities for small businesses in the area. $900 million left over (of $1 billion Federal funding, Chicago received $2 billion) that Britton can allocate. The deadline for allocation of ARPA funds is 3 years. He will coordinate with Ottesen. Infrastructure will receive the largest portion of that funding.

Again, Schwantz thanked Britton for being available to us. Britton complimented Palatine and Ottesen in particular.

2. As Submitted **-**

Mayor Schwantz announced upcoming events:

Friday, March 11: 5:45PM-8PM
American Legion Fish Fry
American Legion

Saturday March 12: 11AM
Durty Nellie's St. Patrick's Day Parade
Along Wood Street

Sunday March 13: 12PM-4PM
Fundraiser to Aid Families of Ukrainian Soldiers
Ukrainian Center

Wednesday, March 16: 7:00 PM
District 2 Residents' Meeting with Councilman Lamerand
Village Hall

V. RECESS TO THE COMMITTEE OF THE WHOLE

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

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Tim Millar, District 1 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

VI. COMMITTEE OF THE WHOLE

A. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE – Time: 7:31 PM

GREG SOLBERG, CHAIRMAN

1. Consider an Ordinance Granting a Minor Planned Development Amendment to the Palatine Centre/Quest Academy at 3 - 47 E. Northwest Highway **- Motion Carried by Voice Vote** (Council District: Six)

   Planning & Zoning Director Ben Vyverberg recommended approval of Quest Academy's request for a Minor Amendment to Planned Development Ordinance #O-120-11, to permit the use of space 5 and 7 in the west section of the center for student related uses, including payment in lieu of taxes to the Village.

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Scott Lamerand, District 2 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

2. Consider an Ordinance Granting a Final Planned Development for Carraig Subdivision at 274 & 286 W. Michigan Avenue **- Motion Carried by Voice Vote** (Council District: Two)

   Planning & Zoning Director Ben Vyverberg recommended approval of the Carraig Subdivision Final Planned Development at 274 & 286 W. Michigan Avenue. He noted the developer is proposing the detention basin between lots 1,2,3 and 4 with possible narrowing of the basin. Staff is recommending a condition that the Petitioner complete demolition of the two existing homes by no later than August 31, 2022.

   John Green, Architect, and Willy Cronin, Developer, addressed the Council. Cronin confirmed August 31, for demolition. All six lots will be built in 2 to 3 years.

   Village Manager Reid Ottesen confirmed the demolition condition, which can end the Ordinance approval if not accomplished. Properties are in adjudication due to dead trees and other issues. Demolition will handle all complaints.

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Tim Millar, District 1 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

3. As Submitted **-**

   Nothing was submitted.

B. POLICE POLICY & CODE SERVICES COMMITTEE – Time: 7:38 PM

KOLLIN KOZLOWSKI, CHAIRMAN

1. Consider a Motion Accepting the Required Three-Month Review of Operations of Madcats at 117 W. Slade Street **- Approved by Voice Vote** (Council District: Six)

   Planning & Zoning Director Ben Vyverberg recommended acceptance of the 3-month review, without recommending any additional Special Use conditions at this time. No specific incidents have occurred.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Jim Schwantz, Mayor
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

2. Consider an Ordinance Amending Section 18-62 of the Code of Ordinances to Add an All-Way Stop Intersection at East Helen Road and South Benton Street **- Motion Carried by Voice Vote** (Council District: Multiple)

   Public Works Director Matt Barry reported that the resident request for an all-way stop at Helen and South Benton does not meet warrants, majority of residents favor the stop signs in anticipation of increased traffic and safety concerns.

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

3. Consider an Ordinance Amending Section 18-66 of the Code of Ordinances to Remove the No Right Turn on Red Prohibition for Northbound Brockway Street at Palatine Road **- Motion Carried by Voice Vote** (Council District: Two)

   Due to removal of the sight line barrier, Public works Director Matt Barry proposed the removal of the No Right Turn sign at Brockway Street and Palatine Road.

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

4. As Submitted **-**

Nothing was submitted.

C. INFRASTRUCTURE & ENVIRONMENT COMMITTEE – Time: 7:43 PM

TIM MILLAR, CHAIRMAN

1. Truck Purchases

Motion was to approve Items A., B., and C.

A. Consider a Motion Authorizing the Village Manager to Purchase a Replacement Log Loader Truck **- Approved by Voice Vote**

Public Works Director Matt Barry recommended waiving formal bid procedures and authorizing the Village Manager to purchase one Freightliner chassis log loader truck from Northwest Trucks, in the amount of $95,850 and outfitting from Runnion Equipment in the amount of $121,139, for a total cost not to exceed $216,989.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Jim Schwantz, Mayor
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

B. Consider a Motion Authorizing the Village Manager to Purchase Two Heavy Duty Haul Trucks **- Approved by Voice Vote**

Public Works Director Matt Barry recommended waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner single-axle chassis and one Freightliner tandem-axle chassis five-ton dump trucks from Northwest Trucks, in the amount of $172,500 and upfitting from Monroe Truck, in the amount of $215,009, for a total cost not to exceed $387,509.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Jim Schwantz, Mayor
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

C. Consider a Motion Authorizing the Village Manager to Pre-Purchase a Replacement Five-Ton Dump Truck **- Approved by Voice Vote**

Public Works Director Matt Barry recommended waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner single-axle chassis five-ton dump truck from Northwest Trucks, in the amount of $81,180 and upfitting from Monroe Truck in the amount of $107,351, for a total cost not to exceed $188,531.

Mayor Schwantz asked if any other departments are accelerating purchase of vehicles impacting capital improvements.

Village Manager Reid Ottesen stated we are expecting a discussion in an upcoming meeting to take advantage of pricing as we expect 7% price increases in May.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Jim Schwantz, Mayor
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski

2. Consider a Motion to Award a Contract for the 2022 Parking Lot Resurfacing Project **- Approved by Voice Vote** (Council District: Six)

Resulting in a savings of approximately $125,430, Public Works Director Matt Barry recommended that the formal bid process be waived and the Village Manager be authorized to execute the contract for the 2022 Parking Lot Resurfacing of Lots B, C and F with Arrow Road Construction to be completed by May.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

3. As Submitted **-**

Nothing was submitted.

D. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE – Time: 7:48 PM

DOUG MYSLINSKI, CHAIRMAN

1. Motion Authorizing the Village Manager to Enter into an Agreement with Simple Recycling for a Community Textile Recycling Program **- Approved by Voice Vote**

   Deputy Village Manager Hadley Skeffington-Vos explained, at the request of a resident group, Clean Cities, that staff has worked with SWANCC and Simple Recycling to implement a reservation based program for pick-up of textiles and small electronics to reduce landfill and increase recycling of materials. The Village will receive $0.05 per pickup of Soft Recyclables in Palatine.

   Mayor Schwantz asked about the confidence level staff has with the organization.

   Skeffington-Vos said Niles has worked with this company for 5 years as a low maintenance program and the new manager is responsive.

   In response to Councilman Millar, service to multi-family units is still being planned.

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

2. Consider a Motion Authorizing the Village Manager to Approve Reimbursements to the Palatine Park District for Contractual Grass Mowing Services **- Approved by Voice Vote**

   Public Works Director Matt Barry recommended authorizing the Village Manager to approve reimbursements to the Palatine Park District for Contractual Grass Mowing Services for the 2022 mowing season.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Jim Schwantz, Mayor
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

3. As Submitted **-**

   Nothing was submitted.

E. BUSINESS FINANCE & BUDGET COMMITTEE – Time: 7:53 PM

BRAD HELMS, CHAIRMAN

In the absence of Chairman Helms, Vice-Chair Millar opened the Business Finance & Budget Committee.

1. Consider an Ordinance Reserving Volume Cap in Connection with Private Activity Bond Issues and Related Matters **- Motion Carried by Voice Vote**

   Village Manager Reid Ottesen explained last year, the Village received a request to transfer its volume cap allocation to the Town of Normal, McLean County, Illinois in connection with a Mortgage Credit Certificate program for first-time home buyers. The Village previously entered into an Intergovernmental Agreement with Normal regarding the program. This agreement is still active; thus, no additional actions/approvals are required. To date, 46 first-time home buyers have utilized the program to buy homes in Palatine. Staff recommends approval of the ordinance reserving the Village's volume cap. This will be the 4th or 5th year Palatine has participated.

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Greg Solberg, District 4 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

2. As Submitted **-**

   Nothing was submitted.

F. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE – Time: 7:55 PM

SCOTT LAMERAND, CHAIRMAN

1. As Submitted **-**

   Nothing was submitted.

VII. RECONVENE THE VILLAGE COUNCIL MEETING – Time: 7:55 PM

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

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Tim Millar, District 1 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

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
ABSENT:	Helms

1. Consider a Motion to Approve 2022 Warrant #5 **- Approved**

2. Consider an Ordinance Granting a Minor Planned Development Amendment to the Palatine Centre/Quest Academy at 3 - 47 E. Northwest Highway **- Approved** (Council District: Six)

   Ordinance #O-18-22

3. Consider an Ordinance Granting a Final Planned Development for Carraig Subdivision at 274 & 286 W. Michigan Avenue **- Approved** (Council District: Two)

   Ordinance #O-19-22

4. Consider a Motion Accepting the Required Three-Month Review of Operations of Madcats at 117 W. Slade Street **- Approved** (Council District: Six)

5. Consider an Ordinance Amending Section 18-62 of the Code of Ordinances to Add an All-Way Stop Intersection at East Helen Road and South Benton Street **- Approved** (Council District: Multiple)

   Ordinance #O-20-22

6. Consider an Ordinance Amending Section 18-66 of the Code of Ordinances to Remove the No Right Turn on Red Prohibition for Northbound Brockway Street at Palatine Road **- Approved** (Council District: Two)

   Ordinance #O-21-22

7. Consider a Motion Authorizing the Village Manager to Purchase a Replacement Log Loader Truck **- Approved**

8. Consider a Motion Authorizing the Village Manager to Purchase Two Heavy Duty Haul Trucks **- Approved**

9. Consider a Motion Authorizing the Village Manager to Pre-Purchase a Replacement Five-Ton Dump Truck **- Approved**

10. Consider a Motion to Award a Contract for the 2022 Parking Lot Resurfacing Project **- Approved** (Council District: Six)

11. Motion Authorizing the Village Manager to Enter into an Agreement with Simple Recycling for a Community Textile Recycling Program **- Approved**

12. Consider a Motion Authorizing the Village Manager to Approve Reimbursements to the Palatine Park District for Contractual Grass Mowing Services **- Approved**

13. Consider an Ordinance Reserving Volume Cap in Connection with Private Activity Bond Issues and Related Matters **- Approved**

    Ordinance #O-22-22

14. Consider an Ordinance Amending Chapter 18 Traffic of the Village of Palatine Code of Ordinances **- Approved**

    Ordinance #O-23-22

IX. REPORTS OF STANDING COMMITTEE

A. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE – Time: 7:56 PM

DOUG MYSLINSKI, CHAIRMAN

1. As Submitted **-**

   No Report

B. BUSINESS FINANCE & BUDGET COMMITTEE – Time: 7:56 PM

BRAD HELMS, CHAIRMAN

1. As Submitted **-**

   No Report

C. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE – Time: 7:56 PM

GREG SOLBERG, CHAIRMAN

1. As Submitted **-**

   No Report

D. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE – Time: 7:56 PM

SCOTT LAMERAND, CHAIRMAN

1. As Submitted **-**

No Report

E. INFRASTRUCTURE & ENVIRONMENT COMMITTEE – Time: 7:56 PM

TIM MILLAR, CHAIRMAN

1. As Submitted **-**

No Report

F. POLICE POLICY & CODE SERVICES COMMITTEE – Time: 7:56 PM

KOLLIN KOZLOWSKI, CHAIRMAN

1. As Submitted **-**

No Report

X. REPORTS OF THE VILLAGE OFFICERS

A. VILLAGE MANAGER – Time: 7:57 PM

1. As Submitted **-**

No Report

B. VILLAGE CLERK – Time: 7:57 PM

1. As Submitted **-**

No Report

C. VILLAGE ATTORNEY – Time: 7:57 PM

1. As Submitted **-**

No Report

XI. CLOSED SESSION AS REQUIRED – Time: 7:57 PM

No Closed Session requested.

XII. RECOGNITION OF AUDIENCE – Time: 7:57 PM
No one came forward.

XIII.ADJOURNMENT – Time: 7:57 PM

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

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Tim Millar, District 1 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

SUBMITTED BY:

Margaret R. Duer
Village Clerk

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VILLAGE COUNCIL & COMMITTEE OF THE WHOLE

MINUTES

FEBRUARY 22, 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	Present	
Scott Lamerand	District 2 Councilman	Present	
Doug Myslinski	District 3 Councilman	Present	
Greg Solberg	District 4 Councilman	Present	
Kollin Kozlowski	District 5 Councilman	Present	
Brad Helms	District 6 Councilman	Absent	

Also Present:
Village Manager Reid Ottesen, Deputy Village Manager Hadley Skeffington-Vos, Village Attorney Nicholas Standiford, Director of Community Development Mike Jacobs, Director of Planning & Zoning Ben Vyverberg, Director of Public Works Matt Barry, Police Chief Dave Daigle, Fire Chief Patrick Gratzianna, IT Director Larry Schroth, Director of Human Resources Pam Jackson and Acting Deputy Clerk Vicki Cox

II. PLEDGE TO THE FLAG

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

III. APPROVAL OF MINUTES

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

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Scott Lamerand, District 2 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

IV. MAYOR'S REPORT

Mayor Schwantz announced upcoming events:

Thursday, February 24: 4PM-6PM
Art & Wine Fundraising Event
Palatine Township Senior Center

Sunday, February 27: 8AM-1PM
Knights of Columbus Pancake Breakfast
St. Thomas of Villanova

Friday, March 4 through Friday, April 8: 4PM-7PM
Knights of Columbus Lenten Fish Fry
St. Thomas of Villanova Rowley Center

Friday, March 4 through Friday, April 15: 5:45PM-8PM
American Legion Fish Fry
American Legion

Saturday, March 5: 6PM-9PM
Bingo
American Legion

1. As Submitted **-**

   Nothing was submitted.

V. RECESS TO THE COMMITTEE OF THE WHOLE

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

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Tim Millar, District 1 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

VI. COMMITTEE OF THE WHOLE

A. POLICE POLICY & CODE SERVICES COMMITTEE

KOLLIN KOZLOWSKI, CHAIRMAN

1. Consider an Ordinance Approving a Special Use and Variation for a Popeye's Restaurant, with a Drive-Through, at 1142 E. Dundee Road **- Motion Carried by Voice Vote** (Council District: Four)

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

Planning and Zoning Director Ben Vyverberg presented a request for approval of a special use and variation for a new Popeye's Restaurant with drive-through, at 1142 E. Dundee Road. The subject property was previously a Wendy's Restaurant and has been vacant and without use since 2014. Popeye's is proposing a drive through which requires a special use under the recently amended restaurant code for the B2 business districts. The site plan includes a cross access easement along Dundee Road with a proposed set back of 57 feet. Per Village code, 202 square feet of total signage is permitted and the petitioner is requesting 280 square feet. The drive-through, easements and proposed buildings comply with Village code. Staff agrees that the increased front yard setback to accommodate cross access provides additional justification for signage variation.

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Greg Solberg, District 4 Councilman
SECONDER:	Jim Schwantz, Mayor
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

2. As Submitted **-**

   Nothing was submitted.

B. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE

DOUG MYSLINSKI, CHAIRMAN

1. Discussion and Potential Motion to Authorize Actions Related to the Implementation of Outdoor Dining in Compliance with Restore Illinois Plan **- Approved by Voice Vote**

   Village Manager Reid Ottesen presented the matter of outdoor dining in downtown Palatine for 2022. For the past two years, from approximately March until the end of October or early November we have allowed outdoor dining on the sidewalk and street for 3 downtown Palatine establishments (JL's, Schnell's and TJ Obrien's). Bars and restaurants were heavily hit due to Covid; therefore, Council allowed outdoor dining in 2020 and 2021 since vaccines were not fully available at that time and the mask mandate was in effect.

   Ottesen stated that on February 28th, 2022, the Governor will lift the mask mandate in Illinois. Two of the three establishments who previously participated in outdoor dining asked if the Village will allow outdoor dining for 2022. The challenges with this continuing are that Palatine's streets were not originally intended for street dining. Drainage issues, sloping streets and parking issues make this challenging. It's a delicate balance and last year we had approximately 15-20 complaints from other establishments. Going forward, we can discuss the downtown Palatine area and possibly

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

adjustments to these issues using TIF funds. Ottesen feels outdoor dining can work better in the future and recommends no outdoor dining for this year.

Discussion pursued amongst Council regarding time limits on outdoor dining, using the BMO Harris parking lot and developing a future plan for business owners who would like to participate in outdoor dining through the Village's comprehensive plan or the capital budget process.

Councilman Myslinski read a note from Councilman Helms, in his absence, regarding outdoor dining. "Since my hope is to allow a version of outdoor dining expansion, Covid is not over, so to be able to accommodate those that may be hesitant to dine indoors, allow outdoor dining for one more season and then maybe we can visit expanding areas to some extent permanently using TIF funds. If cost is an issue, instead of discontinuing, ask establishments about an acceptable fee to be able to continue to offset implementation."

In response to Councilman Myslinski, Ottesen mentioned we can facilitate discussions and do a refresh in the area. We are in a whole different place than we were last year. Ottesen stated that there are opportunities to expand outdoor dining along the sidewalk area by working cooperatively with other businesses. Some establishments are eager to get back parking areas; especially those serving senior clientele.

Councilman Myslinski made the motioned to concur with staff recommendation to only utilize the sidewalks with understanding the sidewalk locations may expand at staff's discretion.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

2. As Submitted **-**

Nothing was submitted.

C. INFRASTRUCTURE & ENVIRONMENT COMMITTEE

TIM MILLAR, CHAIRMAN

1. Consider a Motion Authorizing the Village Manager to Execute a License Agreement with Level 3 Communications, LLC **- Approved by Voice Vote**

Public Works Director Matt Barry presented a request to execute a license agreement with Level 3 Communications certified by the Illinois Commerce Commission (ICC) to provide and resell intrastate and interstate telecommunication services within Illinois. They propose to use select Village

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

of Palatine rights-of-way in order to install and maintain fiber optic cable. All installations would require a permit review process. The agreement would grant Level 3 the ability to install, operate, repair and replace equipment within the Village's rights-of-way only at the specified locations. All installations will be underground. Per State law, the Village shall not require any fees for obtaining such permits. The initial term of the agreement is for 20 years and includes a renewal for 1 additional 10-year period. As a company without a franchise agreement with the Village, a license agreement is required. Staff recommends authorizing the Village Manager to execute a License Agreement with Level 3 Communications, LLC as the Public Utilities Act requires the Village to cooperate with this request.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

2. Consider a Motion Authorizing a Groundwater Ordinance Prohibiting the Installation of Wells in a Defined Area (737 West Palatine Road) **- Approved by Voice Vote** (Council District: Two)

Public Works Director Matt Barry presented a request authorizing a groundwater ordinance prohibiting the installation of wells in a defined area at 737 W. Palatine Road which has been a dry cleaning facility since 1985. Preliminary subsurface investigation activities were performed at the site in 2004 to evaluate potential environmental concerns related to the historical dry cleaning operations. Testing revealed concentrations of certain volatile organic compounds were above groundwater remediation objectives. Remediation was performed on the site to reduce the contaminant concentrations and limit the extent of migration. No current wells are deemed at risk of contamination from the site. The IEPA has issued a letter approving a draft No Further Remediation Letter for the site, provided institutional controls limiting future basements and a ground water ordinance limitation are adopted. Even though the current Village Code would not permit the installation of new private wells, this ordinance is required by the IEPA in order to receive the No Further Remediation Letter. Staff recommends a motion authorizing an Ordinance prohibiting groundwater wells within the defined area.

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

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3. As Submitted -

Nothing was submitted.

D. BUSINESS FINANCE & BUDGET COMMITTEE

BRAD HELMS, CHAIRMAN

1. As Submitted -

Nothing was submitted.

E. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE

GREG SOLBERG, CHAIRMAN

1. As Submitted -

Nothing was submitted.

F. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE

SCOTT LAMERAND, CHAIRMAN

1. As Submitted -

Nothing was submitted.

VII. RECONVENE THE VILLAGE COUNCIL MEETING

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

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

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.

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

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

1. Consider a Motion to approve 2022 Warrant #4 **- Approved**

2. Consider an Ordinance Approving a Special Use and Variation for a Popeye's Restaurant, with a Drive-Through, at 1142 E. Dundee Road **- Approved** (Council District: Four)

   Ordinance #O-16-22

3. Discussion and Potential Motion to Authorize Actions Related to the Implementation of Outdoor Dining in Compliance with Restore Illinois Plan **- Approved**

4. Consider a Motion Authorizing the Village Manager to Execute a License Agreement with Level 3 Communications, LLC **- Approved**

5. Consider a Motion Authorizing a Groundwater Ordinance Prohibiting the Installation of Wells in a Defined Area (737 West Palatine Road) **- Approved** (Council District: Two)

   Ordinance #O-17-22

IX. REPORTS OF STANDING COMMITTEE

A. ADMINISTRATION, TECHNOLOGY & COMMUNITY HEALTH COMMITTEE

DOUG MYSLINSKI, CHAIRMAN

1. As Submitted **-**

   No Report

B. BUSINESS FINANCE & BUDGET COMMITTEE

BRAD HELMS, CHAIRMAN

1. As Submitted **-**

   No Report

C. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE

GREG SOLBERG, CHAIRMAN

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

1. As Submitted -

No Report

D. FIRE POLICY & COMMUNITY INFORMATION COMMITTEE

SCOTT LAMERAND, CHAIRMAN

1. As Submitted -

No Report

E. INFRASTRUCTURE & ENVIRONMENT COMMITTEE

TIM MILLAR, CHAIRMAN

1. As Submitted -

No Report

F. POLICE POLICY & CODE SERVICES COMMITTEE

KOLLIN KOZLOWSKI, CHAIRMAN

1. As Submitted -

No Report

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

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

XI. CLOSED SESSION AS REQUIRED

No Closed Session requested.

XII. RECOGNITION OF AUDIENCE

No one came forward.

XIII.ADJOURNMENT – Time: 7:39 PM

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

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Tim Millar, District 1 Councilman
SECONDER:	Kollin Kozlowski, District 5 Councilman
AYES:	Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Helms

SUBMITTED BY:

Margaret R. Duer
Village Clerk

Minutes Acceptance: Minutes of Feb 22, 2022 7:00 PM (APPROVAL OF MINUTES)

Presentation by Cook County Commissioner Scott Britton

This evening Cook County Commissioner Scott Britton will be attending the Village Council Meeting to provide a brief update on Cook County issues that directly impact the Village of Palatine and our residents.

Several specific topics Commissioner Britton will address include the resurfacing of Quentin Road from Northwest Highway to Lake Cook Road as well as the current status of the reconstruction of Quentin Road from Dundee to Lake Cook Road.

Consider an Ordinance Granting a Minor Planned Development Amendment to the Palatine Centre/Quest Academy at 3 - 47 E. Northwest Highway

BACKGROUND:
Quest Academy owns and operates the adjacent Palatine Centre shopping center (located at 3 - 47 E. Northwest Highway) which operates under a Planned Development ordinance. As part of that ordinance, there are limitations on Quest's use/occupancy of space within the shopping center. These limitations include that all student-related uses be located in the East Building (23 - 47 E. Northwest Highway). Quest has indicated they would like to expand some student uses into vacant tenant spaces within the West Building. Therefore, the Petitioner is requesting approval of the following:

> **A Minor Planned Development to Planned Development Ordinance #O-120-11 regarding the location of student uses within the Palatine Centre (3 - 47 E. Northwest Highway).**

KEY ISSUES:

- The Petitioner, Quest Academy, is seeking the ability to utilize two existing tenant spaces within the West Building for student uses. Condition 3(b) of the operative Planned Development Ordinance (#O-120-11) includes the following limitations:

  Student uses shall be strictly limited to the building directly west of the existing Quest School (23 - 47 E. Northwest Highway) (herein referred to as the "East Building"), and shall not occur in the western building (3 - 19 E. Northwest Highway) (herein referred to as the "West Building")

- In addition, the Planned Development Ordinance indicates that Quest Academy shall not occupy more than 50% of the entire Palatine Centre with Quest school/student related uses.

- As outlined in the attached letter, Quest Academy is looking to occupy Units 5 & 7 in the West Building for use as a multi-purpose room and an indoor lunch space for their middle school grades. In addition, they are also considering the expansion into Units 33/35 in the East Building following the expiration of the existing tenant's lease (Claude Thomas Salon & Spa).

- The Palatine Centre consists of two buildings, containing a total of 37,321 square feet. Quest Academy related uses currently occupy Units 37 - 47 (totaling 8,707 square feet, or 24%). The addition of Units 5 & 7 would increase the total to 12,394 square feet (or 33%), with the further addition of Unit 33/35 resulting in a total of 15,185 square feet (or 40.6%). Thus, with one or both of the proposed expansions into additional tenant spaces, the total square footage occupied would still fall below the existing maximum 50% school/student occupancy limitation.

- As you may recall, in 2021 the Village Council approved a minor amendment to the Planned Development to allow for the payment in lieu of taxes to the Village of Palatine. This payment would cover the portion of the real estate tax bill being

exempted that would otherwise be due and attributable to the Village had no exemption been applied. This amendment remains in place and would apply to any portion of the building for which Quest pursues a real estate exemption.

ALTERNATIVES:

1. Approve a minor amendment to the Palatine Centre Planned Development Ordinance #O-120-11.

2. Do not approve a minor amendment to Palatine Centre Planned Development Ordinance #O-120-11.

RECOMMENDATION:
Staff recommends approval of the Minor Amendment to Planned Development Ordinance #O-120-11.

ACTION REQUIRED:
A motion to approve the Minor Amendment to Planned Development Ordinance #O-120-11.

ATTACHMENTS:

- Palatine Centre - Quest Academy - ArcReader Document - VOP_GISViewer
- ORD - Quest Minor Planned Development Amendment
- Quest VOP Use Letter 2.18.22
- Quest Academy - Palatine Centre - Planned Development Ordinance
- Palatine Centre Plat of Survey

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Doug Myslinski, District 3 Councilman
SECONDER:	Scott Lamerand, District 2 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Village of Palatine GIS Viewer

Attachment: Palatine Centre - Quest Academy - ArcReader Document - VOP_GISViewer (2022-15 : Minor Amendment Palatine Centre - Quest

ORDINANCE NO. _____

AN ORDINANCE GRANTING
A MINOR PLANNED DEVELOPMENT AMENDMENT TO ORDINANCE #O-120-11
FOR PALATINE CENTRE AT 3 - 47 E. NORTHWEST HIGHWAY

WHEREAS, pursuant to the Village Council review at the March 7, 2022 Village Council meeting, and in accordance with the applicable provisions of the Village Code, the Committee has reported their findings on a proposal for a Minor Planned Development Amendment, pursuant to Section 13.07 (d) of the Village of Palatine Zoning Ordinance, as more fully described in the transmittal letter attached hereto, on the following legally described property, as also identified on the attached Plat of Survey:

The South 286.42 feet (except the east 183 feet and except the west 50 feet thereof) of that part of the West 40 rods lying south of the road and North of the South 40 rods of the Northwest Quarter of Section 14, Township 42 North, Range 10 East of the Third Principal Meridian in Cook County, Illinois.

Commonly known as 3-47 E. Northwest Highway – Palatine Centre shopping center (PIN# 02-14-101-018 and PIN# 02-14-101-023).

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 Minor Planned Development Amendment regarding the tax exempt status application requirements, pursuant to Section 13.07 (d) of the Village of Palatine Zoning Ordinance is hereby granted, subject to the following conditions:

1. **Quest Academy school and/or student related uses shall be allowed to occupy Units 5 & 7 in the West Building of the Palatine Centre (3 – 19 E.**

Attachment: ORD - Quest Minor Planned Development Amendment (2022-15 : Minor Amendment Palatine Centre - Quest Academy 3-47 E.

Northwest Highway) as outlined in the attached letter dated February 18, 2022.

2. **All other conditions and requirements of Ordinance #O-120-11, as amended, shall remain in full force and effect.**

SECTION 2: **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 - Quest Minor Planned Development Amendment (2022-15 : Minor Amendment Palatine Centre - Quest Academy 3-47 E.

Quest Academy

500 North Benton
Palatine, Illinois 60067
847.202.8035
847.202.8085 fax
www.questacademy.org

February 18, 2022

Michael Jacobs
Community Development Director
Village of Palatine
200 E. Wood Street
Palatine, IL. 60067

Dear Mr. Jacobs:

I am writing to you today to respectfully request approval of Quest Academy's proposed expansion into the West Building of the Palatine Centre.

We propose combined use of Unit 5 (vacant space) and Unit 7 (former Synergy Builders space) as a multi-purpose community room for student use. This highly adaptable, functional space would also serve as much needed indoor lunch space for our Middle School grades.

We are also considering expansion in the East Building into combined Units 33/35 (currently occupied by Claude Thomas Salon & Spa) when their lease expires September 2022. Although planning is still very preliminary, we anticipate potential use of this space as classroom or administrative offices.

It is our understanding that with addition of these units that Quest Academy would still comply with the total square footage occupancy limit.

Thank you in advance for consideration of Quest expansion into the West Building of the Palatine Centre.

Kind Regards,

Brian Frank

Head of School

Attachment: Quest VOP Use Letter 2.18.22 (2022-15 : Minor Amendment Palatine Centre - Quest Academy 3-47 E. Northwest Highway)

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

ORDINANCE NO. 0-120-11

AN ORDINANCE AMENDING PLANNED DEVELOPMENT ORDINANCE #0-80-72, AS AMENDED PALATINE CENTRE SHOPPING CENTRE 3-47 E. NORTHWEST HIGHWAY QUEST ACADEMY (CASE NO. 11-17)

Published in pamphlet form by authority of the
Mayor and Village Council of the Village of Palatine
on October 10, 2011

ORDINANCE NO. 0-120-11

AN ORDINANCE AMENDING
PLANNED DEVELOPMENT ORDINANCE #0-80-72, AS AMENDED
PALATINE CENTRE SHOPPING CENTRE
3-47 E. NORTHWEST HIGHWAY QUEST ACADEMY (CASE NO. 11-17)

WHEREAS, upon petition of owners of said property, hearings were held by the Village of Palatine on September 20, 2011 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 Planned Development Amendment to Planned Development Ordinance #O-80-72, as amended, to permit a change in the approved use list for the shopping center, on the following legally described property:

> The South 286.41 feet (Except the East 183 feet and except the west 50 feet thereof) of that part of the West 40 rods lying South of road and North of the South 40 rods of the Northwest Quarter of Section 14, Township 42 North, Range 10 East of the Third Principle Meridian in Cook County, Illinois.
>
> commonly known as Palatine Centre Shopping Center 3 – 47 E. Northwest Hwy. (PINs 02-14-101-018 & 02-14-101-023)

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

SECTION 1: That an Amendment to Planned Development Ordinance #O-80-72, as amended, to permit a change in the approved use list for the Palatine Centre use list, is hereby granted, subject to the following conditions:

1) The development shall substantially conform to the Survey prepared by Gentile and Associates. Inc. November 2010 attached hereto as Exhibit 'A' except as such plan may be changed to conform to Village Codes and Ordinances.
2) The Palatine Centre use list shall be updated to include those uses outlined in the B-2 Zoning District.
3) Excepting Quest's existing tenancy in Palatine Centre, which is presently on file with the Village Clerk, any future expansion into Palatine Centre by Quest shall be subject to the following terms and conditions:

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

a) Quest, or its affiliates or any other private school uses, shall not occupy more than 50% of the total square footage of Retail Tenant Space in Palatine Centre for any use. Retail Tenant Space shall be the building space located between 3 E. Northwest Highway and 47 E. Northwest Highway ("Retail Tenant Space"). Per the rent roll provided by the current property owner, the total net square footage of Retail Tenant Space is 37,321 s.f.

b) Student uses shall be strictly limited to the building directly west of the existing Quest School (23 E. through 47 E. Northwest Highway) (herein referred to as the "East Building"), and shall not occur in the western building (3-19 E. Northwest Highway) (herein referred to as the "West Building"), as more particularly shown on the site plan attached hereto as Exhibit A. Quest's existing use of the East Building includes an office and band use at 43 - 45 E. Northwest Highway and a pre-school use at 23 - 25 E. Northwest Highway. With respect to future expansions by Quest:

i) any non-student use (for example, without limitation, storage, office, faculty lounge, etc.) proposed by Quest may be located in any Retail Tenant Space regardless of whether such non-student use is contiguous to any other then existing Quest use;

ii) any new student use proposed by Quest in the East Building which, together with any other then existing student use by Quest, does not exceed 35% of all Retail Tenant Space (with the foregoing percentage calculated as a fraction, the numerator of which will be the total square footage of all student uses by Quest in the East Building and the denominator of which will be the total square footage of all Retail Tenant Space) shall be contiguous in either direction to any then existing school use in the East Building; and

iii) any new student use by Quest in the East Building which, together with any other then existing student use by Quest, exceeds 35% of all Retail Tenant Space (with such percentage calculated in the same manner provided in Item 3(b)(ii) above), in addition to any other applicable conditions herein, shall require Quest to relocate its student uses in the East Building to the easternmost portion of the East Building such that Quest's student use occupies at least 2 of 43, 45 and 47 E. Northwest Highway, and that Quest's student uses after such relocation are contiguous to one another.

iv) Any request for relief from the relocation requirement of this Ordinance shall be made directly to the Village Council.

c) Any expansion by Quest to the Retail Tenant Space shall be limited to classroom, storage, or administrative offices and not include any assembly

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

areas. Further, the expansion into any Retail Tenant Space shall not be to add assembly area to the existing school building.

d) Due to the increased parking requirements, any proposed assembly occupancy, regardless of whether it is in the existing school building or part of the 50% portion of the Retail Tenant Space, shall require a Planned Development Amendment approved by the Village Council.

e) Prior to the application for a building permit, if required, or any actual expansion into the Retail Tenant Space, as permitted regardless of whether it is within the 50% allowable space, Quest or its affiliates shall send written notice to the Village Manager of its intent to further expand.

f) At such point as Quest's occupancy reaches 35% of the Retail Tenant Space, Quest, in addition to any other required documents and plans, shall provide a traffic management and parking plans and any other information as requested by the Village Manager prior to any further expansion to the 50% threshold. Said plan shall outline and address the traffic flows within the parking and drop-off areas and specify the safe routes for orderly pick up and drop off points for students and faculty. The plan shall also identify required parking demands for any expanded use beyond the 35% occupancy level. The purpose of this plan is to ensure that the other tenants and surrounding properties are not adversely impacted by Quest's traffic activities. The Village Manager shall review and either approve the plans or have the right to impose any conditions deemed appropriate prior to any expansion beyond 35% of the Retail Tenant Space but not more than 50% of the Retail Tenant Space.

g) As requested, Quest or its representatives, shall provide a current tenant and occupancy listing to the Village Manager, to ensure compliance with the Planned Development ordinance requirements.

h) At such time, if ever, as Quest Academy's enrollment at the Retail Tenant Space including adjacent facilities exceeds 336 students, no Retail Tenant Space in addition to that then used for school uses shall be permitted for school use. For purposes of this Ordinance "school use" shall mean any use by an enrolled student of Quest Academy or faculty or volunteers of Quest Academy.

i) Any and all other provisions of the Village Code of Ordinances including but not limited to the life safety provisions and building code regulations will remain in full force and effect and are not impacted by this PUD Amendment.

j) Prior to any application for tax exempt status for any or a part of the Retail Tenant Space by Quest and/or the owner of the Retail Tenant Space, Quest

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

and/or the owner of the Retail Tenant Space shall seek Village Council review and approval. The Village reserves the right to impose additional conditions in the event of any such application.

SECTION 2: The petition, a copy of the public notice and minutes of the Plan Commission are attached hereto and form a part hereof.

SECTION 3: This Ordinance shall be in full force and effect from and after is passage and approval as provided by law.

PASSED: This 10 day of October, 2011

AYES: 6 NAYS: 0 ABSENT: 0 PASS: 0

APPROVED by me this 10 day of October, 2011

Mayor of the Village of Palatine
Pro Tem

ATTESTED and FILED in the office of the Village Clerk
this 10 day of October, 2011

Village Clerk

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

ALTA/ACSM LAND TITLE SURVEY

BY

GENTILE AND ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS

THE SOUTH 286.41 FEET (EXCEPT THE EAST 183.0 FEET EXCEPT THE WEST 50.0 FEET THEREOF) OF THAT PART OF THE WEST 40 RODS LYING SOUTH OF ROAD AND NORTH OF THE SOUTH 40 RODS OF THE NORTHWEST 1/4 OF SECTION 14, TOWNSHIP 42 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

CONTAINING: 123,919.23 SQ. FT. (2.84 ACRES)

PROPERTY COMMONLY KNOWN AS: 3-47 E. NORTHWEST HIGHWAY, PALATINE, ILLINOIS.

EXHIBIT 'A'

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

Exhibit A

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

Requested Amendments - Quest School

1. Amend Planned Development Ordinance 0-80-72 as follows:

A. Add to the list of Permitted Uses:

Private school and accessory offices
Any use now or hereafter a Permitted Use under the Village's B-2 zoning district
Day care facility
Pre-school center
Early childhood development center
Art studio
Martial arts school
After school recreational and/or educational facility
Fitness center
Fitness equipment sales and service
Spa, day
Offices, brokers
Dental laboratory
Educational materials store
Acting school
Electronics store, sales and/or service, hardware and/or software
Sandwich Shop
Offices, not-for-profit organizations
Café

B. Add to the list of Special Uses:

Unique or new uses, provided that the use complies with the intent of the Village's B-2 zoning district
Any use not a Permitted Use now or hereafter a Special Use under the Village's B-2 zoning district

2. Amend Planned Development Ordinance 0-25-83 (Plum Grove Office Park) as follows:

A. Approve site plan for affected property

B. Add to the list of Permitted Uses:

Private school
Ball field, with or without accessory electronic scoreboard and bleachers
Hard surface play area, which may include basketball, handball, tennis and/or other athletic courts
Outdoor school "classrooms"

EXHIBIT 'B'

Outdoor school assembly
Garden
Refreshment stand, accessory to other Permitted Uses
Enclosed equipment storage, accessory to other Permitted Uses
Non-accessory off-street parking

EXHIBIT 'B'

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

Quest Academy

March 17, 2011

Statement of Proposed Land Use

In its current configuration, Quest Academy is "land-locked." It has hardly any opportunities to accommodate student learning needs that require outdoor space, and limited opportunities to expand. To address this situation, Quest Academy is a party to a pair of contracts to acquire parcels of land in the immediate vicinity of the school. This document describes the parcels of land involved, and the school's intended uses of those spaces as currently envisioned.

One contract involves land which is currently undeveloped. The land consists of three parcels, which are described in detail in documents elsewhere in this submittal. In layman's terms, it is the undeveloped space just south of Northwest Highway, bounded by Plum Grove on the east and Brockway on the west. For the purposes of this document, this land will be referred to as the "Green Space".

The second contract involves land immediately adjacent to Quest Academy ("Quest") which has been developed into a retail strip-center – herein referred to as the "Retail Plaza." This parcel is also detailed in documents elsewhere in this submittal.

Following is a brief summary of our intended uses of these two areas.

Green Space

Quest is interested in developing the 3.68 acre Green Space parcels of land as outdoor education space designed to meet the needs of our a) Physical Education/Athletics department; b) our Science department; and c) community events.

Physical Education/Athletics: First and foremost, we propose an athletic field to accommodate both physical education classes during school hours and athletic events that would not last beyond daylight hours. This athletic field would be designed as a soccer field, but may also be used for alternative sports such as football, baseball, field hockey, field and track, or lacrosse during school hours (8:00 a.m. – 3:30 p.m.) as part of our Physical Education curriculum. The field would be used for interscholastic athletic competition during after school hours (3:30 p.m. – dusk) and occasionally on weekends. To support this usage, Quest may place an electronic scoreboard at the edge of the athletic field.

In a black-topped area on the eastern portion of the parcel, Quest would place a reduced-scale black-top basketball court to be used during school hours as part of our Physical Education program, and parking spaces to accommodate players' families/spectators, as well as serve as overflow for regular school events (up to 86 spaces).

To support these uses, we propose the construction of a field house to accommodate restrooms, storage space for athletic and science equipment, and a snack bar.

Science Outdoor Education: Quest believes its academic program can be substantially enhanced with outdoor educational opportunities. We plan the eventual inclusion of up to ten gardening areas to teach our students about botany, as well as a pavilion or amphitheatre space to assemble science classes and teach botany. This space could hold up to 50 persons.

Community Events: Quest also anticipates occasional use of the entire parcel for school community events such as a field day, and the possible partnering with the Palatine Parks & Recreation Department and other local civic organizations to share our space. This may result in occasional weekend use.

Other considerations: To better control the space and improve safety for students, Quest proposes striping a pedestrian zone across Plum Grove Road with installation of a yellow caution light that may be activated by Quest Academy staff when students are crossing Plum Grove Road, fencing and/or appropriate landscaping around the entire parcel, and walkways originating from the parking lot to the outdoor science education area and athletic field and track.

Retail Plaza

Quest is interested in acquiring the adjacent retail plaza for two reasons. First, it believes that, with the resources of the Quest community, the retail center can be turned into a much-more viable retailing center than it currently has become. As owners of the facility, the Quest community can be involved in bringing new businesses to the center, and helping to ensure their success once there. The improvement in the long-term profitability and public image of the center would bring substantial benefits to Quest.

Second, Quest believes it is in its long-term interest to ensure that, should the need arise, Quest can expand its academic facilities near to its current site. Proximity offers the best chance for a seamless, high quality expansion if the need develops in the future.

Quest recognizes, however, that piecemeal expansion of its academic program into the current plaza could jeopardize the creation of a vibrant, successful retail operation. Accordingly, it does not seek the immediate ability to expand into any additional store-fronts than it currently rents in the plaza. It may, however, utilize some of the non-retailing office space in the southwest corner of the plaza if empty space becomes available. Over the longer term, Quest might occupy up to two additional store-fronts once the retail performance of the plaza has been improved and, in its judgment, Quest's use of additional space would not jeopardize this improved retail performance. Someday, if sustained demand arises, Quest would be in a position to re-develop the entire parcel as an expansion of the school.

The Quest community looks forward to working with the Village of Palatine on the use of these spaces in ways that better the community, and we welcome your feedback in these matters.

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

ORDINANCE NO. O-15-93

AN ORDINANCE
AMENDING SPECIAL USE ORDINANCE O-80-72
THE PALATINE CENTER 3-47 E. NORTHWEST HWY.

WHEREAS, Ordinance O-80-72 granted a Special Use for a Planned Development; and

WHEREAS, Ordinance O-97-81 amended Ordinance O-80-72 as to the list of permitted uses; and

WHEREAS, hearings were held by the Plan Commission of the Village of Palatine on February 3, 1993 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 written report to the President and Board of Trustees of the Village of Palatine, on a petition to amend the aforesaid special use to add "Catering-Delicatessen" to the list of Permitted Uses, for property legally described as follows:

> Of the South 286.41 feet (except the East 183.0 feet and except the West 50.0 feet thereof) of that part of the West 40 rods lying South of road and North of the South 40 rods of the Northwest Quarter of Section 14, Township 42 North, Range 10 East of the Third Principal meridian in Cook County, Illinois.
>
> Commonly known as 3 to 47 E. Northwest Highway (Palatine Center)

NOW, THEREFORE, BE IT ORDAINED, by the President and Board of Trustees of the Village of Palatine, Illinois, acting in the exercise of their home rule power:

SECTION 1: That Ordinance O-80-72, as amended by Ordinance O-97-81, be amended by revising the list of Permitted Uses for the shopping center or retail business portion of the Planned Development to include "Catering-Delicatessen" as indicated on the list of Permitted Uses attached hereto as Exhibit "A" and made a part hereof.

SECTION 2: That the petition for amendment of the special use, a copy of the public notice, and the report of the Plan Commission reporting on this petition be attached hereto and form a part of this ordinance.

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

SECTION 3: All other provisions of said Ordinance, as amended, shall remain in full force and effect. This Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

PASSED: This 23rd day of February, 1993

AYES: 4 NAYS: 0 ABSENT: 1 PASS: 1

APPROVED by me this 23rd day of February, 1993

President of the Village of Palatine

ATTESTED and FILED in the office of the Village Clerk this 23rd day of February, 1993

Village Clerk

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

PERMITTED USES:

Retail Business Uses:

Antique shops
Appliance stores
Art galleries
Art Supply Stores
Bicycle sales and repair shops
Book and stationery stores
Business machine sales & svce.
Camera and photographic supply stores
Candy and confectionery stores
Carpet and rug stores
Catering-Delicatessen; which may include consumption of food on the premises with no more than 4 tables and 16 chairs and open no later than 11:00 P.M., any day of the week.
China and glassware stores
Coin, philatelic, stamp, and numismatic stores
Drapery stores
Drug stores and pharmacies
Dry goods stores
Electrical and household appliance stores
Florist shops and conservatories
Financial Institutions
Furniture stores, including upholstering when conducted as part of the retail operations and secondary to the principal use
Furrier shops, including the incidental storage and conditioning of furs
Gift shops
Haberdasheries
Hardware stores
Hearing aid stores
Hobby shops
Jewelry stores
Leather goods and luggage store
Linoleum and tile stores
Millinery shops
Musical instrument sales and repair
Notions stores
Office supply stores
Optician sales; retail
Orthopedic and medical appliance stores, but not including the assembly or manufacture of such articles
Orthopedic brace and limb fitting and assembly
Package liquor stores
Paint and wallpaper stores
Picture framing; when conducted for on-premise retail trade
Phonograph record, tape, and sheet music stores
Radio and television sales
School supply stores
Shoe stores
Sporting goods stores
Taxidermists
Tobacco shops
Toy stores
Trading stamp stores
Wearing apparel shops

Service Uses:

Artists' studios
Barber shops
Beauty parlors
Clothes-pressing establishments
Currency exchanges
Interior Decorating studios, including upholstering and making of draperies, slip covers, and other similar articles, when conducted as part of the retail operations and secondary to the principal use.
Locksmith shops
Photographic studios
Radio service and repair shops
Recording studios
Shoe, clothing, and hat repair stores
Tailor and dress-making shops
Telegraph offices
Television service and repair shops
Ticket agencies; amusement
Travel agencies and bureaus and transportation ticket offices (no Bus Depot)

Religious Institutions:

Religious reading rooms

SPECIAL USES:

Ice Cream stores
Medical Laboratories

Office Uses:

Accounting, auditing, and bookkeeping offices
Architect's offices
Attorney and law offices
Chamber of commerce
Chiropodist's office
Chiropractor's offices
Dental clinic
Dentist's offices
Detective agencies
Doctor's, Surgeon's and/or physician's offices
Employment agencies
Engineer's offices
Insurance agencies
Land surveyor's offices
Landscape architectural services
Medical Clinics
Merchant's associations
Optician's office
Osteopath's office
Political organization offices
Real estate offices
Secretarial services
Security and commodity brokers

Public Buildings:

Public Library (limited to 16,300 sq. ft. per floor)

EXHIBIT "A"

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

Attachment: Quest Academy - Palatine Centre - Planned Development Ordinance (2022-15 : Minor Amendment Palatine Centre - Quest

EXHIBIT 'A'

ALTA/ACSM LAND TITLE SURVEY

BY

GENTILE AND ASSOCIATES, INC.

PROFESSIONAL LAND SURVEYORS

THE SOUTH 286.41 FEET (EXCEPT THE EAST 183.0 FEET EXCEPT THE WEST 50.0 FEET THEREOF) OF THAT PART OF THE WEST 40 RODS LYING SOUTH OF ROAD AND NORTH OF THE SOUTH 40 RODS OF THE NORTHWEST 1/4 OF SECTION 14, TOWNSHIP 42 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

CONTAINING: 123,919.23 SQ. FT. (2.84 ACRES)

PROPERTY COMMONLY KNOWN AS: 3-47 E. NORTHWEST HIGHWAY, PALATINE, ILLINOIS.

PLUM GROVE ROAD

ASPHALT

EXCEPTION (THE W. 50' OF THAT PART OF THE W. 40 RODS OF THE NW 1/4 OF SEC. 14-42-10)

W. LINE OF THE NW 1/4 OF SEC. 14-42-10

E. LINE OF THE W. 50' OF THE W. 40 RODS (660') OF THE NW 1/4 OF SEC. 14-42-10

POINT 287' N. OF THE S. LINE OF SUBJECT PROP. PER EXH. "A" PER DOC. 25480253 & DOC. 25616942

FOUND IRON PIPE 0.09' W. & 0.03' S.

GRAPHIC SCALE

1 inch = 20 ft.

BASE SCALE: 1 INCH = 20 FEET
DISTANCES ARE MARKED IN FEET AND DECIMAL PARTS THEREOF
ORDERED BY: GENTILE AND ASSOCIATES, INC.
SURVEYED BY: 4-24-13
DRAWN BY: VAF/AMG
CHECKED BY: FJG/JFG

COMPARE ALL POINTS BEFORE BUILDING BY SAME AND AT ONCE REPORT ANY DIFFERENCE BEFORE DAMAGE OCCURS. THIS PLAT DOES NOT PURPORT TO REFLECT ALL EASEMENTS, SHOWN HEREON REFER TO YOUR ABSTRACT, DEED, CONTRACT AND ZONING ORDINANCE.

ORDER NO. 19-20002

NOTES:

UPON INSPECTION OF FLOOD INSURANCE MAP NO. 17031C0181J, EFFECTIVE DATE AUGUST 19, 2008, IT APPEARS THAT THE SUBJECT PROPERTY SHOWN HEREON LIES WITH ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOOD).

TO:

STATE OF ILLINOIS) COUNTY OF DUPAGE) S.S.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS," JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(a), 7(a), 7(b)(1), 7(c), 8, 9, 10, 11(a), 13, 14, 16, 17, 18, 19 AND 20 OF TABLE "A" THEREOF. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA AND NSPS AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, UNDERSIGNED FURTHER CERTIFIES THAT I AM IN MY PROFESSIONAL OPINION, AS A LAND SURVEYOR REGISTERED IN THE STATE OF ILLINOIS, THE RELATIVE POSITIONAL ACCURACY OF THIS SURVEY DOES NOT EXCEED THAT WHICH IS SPECIFIED THEREIN.

GIVEN UNDER MY HAND AND SEAL THIS 17TH DAY OF NOVEMBER, A.D. 20 19.

SIGNED:

FRANK J. GENTILE
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2781
MY LICENSE EXPIRES NOVEMBER 30, 2019
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184.002270

LEGEND

- UTILITY POLE
- LIGHT STANDARD
- SIGN POST
- FIRE HYDRANT
- WATER SERVICE SHUTOFF VALVE
- WATER VALVE VAULT
- CLOSED COVER DRAINAGE STRUCTURE
- OPEN COVER DRAINAGE STRUCTURE
- CURB INLET/CATCH BASIN
- SANITARY SEWER MANHOLE
- GAS SERVICE SHUTOFF VALVE
- WATER SHUTOFF VALVE BOX & COVER
- TREE WITH TRUNK DIAM. SIZE

Attachment: Palatine Centre Plat of Survey (2022-15 : Minor Amendment Palatine Centre - Quest Academy 3-47 E. Northwest Highway)

Consider an Ordinance Granting a Final Planned Development for Carraig Subdivision at 274 & 286 W. Michigan Avenue

BACKGROUND:
The Subject Property contains two existing lots (totaling 2.75 acres) and is zoned Planned Development. It was approved (March 13, 2017) for a 6-lot single-family subdivision. The Planned Development expired (March 13, 2020), without any development activity. Therefore, the Petitioner is requesting approval of the following:

Final Planned Development for a 6-lot single-family residential development.

KEY ISSUES:

- The Carraig Subdivision Planned Development is located between Arcadia and Arcadia West Subdivisions. It will complete the development within the Michigan Avenue Sub Area Plan and also extend Preswick Street.

- The engineering plans again propose a separate detention basin for Carraig Subdivision, which is consistent with the 2017 petition. When Arcadia West was approved in 2017, its detention basin was oversized to potentially accommodate Carraig Subdivsion. Staff is again taking a neutral position on the Carraig detention, to allow the Arcadia West detention capacity to be reviewed.

- After submitting final detention calculations (Carraig), Staff can review the Arcadia West basin capacity and determine the feasibility of eliminating/reducing this basin. Volume control is still required, but eliminating the basin could allow the following changes: 1) a separate HOA for the detention would not be required, with reduced maintenance responsibilities ; and 2) fencing restrictions would not be required. This is a policy decision for the Village Council. If there is capacity within Arcadia West, the Petitioner would be required to participate with the Arcadia West HOA.

- Two surrounding property owners submitted maintenance e-mail concerns about the existing structures. They have not been occupied for at least the last 3 years. Staff is recommending a condition that the Petitioner schedule their demolition, no later than August 31, 2022.

ALTERNATIVES:

1. Approve the Carraig Subdivision Final Planned Development.
2. Do not approve the Carraig Subdivision Final Planned Development.

RECOMMENDATION:

Public Hearing:	Plan Commission - March 1, 2022
Residents testifying:	None
Vote:	The Plan Commission voted unanimously to recommend approval of the Carraig Subdivision Final Planned Development at 274 & 286 W. Michigan Avenue. Staff concurs with this recommendation.

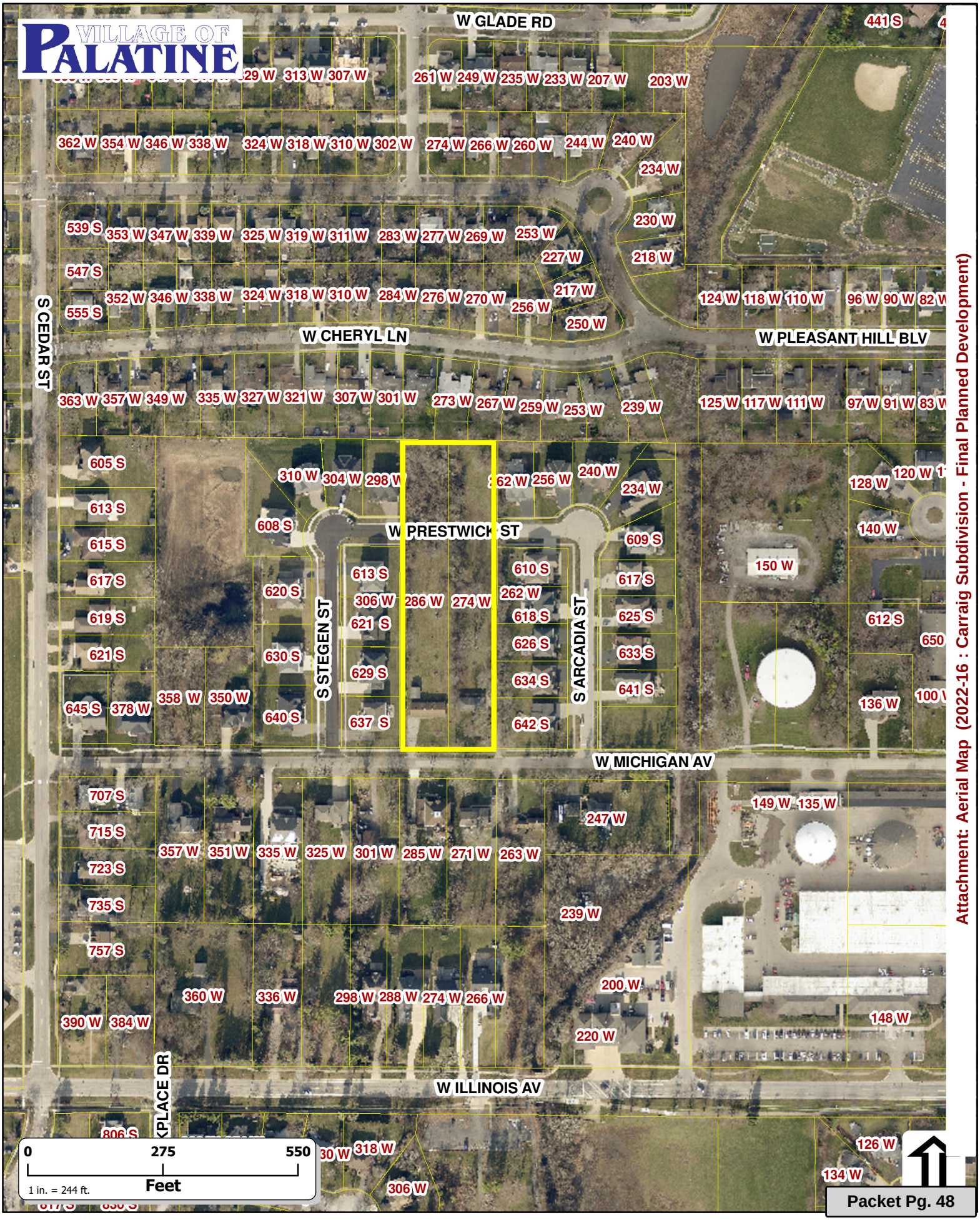
ACTION REQUIRED:
A motion to approve the Final Planned Development for Carraig Subdivision at 274 & 286 W. Michigan Avenue.

ATTACHMENTS:

- Aerial Map
- ORD Carraig Subdivision Final Planned Development
- EXHIBIT - Civil Engineering Plans
- EXHIBIT - Site Plan Color
- Carraig SUB - Plan Commission materials, including resident complaints and Public Notice
- Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue
- 03-01-22 Plan Commission DRAFT minutes - Carraig Final Planned Development

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Tim Millar, District 1 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Village of Palatine GIS Viewer



Attachment: Aerial Map (2022-16 : Carraig Subdivision - Final Planned Development)

ORDINANCE NO. _____

AN ORDINANCE GRANTING FINAL PLANNED DEVELOPMENT APPROVAL FOR 274 & 286 W. MICHIGAN AVENUE (CARRAIG SUBDIVISION)

WHEREAS, upon petition of owners of said property, hearings were held by the Plan Commission of the Village of Palatine on March 1, 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 the reinstatement of a 6-lot single-family residential development, on the following legally described property:

LOT 2 (EXCEPT THE EAST ½ THEREOF) AND LOT 3 (EXCEPT THE WEST ½ THEREOF) AND THE VACATED SOUTH ½ OF GILBERT ROAD AND THE VACATED PORTION OF W. MICHIGAN AVENUNE, BOTH ADJOINING LOTS 2 AND 3, IN ARTHUR T. MCINTOSH AND COMPANY'S PLUM GROVE FARMS BEING A SUBDIVISION OF THE SOUTHWEST ¼ OF THE SOUTHEAST ¼ OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

commonly known as 274 and 286 W. Michigan Avenue

PIN: #s 02-22-406-020-0000 and 02-22-406-025-0000

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 Final Planned Development approval to permit a 6-lot single-family residential development, is hereby granted, subject to the following conditions:

1. **The development shall substantially conform to the engineering plans prepared by Groundwork LTD dated 10/03/16 and last revised 01/20/17 except as such plans may be changed to conform to Village Codes and Regulations.**

2. **All future residences shall follow the Village's R-1B zoning standards.**

3. **Within the Subject Property, no privacy fencing shall be permitted abutting the detention basin or the access easement to the detention basin. All fencing shall be of an open wrought iron style fencing in these areas.**

4. **A Homeowners Association shall be created for the maintenance of the detention outlot and the access easement. It shall include conditions**

Attachment: ORD Carraig Subdivision Final Planned Development (2022-16 : Carraig Subdivision - Final Planned Development)

related to the fencing restrictions outlined in condition number 3 of this ordinance and maintenance of the landscape plan attached to the engineering plans. It shall also include a requirement to perform a maintenance inspection for the detention outlot the earlier of every 5 years or at an interval required by MWRD. The HOA Declarations must be approved by the Village Attorney prior to the recording of the Plat of Subdivision or the issuance of any permits.

5. The final engineering plans shall be revised in a manner acceptable to the Village Engineer. If it is determined that the basin at Arcadia West is sufficient for the needs of the neighborhood, conditions 3 and 4 could be stricken or revised to reflect the revised detention area and outlot to account for the necessary volume control.

6. If there are dimensional changes or revisions to the outlot, affecting Lots 1-4 in the Carraig Plat of Subdivision, said changes may be reviewed and administratively approved by the Village Manager and Village Attorney.

7. The Petitioner shall complete the demolition of the two existing homes, no later than August 31, 2022, unless otherwise agreed to by the Village Manager.

7. A Planned Development letter of credit in amount of $60,000 ($10,000 per lot, per Article 14 of the Zoning Ordinance) shall be submitted.

8. A Public Improvement letter of credit in the amount of $385,983.40 (or other Village Engineer approved amount based upon any accepted changes to the EEOC) shall be submitted in a manner acceptable to the Village Engineer.

9. Review fees, based upon the finally accepted EEOC, shall be submitted in a manner acceptable to the Village Engineer shall be submitted.

10. A construction traffic management plan shall be submitted in a manner acceptable to the Directors of Public Works and Planning and Zoning. This traffic management plan shall outline the proposed development schedule and identify the material delivery routes and proposed parking areas for the contractors, prior to the completion of Prestwick Street. A component of this plan shall also include an initial notification, by standard mail, to the residents on the south side of W. Michigan Avenue (263, 271, 285, 301, 325, 335, 351, and 357) once the initial site development schedule is known.

12. MWRD, NPDES, and IEPA permits shall be submitted.

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.

Attachment: ORD Carraig Subdivision Final Planned Development (2022-16 : Carraig Subdivision - Final Planned Development)

ORDINANCE NO. _____

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

PASSED: This _____day of March 2022

AYES: _____NAYS:_____ ABSENT:_____ PASS: _____

APPROVED by me this _____ day of March 2022

_____

Mayor of the Village of Palatine

ATTESTED and FILED in the office of the Village Clerk this _____day of March 2022.

_____

Village Clerk

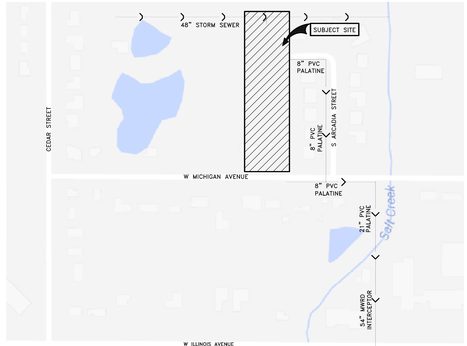
Attachment: ORD Carraig Subdivision Final Planned Development (2022-16 : Carraig Subdivision - Final Planned Development)

ENGINEERING PLAN FOR DEVELOPMENT

274 & 286 W. MICHIGAN AVENUE
PALATINE, ILLINOIS

OWNER:

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631



LOCATION MAP

NO SCALE

STANDARD LEGEND

EXISTING	DESCRIPTION	PROPOSED
690	Contours	690
ES"SA	Sanitary Sewer (Size As Indicated)	
E12"ST	Storm Sewer (Size As Indicated)	
E6"W	Watermain (Size As Indicated)	W W
	Top of Foundation Elevation	TF XXX.XX
	Finish Grade Elevation	FG XXX.XX
X 693.26	Spot Elevations	X 693.26
	Power Pole	
	Utility Pole	
	Street Light	
	Utility Crossing	
	Fire Hydrant with Auxiliary Valve	
	Water Buffalo/Box	B-8
	Watermain Valve Vault	
	Gas Valve	
E	Electric Manhole	E
T	Telephone Manhole	T
	Catch Basin (Type A)	
	Sanitary Clean Out	
	Sanitary Sewer Manhole	
	Storm Sewer Manhole	
	Storm Sewer Inlet (Type A)	
	Depressed Curb	
	Headwall	
	Flared End Section	
	Deciduous Tree	
	Coniferous Tree	
	Tree to be Saved	OR
	Tree to be Removed	OR
	Minor Drainage Route	
	Summit	
	Swale	
	Pond Over Flow	
	Major Flood Route to Pond	

EXISTING	DESCRIPTION	PROPOSED
	Straw Bale Inlet Protection	
	Inlet Filter Basket	
G	Gas Line	G G
	Wood Fence	
	Chain Link Fence	
X	Wire Fence	X X
W	Water Service	W W
	Sanitary Service	
	Storm Service	
	Silt Fence	SF
T	Telephone Line	T T
E	Electric Line	E E
	Cable TV Line	CATV

LEGEND

MH-1 737.00 724.8± = Proposed Sanitary Manhole (rim / Invert)

MH-S 736.00 729.64 = Proposed Storm Sewer Structure (rim / Invert)

OS # 1 = Outlet Structure # 1

PROJECT BENCHMARK

Provided By: Per Plans by Spies & Associates, Inc.

Source & Job Benchmark:
Chiseled square on southeast corner of the headwall approximately 75 South of the Public Works Entrance.
U.S.G.S./ Elevation = 731.71

WARNING

CALL J.U.L.I.E. TOLL FREE 1-800-892-0123

CALL BEFORE YOU DIG

(48 HOURS NOTICE REQUIRED PRIOR TO DIGGING)

NOTE:

Contractor To Take Special Care To Locate And Avoid Existing Utilities. Engineer Shall Be Notified Of Any Conflict Prior To Construction.

GENERAL NOTES:

1. All work, including the earthwork, paving, water, sewer and underground utility improvements, shall be constructed and tested in accordance with the following Standard Specifications, as applicable, except as modified by these specifications or by the local municipality. These Standard Specifications include, but are not limited to the following:
   a. "Standard Specifications for Water and Sewer Main Construction in Illinois", (SSWSMCI) latest edition;
   b. "Standard Specifications for Road and Bridge Construction," (SSRBC) and all addenda thereto, as prepared by IDOT (the Illinois Department of Transportation), latest edition;
   c. The "Illinois Manual on Uniform Traffic Control Devices" (IMUTCD) as prepared by IDOT, latest edition;
   d. the Standard Specifications and construction details and ordinances of the MWRD;
   e. American Society for Testing and Materials (ASTM);
   f. American Water Works Association (AWWA);
   g. Illinois State Plumbing code, latest edition;
   h. the Illinois Urban Manual (IUM), as maintained by the Association of Illinois Soil and Water Conservation Districts;
   i. the Subdivision and Development Codes / Ordinances, the Standard Specifications and the construction details and notes of the Village of Palatine, as published by the Municipality;
   j. Pavement design shall conform to the Village of Palatine Code of Ordinances-Appendix B - Subdivisions, S.03. Street Pavement Standards;
   k. the requirements of the IEPA (Illinois Environmental Protection Agency);
   l. and any other applicable codes or ordinances. Contractor to verify additional requirements and standard details directly with the Village prior to construction and incorporate into the project.
2. In case of conflict in the ordinances, the Village development ordinance and other Village requirements shall control on site
3. The Contractor shall comply with all State and Federal Safety Regulations as outlined in the latest revisions of the Federal Construction Safety Standards (Series 26) and with applicable provisions and regulations of the Occupational Safety and Health Administration.
4. Notice shall be given by the Contractor, at least 48 hours prior to commencement of the work, to the following entities:
   a. Village of Palatine (847) 359-9049
   b. Commonwealth Edison
   c. North Shore Gas
   d. SBC
   e. Groundwork, Ltd. (847) 541-4151
   f. These contact numbers are provided for convenience purposes only. It is the responsibility of the Contractor to make the proper notification, even if the provided numbers change or become inoperable.
5. Electric, telephone, natural gas, cable and other utility companies including the Village of Palatine may have underground and/or overhead service facilities in the vicinity of the proposed work. The Contractor shall be responsible for the location and verification of all existing utilities prior to construction and 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 Contractor shall contact J.U.L.I.E. at (811) or (800) 892-0123 at least 48 hours prior to start of work for utility locations, and shall coordinate all work with any other applicable public utility companies. All other agencies shall also be notified as required. In case of conflict, the Contractor shall contact the Engineer at once.
6. Locations of existing underground utilities as indicated on the plans are approximate and are based on existing records and the best available information. The Contractor shall not rely upon the accuracy of the utility information indicated on these plans. Contractor shall field verify all existing utilities (locations, dimensions, elevations, etc.) that are affected by the work prior to the commencement of construction of the improvements and shall be responsible for any damage thereto. Contractor shall exercise caution in all locations of existing utilities. Notify the engineer immediately if discrepancies are found.
7. Existing information shown on drawing is from the Plat of Survey from information prepared by John M. Henriksen, Surveyor, and is available from Owner. Other topographic and site information is from plans prepared by Spies and Associates, Inc. for plans that were prepared for "Arcadia West" and the "Arcadia Subdivision."
8. Contractor shall review geotechnical investigation prepared by Soil Investigation, Itasca, Illinois dated 10/27/2016. Copy of report is available from Owner.
9. Existing Conditions are shown as half-toned on the plans.
10. All dimensions are to back of curb or edge of pavement unless otherwise noted.
11. The work shall be subject to inspection by State and Local Authorities under whose jurisdiction the work falls.
12. The Contractor is responsible for obtaining all necessary permits, including from the State, County and Village.
13. All areas disturbed by construction shall be restored per Village of Palatine requirements.
14. See "Soil Erosion and Sedimentation Control Notes" as part of these plans for additional information.
15. The Contractor shall indemnify Groundwork, Ltd., and the Village of Palatine and their agents, from all liability involved with the construction, installation and testing of work associated with this project.
16. Errors and omissions in reviewing the plans and or specifications shall not relieve the Contractor from constructing the improvements per Village requirements.
17. No material storage / stockpiles within 10' of perimeter lot lines.
18. Portable toilet on site shall not be located within 10' of perimeter lot lines.
19. Provide lot line staking at 50' intervals.
20. Provide construction signs on property, visible from street.
21. Provide water tank or water truck for water source during demolition and construction, when needed.

INDEX

LAST REV.	SHEET NO.	DESCRIPTION
11/18/21	C0.0	COVER SHEET
05/01/17	C1.0	DEMOLITION PLAN
01/20/17	C2.0	PAVING PLAN
01/20/17	C3.0	GRADING PLAN
01/20/17	C3.0A	GRADING PLAN ALTERNATE
11/18/21	C4.0	UTILITY PLAN
05/01/17	C7.0	WATER AND SANITARY SEWER PROFILE
11/23/16	C8.0	NOTES
05/01/17	C9.0	DETAILS
05/01/17	C9.1	DETAILS
01/20/17	C9.2	DETAILS
05/01/17	C10.0	EROSION CONTROL PLAN
11/23/16	C10.1	EROSION CONTROL DETAILS

4

To the best of my knowledge and belief, the drainage of the surface waters will not be changed by the proposed development. If any drainage patterns will be changed, reasonable provisions have been made for the collection and diversion of such surface waters in to the public area, or drains approved for the use by the municipal engineer, and such surface waters are planned for in accordance with generally accepted engineering practices so as to reduce the likelihood of damages to adjoining properties.

Groundwork, LTD plans prepared by and/or under the direct supervision of: 11/18/21

Marek K. Klonowski
Licensed Professional Engineer of Illinois
062-046900,
Expires : 11-30-21

LICENSED PROFESSIONAL ENGINEER * MAREK K. KLONOWSKI 062-046900 * STATE OF ILLINOIS

ARCHITECTS PLANNERS ENGINEERS
GROUNDWORK, LTD.
35 WEST DUNDEE ROAD, SUITE A
BUFFALO GROVE, ILLINOIS 60089
847.541.4151
room@groundworkltd.com

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NO	DATE	BY	REVISION / ISSUE
	11/23/16	MHC	NORTH CDDK SWCD
1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
2	02/03/17	MHC	REVISED PER N. CDDK SWCD COMMENTS
3	04/26/17	MHC	REVISED PER IEPA COMMENTS
4	05/01/17	MHC	REVISED PER MWRD COMMENTS
5	11/18/21	MKK	FOR VILLAGE REVIEW

SCOPE DOCUMENTS

THESE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF THE CIVIL ENGINEERING DESIGN CONCEPT OF THE BUILDING AND THE MAJOR CIVIL ENGINEERING ELEMENTS. AS SCOPE DOCUMENTS, THESE DWGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL THE WORK REQUIRED FOR FULL PERFORMANCE AND/OR COMPLETION OF ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. THE GENERAL CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR COORDINATION OF EACH OF THE TRADES WORK AS RELATED TO THE SCOPE OF WORK REQUIRED FOR A COMPLETE PROJECT.

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THESE PLANS ARE FOR THE FOLLOWING PURPOSED ONLY, AS INDICATED

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- [ ] PERMIT
- [ ] BIDDING
- [ ] CONSTRUCTION
- [ ] [ ]

CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

SCALE: AS SHOWN
DRAWN BY: RJT
CHK'D BY:
DATE: 10/03/16
JOB NO.: Z137
FILE NAME:

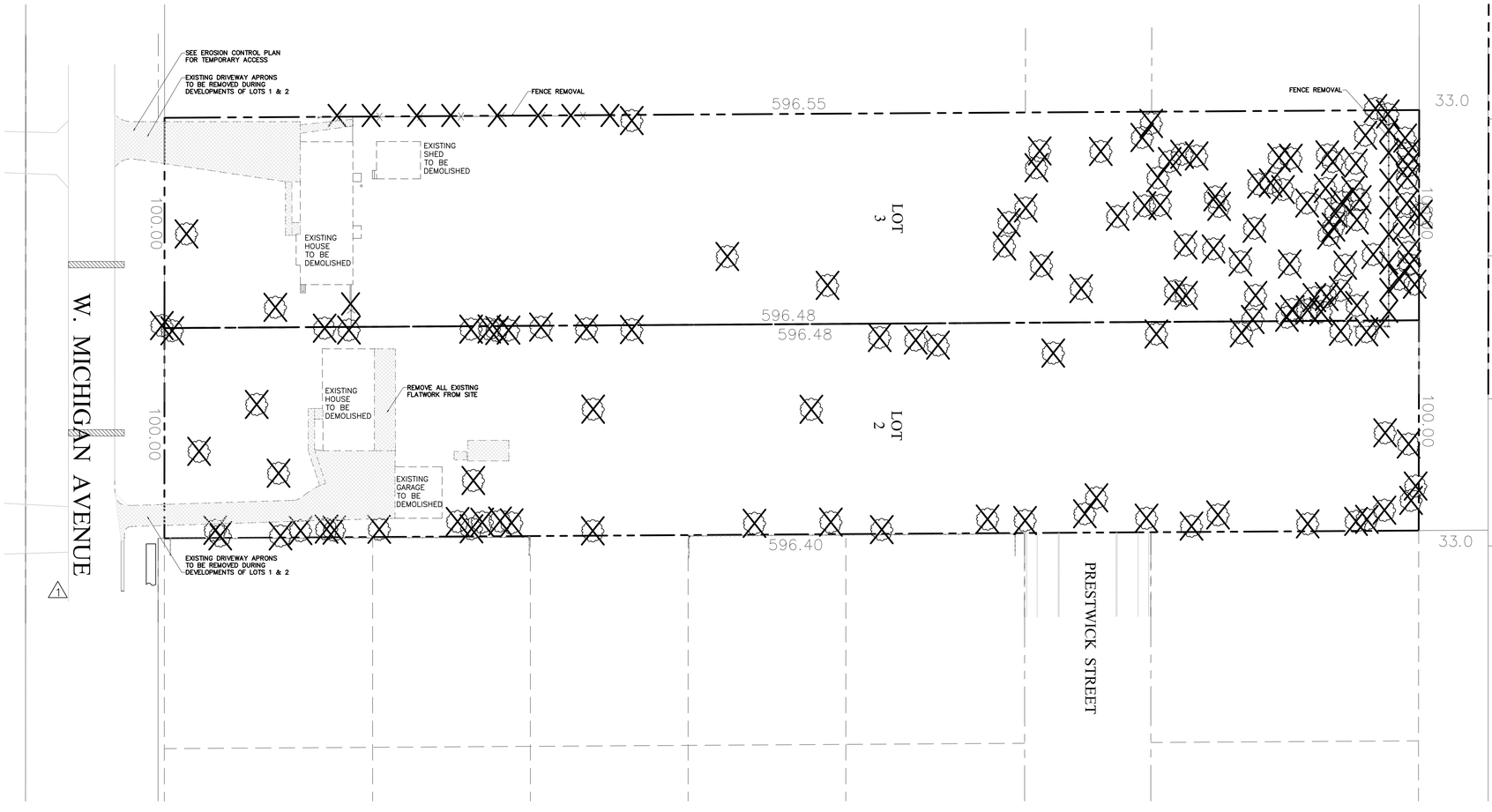
COVER SHEET

SHEET NO.
C0.0

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)

DEMOLITION NOTES

1. Remove and cap existing wells and/or septic fields, tanks, etc if any, from site conforming to IEPA and Cook County Department of Health requirements.
2. Remove all existing structures that are not to be reused from site.
3. Any abandoned or unused water mains, water service, sanitary sewer, or sanitary service shall be disconnected at the main, and capped. The disconnection and capping of the utility, shall be witnessed and approved by the Village Engineer. Remove all on-site service lines.
4. Any abandoned storm or sanitary structure or water valve vault shall be removed.
5. All existing building elements, including foundations, shall be removed from the site.
6. Remove all trees on site unless specifically noted otherwise.
7. All abandoned or plugged sewers shall be plugged at both ends with at least 2 feet long non-shrink concrete or monitor plug.
8. Engineer is not aware of any septic on site. Should any septic be found, abandoned tanks shall be filled with granular material or removed.



LEGEND

- EXISTING OLD PAVEMENT TO BE REMOVED
- TREE/FENCE REMOVAL

0 15 30 60

1:30

W S N E

ARCADIA SUBDIVISION

RECORDED JUNE 10, 2013
AS DOCUMNET #1316144091

ARCHITECTS
PLANNERS
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	11/29/16	MHC	NORTH COOK S'W'CD
3	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
4	05/01/17	MHC	REVISED PER MWRD COMMENTS

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CHCIAGO, ILLINOIS 60631

SCALE	AS SHOWN
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CHK'D BY	
DATE	10/03/16
FILE NAME	
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DEMOLITION PLAN

SHEET NO.

C1.0

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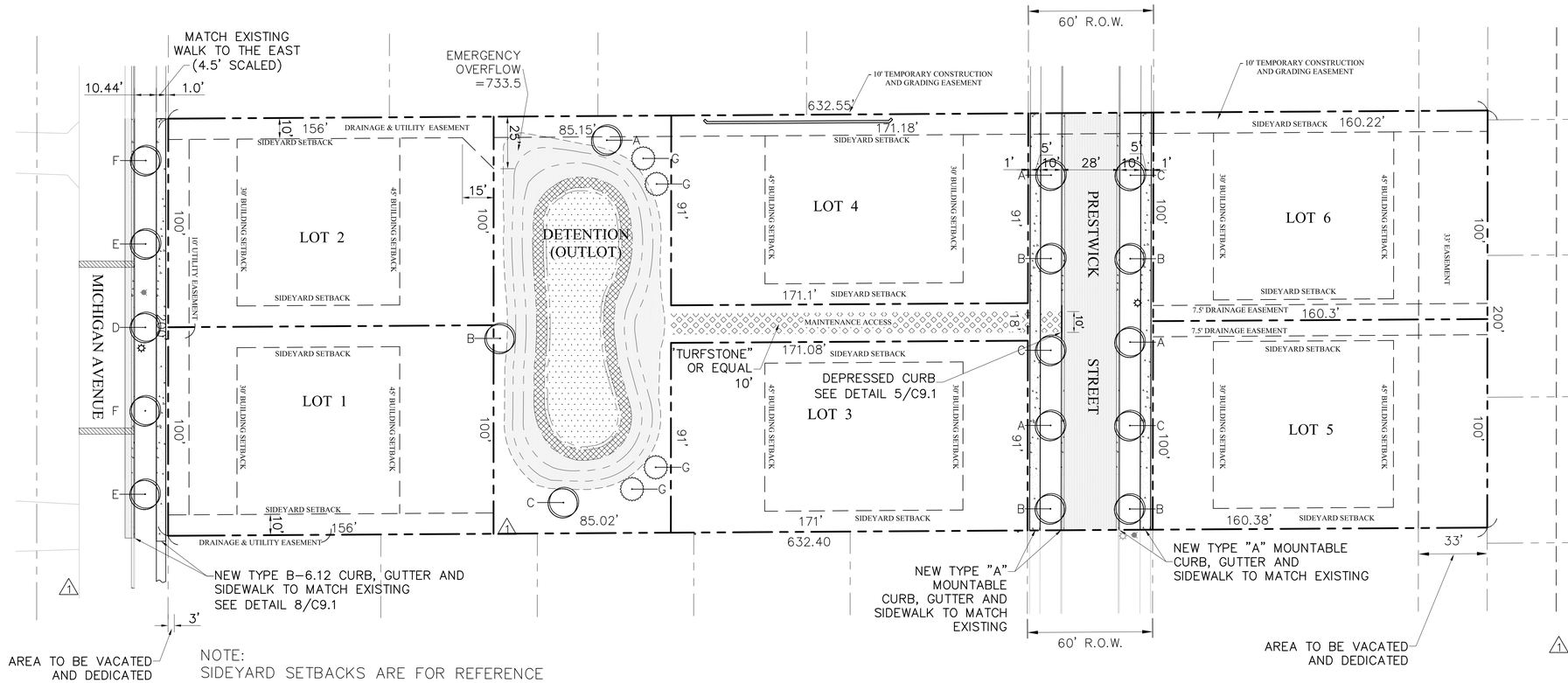

PAVING NOTES:

1. Contractor shall review geotechnical information as listed on the cover page.
2. All dimensions are to back of curb, or edge of pavement, unless otherwise noted.
3. Pavement design shall conform to the Village of Palatine Code of Ordinances-Appendix B - Subdivisions, 8.03. Street Pavement Standards
4. All joints made with existing pavement, walk or curb and gutter are to be saw-cut full depth.
5. The minimum structural number for all pavement design shall be 3.5.
6. The pavement section designs indicated are minimum valves only based on Village of Palatine code requirements. The pavement section design and subgrade preparation is subject to the review / approval of the project's Soils Engineer and / or the project's Structural Engineer.
7. Asphalt paving shall be installed in two lifts. The first lift to be placed as soon as possible to facilitate site access. The second lift shall be placed ten days to one week prior to substantial completion of building. Cutting and or patching of asphalt is not acceptable.
8. Portland cement concrete shall be designed for a minimum twenty-eight (28) day compressive strength of 3,500 PSI.
9. Curb transitions from depressed to full height shall be 2' minimum and shall be parallel to walk where walk is adjacent to curb.
10. Pavement sections to be as follows:
11. Prestwick Street pavement section shall be:
    a. 1-1/2" bituminous surface course, Superpave, Mix C, N50
    b. 2-1/2" bituminous binder course, IL-19, N50.
    c. 13" CA-6 base course, Grade 8 or 9.
12. Sidewalks are shown for representational purposes only. Sidewalks for all lots to be completed during development, respectively.
13. Curbs at Prestwick Street shall be Type "A" mountable curb. Curb at Michigan Avenue shall be Type "B6-12."
14. Protect existing off-site areas, including fencing.
15. Provide street name signs per Village requirements. Provide shop drawings to Village for approval prior to installation.
16. Direct buried cables placed under pavement shall be sleeved.
17. All signs including installation shall comply with the MUTCD standards.
18. See Plat by others for other general Site Easement information and requirements.
19. Provide appropriate trees required by the village. Trees are to be placed every 40 feet, adjust and coordinate final locations with actual driveways.
20. Parkway is to be replaced with sod and 6" topsoil.
21. Trees and shrubs are shown for informational purposes only. Contractor/Owner shall provide all shown trees and be responsible for all planting needs.

LEGEND

- PROPOSED CONCRETE WALK (4" THICK)
- PROPOSED BITUMINOUS PAVEMENT–HEAVY DUTY –SEE DETAIL 6/C9.1
- "TURFSTONE"
- VOLUME CONTROL AREA EMERGENT LIVE PLANTING. –SEE DETAIL 2/C9.0
- EMERGENT SEEDING –SEE DETAIL 2/C9.0
- WET PRARIE/PRAIRE SEEDING –SEE DETAIL 2/C9.0
- DEPRESSED CURB

STREET TREE KEY
A = 2-1/2" STATE TREE MAPLE
B = 2-1/2" AMERICAN SENTRY LINDEN
C = 2-1/2" CRIMSON KING MAPLE
D = 2-1/2" HEDGE MAPLE
E = 2-1/2" AMUR MAPLE
F = 2-1/2" TARARIAN MAPLE
G = 6'-0" BLUE SPRUCE

0 15 30 60
1:30

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274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

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SCALE	AS SHOWN
DRAWN BY	RJT
CHK'D BY	
DATE	10/03/16
FILE NAME	
JOB NO.	Z137

PAVING PLAN

SHEET NO.
C2.0

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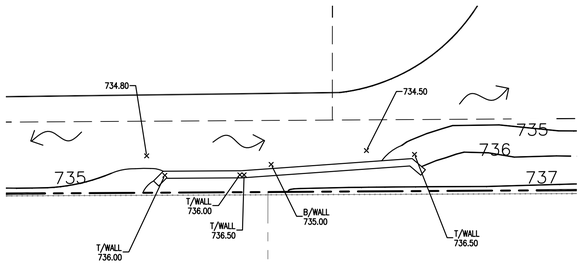
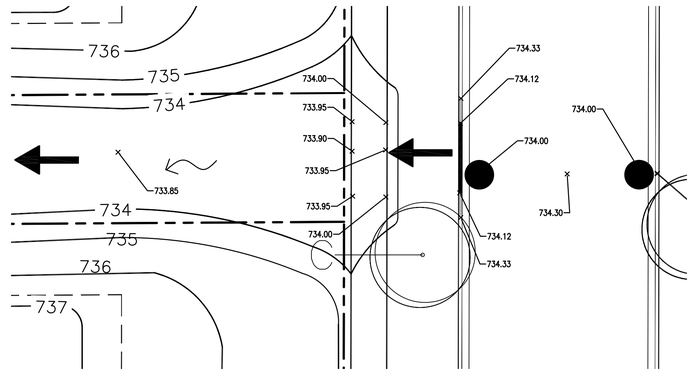


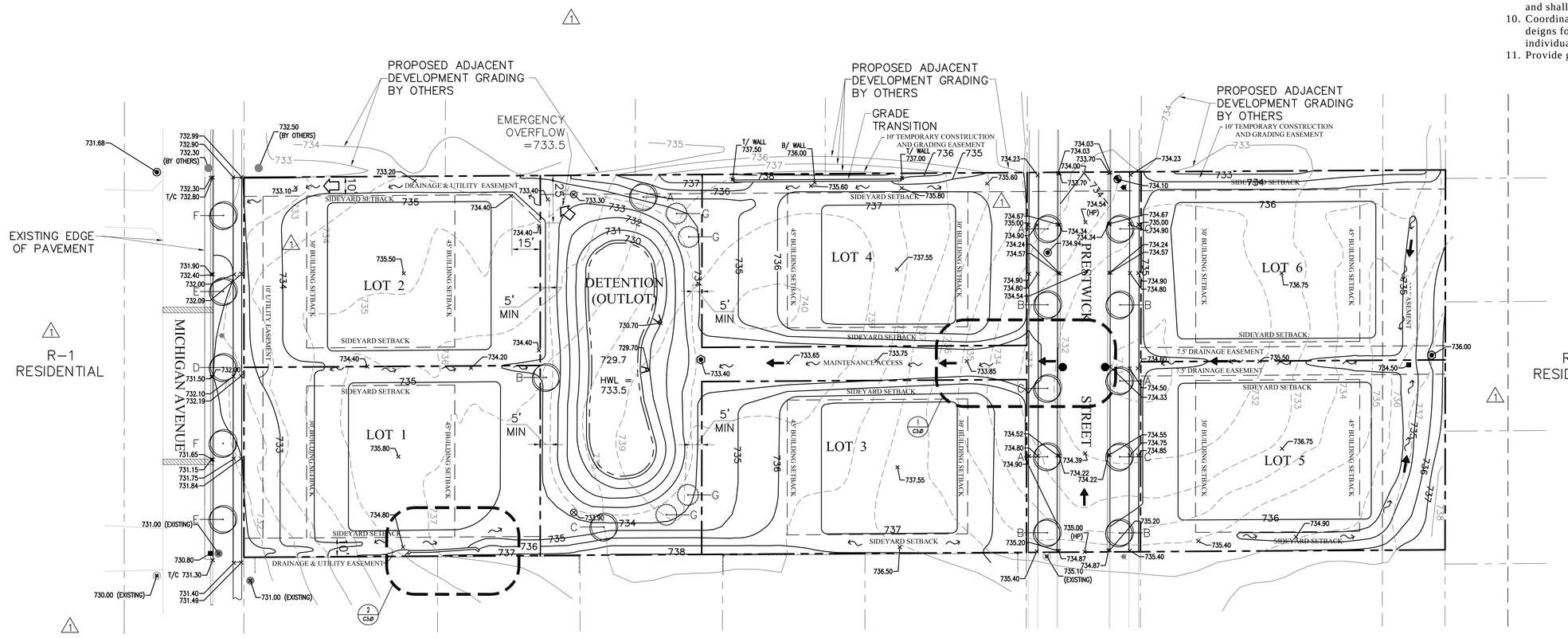
2 C3Ø ENLARGED PLAN - GRADE TRANSITION
SCALE: 1" = 10'



1 C3Ø ENLARGED PLAN - MAINTENANCE ENTRANCE
SCALE: 1" = 10'

GRADING NOTES:

1. Contractor shall review geotechnical information as listed on the cover page.
2. Embankment material within roadway, driveway, parking areas, and other structural clay fill areas shall be compacted to a minimum of ninety-five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method), or to such other density as may be determined appropriate by the Soils Engineer. Embankment material for building pads and other structural fill areas shall be compacted to a minimum of ninety five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method) or to such other density as may be determined appropriate by the Soils Engineer.
3. Fill material used must be compacted to at least 95 percent of standard laboratory maximum dry density (standard proctor), according to ASTM Standard D-698. Fill soils must be fine-grained soils of low permeability, such as those classified as CH, CL, SC, or ML according ASTM Standard D-2487, Classification of Soils for Engineering Purposes. See Table 1804.2 in the 2003 International Building Code (IBC) for description of these soil types.
4. Granular backfill placed underneath all paved areas shall be compacted in lifts not exceeding 6" and compacted to 95% modified proctor.
5. Storm structure rim elevation at curbs refer to flow line elevation.
6. Final grading shall match existing grades at all property lines unless approved otherwise by and with Village Engineer (see Sheet C3.0A).
7. Engineer is to be advised of any staked dimensions that vary from the reference design dimensions by more than 0.2'.
8. Maximum side yard slope shall be 10%.
9. Contractor shall maintain overall drainage pattern & design and shall advise engineer in event of any potential conflict.
10. Coordinate finial individual lot grading with final house deigns for each lot. Grading shown is intended to establish individual and overall site perimeter and drainage flows.
11. Provide grading for positive drainage with in buildable area.



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

LOT	BASIC TOP OF FOUNDATION
1	735.8
2	735.5
3	737.55
4	737.55
5	736.75
6	736.75

1:30 (0, 15, 30, 60)

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7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

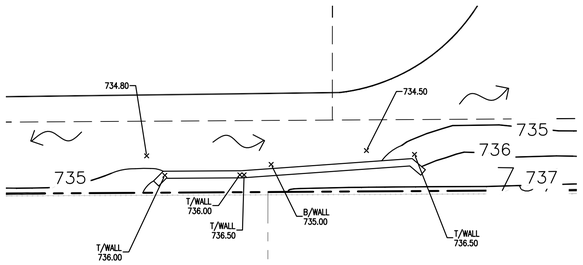
SCALE: AS SHOWN
DRAWN BY: RJT
CHK'D BY:
DATE: 10/03/16
JOB NO.: Z137
FILE NAME:

GRADING PLAN

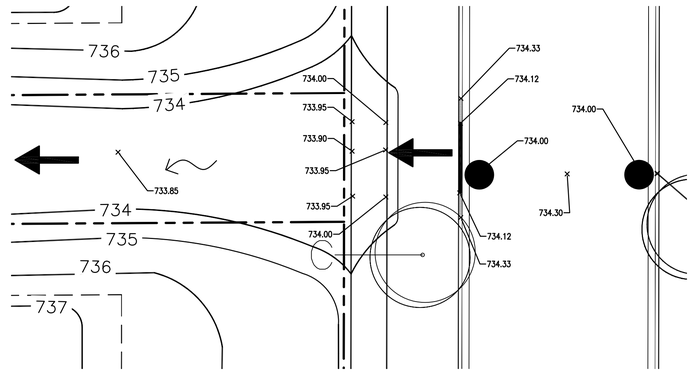
SHEET NO.
C3.0

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)

ALTERNATE



2 / C3.0A ENLARGED PLAN - GRADE TRANSITION
SCALE: 1" = 10'



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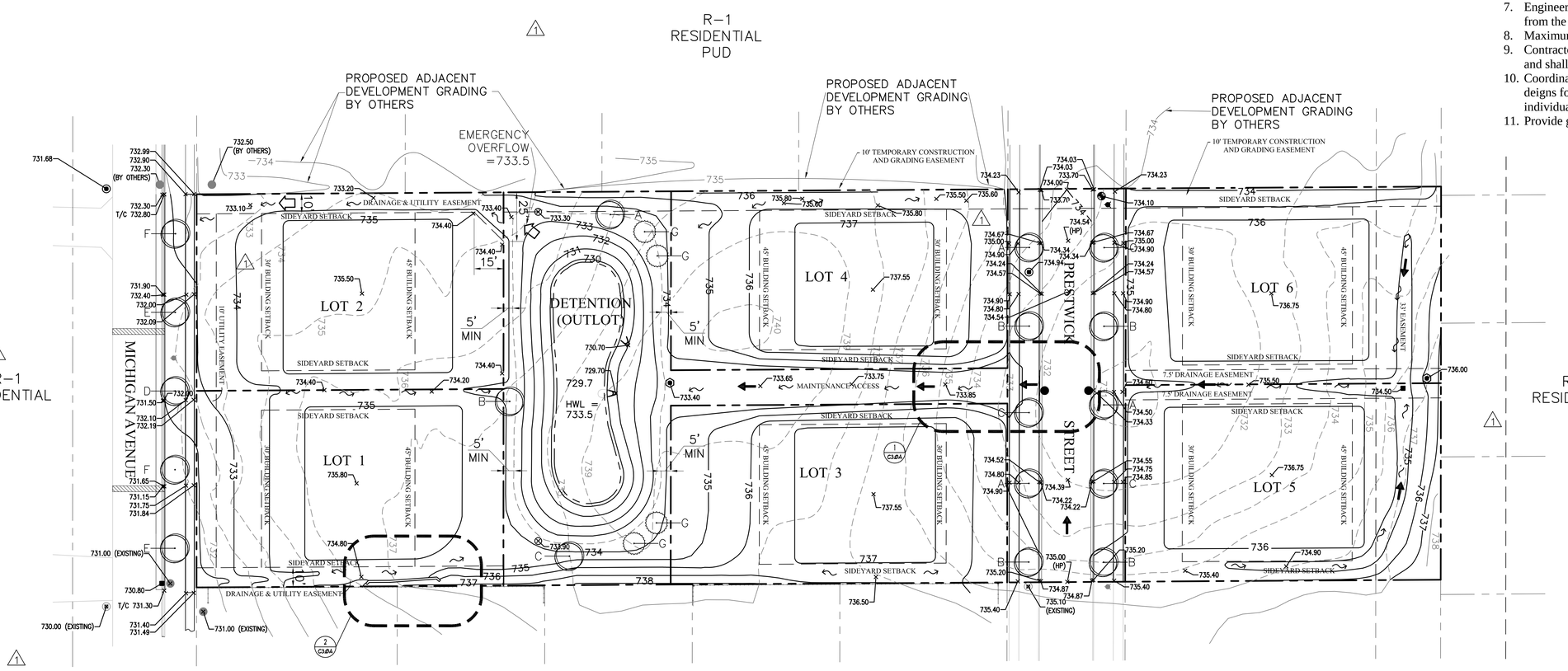

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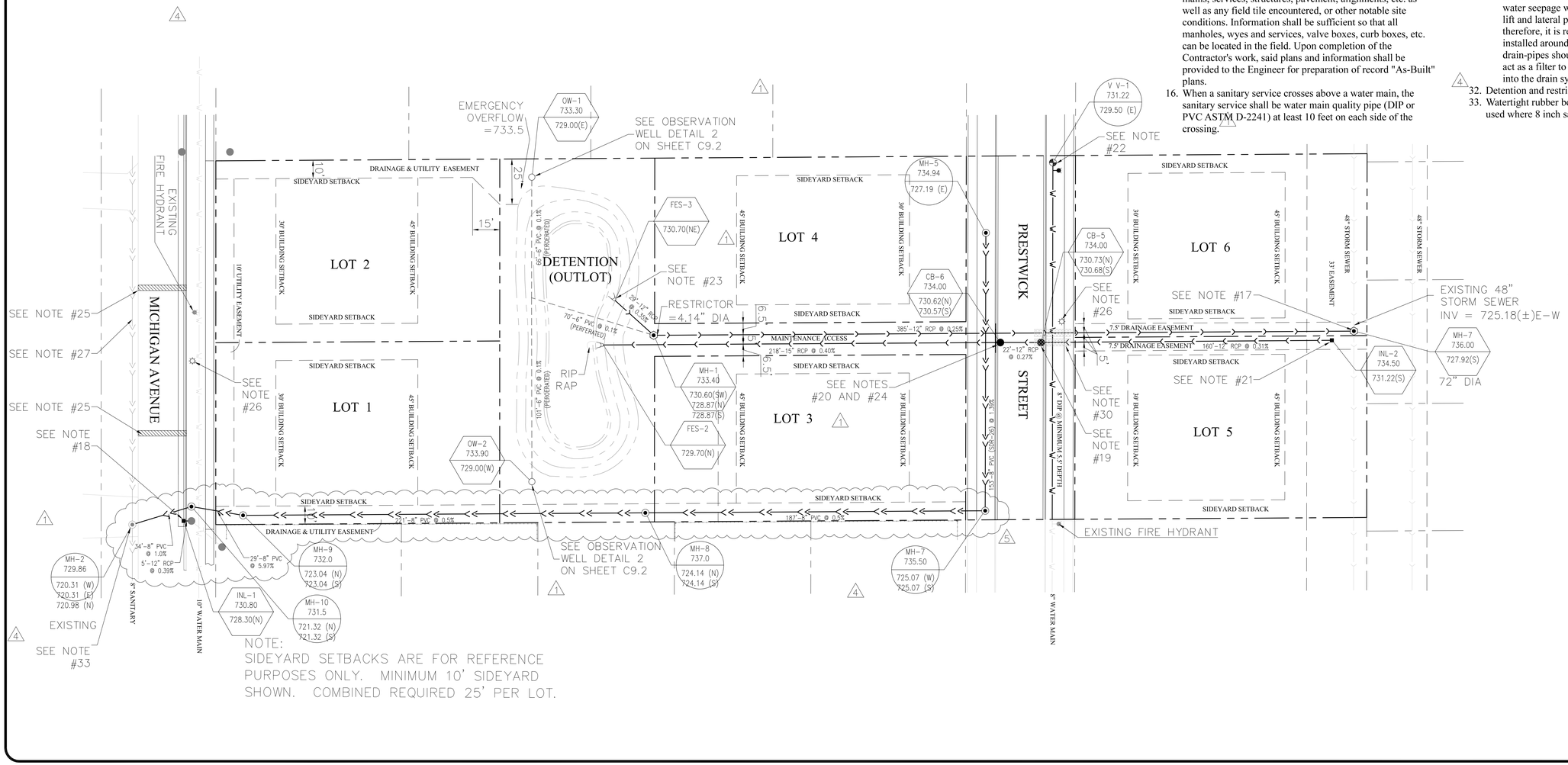
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

1:30
0 15 30 60
W S N E

SCALE: AS SHOWN
DRAWN BY: RJT
CHK'D BY:
DATE: 10/03/16
FILE NAME:
JOB NO.: Z137
SHEET NO.: C3.0A

GRADING PLAN ALTERNATE

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)



UTILITY NOTES:

1. All utility improvements shall conform with current Village standards.
2. Storm structure rim elevations at curbs refer to flowline elevation.
3. See utility details for additional information.
4. All utilities within 5 feet of and within proposed sidewalks, roads, driveways, etc. shall have trench backfill.
5. Contractor to locate existing utilities prior to construction. Engineer shall be notified of any conflict prior to construction.
6. Minimum cover on all water mains shall be 5'-6".
7. Hydrant leads shall be min. 6" in diameter.
8. All storm manhole covers shall be open grate, unless indicated otherwise.
9. All storm sewers shall be constructed of RCP, minimum Class IV. Joints shall be rubber ring, conforming to ASTM C-361
10. The Contractor shall locate any existing field tiles encountered and shall connect to the proposed storm drainage system.
11. Prior to construction, Contractor shall verify in field invert elevations of all existing sanitary manholes that new work is to connect to. Report discrepancies to Engineer for direction prior to the continuation of work.
12. Sanitary Sewer shall be 8" Diameter, PVC SDR 26, minimum slope 0.5%.
13. Prior to construction, Contractor shall verify in field invert elevations of all existing sanitary manholes that new work is to connect to. Report discrepancies to Engineer for direction prior to continuation of work.
14. Contractor shall review all utilities for consistency with final grades prior to placement of pavement curbs, walks and topsoil.
15. The Contractor shall keep a set of "Approved" Construction Plans on the job site, and shall maintain a legible record on said plans of all items that may deviate from the proposed improvements, including any modifications / alterations to: mains, services, structures, pavement, alignments, etc. as well as any field tile encountered, or other notable site conditions. Information shall be sufficient so that all manholes, wyes and services, valve boxes, curb boxes, etc. can be located in the field. Upon completion of the Contractor's work, said plans and information shall be provided to the Engineer for preparation of record "As-Built" plans.
16. When a sanitary service crosses above a water main, the sanitary service shall be water main quality pipe (DIP or PVC ASTM D-2241) at least 10 feet on each side of the crossing.
17. Manhole (MH-7) is to have a "Neenah" R-4342 grate or equal on MH-7.
18. Inlet (INL-1) is to have a "Neenah" R-3278-A grate or equal.
19. Catch basin (CB-5) is to have a "Neenah" R-3270 grate or equal.
20. Catch basin (CB-6) is to have a "Neenah" R-3390 grate or equal.
21. Inlet (INL-2) is to have a "Neenah" R4340-B grate or equal.
22. Install valve and a stub from valve vault to facilitate future connection. Valve is to be "East Jordan" or equal. If at time of construction it is found that the watermain is existing to the west, than valve vault, valve and fire hydrant are not needed.
23. Install a trash and safety grate on flared end section (FES-3).
24. Catch basin (CB-6) is required to have a removable hood. See Detail 1 on Sheet C9.1.
25. Saw cut and trench for sanitary service to lots 1 and 2. Confirm actual location at time of construction.
26. Street lights are to be a minimum of 4'-0" from utility service. Coordinate location of water main with street light prior to installation of either.
27. Proposed sewer main for Arcadia West. Provide new if main is required at time of construction of lots 1 and 2. Replace/repair any driveway apron and parkway as required. See Note 29.
28. Provide itemized line item list for separate bid of proposed Arcadia West sewer main.
29. When a storm sewer crosses above a watermain, the storm sewer is to be constructed with watermain quality in accordance with the Standard Specification for Water and Sewer Main Construction in Illinois.
30. Owner shall comply with all recommendations of ASTM standards and the MWRDGC as it regards to the monitoring and observation period of on-site observation wells #1 and #2.
31. Per "Soil Investigations" report #22311 dated October 27, 2016, item 2.
    "Certain precautions will be required if a basement construction is contemplated with respect to surface water seepage which could later result in hydrostatic up lift and lateral pressure in walls (time element), therefore, it is recommended that a perimeter drain be installed around the entire exterior of the basement. The drain-pipes should be covered with filter sock which will act as a filter to prevent the migration of clay particles into the drain systems."
32. Detention and restrictor is for local detention.
33. Watertight rubber boots conforming to ASTM C923 shall be used where 8 inch sanitary sewers enter existing manholes.

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	11/23/16	MHC	NORTH CDDK SWCD
1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
2	02/03/17	MHC	REVISED PER N. COOK SWCD COMMENTS
3	04/26/17	MHC	REVISED PER IEPA COMMENTS
4	05/01/17	MHC	REVISED PER MWRD COMMENTS
5	11/18/21	VKK	FOR VILLAGE REVIEW

SCOPE DOCUMENTS

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CARRAIG SUBDIVISION

274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

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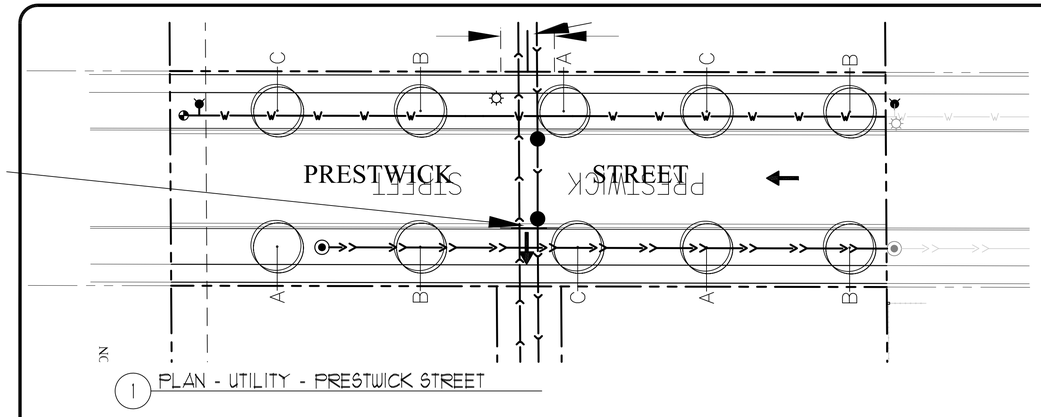
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

SCALE: AS SHOWN
DRAWN BY: RJT
CHK'D BY:
DATE: 10/03/16
FILE NAME:
JOB NO.: Z137

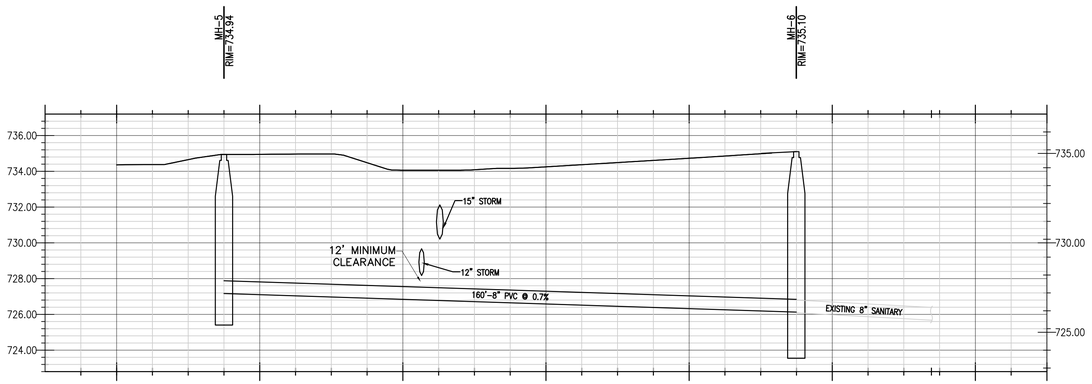
UTILITY PLAN

SHEET NO.
C4.0

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)



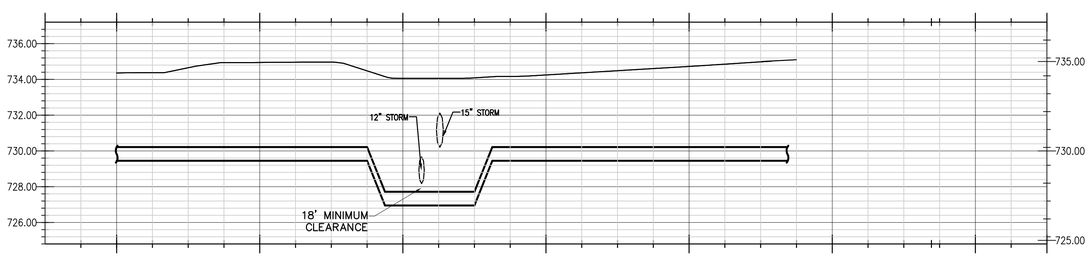
1 PLAN - UTILITY - PRESTWICK STREET



3 PROFILE -SANITARY - PRESTWICK STREET

HORIZONTAL 0 10' 20'

VERTICAL 0 2' 4'



5 PROFILE - WATER - PRESTWICK STREET

HORIZONTAL 0 10' 20'

VERTICAL 0 2' 4'

1:20 0 10 20 40

N W E S

1

1

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BLACKWATER VALLEY DEVELOPMENT, INC.
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CHCIAGO, ILLINOIS 60631

DRAWN BY RJT
CHK'D BY
SCALE AS SHOWN

WATER AND SANITARY SEWER PROFILES

FILE NAME

DATE 10/03/16

JOB NO. Z137

SHEET NO.

C7.0

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)

GENERAL NOTES - ALL TRADES

1. The Standard Specifications listed on the cover sheet, these construction plans, the special provisions, general conditions and subsequent details are all to be considered as part of the Contract Documents. Incidental items or accessories necessary to complete this work may not be specifically noted but are to be considered a part of the contract.
2. The Contractor shall be responsible for obtaining all required permits for construction along or across existing streets.
3. Contractor shall make arrangements for the proper bracing, shoring and other required protection of all roadways before construction begins. Contractor shall be responsible for any damage to: streets; roadways; driveways; associated structures; etc. and shall make repairs as necessary to the satisfaction of the Village Engineer and Owner.
4. The Contractor shall not install any sanitary sewer pipe or structures until Contractor has a copy of the permit and permit drawing issued by the appropriate reviewing authorities.
5. All requests for clarification or additional information relative to: construction methods; items; equipment; etc. prior to bidding shall be directed to the Engineer who will furnish in writing such information or clarification required.
6. Any discrepancies or conflicts on the plans, quantities, or specifications, discovered by the Contractor, either prior to or after the award of the contract shall be brought to the Engineer's attention before work is begun so that the proper corrections can be made.
7. Whenever the performance of work is indicated on the plans, and no item is included in the contract for payment, the work shall be considered incidental to the contract and no additional compensation will be allowed. The scope of work is as shown on the plans and as reasonably inferable therefrom to provide an appropriate installation.
8. Contractor shall be responsible for reviewing all site conditions in order to determine all take-offs and shall estimate all quantities required for full execution of their work. Contractor shall not rely upon civil engineering estimates as a basis of their bid. The lump sum amount shall be for the complete project. No claims for extra work will be recognized unless ordered in writing by the Owner.
9. All work performed under this contract by any Contractor and/or Subcontractor shall be guaranteed to the Village of Palatine and Owner against all defects in materials and workmanship, of whatever nature, by the Contractor and its Surety for a period of twenty-four (24) months after the date of final acceptance of the work by the Village of Palatine, other applicable governmental agencies, and the Owner.
10. The Contractor, by using these plans for his work, agrees to indemnify and hold harmless the Owner, Groundwork, Ltd. (the Engineer), and the Village of Palatine, their employees and agents, etc., while acting within the scope of their duties from and against any and all liability, claims, damages, and the cost of defense arising out of the Contractor's or Subcontractor's performance of the work described herein, but not including the sole negligence of the Owner, his agents, the Engineer, his employees and agents. Every Contractor and Subcontractor shall provide all required insurance to the limits required by the Owner and Village of Palatine prior to the start of construction and shall name the Owner, the Village of Palatine, Groundwork, Ltd., and its employees and agents, and as additional insured.
11. Prior to commencement of construction, the Contractor shall verify all dimensions, elevations and conditions affecting their work with the actual conditions at the job site. If there are any discrepancies from what is shown on the construction plans, Contractor shall immediately report same to the Engineer before doing any work, otherwise the Contractor assumes full responsibility. In the event of disagreement between the construction plans, Standard Specifications and/or special details, the Contractor shall secure written clarifications from the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies. Failing to secure such clarification, the Contractor will be considered to have proceeded at his own risk and expense. Commencement of work shall indicate acceptance of existing conditions as both suitable and acceptable for successful completion of work. In the event of any doubt or question arising with respect to the true meaning of the construction plans or specifications, the decision of the Engineer shall be final and conclusive.
12. Easements for the existing utilities, both public and private, and utilities within public rights-of-way as may be shown on the plans are according to available records. All information pertaining to the location and elevations of underground facilities is approximate and is included for the convenience of the Contractor. The Contractor, at his own expense, shall be responsible for furnishing all labor and material to verify and substantiate the actual locations and elevations of these facilities and for their protection from damage due to construction. The Engineer and Owner assume no responsibility whatever to the sufficiency or accuracy of the information shown on the plans relative to the location and elevations of the underground facilities, nor the manner in which they are to be removed or adjusted. The Contractor shall obtain from the respective utility companies detailed information relative to the location and elevation of their facilities and the working schedules of the utility companies for removing or adjusting them. It shall be the Contractor's responsibility to notify all utility companies of the construction schedule. If existing utility lines of any nature are encountered which conflict in location with new construction, the Contractor shall notify the Engineer immediately so that the conflict may be resolved. If the Contractor damages existing utilities, Contractor shall pay the cost of repair.
13. Pre-construction meetings shall be arranged through the Village of Palatine Engineering and Public Works Department.
14. The Contractor shall provide video tape(s) or still pictures as required by the Village Engineer prior to beginning work.
15. The Engineer and Owner are not responsible for the construction means, methods, techniques, sequences or procedures, time of performance, programs, or for any safety precautions used by the Contractor. The Contractor is solely responsible for execution of his work in accordance with the Contract Documents and specifications.
16. Safety of Work: Each Contractor and Subcontractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. Each Contractor and Subcontractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
    a. All employees on the work and other persons and organizations who may be affected thereby;
    b. All the work and materials and equipment to be incorporated therein, whether in storage on or off the site; and
    c. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities and underground facilities not designated for removal, relocations or replacement in the course of construction.
17. Special attention is drawn to the fact that the Standard Specifications requires the Contractor to have a competent superintendent on the project site at all times irrespective of the amount of work sublet. The superintendent shall be capable of reading and understanding the plans and specifications, shall have full authority to execute orders to expedite the project, and shall be responsible for scheduling and have control of all work as the agent of the Contractor.
18. The construction of this project requires the Contractor to coordinate work shown on this drawing with that of all other trades. The Contractor shall be responsible for any changes resulting from conflicts with other trades and work. In the event of any conflicts the Contractor shall immediately notify the Owner or their representative in writing for clarification before proceeding.
19. Unless indicated otherwise in the Owner's bidding documents, the Contractor shall, at his expense, employ a licensed surveyor to establish elevation, line and grade for the proposed work.
20. Before beginning construction, the Contractor and each Subcontractor shall verify all elevations and the line and grade stakes. If there are any discrepancies from what is shown on the plans, they shall be reported immediately to the Engineer before doing any work, otherwise the Contractor and Subcontractor assumes full responsibility. No work shall begin/continue until the discrepancy is resolved.
21. It is understood by the Contractor that the Owner shall not be responsible for the accuracy of marks made or stakes set. The Contractor shall be responsible for proper protection and continued accuracy of the marks or stakes after being set. All work shall be constructed at the elevations given on the plans attached and specified thereon. Any mistakes or errors arising from tampering with or the removal of marks or stakes shall be corrected by the Contractor at no additional expense to the Owner. The Contractor shall be provided by Owner with an AutoCAD disk of the site, showing the proposed improvements.
22. The Contractor or Owner shall hire an Illinois licensed Soils Engineer who will supervise and certify that all roadways are constructed in accordance with the Village of Palatine's requirements or Specification "Field Quality Control Procedures for Pavement Area Subgrade" or recommendations of the project soils report as listed on the cover page
23. The Contractor will be responsible for ensuring that all unsuitable materials are removed, all structural fill materials are properly placed and compacted, all pavement subgrades are properly prepared, proof rolling sub-grades and base courses, and ensuring that all water retaining embankments are properly constructed.
24. All independent testing to be paid for by the Owner. Testing to be at the discretion of the Village.
25. Any items that are not specifically shown on the plans or in the summary of quantities but can reasonably be interpreted to be included in the work described shall be incidental to the cost of the contract.
26. The Contractor shall refer to landscape plans for complete information regarding planting locations.
27. Definition of terms:
    a. The Contractor is the individual, firm, partnership or corporation contracting with the Owner for performance of the prescribed work.
    b. The Owner is the individual, firm, partnership or corporation having the authority to award the contract for the prescribed work.
    c. The Engineer where specifically referred to in the Special Provisions shall be the Owner's representative.
    d. The Village is the Village of Palatine.
28. The Contractor shall be responsible for the installation and maintenance of: all necessary signs, traffic control devices, barricades, fences, warning devices, equipment, personnel, etc. to inform and protect the public during all phases of construction. Barricades and warning signs shall be provided in accordance with Article 107.14 of the IDOT Standard Specifications. Adequate lighting shall be maintained from dusk to dawn at all locations where construction operations warrant, or as designated by the Village Engineer. All traffic control work shall be done in accordance with the Standard Specifications.
29. Traffic Control and Safety: Any temporary road closures shall be completed with proper traffic control as mandated by Illinois Department of Transportation (IDOT).
30. Cost of traffic control shall be incidental to the contract.
31. Contractor to provide, at a minimum, unit costs for basic quantities including: earthwork (for each type of specified fill); removal of unsuitable soil; curb and gutter; paving and flatwork; seeding and sodding; etc.
32. All permanent type pavements or other permanent improvements which abut the proposed improvement and must be removed, shall be sawed as directed prior to removal. All items so removed shall be replaced with similar construction materials to their original condition or better. Payment for sawing shall be included in the cost for removal of each item and replacement will be paid under the respective items in the contract, unless otherwise indicated.
33. Removed pavement, sidewalk, curb and gutter, etc. shall be disposed of by the Contractor at his own expense at an offsite dump site [locations outside the Village of Palatine].
34. During construction operations the Contractor shall ensure positive site drainage at the conclusion of each day and in conformance with the Storm Water Pollution Prevention Plan (SWPPP) and with the Illinois Urban Manual.
35. Any holes or trenches excavated during the construction of site improvements may not be left open in the pavement or parkway over a holiday, weekend, or after 3:00 p.m. on the day preceding a holiday or a weekend.
36. It shall be the responsibility of each respective Contractor to remove from the site and properly dispose of any and all excess or unsuitable materials and debris which result from their construction operations at no additional expense to the Owner upon completion of mass grading.
37. The Contractor shall maintain roadways adjoining the project site free from mud, dirt and debris at all times. If mud and/or debris is/are carried onto the roadways from either the Contractor's trucks, his employees vehicles, or his material suppliers, the Contractor shall immediately remove said mud and/or debris. The Contractor shall keep adjacent streets clean of mud/dirt. This may include sweeping of streets multiple times per day.
38. An iron pipe shall be found and located or set at each lot corner.
39. All septic and/or well abandonments shall be in accordance with the requirement of the Village Engineer.
40. Before acceptance by the Owner and final payment, all work shall be inspected and approved by the Owner or his representative. Final payment will be made after all of the Contractor's work has been approved and accepted, and in accordance with the Contract Documents.
41. In the event of a conflict between statements which apply to the construction work, the statement contained within the document first enumerated below shall govern:
    a. Special Provisions
    b. General Notes
    c. Notes and Details on the Engineering Plans
    d. Standard Specifications, as defined in Paragraph 1 above.
42. All Contractors shall be responsible for the following, which shall also be incidental to the cost of construction:
    a. Examination of the Engineering Plans and Specifications and the existing site conditions prior to submitting a bid, and notifying the Engineer at once of any discrepancies.
    b. The obtaining of any necessary permits not previously applied for by the Owner, and posting of the necessary bonds.
    c. The notification of the start of construction to all jurisdictional agencies, utility companies, and the Engineer, at least two (2) working days prior to said start. All existing utilities shall be staked prior to construction.
    d. Calling attention to the Owner of any errors or discrepancies which may be suspected in lines and grades which are established by the Owner. The Contractor shall not proceed with the work until the lines and grades which are believed to be in error have been verified or corrected by the Owner. Additional staking that may be required due to the Contractor negligence, shall be paid for by the Contractor.
    e. The providing of safe and healthful working conditions throughout the prosecution of the construction work. This shall include, but not be limited to: the removal of debris, the protecting of construction hazards with barricades, and the keeping of public street pavements clean of construction dirt and debris.
    f. The restoration to the original condition or better of any offsite areas that are damaged by the Contractor during construction.
    g. The testing of materials, if required by the Owner and/or the jurisdictional agencies.
    h. The guarantee of all materials and workmanship for a period of one (1) year upon final acceptance by the Owner and the jurisdictional agencies.
43. The Owner shall be responsible for the following:
    a. Scheduling the necessary pre-construction meeting(s) with the jurisdictional agencies.
    b. Providing the Contractor with one (1) set of control line and grade stakes (at offsets mutually agreed upon) for the proper execution and control of the work.
    c. Applying for IEPA permits. Other necessary permits shall be the responsibility of the Contractor.
44. The Engineer shall be responsible for the following:
    a. To periodically visit the construction site in order to better carry out the duties and responsibilities assigned by the Owner.
    b. The Engineer shall not, during such visits or as a result of such observations of the Contractor(s)' work in progress, supervise, direct or have control over the Contractor(s)' work nor shall the Engineer have authority over or responsibility for the means, methods, techniques, sequences or procedures of construction selected by the Contractor(s)', for safety precautions and programs incident to the work of the Contractor(s) or for any failure of the Contractor(s) to comply with laws, rules, regulations, ordinances, codes or orders applicable to the Contractor(s) furnishing and performing their work. Accordingly, the Engineer can neither guarantee the performance of the construction contracts by the Contractor(s) nor assume responsibility for the Contractor(s)' failure to furnish and perform their work in accordance with the Contract Documents.

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DRAWN BY: RJT
CK'D BY:
SCALE: AS SHOWN
DATE: 10/03/16
JOB NO.: Z137
FILE NAME:

NOTES

SHEET NO.

C8.0

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 ; Carraig Subdivision - Final Planned Development)

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
   - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (LATEST ED) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   - STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWERS AND WATER MAIN CONSTRUCTION;
   - THE MWRD GENERAL NOTES (ATTACHED);
   - THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
   - IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT (LAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2. THE VILLAGE OF _____ ENGINEERING DEPARTMENT AND PUBLIC WORKS 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 ENDANGERED BY THE CONSTRUCTION WITH NO CONSTRUCTION ALTERNATIVE, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS _____ FT.
2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, FROM ANY AND ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEERS. 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. SECOND 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, 8-BENDS, 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 WATERS, 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 OR 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 4-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DIY=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 8-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 ASTM D-3139

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

PIPE MATERIAL POLYPROPYLENE (PP) PIPE	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D2212, F-477

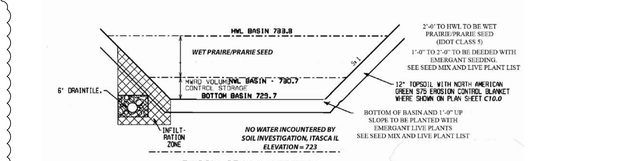
8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼ " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
    a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) TO RECEIVE AN INSERT-A-TEE OR A SADDLE WYE OR TEE SADDLE, OR HUB-TEE SADDLE.
    b) REMOVING AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
    c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE BETWEEN THE TOP OF THE SEWER AND THE BOTTOM OF THE WATERMAIN SHALL BE EIGHTEEN (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. IN EITHER THE VERTICAL OR HORIZONTAL DISTANCES SPECIFIED CANNOT BE MAINTAINED, ON THE SEWER CROSSING AND/OR THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAINTILE/PERFORATED/UNPERFORATED 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 EXCAVATION AREA SHALL BE LOCATED AND 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. EXCEPTIONS MAY BE MADE IN PRIVATE OWNERSHIPS AS INSPECTION AUTHORITY MAY DEEM NECESSARY. OWNERS SHOULD BE NOTIFIED IN WRITING, AND ANY NECESSARY MAINTENANCE SHALL BE PERFORMED TO ENSURE FOR SUPPLY. IN THE EVENT THAT A DETENTION BASIN OVERFLOWS TO A COMBINED SEWER BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE;
   b) WITHIN 24 HOURS 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; AND
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 CONVEY ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
12. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
13. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
15. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR TREE BUFFERS.
16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
19. IF DEWATERING SERVICES ARE USED, ACCORDING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED AREAS. DEWATERING TO STORM SEWERS SHALL BE CLEAN OF DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN TWENTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

TECHNICAL GUIDANCE MANUAL
MWRD GENERAL NOTES
07/12/2016
STD. DWG. NO.18
PAGE NO. 19

1 C9.0 MWRD NOTES
SCALE: N.T.S.



BASIN CROSS SECTION
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2 C9.0 POND SECTION
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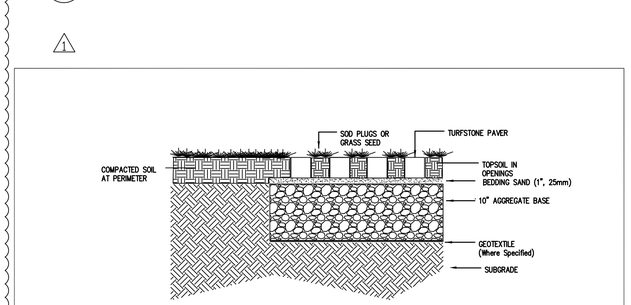
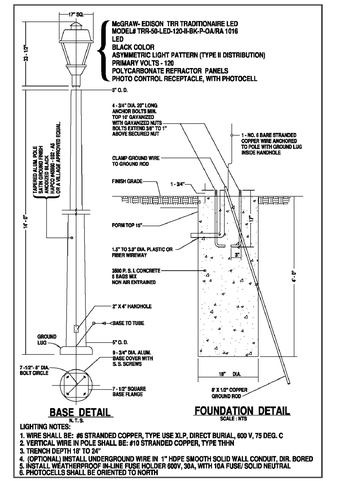


SCALE
Inches
0 1" 2"

FIRE ACCESS ROAD Turfstone Paver	UNILOCK® Designed to be a step ahead 1·800·UNILOCK www.unilock.com	PAVER DETAIL Cross Section
Engineer's Seal This cross section is intended for preliminary design purposes only. A qualified professional Engineer should approve the final design and confirm site conditions.		FIREROAD.DWG

3 C9.0 TURFSTONE
SCALE: N.T.S.
NOTE: "TURFSTONE" OR APPROVED EQUAL

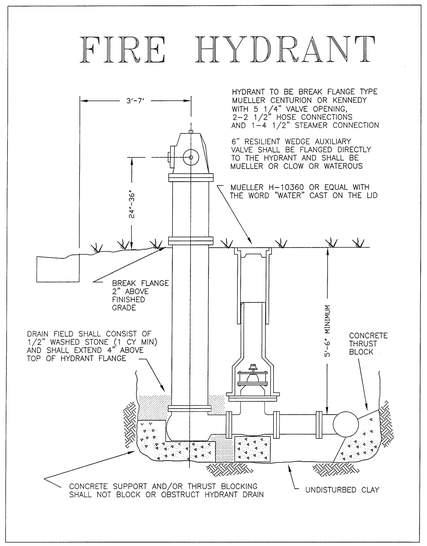


BASE DETAIL
N.T.S.
FOUNDATION DETAIL
SCALE: N.T.S.

LIGHTING NOTES:
1. WIRE SHALL BE: #6 STRANDED COPPER, TYPE USE XLP, DIRECT BURIAL, 600 V, 75 DEG. C
2. VERTICAL WIRE IN POLE SHALL BE: #10 STRANDED COPPER, TYPE THHN
3. TRENCH DEPTH 18" TO 24"
4. (OPTIONAL) INSTALL UNDERGROUND WIRE IN 1" HDPE SMOOTH SOLID WALL CONDUIT. DIR. BORED
5. INSTALL WEATHERPROOF IN-LINE FUSE HOLDER 600V, 30A, WITH 10A FUSE/ SOLID NEUTRAL
6. PHOTOCELLS SHALL BE ORIENTED TO NORTH

TRADITIONAIRE LED CONC. BASE STREET LIGHTING DETAIL

4 C9.0 STREET LIGHTING
SCALE: N.T.S.



FIRE HYDRANT

5 C9.0 FIRE HYDRANT
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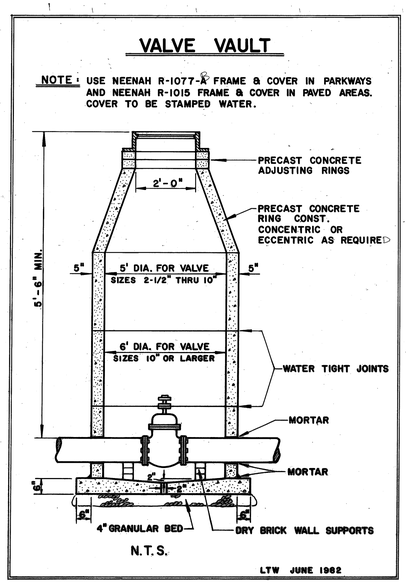

6 C9.0 VALVE VAULT
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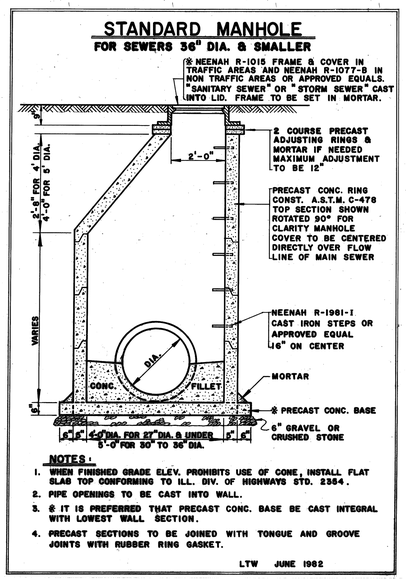
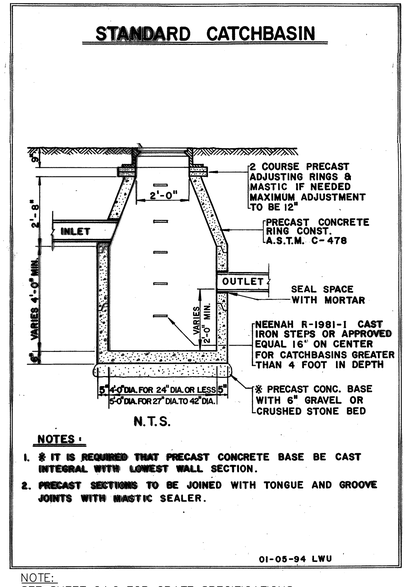
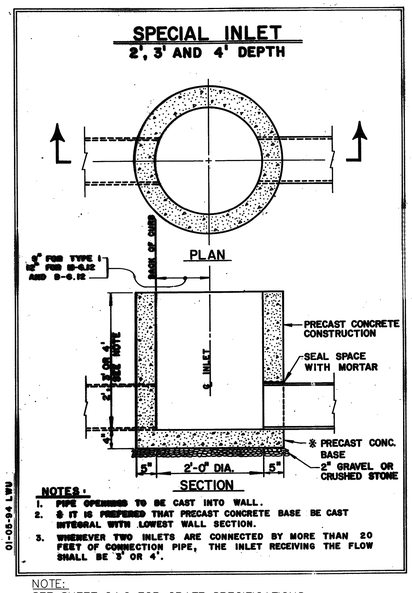


7 C9.0 STANDARD MANHOLE
SCALE: N.T.S.
NOTE:
RUBBER BOOTS THAT MEET ASTM C923 CONNECTORS SHALL BE USED FOR PIPE PENETRATIONS.
4



NOTE:
SEE SHEET C4.0 FOR GRATE SPECIFICATIONS
8 C9.0 STANDARD CATCHBASIN
SCALE: N.T.S.
1



NOTE:
SEE SHEET C4.0 FOR GRATE SPECIFICATIONS
9 C9.0 SPECIAL INLET
SCALE: N.T.S.

NOTE:
DETAILS SHOWN ARE TAKEN FROM VILLAGE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING AND COMPLYING WITH LATEST VILLAGE ORDINANCE STANDARDS.

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NO	DATE	BY	REVISION / ISSUE
1	11/23/16	MHC	NORTH COOK SWCD
2	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
3	05/01/17	MHC	REVISED PER MWRD COMMENTS
4			
5			

SCOPE DOCUMENTS
THESE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF THE CIVIL ENGINEERING DESIGN CONCEPT OF THE BUILDING AND THE MAJOR CIVIL ENGINEERING ELEMENTS. AS SUCH, THESE DOCUMENTS THESE DWGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL THE WORK REQUIRED FOR FULL PERFORMANCE AND/OR COMPLETION OF ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. THE GENERAL CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR COORDINATION OF EACH OF THE TRADES' WORK AS RELATED TO THE SCOPE OF WORK REQUIRED FOR A COMPLETE PROJECT.

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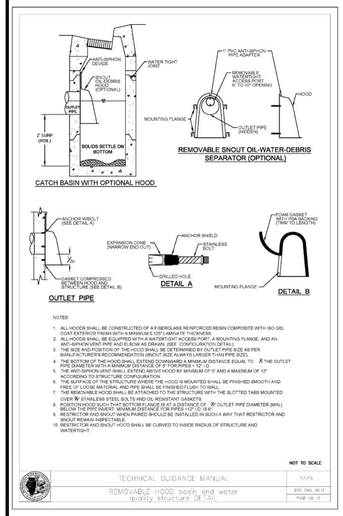

1 C9.1 REMOVABLE HOOD BASIN
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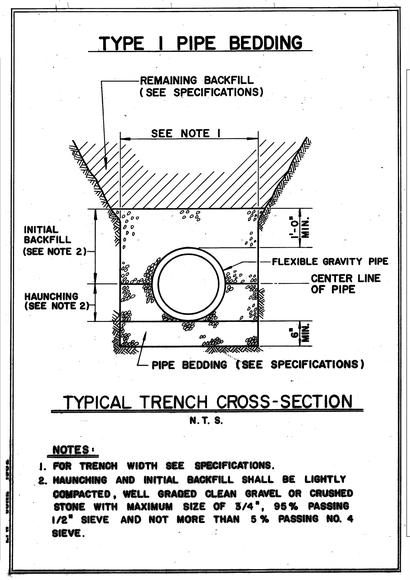

2 C9.1 TYPE I PIPE BEDDING
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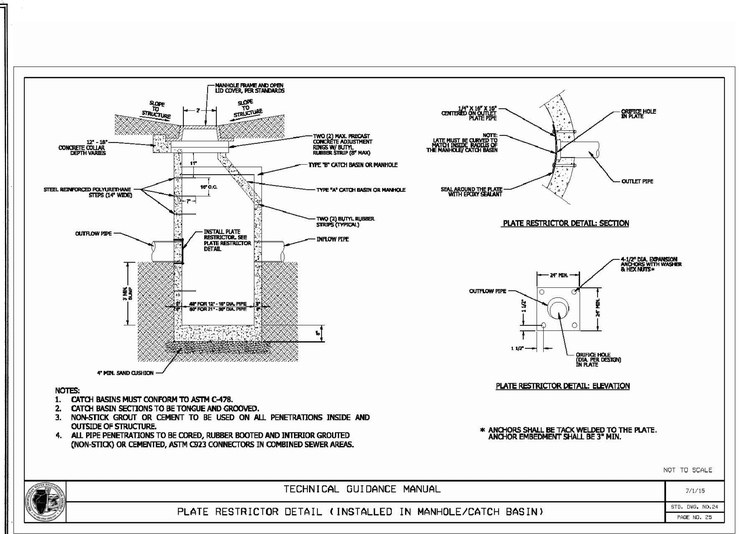
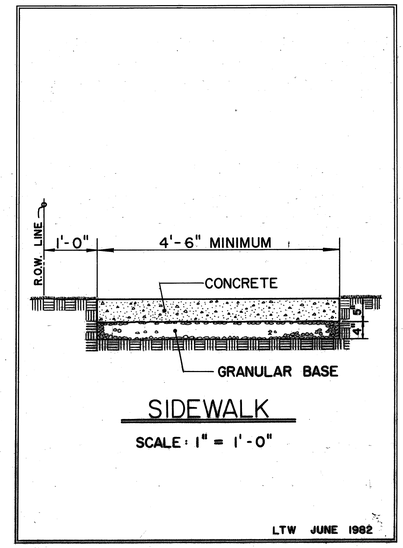


3 C9.1 RESTRICTOR DETAIL
SCALE: N.T.S.
4 NOTE: RESTRICTOR IS A LOCAL REQUIREMENT.



5 C9.1 SIDEWALK DETAIL
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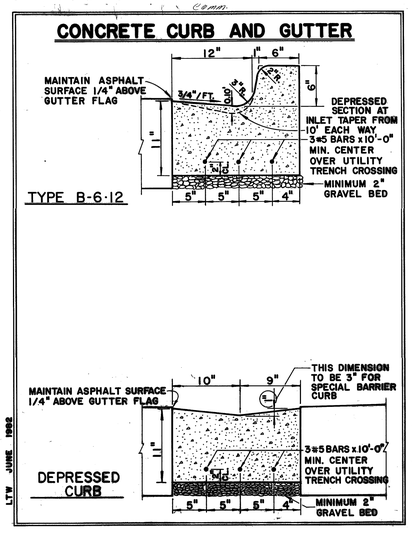

6 C9.1 CONCRETE CURB AND GUTTER
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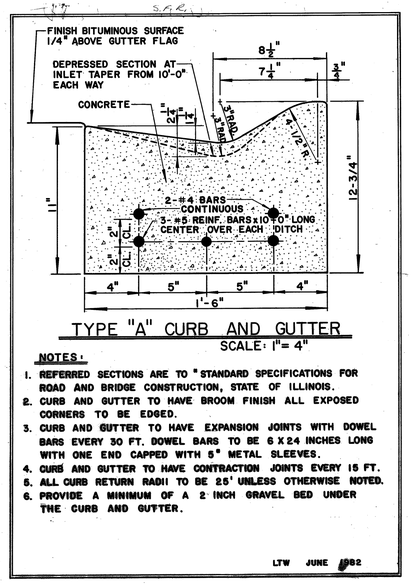

7 C9.1 TYPE "A" CURB AND GUTTER
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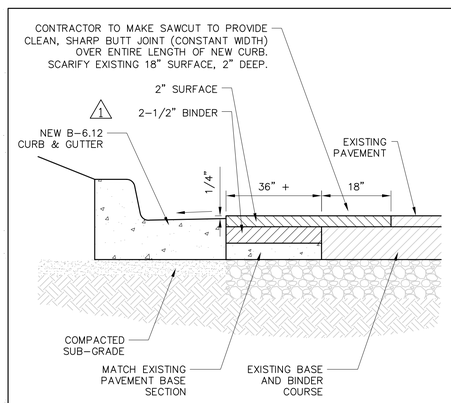
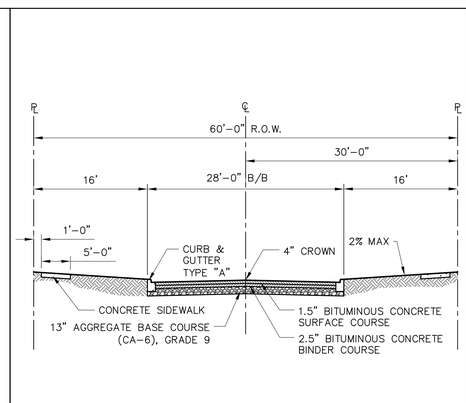


8 C9.1 PAVEMENT PATCHING AT CURB & GUTTER PLACEMENT
SCALE: N.T.S.
NOTE: AT MICHIGAN AVENUE



9 C9.1 ROAD CROSSING CONNECTION
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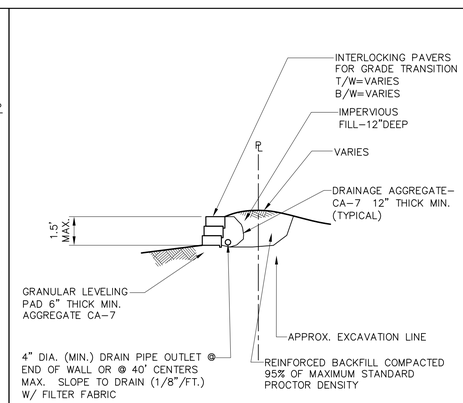

10 C9.1 GRADE TRANSITION
SCALE: N.T.S.

NOTE:
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NO	DATE	BY	REVISION / ISSUE
1	11/23/16	MHC	NORTH COOK SWCD
2	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
3	05/01/17	MHC	REVISED PER MWRD COMMENTS

SCOPE DOCUMENTS
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DETAILS

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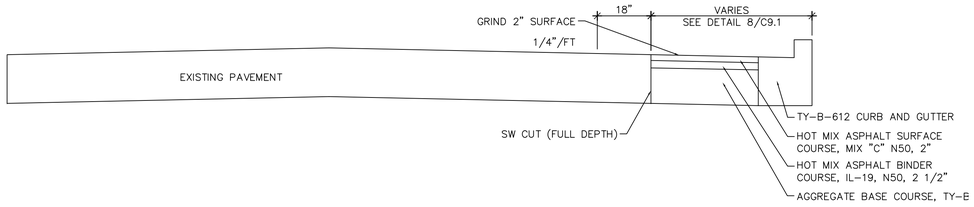
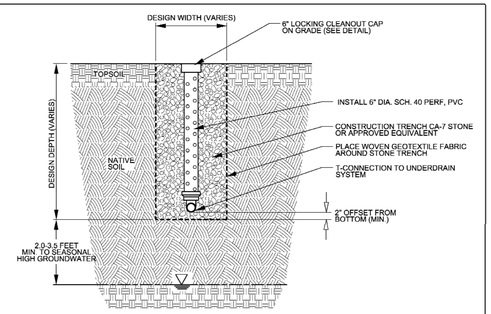
DRAWN BY: RJT
CHK'D BY:
FILE NAME:
DATE: 10/03/16
JOB NO.: Z137
SHEET NO.: C9.1

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)



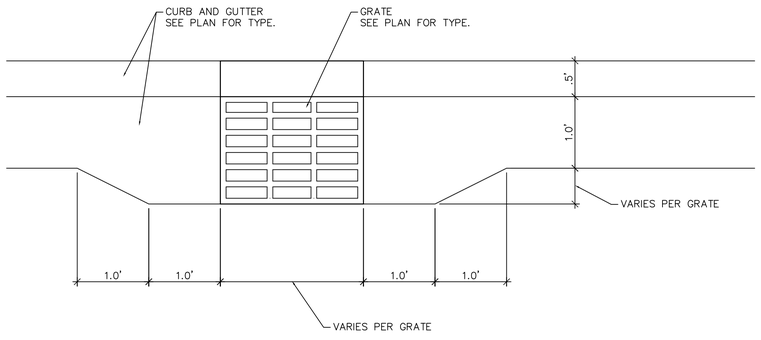
1 C9.2 ROAD CROSS SECTION - MICHIGAN AVENUE
SCALE: N.T.S.



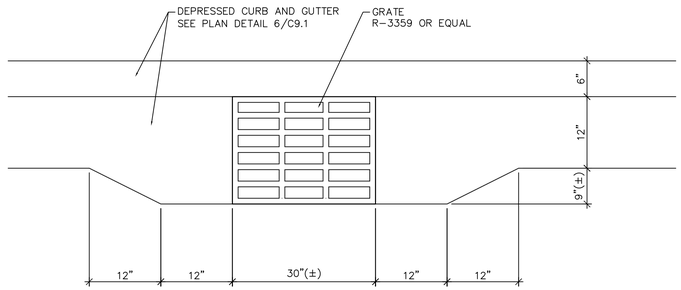
NOTES:
1) ONE OBSERVATION WELL SHALL BE INSTALLED PER 40,000 SQ. FT. OF SURFACE AREA.
2) PERFORATIONS SHALL BE 3/8" CIRCULAR HOLES, 4" ON CENTER, 80° AROUND PIPE.
3) OBSERVATION WELL FOR BIORETENTION FACILITIES SHALL EXTEND 6'-12" ABOVE GRADE AND CONTAIN AN OVERFLOW GRATE INSTEAD OF LOCKING CAP.
4) PIPES/FITTINGS SHALL BE SCHEDULE 40 PVC OR HIGHER QUALITY, 6" DIAMETER MINIMUM.

TECHNICAL GUIDANCE MANUAL	7/1/15
TYPICAL DETAIL OBSERVATION WELL	STD. DWG. NO.8
	PAGE NO. 7

2 C9.2 OBSERVATION WELL
SCALE: N.T.S.



3 C9.2 CURB AND GUTTER MODIFICATION
SCALE: N.T.S.



4 C9.2 DEPRESSED CURB AND GUTTER MODIFICATION
SCALE: N.T.S.

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DETAILS

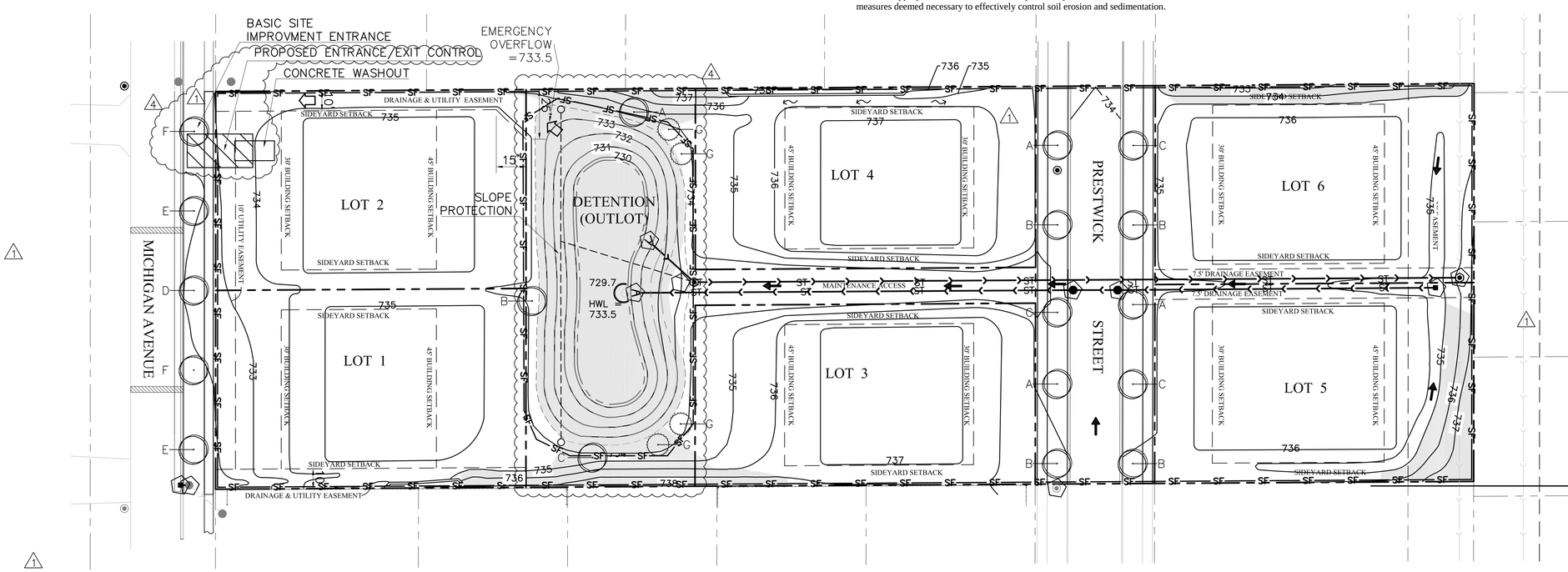
Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

1. Soil Erosion and Sedimentation Control (SE/SC) measures shall be provided in accordance with the following:
   a. Illinois Urban Manual (IUM);
   b. the "Procedures and Standards for Urban Soil Erosion and Sedimentation Control in Illinois";
   c. the Environmental Protection Agency;
   d. National Pollution Discharge Elimination (NPDES) system permit for "Construction Site Activities";
   e. National Resources Conservation Service (NRCS);
   f. and any other applicable codes or ordinances. Contractor shall verify additional requirements prior to construction and incorporate into the project.
   g. Metropolitan Water Reclamation District of Greater Chicago.
2. The SE/SC measures indicated on the plans are the minimum requirements. Any other SE/SC devices and measures, in addition to those outlined in these plans and which are deemed necessary by the Owner, Engineer and/or Village Engineer, shall be implemented immediately by the Contractor.
3. See Storm Water Pollution Prevention Plan, available from Owner.
4. A copy of the approved Stormwater Pollution Prevention Plan (SWPPP) shall be maintained on site at all times.
5. It shall be the Contractor's responsibility to verify that a valid Notice of Intent (N.O.L) is on record with the Illinois Environmental Protection Agency (I.E.P.A.), and that copies of all Stormwater Pollution Prevention Plan (SWPPP) Certificates are signed, and on file prior to disturbing any ground.
6. Soil disturbance shall be conducted in such a manner as to minimize erosion. Soil stabilization measures shall consider the time of year, site conditions and the use of temporary or permanent measures.
7. Streets and driveways adjacent to the site and work area shall be kept free of dirt, mud and other debris. The contractor shall immediately remove any dirt, mud or debris that may become deposited upon the adjacent streets.
8. If blowing dust becomes a problem during construction, the Contractor shall provide a water truck at intervals to sufficiently dampen all disturbed soil.
9. The Contractor shall be responsible for meeting the requirements of all applicable SE/SC ordinances. The cost of all work necessary to meet these requirements shall be considered as incidental to the Contract, and no separate payment will be made.
10. Provide SE/SC measures in accordance with the applicable specifications and with the requirements of the Storm Water Pollution Prevention Plan (SWPPP).
11. SE/SC features (including silt fencing) shall be constructed at the onset of construction activities. Such measures shall be installed and inspected prior to hydrologic disturbance of upland areas to contain the effects of construction activity from existing non-disturbed areas.
12. All storm sewers and structures that are or will be functioning during construction shall be protected by an appropriate sediment control measure, until pavement has been installed and permanent vegetation and SE/SC measures has been established. See details on plans.
13. All temporary and permanent SE/SC measures must be maintained and repaired as needed by the Contractor.
14. Whenever, during construction operations, any loose material is deposited in the flow line of gutters, drainage structures, ditches, etc., such that the natural flow line of water is obstructed, this loose material shall be removed immediately by the responsible party. At the conclusion of all construction operations, all drainage structures and flow lines shall be free from dirt, grit and debris. This work shall be considered incidental to the contract.
15. Qualified personnel as designated by the developer shall inspect disturbed areas of the construction site that have not been fully stabilized, SE/SC structures and location(s) where vehicles enter or exit the site. Such inspections shall be conduced at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall. Based on these inspections, the developer shall direct the appropriate Contractor to clean, repair or implement additional SE/SC measures deemed necessary to effectively control soil erosion and sedimentation.
16. A written report detailing the condition of the SE/SC measures, and any correction made to keep same in functioning order, shall be submitted to the Village Engineer by noon Friday of each week, and within 48 hours of any 0.5 inch or greater storm event.
17. Storm sewer protection measures shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.
18. Disturbed areas shall be stabilized with temporary or permanent measures within 7 calendar days of the end of active hydrologic disturbance, or re-disturbance.
19. Areas or embankments having slopes greater than or equal to 4H:1V shall be stabilized with sod, mat and / or blanket in combination with seeding.
20. If dewatering services are used, adjoining properties and discharge locations shall be protected from erosion. Discharges shall be routed through an effective SE/SC measure (e.g. sediment trap, sediment basin, or other appropriate measure).
21. Temporary soil stockpiles shall not be located in flood prone areas. Temporary stockpile embankments shall have slopes no greater than 3H:1V.
22. A stabilized mat of aggregate underlain with filter cloth (or other appropriate measure) shall be located at any point where traffic will be entering or leaving a construction site to or from a 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. See details.
23. Soil stabilization (temporary seeding or erosion control blankets) shall be initiated as soon as practical in those portions of the site where construction activities have temporarily or permanently ceased. In no case shall an area that is at final grade remain exposed to the elements for more than fifteen (15) days.
24. Seeding, mulching and sodding shall be in accordance with the landscape plan, by others.
25. All disturbed ground within the Village's or County's Right-of-Way shall be restored to the satisfaction of the Village and the County.
26. The Contractor shall take measures to protect all utility structures (manholes, inlets, catch basins, sumps, grease separators, valve vaults, auxiliary valve boxes, B-Boxes, etc.) and/or retention basins from the accumulation of silt, debris, or foreign matter of any kind. Utility structures shall be cleaned of any at the end of the project and prior to Village acceptance. Sanitary and storm sewer mains shall be jet cleaned if evidence of debris build-up is present at the time of final inspection. Cleaning may also be required during the course of the construction of the project if it is determined that the silt and debris traps are not functioning properly.
27. The SE/SC process is an evolving process and is subject to change due to field conditions and is shown on this plan for convenience only. Contractor is responsible for coordinating all requirements.

SUGGESTED CONSTRUCTION SEQUENCE AND CONTROL MEASURE CHART

1. Installation of temporary perimeter chain link construction fence. Fence shall enclose site and parkway.
2. Installation of Soil Erosion and Sedimentation Control (SE/SC) Measures
   a. Stabilized Construction Entrance
   b. Silt Fence
3. Provide erosion control blanket on all disturbed areas in Michigan Avenue ROW.
4. Mass Grade Site
5. Strip topsoil, stockpile topsoil and grade site.
6. Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope).
   a. Temporary Seed Disturbed Areas Exposed +14 Days
   b. Slope control areas exceeding 1' vertical to 4' horizontal
7. Install Storm Sewers
   a. Install Storm Sewers and Structures
   b. Install inlet protection
8. Install Remaining Underground Utilities
9. Temporarily stabilize all areas that have reached temporary grade.
10. Install Road and Parking Subgrade
11. Site Construction Work
    a. Curb and Gutter
    b. Paving walks, roads, etc.
12. Remove excess materials and temporary seed all disturbed areas.
13. Replace parkway with 6" topsoil and sod.
14. Complete construction. Complete on-site paving and repair off-site area.
15. Install Permanent Landscaping. Stabilize bottom and side slopes of pond as required by the MWRDGC. See detail 2 on Sheet C9.0.
16. Remove all temporary SE/SC measures after the site is stabilized with vegetation.
17. Perform Continuing Maintenance
18. * SE/SC maintenance must occur every 7 calendar days and after every 1/2" or greater rainfall event.



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

NOTE

1. Erosion control shown applies to plan depicted on Sheet C3.0.

LEGEND

- INLET PROTECTION
- SF SILT FENCE
- ST STORM SEWER
- SLOPE PROTECTION
- C CULVERT INVERT PROTECTION
- PROPOSED ENTRANCE/EXIT CONTROL

1:30 (0 15 30 60)

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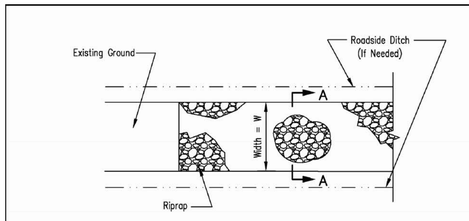
DRAWN BY	CHK'D BY	SCALE	DATE	JOB NO.
RJT		AS SHOWN	10/03/16	Z137

EROSION CONTROL PLAN

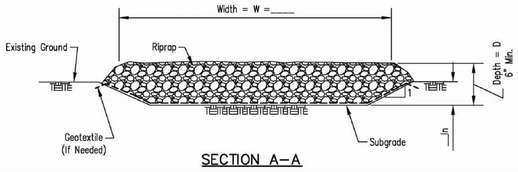
FILE NAME

SHEET NO.
C10.0

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)



PLAN VIEW



SECTION A–A

NOTES:
1. Rock shall meet one of the following IDOT coarse aggregate gradations, 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.
2. See plans for construction road location, D and W dimensions.
3. Minimum width is 14 feet for one–way traffic and 20 feet for two–way traffic. Two–way traffic widths shall be increased a minimum of 4 feet for trailer traffic. Depending on the type of vehicle or equipment, speed, loads, climatic and other conditions under which vehicles and equipment operate an increase in the minimum widths may be required.
4. Roadway shall follow the contour of the natural terrain to the extent possible.
5. Geotextile (non–woven) minimum criteria:

Weight of Geotextile (oz/sq.yd.)	6
Tensile strength (lb) ASTM D 4632	180
Elongation at failure (%) ASTM D 4632	≥ 50
Puncture (lb) ASTM D 4833	80
Ultraviolet light (% residual tensile strength) ASTM D 4355	min 70
Apparent opening size (AOS) ASTM D 4751	max 40 sieve
Permittivity sec^{-1} ASTM D 4491	min 0.70

6. Any geotextile splices shall overlap a minimum of 18 inches, with upstream or upslope geotextile overlapping the abutting downslope geotextile.

CONSTRUCTION ROAD STABILIZATION

NRCS — Natural Resources Conservation Service, United States Department of Agriculture

File No. IL–ENG–58
Drawing No.
Sheet 1 of 1

1 CI01 STABILIZED CONSTRUCTION ENTRANCE
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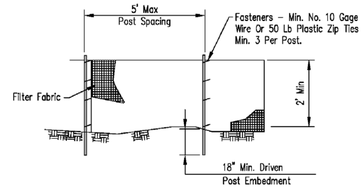
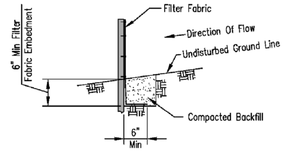


ELEVATION



FABRIC ANCHOR DETAIL

NOTES:
1. Temporary silt fence shall be installed prior to any grading work in the area to be protected. Fence shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either wood post with a minimum cross–sectional area of 1.5" X 1.5" or a standard steel post.
4. When splices are necessary make splice at post according to splice detail. Place the end post of the second fence inside the end post of the first fence. Rotate both posts together at least 180 degrees to create a tight seal with the fabric material. Cut the fabric near the bottom of the posts to accommodate the 6 inch flap. Then drive both posts and bury the flap. Compact backfill well.

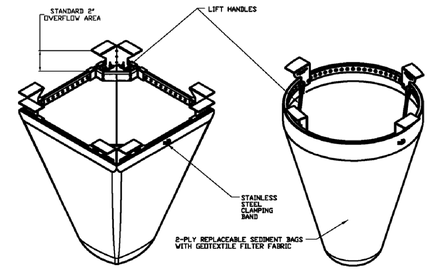
SPLICE DETAIL–PLAN VIEW

SILT FENCE

NRCS — Natural Resources Conservation Service, United States Department of Agriculture

File No. IL–ENG–49
Drawing No.
Page 1 of 1
Sheet of

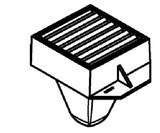
2 CI01 SILT FENCE
SCALE: N.T.S.



TYPICAL FLAT/RECTANGULAR/ROLLED CURB INLET FILTER

TYPICAL ROUND INLET FILTER

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



3 CI01 INLET FILTER PROTECTION
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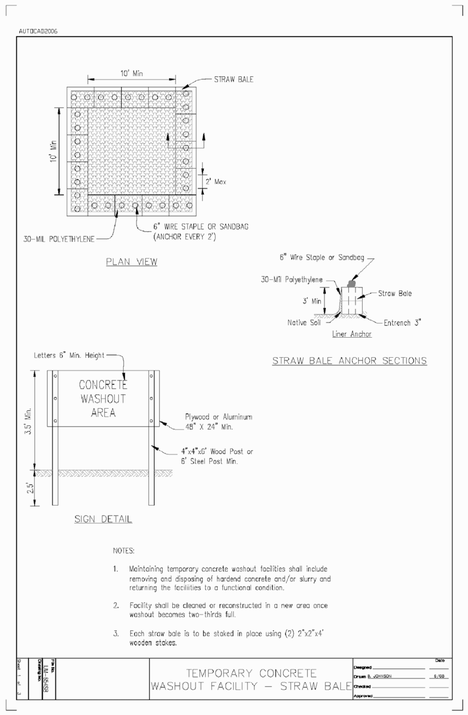

4 CI01 CONCRETE WASHOUT
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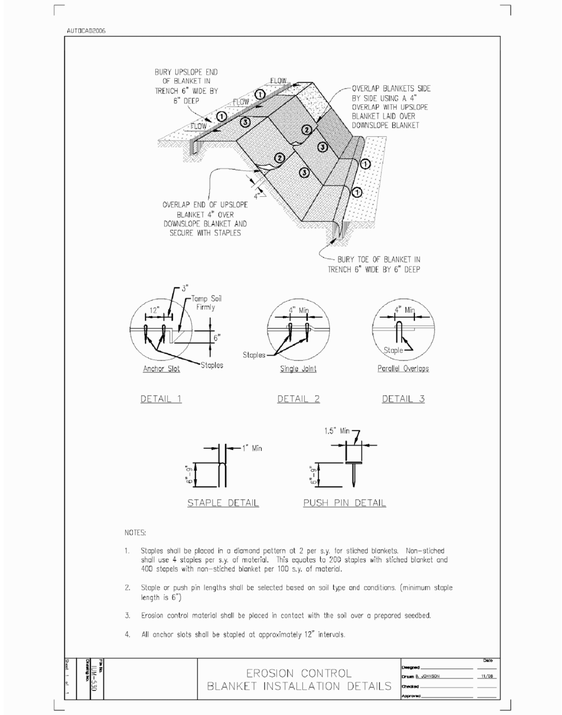

5 CI01 EROSION CONTROL BLANKET
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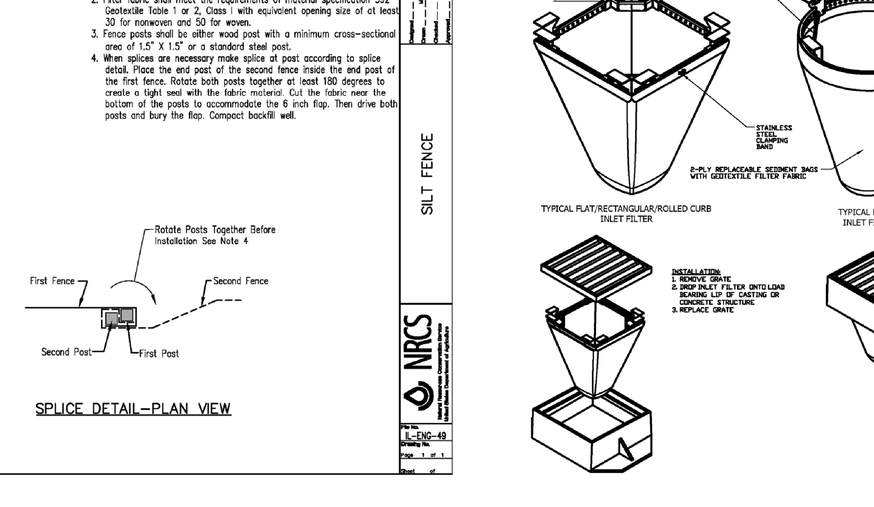

Notes:
1. Sediment shall be removed when the sediment has accumulated to one–half the height of the stone berm.
2. Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA–1, CA–2, CA–3 or CA–4.
3. Riprap shall meet IDOT gradation RR–3 or RR–4. Any permanent riprap such as for the culvert headwall, shall meet IDOT Quality Designation A.
4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
5. The maximum drainage area to the culvert being protected is 3 acres.
6. See plans for H dimension.
7. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

CULVERT INLET PROTECTION STONE

NRCS — Natural Resources Conservation Service, United States Department of Agriculture

File No. IL–ENG–60
Drawing No.
Sheet 1 of 1

6 CI01 CULVERT INLET PROTECTION
SCALE: N.T.S.

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THESE PLANS ARE FOR THE FOLLOWING PURPOSED ONLY, AS INDICATED
☐ REVIEW ONLY
☐ PERMIT
☐ BIDDING
■ CONSTRUCTION
☐ _____

CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

DRAWN BY: RJT
CHK'D BY:
SCALE: AS SHOWN
DATE: 10/03/16
JOB NO.: Z137
FILE NAME:

EROSION CONTROL DETAILS

SHEET NO.
C10.1

Attachment: EXHIBIT - Civil Engineering Plans (2022-16 : Carraig Subdivision - Final Planned Development)

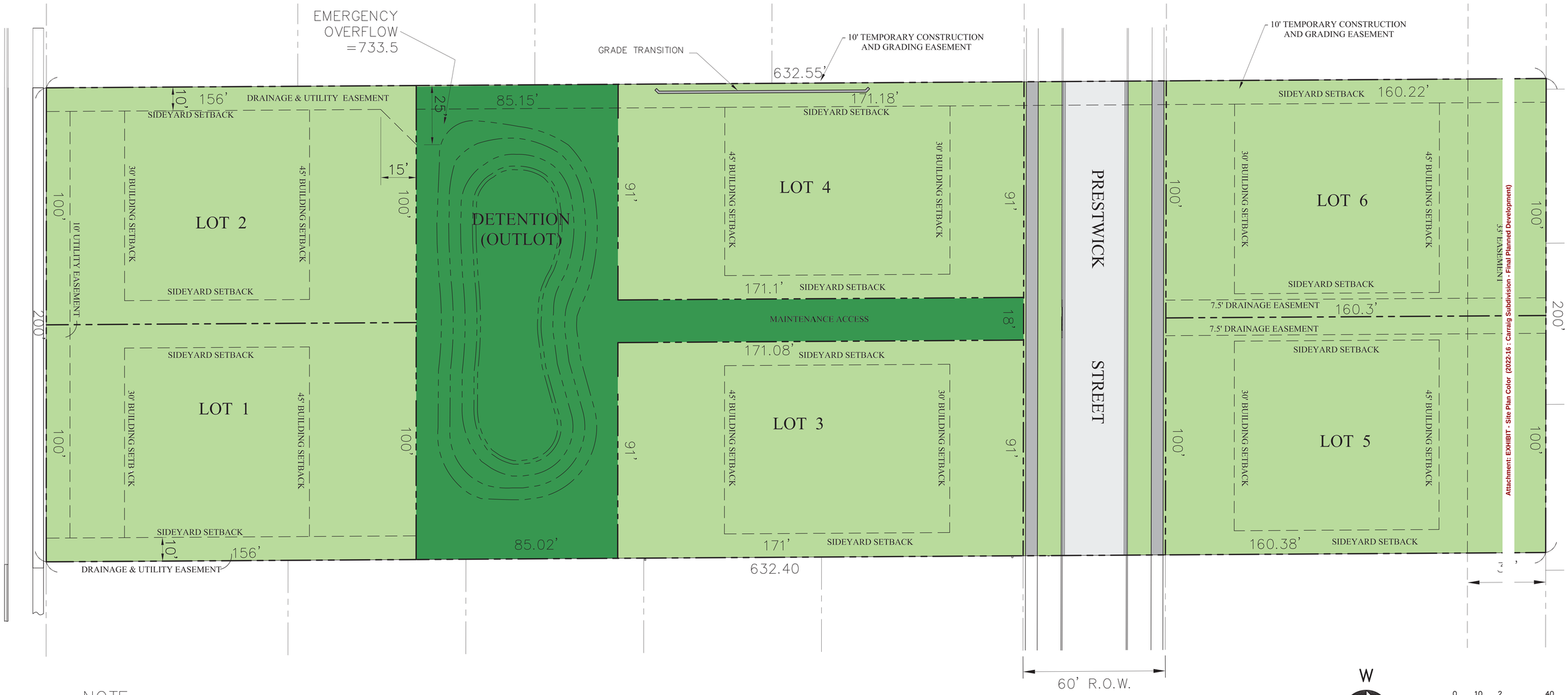
SITE PLAN

6.A.2.d

CARRAIG SUBDIVISION

274 + 286 W. MICHIGAN AVENUE
PALATINE, ILLINOIS

DECEMBER, 05 2016



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

W
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© Groundwork, Ltd.
Architects / Planners / Engineers
Z137 1216

VILLAGE OF PALATINE

VILLAGE OF PALATINE
Plan Commission

SCHEDULED 03/01/22 07:00 PM

CASE STAFF STATEMENT (ID # 7404)

Final Planned Development - Carraig Subdivision - 274 and 286 W. Michigan Avenue

CASE NUMBER: 21-101

PETITIONER:

Willie Cronin - Blackwater Valley Development, Inc.

LOCATION:

274 and 286 W. Michigan Avenue

PROPOSAL:

Final Planned Development to reinstate the Carraig Subdivision 6-lot single-family residential Planned Development.

ZONING AND LAND USE:

The subject property contains two vacant and unoccupied single-family residential homes. The requested planned development reinstatement would construct six new single-family homes and complete an approximately 200-foot roadway section (Prestwick Street), which would connect Carraig Subdivision and the Arcadia Subdivisions.

SURROUNDING ZONING AND LAND USES:

North:	R-2; Unit 1 Pleasant Hill Estates
South:	R-1; A.C, McIntosh and Company's Plum Grove Farms Subdivision
East:	Planned Development; Arcadia Subdivision
West:	Planned Development; Arcadia West

BACKGROUND:

The Subject Property is approximately 2.75 acres and was initially platted as two single-family residential lots. In 2017, the property was approved for a 6-lot subdivision and Planned Development. The Subdivision incorporated the vacation of the southern half (33 feet) of the Gilbert Road right-of-way and 3 feet of Michigan Avenue, directly south of the Subject Property. Per Code, the Planned Development expires after 3 years without any activity, issuance of a building permit, or extension of the Planned

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

Development. Therefore, the Petitioner is requesting:

Final Planned Development to reinstate the Carraig Subdivision Planned Development.

ANALYSIS:

Zoning and Site Design

- The Planned Development expired on March 13, 2020. The Petitioner applied to reinstate the Planned Development in order to construct the required infrastructure improvements and complete the 6 single-family homes. In addition to completing the Prestwick Street connection between Arcadia and Arcadia West Subdivisions, the subdivision would create one stormwater detention outlot.

- As previously approved, the lots conform to the R-1B zoning standards. This was a recommended component of the Michigan Avenue Sub Area Pan, which was adopted as a Comprehensive Plan Amendment in 2007. The table below outlines both the lot area and widths for the subdivision and the minimum R-1 B standards:

Lot #	Lot Area	Lot Width
Lot 1	15,599 sf.	100’
Lot 2	15,599 sf.	100’
Lot 3	15,564 sf.	91’
Lot 4	15,573 sf.	91’
Lot 5	16,033 sf.	100’
Lot 6	16,022 sf.	100’
R-1B Standards	14,000 sf.	85’

- The proposed lots conform the minimum setback requirements and bulk standards of the R-1B district. As before, the plans indicate a 10’ side yard setbacks and the R-1B District requires a minimum of 10’ on a side and a combined total of 25’ combined between both sides. The Petitioner is aware of this requirement and will meet the requirements, but wanted flexibility to determine how to achieve the 25’ combined setback, based upon the individual home plans. Sheet C10.0 of the engineering plans confirms this compliance.

- A stormwater detention outlot is proposed and is approximately 17,000 square feet.

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

It is located on the north side of Lots 1 and 2, with access provided through an 18-foot maintenance/access easement, which terminates into Prestwick Street and is located between Lots 3 and 4.

- With the subdivision approval, a 200-foot by 60-foot section of right-of-way ("Prestwick Street") was approved and the new section of roadway will provide access for lots 3-6 and also connect Arcadia Subdivision and Arcadia West Subdivision. Access to Lots 1 and 2 is provided through their frontage along W. Michigan Avenue.

Engineering

- The proposed detention basin manages on-site stormwater. It drains through a structure into the existing 48-inch storm sewer on the north side of the property. The storm sewer ultimately releases into Salt Creek, east of the Arcadia Subdivision.

- With the approval of Arcadia West Subdivision, the detention basin was oversized to potentially accommodate the Carraig Subdivision. With that in mind, the combined developments may exceed the storm water management requirements for the entire neighborhood.

- While the design of the Carraig Subdivision and the detention basins allow for added stormwater storage for the neighborhood, the Village previously took a neutral position on the detention basin requirement. Staff is presently reviewing the Arcadia West basin capacity and determining the feasibility of eliminating this basin, in conjunction with the Subdivision Ordinance requirements. The elimination of the basin could allow the following changes to the overall plans: 1) A Homeowners Association would not be required and will ultimately reduce the maintenance responsibilities and 2) fencing restrictions would no longer be required. This is ultimately a policy decision for the Village Council and the Petitioner's current Petition (as was the previous request) includes on site detention.

- A sidewalk would be installed along Prestwick Street, with a permanent sidewalk added to Michigan Avenue. The continuous would allow pedestrians to continuously walk through to Cedar Street.

- Parkway trees would be planted, pursuant to the Subdivision Regulations. Sewer and water services would extend from existing mains to service the lots.

- The approved subdivision included the vacation of the southern 33 feet of the

unimproved Gilbert Street right-of-way. This complies with the Sub Area Plan recommendations and the Arcadia Subdivisions.

- The northern 3 feet of the Michigan Avenue right-of-way is proposed to be vacated as part of this proposal. This is consistent with the Village's policy of reducing right-of-way widths to 60 feet and mirrors the adjoining developments.

RECOMMENDATIONS:

The proposed subdivision was previously approved in 2017 and complies with the recommendations of the Michigan Avenue Sub-Area Plan. The infrastructure and roadway improvements will align the surrounding subdivisions and complete the residential redevelopment on the north side of W. Michigan Avenue. Therefore, Staff recommends approval of the Final Planned Development, subject to the following conditions:

1. **The development shall substantially conform to the engineering plans prepared by Groundwork LTD dated 10/03/16 and last revised 01/20/17 except as such plans may be changed to conform to Village Codes and Regulations.**

2. **All future residences shall follow the Village's R-1B zoning standards.**

3. **No privacy fencing shall be permitted abutting the detention basin or the access easement to the detention basin. All fencing shall be of an open wrought iron style fencing in these areas.**

4. **A Homeowners Association shall be created for the maintenance of the detention outlot and the access easement. It shall include conditions related to the fencing restrictions noted in this recommendation and maintenance of the landscape plan attached to the engineering plans. It shall also include a requirement to perform a maintenance inspection for the detention outlot the earlier of every 5 years or at an interval required by MWRD. The HOA Declarations shall be submitted in a manner acceptable to the Village Attorney. The HOA Declarations must be approved by the Village Attorney prior to the recording of the Plat of Subdivision or the issuance of any permits.**

5. **The final engineering plans shall be revised in a manner acceptable to the Village Engineer. If it is determined that the basin at Arcadia West is sufficient for the needs of the neighborhood, conditions 3 and 4 could be**

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

stricken.

6. **A Planned Development letter of credit in amount of $60,000 ($10,000 per lot, per Article 14 of the Zoning Ordinance) shall be submitted.**

7. **A Public Improvement letter of credit in the amount of $385,983.40 (or other Village Engineer approved amount based upon any accepted changes to the EEOC) shall be submitted in a maner acceptable to the Village Engineer.**

8. **Review fees, based upon the finally accepted EEOC shall be submitted in a manner acceptable to the Village Engineer shall be submitted.**

9. **A construction traffic management plan shall be submitted in a manner acceptable to the Directors of Public Works and Planning and Zoning. This traffic management plan shall outline the proposed development schedule and identify the material delivery routes and proposed parking areas for the contractors, prior to the completion of Prestwick Street. A component of this plan shall also include an initial notification, by standard mail, to the residents on the south side of W. Michigan Avenue (263, 271, 285, 301, 325, 335, 351, and 357) once the initial site development schedule is known.**

11. **MWRD, NPDES, and IEPA permits shall be submitted.**

ATTACHMENTS:

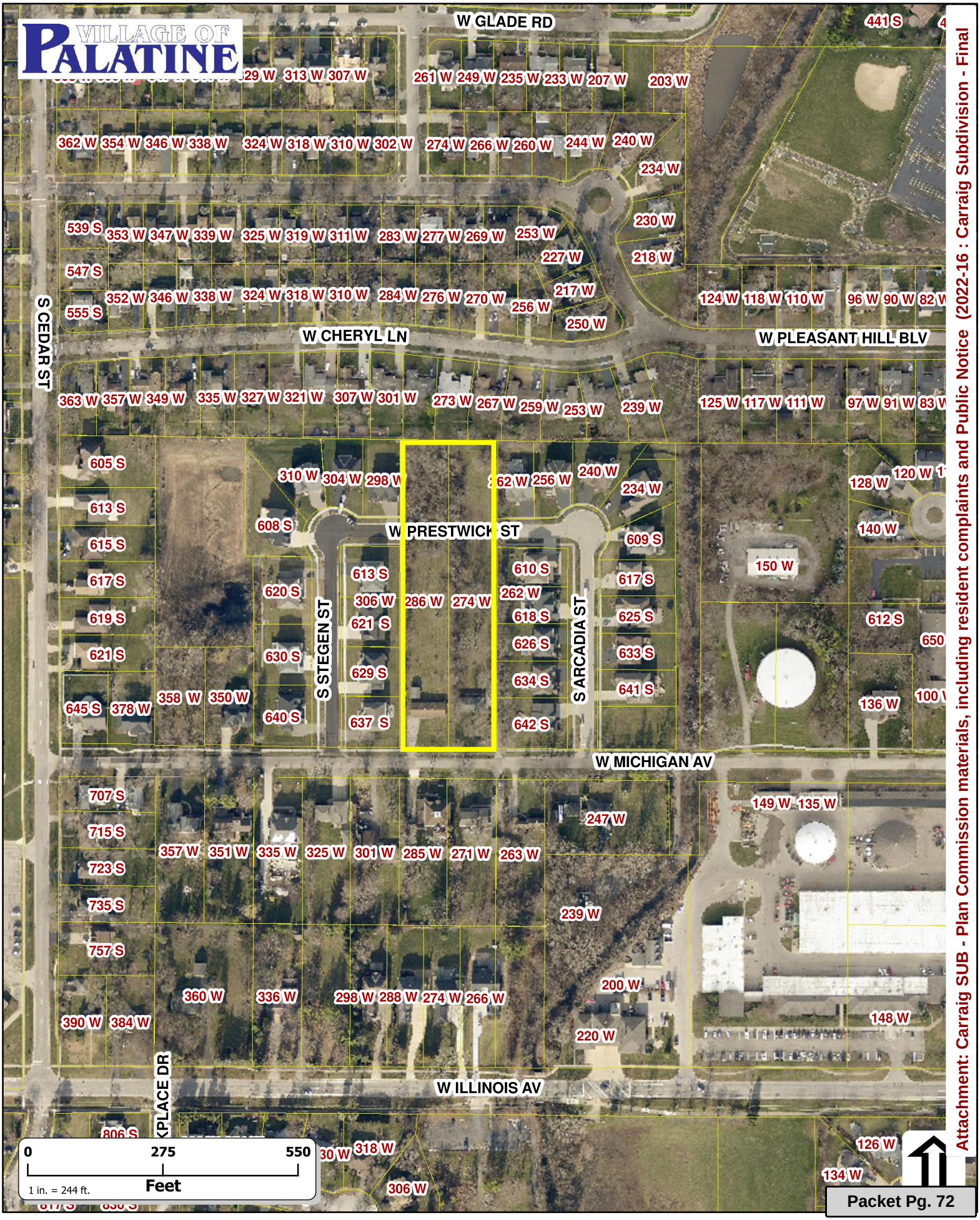
- Aerial Map
- Request letter to reinstate
- Proposed Development Description Outline
- Carraig Subdivision - Civil Engineering Plans
- Site Plan Color
- Representational elevations - Sample Home Photos
- Final Planned Development Application
- Plat of Vacation - appoved, but unexecuted
- Carraig - Plat of Subdivision - approved, but unexecuted
- Rhee Objection email
- Rhee Objection - CARRAIG
- Albright objection
- Carraig Subdivision - Planned Development - #O-020-17 - 274 & 286 W
- Carraig SUB

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

- Plat of Vacation
- Public Notice

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

Village of Palatine GIS Viewer



Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

November 18, 2021

Village of Palatine
Engineering Department
200 E. Wood Street
Palatine, IL 60067

Attn: Mr. George Ruppert, P.E.

Re: Carraig Subdivision
274 and 286 W. Michigan Ave.
Palatine, Illinois
GW Job #Z137

Dear Mr. Ruppert:

Our client and our office have been in contact with Mr. Ben Vyverberg regarding the reinstatement of the previously approved Carraig Subdivision. We have reviewed the previously approved civil engineering plans and calculations. The six developable lots that are proposed for this subdivision are nestled within a larger master planned development that was designed and constructed to conform with Village and MWRD ordinances. We would like to complete the development process for this neighborhood. As discussed, we propose to continue to provide the stormwater detention and volume control that was planned for, designed, and originally permitted.

Village stormwater detention requirements are incorporated into the previously approved permit drawings. We are requesting a waiver for any difference that may exist between today's requirements and stormwater detention as shown on the previously approved permit drawings.

We understand that we will be providing updated civil engineering plans with a formal permit submittal, and that these plans will include a revised sanitary sewer connection to the existing sanitary sewer in Michigan Avenue. The preliminary design for the revised sanitary sewer is incorporated into the attached civil engineering drawings. We further understand that revised plans will need to be submitted to MWRD for permit. Also attached is an engineer's opinion of probable construction cost, updated to show these revisions to the sanitary sewer system as well as adjustments for construction pricing increases since our original submittal.

We respectfully request your acceptance of our waiver request.

Please contact us if you need any additional information.

Very truly yours,

GROUNDWORK, LTD.
ARCHITECTS/PLANNERS/ENGINEERS

Marek K. Klonowski, P.E.
Civil Engineering Director

Copy: B. Vyverberg
W. Cronin

Encl.: Civil Engineering Plans
Engineer's Preliminary Opinion of Probable Cost

GROUNDWORK, LTD.
ARCHITECTS / PLANNERS / ENGINEERS
351 WEST DUNDEE ROAD, SUITE A
BUFFALO GROVE, ILLINOIS 60089
847.541.4151 - FAX 847.541.4066
gworkltd@sbcglobal.net

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Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

Date: November 18, 2021

Re: Proposed 2.74 AC Single Family Development
Michigan Avenue, Palatine, Illinois

By: Blackwater Valley Development
7510 Oriole Avenue
Chicago, IL 60631

Outline Description of Proposed Carraig Subdivision

The currently proposed development is the same as that previously approved by the Village of Palatine and consists of two (2) lots, totaling 2.74 Acres, commonly known as 274 & 286 W. Michigan Avenue. The proposed project program is intended to combine both existing parcels into the new Carraig Subdivision which would consist of six (6) single-family lots and an area created for the collective Stormwater Management (on-site detention) of the development. The development would include the extension of the W. Prestwick Street Right-of-Way and its appropriate on-site road improvements as well as typical and appropriate limited improvements along the sites Michigan Avenue frontage. No modifications to the previously approved program are contemplated.

The subject site is currently Zoned as R-1 and is located in an area over which the Village currently has a "Sub-Area Plan" (Ord. #0-182-07) in place which recommends rezoning for new development under the R-1B zoning parameters and the Developer seeks to pursue a rezoning to the R-1B District and the plan would be consistent with the R-1B District regulations and the Sub-Area Plan parameters. Each of the six (6) lots is planned to exceed the minimum area and width standards of the R-1B Zoning.

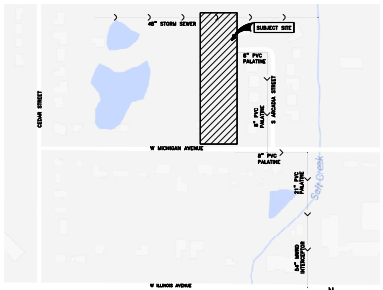
It would be proposed by the Developer that the Village's existing undeveloped 33' wide R.O.W. for "Gilbert Road" north of the property and the abutting existing additional 3’ of Michigan Avenue R.O.W. south of the subject property would be vacated and incorporated into the site and the development plan as part of the approval process. These R.O.W. vacations and re-dedications are consistent with the program that has been followed for and with other developments along this section of Michigan Avenue.

ENGINEERING PLAN FOR DEVELOPMENT

274 & 286 W. MICHIGAN AVENUE
PALATINE, ILLINOIS

OWNER:

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631



LOCATION MAP
NO SCALE

STANDARD LEGEND

EXISTING	DESCRIPTION	PROPOSED	EXISTING	DESCRIPTION	PROPOSED
690	Contours	690		Straw Bale Inlet Protection	
SAN	Sanitary Sewer (Size As Indicated)			Inlet Filter Basket	
ELEC	Storm Sewer (Size As Indicated)		G	Gas Line	G G
W	Watermain (Size As Indicated)	W W		Wood Fence	
	Top of Foundation Elevation	TF XXX.XX		Chain Link Fence	
	Finish Grade Elevation	FG XXX.XX		Wire Fence	X X
X 683.25	Spot Elevations	X 683.25	W	Water Service	W W
	Power Pole			Sanitary Service	
	Utility Pole			Storm Service	
	Street Light			Silt Fence	SF
	Utility Crossing		T	Telephone Line	T T
	Fire Hydrant with Auxiliary Valve		E	Electric Line	E E
	Water Buffalo/Box			Cable TV Line	CATV
	Watermain Valve Vault				
	Gas Valve				
E	Electric Manhole	E			
T	Telephone Manhole	T			
	Catch Basin (Type A)				
	Sanitary Clean Out				
	Sanitary Sewer Manhole				
	Storm Sewer Manhole				
	Storm Sewer Inlet (Type A)				
	Depressed Curb				
	Headwall				
	Flared End Section				
	Deciduous Tree				
	Coniferous Tree				
	Tree to be Saved	OR			
	Tree to be Removed	OR			
	Minor Drainage Route				
	Summit				
	Swale				
	Pond Over Flow				
	Major Flood Route to Pond				

LEGEND

MH-1 737.00 724.85 = Proposed Sanitary Manhole (rim / Invert)

MH-S 736.00 729.64 = Proposed Storm Sewer Structure (rim / Invert)

OS # 1 = Outlet Structure # 1

PROJECT BENCHMARK

Provided By: Per Plans by Spies & Associates, Inc.

Source & Job Benchmark:
Chiseled square on southeast corner of the headwall approximately 75 South of the Public Works Entrance.
U.S.G.S./ Elevation = 731.71

WARNING

CALL J.U.L.I.E. TOLL FREE 800-892-0123

CALL BEFORE YOU DIG

(48 HOURS NOTICE REQUIRED PRIOR TO DIGGING)

NOTE:

Contractor To Take Special Care To Locate And Avoid Existing Utilities. Engineer Shall Be Notified Of Any Conflict Prior To Construction.

GENERAL NOTES:

1. All work, including the earthwork, paving, water, sewer and underground utility improvements, shall be constructed and tested in accordance with the following Standard Specifications, as applicable, except as modified by these specifications or by the local municipality. These Standard Specifications include, but are not limited to the following:
   a. "Standard Specifications for Water and Sewer Main Construction in Illinois", (SSWSMCI) latest edition;
   b. "Standard Specifications for Road and Bridge Construction," (SSRBC) and all addenda thereto, as prepared by IDOT (the Illinois Department of Transportation), latest edition;
   c. The "Illinois Manual on Uniform Traffic Control Devices" (IMUTCD) as prepared by IDOT, latest edition;
   d. the Standard Specifications and construction details and ordinances of the MWRD;
   e. American Society for Testing and Materials (ASTM);
   f. American Water Works Association (AWWA);
   g. Illinois State Plumbing code, latest edition;
   h. the Illinois Urban Manual (IUM), as maintained by the Association of Illinois Soil and Water Conservation Districts;
   i. the Subdivision and Development Codes / Ordinances, the Standard Specifications and the construction details and notes of the Village of Palatine, as published by the Municipality;
   j. Pavement design shall conform to the Village of Palatine Code of Ordinances-Appendix B - Subdivisions, 8.03. Street Pavement Standards;
   k. the requirements of the IEPA (Illinois Environmental Protection Agency);
   l. and any other applicable codes or ordinances. Contractor to verify additional requirements and standard details directly with the Village prior to construction and incorporate into the project.
2. In case of conflict in the ordinances, the Village development ordinance and other Village requirements shall control on site
3. The Contractor shall comply with all State and Federal Safety Regulations as outlined in the latest revisions of the Federal Construction Safety Standards (Series 26) and with applicable provisions and regulations of the Occupational Safety and Health Administration.
4. Notice shall be given by the Contractor, at least 48 hours prior to commencement of the work, to the following entities:
   a. Village of Palatine (847) 359-9049
   b. Commonwealth Edison
   c. North Shore Gas
   d. SBC
   e. Groundwork, Ltd. (847) 541-4151
   f. These contact numbers are provided for convenience purposes only. It is the responsibility of the Contractor to make the proper notification, even if the provided numbers change or become inoperable.
5. Electric, telephone, natural gas, cable and other utility companies including the Village of Palatine may have underground and/or overhead service facilities in the vicinity of the proposed work. The Contractor shall be responsible for the location and verification of all existing utilities prior to construction and 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 Contractor shall contact J.U.L.I.E. at (811) or (800) 892-0123 at least 48 hours prior to start of work for utility locations, and shall coordinate all work with any other applicable public utility companies. All other agencies shall also be notified as required. In case of conflict, the Contractor shall contact the Engineer at once.
6. Locations of existing underground utilities as indicated on the plans are approximate and are based on existing records and the best available information. The Contractor shall not rely upon the accuracy of the utility information indicated on these plans. Contractor shall field verify all existing utilities (locations, dimensions, elevations, etc.) that are affected by the work prior to the commencement of construction of the improvements and shall be responsible for any damage thereto. Contractor shall exercise caution in all locations of existing utilities. Notify the engineer immediately if discrepancies are found.
7. Existing information shown on drawing is from the Plat of Survey from information prepared by John M. Henriksen, Surveyor, and is available from Owner. Other topographic and site information is from plans prepared by Spies and Associates, Inc. for plans that were prepared for "Arcadia West" and the "Arcadia Subdivision."
8. Contractor shall review geotechnical investigation prepared by Soil Investigation, Itasca, Illinois dated 10/27/2016. Copy of report is available from Owner.
9. Existing Conditions are shown as half-toned on the plans.
10. All dimensions are to back of curb or edge of pavement unless otherwise noted.
11. The work shall be subject to inspection by State and Local Authorities under whose jurisdiction the work falls.
12. The Contractor is responsible for obtaining all necessary permits, including from the State, County and Village.
13. All areas disturbed by construction shall be restored per Village of Palatine requirements.
14. See "Soil Erosion and Sedimentation Control Notes" as part of these plans for additional information.
15. The Contractor shall indemnify Groundwork, Ltd., and the Village of Palatine and their agents, from all liability involved with the construction, installation and testing of work associated with this project.
16. Errors and omissions in reviewing the plans and or specifications shall not relieve the Contractor from constructing the improvements per Village requirements.
17. No material storage / stockpiles within 10' of perimeter lot lines.
18. Portable toilet on site shall not be located within 10' of perimeter lot lines.
19. Provide lot line staking at 50' intervals.
20. Provide construction signs on property, visible from street.
21. Provide water tank or water truck for water source during demolition and construction, when needed.

INDEX

LAST REV.	SHEET NO.	DESCRIPTION
11/18/21	C0.0	COVER SHEET
05/01/17	C1.0	DEMOLITION PLAN
01/20/17	C2.0	PAVING PLAN
01/20/17	C3.0	GRADING PLAN
01/20/17	C3.0A	GRADING PLAN ALTERNATE
11/18/21	C4.0	UTILITY PLAN
05/01/17	C7.0	WATER AND SANITARY SEWER PROFILE
11/23/16	C8.0	NOTES
05/01/17	C9.0	DETAILS
05/01/17	C9.1	DETAILS
01/20/17	C9.2	DETAILS
05/01/17	C10.0	EROSION CONTROL PLAN
11/23/16	C10.1	EROSION CONTROL DETAILS

4

To the best of my knowledge and belief, the drainage of the surface waters will not be changed by the proposed development. If any drainage patterns will be changed, reasonable provisions have been made for the collection and diversion of such surface waters in to the public area, or drains approved for the use by the municipal engineer, and such surface waters are planned for in accordance with generally accepted engineering practices so as to reduce the likelihood of damages to adjoining properties.

Groundwork, LTD plans prepared by and/or under the direct supervision of: 11/18/21

Marek K. Klonowski
Licensed Professional Engineer of Illinois
062-046900,
Expires : 11-30-21

LICENSED PROFESSIONAL ENGINEER MAREK K. KLONOWSKI 062-046900 STATE OF ILLINOIS

GROUNDWORK, LTD.
ARCHITECTS PLANNERS ENGINEERS
351 WEST DUNDEE ROAD, SUITE A
BUFFALO GROVE, ILLINOIS 60089
847.541.4151
team@groundworkltd.com

COPY

NO	DATE	BY	REVISION / ISSUE
1	11/23/16	MKC	NORTH COOK SWCD
2	01/20/17	MKC	REVISED PER VILLAGE COMMENTS
3	02/03/17	MKC	REVISED PER N. COOK SWCD COMMENTS
4	04/26/17	MKC	REVISED PER IEPA COMMENTS
5	05/19/21	MKC	REVISED PER MWRD COMMENTS
6	11/18/21	MKK	CBR VILLAGE REVIEW

SCOPE DOCUMENTS

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THESE PLANS ARE FOR THE FOLLOWING PURPOSES ONLY, AS INDICATED

- [x] REVIEW ONLY
- [ ] PERMIT
- [ ] BIDDING
- [ ] CONSTRUCTION

CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

DRAWN BY	RJT
CHKD BY	
SCALE	AS SHOWN
DATE	10/03/16
FILE NAME	
JOB NO.	Z137
SHEET NO.	C0.0

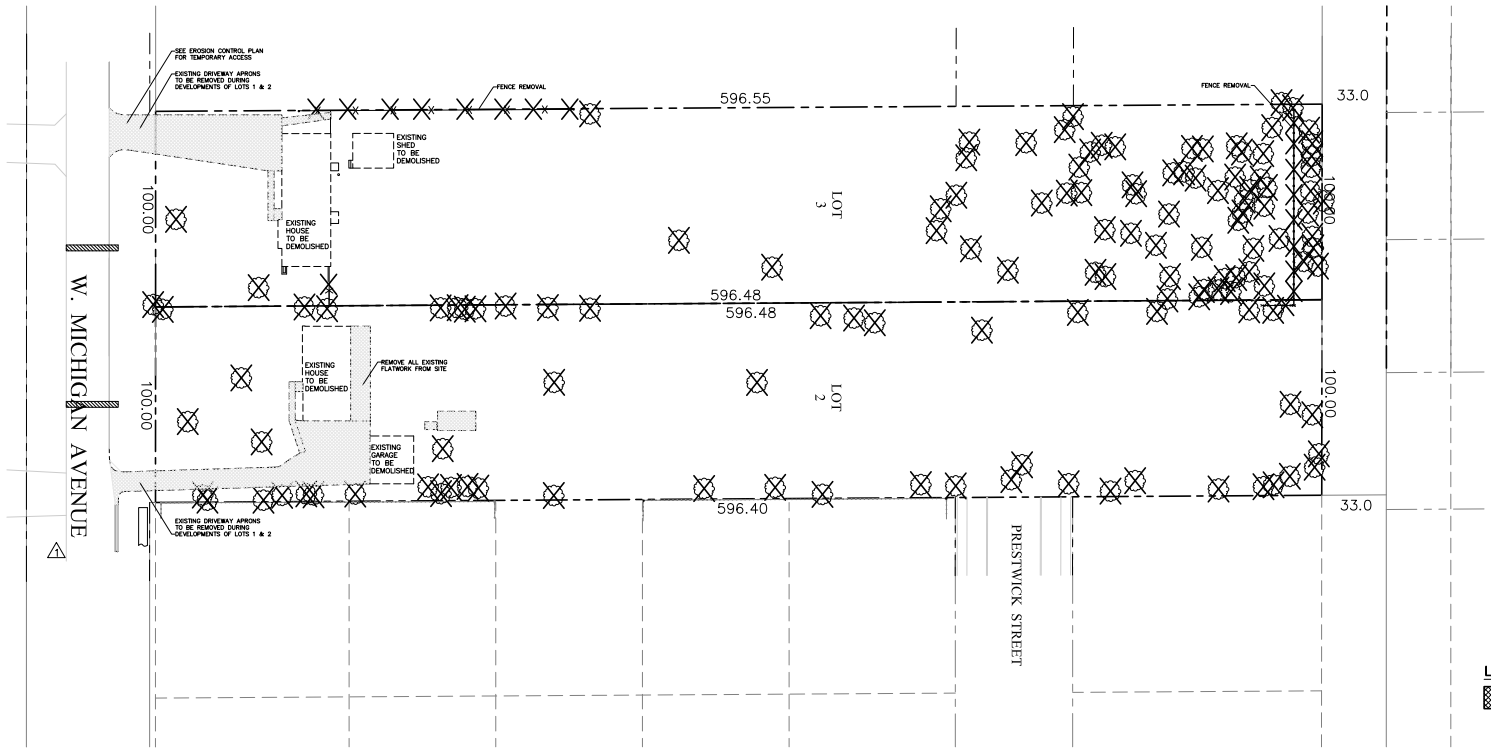
COVER SHEET

Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

DEMOLITION NOTES

1. Remove and cap existing wells and/or septic fields, tanks, etc if any, from site conforming to IEPA and Cook County Department of Health requirements.
2. Remove all existing structures that are not to be reused from site.
3. Any abandoned or unused water mains, water service, sanitary sewer, or sanitary service shall be disconnected at the main, and capped. The disconnection and capping of the utility, shall be witnessed and approved by the Village Engineer. Remove all on-site service lines.
4. Any abandoned storm or sanitary structure or water valve vault shall be removed.
5. All existing building elements, including foundations, shall be removed from the site.
6. Remove all trees on site unless specifically noted otherwise.
7. All abandoned or plugged sewers shall be plugged at both ends with at least 2 feet long non-shrink concrete or monitor plug.
8. Engineer is not aware of any septic on site. Should any septic be found, abandoned tanks shall be filled with granular material or removed.



LEGEND

EXISTING OLD PAVEMENT TO BE REMOVED

TREE/FENCE REMOVAL

0 15 30 60

1:30

W S N E

ARCADIA SUBDIVISION
RECORDED JUNE 10, 2013
AS DOCUMNET #1316144091

ARCHITECTS PLANNERS ENGINEERS

GROUNDWORK
391 WEST DUNDEE
BUFFALO GROVE, IL

COPY

NO	DATE	BY	REVISION / ISSUE
	11/23/16	MHC	NORTH COOK SWCD
3	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
4	05/01/17	MHC	REVISED PER MWRD COMMENTS

SCOPE DOCUMENTS

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- ☐ BIDDING
- ■ CONSTRUCTION

CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

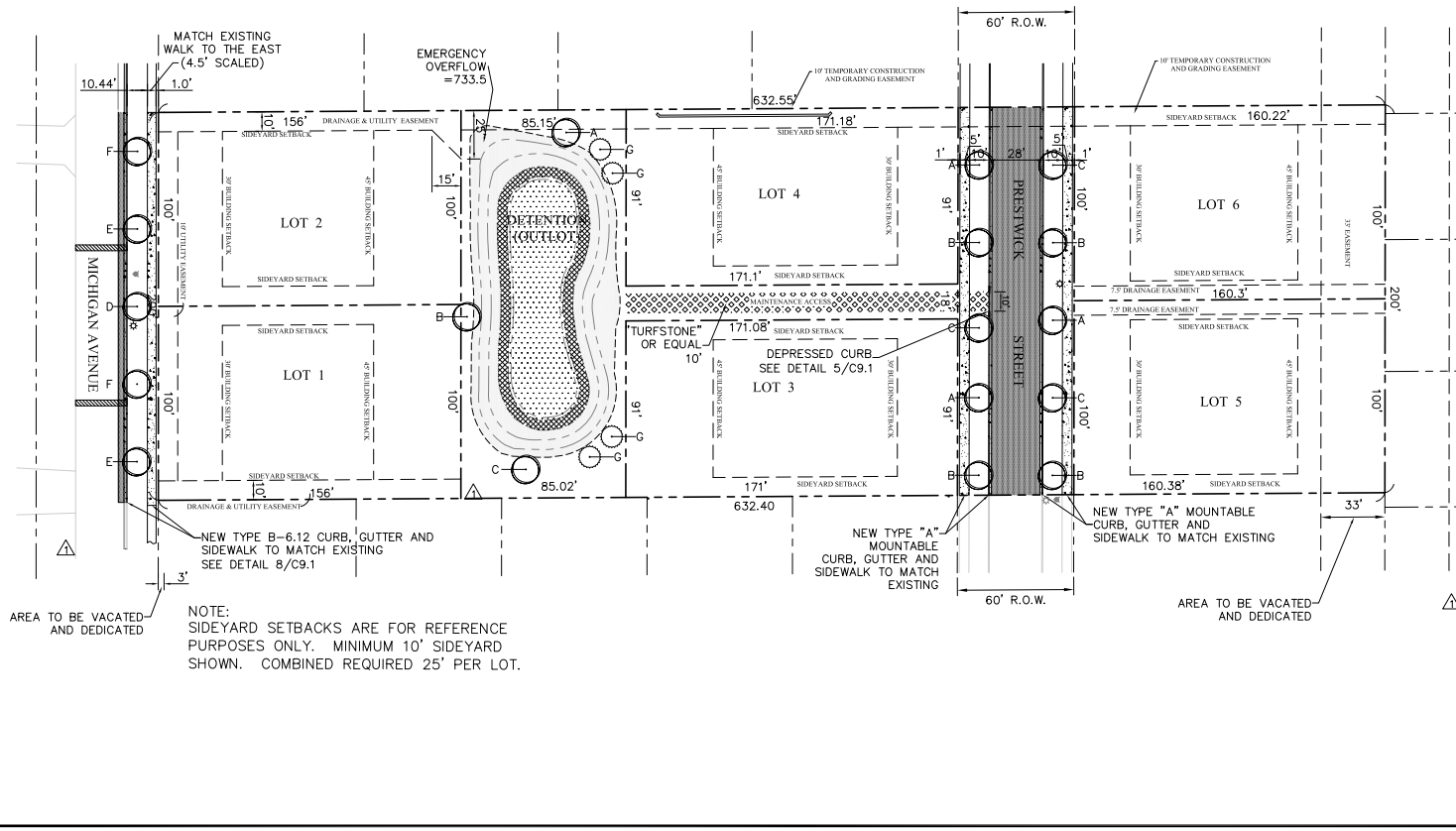
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

DRAWN BY	SCALE
RJT	AS SHOWN
CHKD BY	FILE NAME
DATE	JOB NO.
10/03/16	Z137

DEMOLITION PLAN

SHEET NO.
C1.0

Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)



PAVING NOTES:

1. Contractor shall review geotechnical information as listed on the cover page.
2. All dimensions are to back of curb, or edge of pavement, unless otherwise noted.
3. Pavement design shall conform to the Village of Palatine Code of Ordinances-Appendix B - Subdivisions, 8.03. Street Pavement Standards
4. All joints made with existing pavement, walk or curb and gutter are to be saw-cut full depth.
5. The minimum structural number for all pavement design shall be 3.5.
6. The pavement section designs indicated are minimum valves only based on Village of Palatine code requirements. The pavement section design and subgrade preparation is subject to the review / approval of the project's Soils Engineer and / or the project's Structural Engineer.
7. Asphalt paving shall be installed in two lifts. The first lift to be placed as soon as possible to facilitate site access. The second lift shall be placed ten days to one week prior to substantial completion of building. Cutting and or patching of asphalt is not acceptable.
8. Portland cement concrete shall be designed for a minimum twenty-eight (28) day compressive strength of 3,500 PSI.
9. Curb transitions from depressed to full height shall be 2' minimum and shall be parallel to walk where walk is adjacent to curb.
10. Pavement sections to be as follows:
11. Prestwick Street pavement section shall be:
    a. 1-1/2" bituminous surface course, Superpave, Mix C, N50
    b. 2-1/2" bituminous binder course, IL-19, N50.
    c. 13" CA-6 base course, Grade 8 or 9.
12. Sidewalks are shown for representational purposes only. Sidewalks for all lots to be completed during development, respectively.
13. Curbs at Prestwick Street shall be Type "A" mountable curb. Curb at Michigan Avenue shall be Type "B6-12."
14. Protect existing off-site areas, including fencing.
15. Provide street name signs per Village requirements. Provide shop drawings to Village for approval prior to installation.
16. Direct buried cables placed under pavement shall be sleeved.
17. All signs including installation shall comply with the MUTCD standards.
18. See Plat by others for other general Site Easement information and requirements.
19. Provide appropriate trees required by the village. Trees are to be placed every 40 feet, adjust and coordinate final locations with actual driveways.
20. Parkway is to be replaced with sod and 6" topsoil.
21. Trees and shrubs are shown for informational purposes only. Contractor/Owner shall provide all shown trees and be responsible for all planting needs.

LEGEND

- PROPOSED CONCRETE WALK (4" THICK)
- PROPOSED BITUMINOUS PAVEMENT--HEAVY DUTY -SEE DETAIL 6/C9.1
- "TURFSTONE"
- VOLUME CONTROL AREA EMERGENT LIVE PLANTING. -SEE DETAIL 2/C9.0
- EMERGENT SEEDING -SEE DETAIL 2/C9.0
- WET PRAIRIE/PRAIRE SEEDING -SEE DETAIL 2/C9.0
- DEPRESSED CURB

STREET TREE KEY
A = 2-1/2" STATE TREE MAPLE
B = 2-1/2" AMERICAN SENTRY LINDEN
C = 2-1/2" CRIMSON KING MAPLE
D = 2-1/2" HEDGE MAPLE
E = 2-1/2" AMUR MAPLE
F = 2-1/2" TARARIAN MAPLE
G = 6'-0" BLUE SPRUCE

0 15 30 60
1:30

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SCOPE DOCUMENTS
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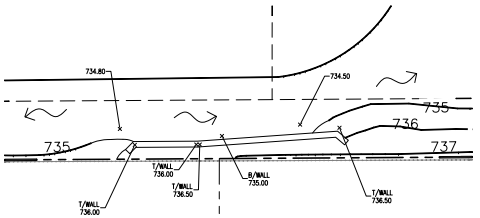
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

PAVING PLAN

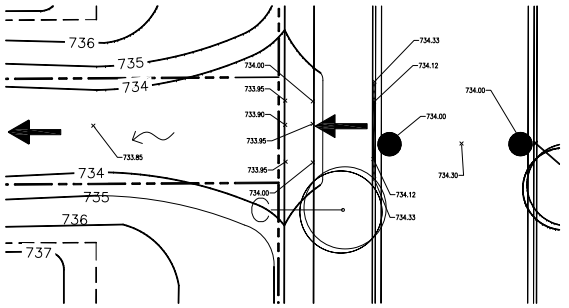
DRAWN BY	SCALE	FILE NAME
RJT	AS SHOWN	
CHKD BY		
DATE	JOB NO.	
10/03/16	Z137	

SHEET NO.
C2.0

Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)



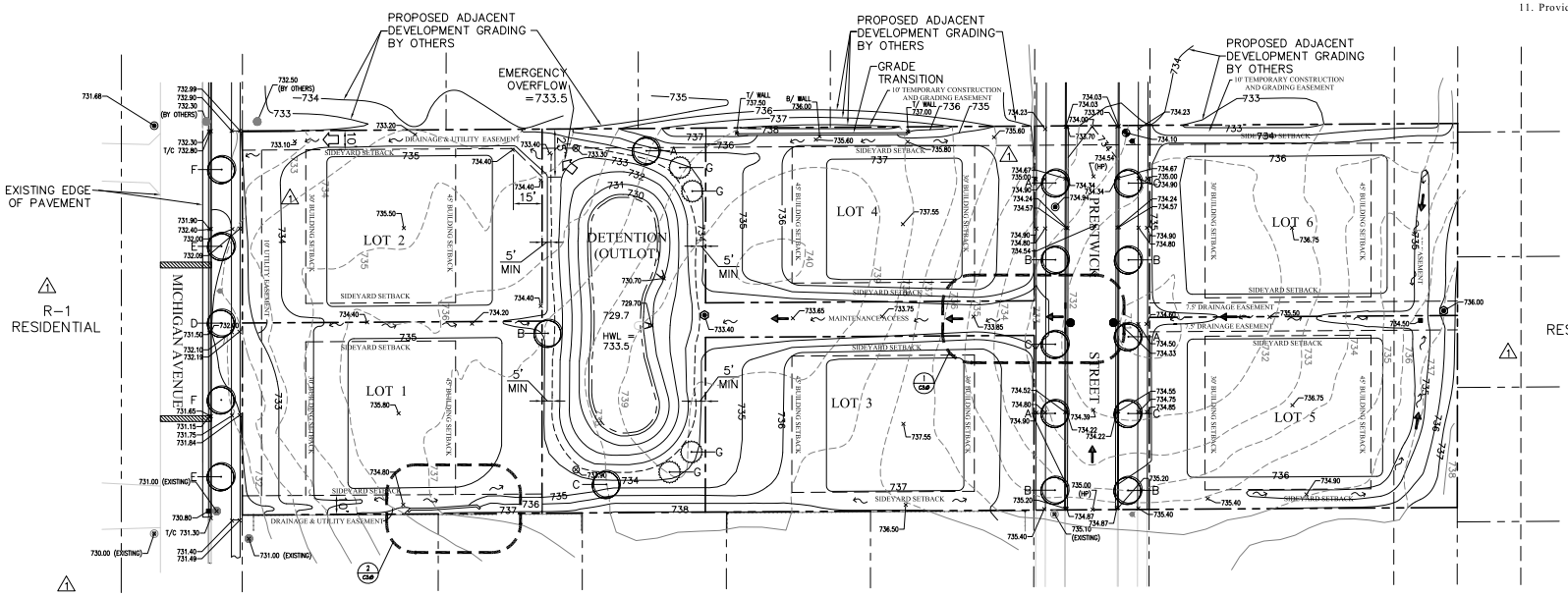
2 C3.0 ENLARGED PLAN - GRADE TRANSITION
SCALE: 1" = 10'



1 C3.0 ENLARGED PLAN - MAINTENANCE ENTRANCE
SCALE: 1" = 10'

GRADING NOTES:

1. Contractor shall review geotechnical information as listed on the cover page.
2. Embankment material within roadway, driveway, parking areas, and other structural clay fill areas shall be compacted to a minimum of ninety-five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method), or to such other density as may be determined appropriate by the Soils Engineer. Embankment material for building pads and other structural fill areas shall be compacted to a minimum of ninety five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method) or to such other density as may be determined appropriate by the Soils Engineer.
3. Fill material used must be compacted to at least 95 percent of standard laboratory maximum dry density (standard proctor), according to ASTM Standard D-698. Fill soils must be fine-grained soils of low permeability, such as those classified as CH, CL, SC, or ML according ASTM Standard D-2487, Classification of Soils for Engineering Purposes. See Table 1804.2 in the 2003 International Building Code (IBC) for description of these soil types.
4. Granular backfill placed underneath all paved areas shall be compacted in lifts not exceeding 6" and compacted to 95% modified proctor.
5. Storm structure rim elevation at curbs refer to flow line elevation.
6. Final grading shall match existing grades at all property lines unless approved otherwise by and with Village Engineer (see Sheet C3.0A).
7. Engineer is to be advised of any staked dimensions that vary from the reference design dimensions by more than 0.2'.
8. Maximum side yard slope shall be 10%.
9. Contractor shall maintain overall drainage pattern & design and shall advise engineer in event of any potential conflict.
10. Coordinate finial individual lot grading with final house deigns for each lot. Grading shown is intended to establish individual and overall site perimeter and drainage flows.
11. Provide grading for positive drainage with in buildable area.



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

LOT	BASIC TOP OF FOUNDATION
1	735.8
2	735.5
3	737.55
4	737.55
5	736.75
6	736.75

R-1 RESIDENTIAL PUD

0 15 30 60
1:30

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BUFFALO GROVE, IL

NO	DATE	BY	REVISION / ISSUE
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1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

SCOPE DOCUMENTS
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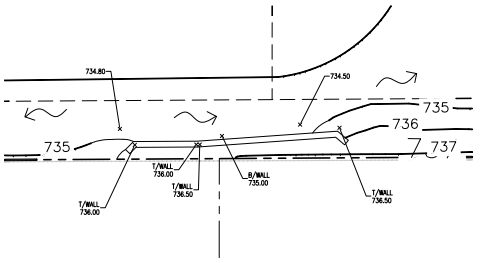
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

SCALE: AS SHOWN
GRADING PLAN
DRAWN BY: RJT
CHKD. BY:
FILE NAME:
DATE: 10/03/16
JOB NO.: Z137
SHEET NO.: C3.0

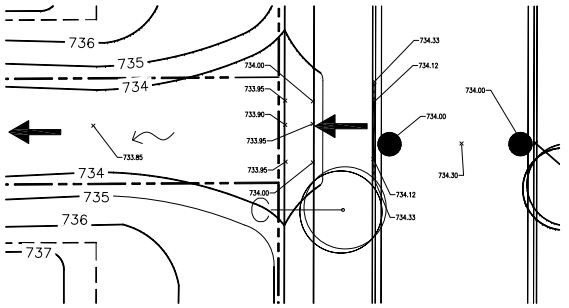
Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

ALTERNATE



2 C3.0A ENLARGED PLAN - GRADE TRANSITION
SCALE: 1" = 10'



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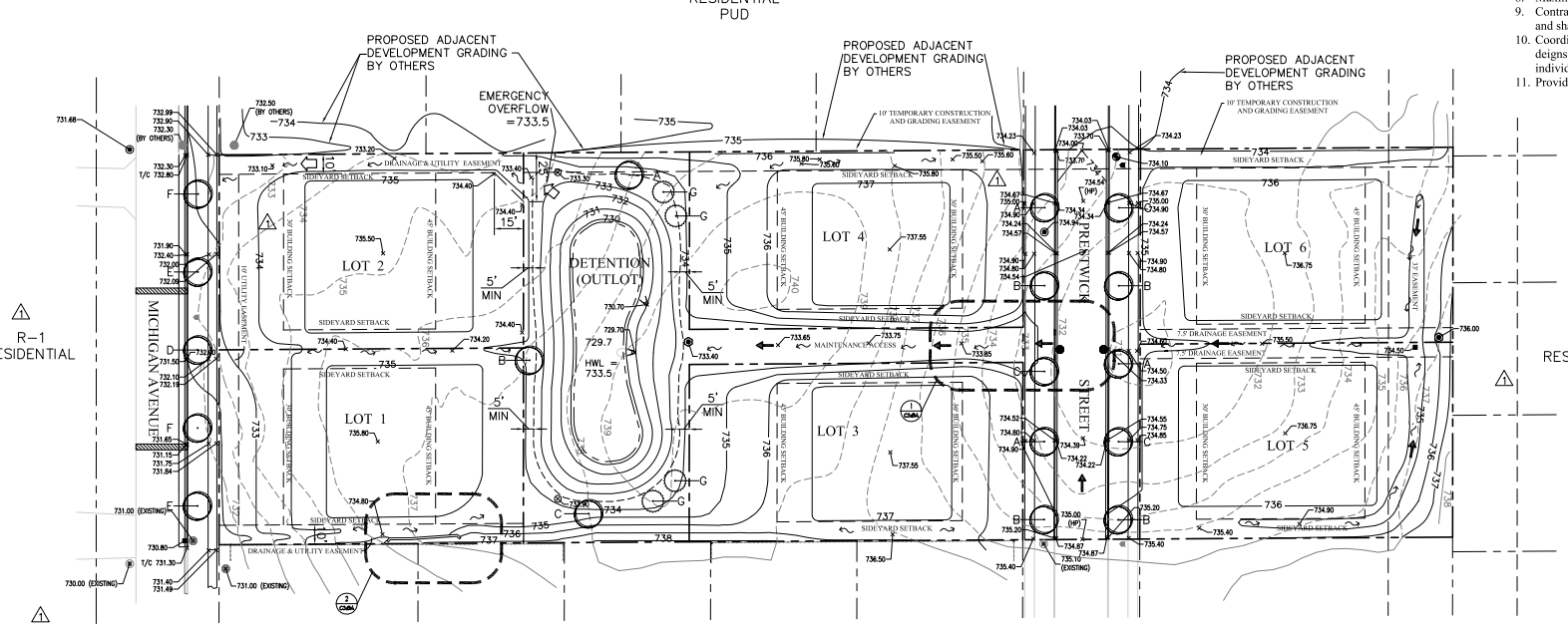

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LOT	BASIC TOP OF FOUNDATION
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0 15 30 60
1:30

W S N E

ARCHITECTS PLANNERS ENGINEERS
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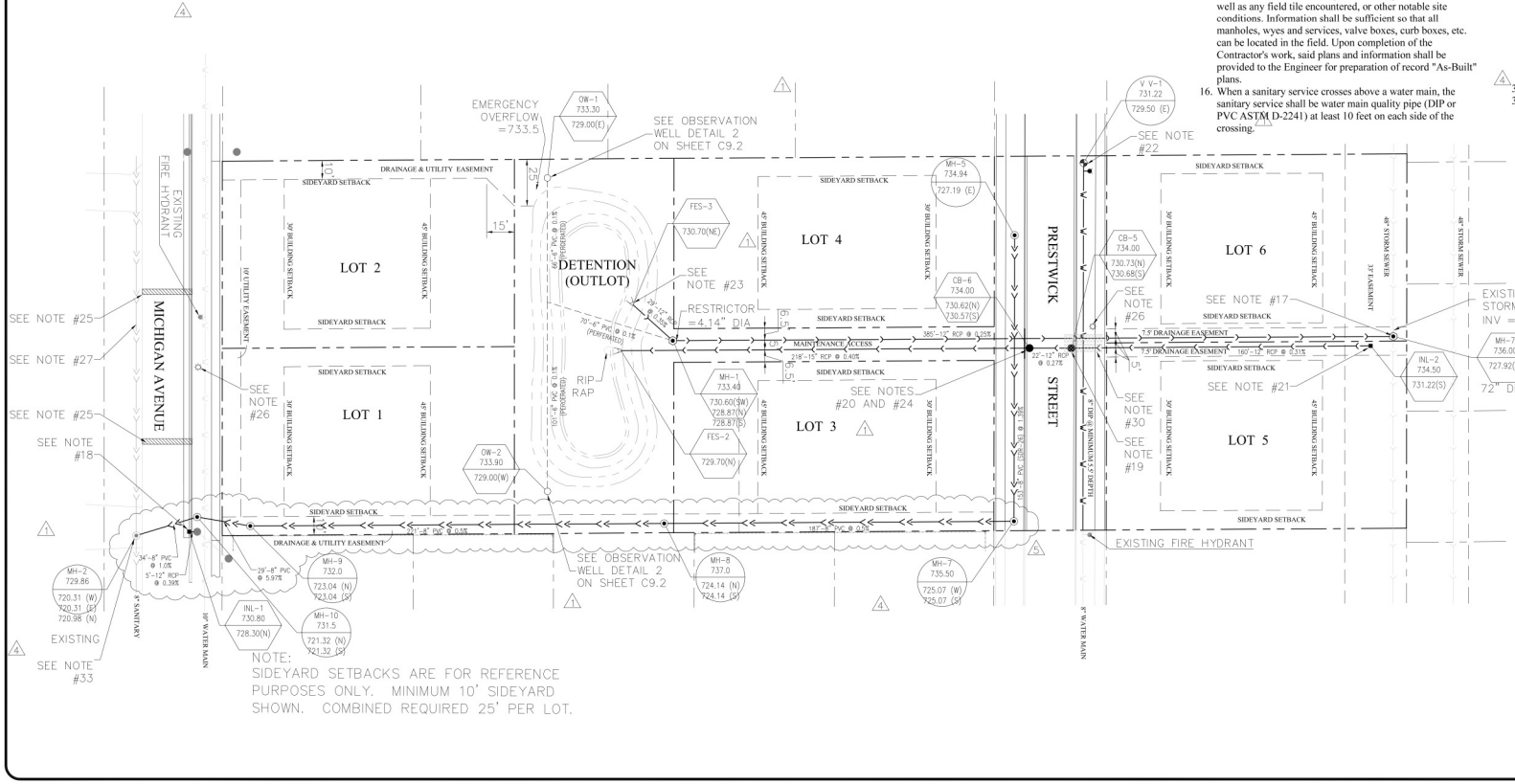
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

SCALE: AS SHOWN
GRADING PLAN ALTERNATE
DRAWN BY: RJT
CHKD BY:
FILE NAME:
DATE: 10/03/16
JOB NO.: Z137
SHEET NO.: C3.0A

Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)

UTILITY NOTES:

1. All utility improvements shall conform with current Village standards.
2. Storm structure rim elevations at curbs refer to flowline elevation.
3. See utility details for additional information.
4. All utilities within 5 feet of and within proposed sidewalks, roads, driveways, etc. shall have trench backfill.
5. Contractor to locate existing utilities prior to construction. Engineer shall be notified of any conflict prior to construction.
6. Minimum cover on all water mains shall be 5'-6".
7. Hydrant leads shall be min. 6" in diameter.
8. All storm manhole covers shall be open grate, unless indicated otherwise.
9. All storm sewers shall be constructed of RCP, minimum Class IV. Joints shall be rubber ring, conforming to ASTM C-361
10. The Contractor shall locate any existing field tiles encountered and shall connect to the proposed storm drainage system.
11. Prior to construction, Contractor shall verify in field invert elevations of all existing sanitary manholes that new work is to connect to. Report discrepancies to Engineer for direction prior to the continuation of work.
12. Sanitary Sewer shall be 8" Diameter, PVC SDR 26, minimum slope 0.5%.
13. Prior to construction, Contractor shall verify in field invert elevations of all existing sanitary manholes that new work is to connect to. Report discrepancies to Engineer for direction prior to continuation of work.
14. Contractor shall review all utilities for consistency with final grades prior to placement of pavement curbs, walks and topsoil.
15. The Contractor shall keep a set of "Approved" Construction Plans on the job site, and shall maintain a legible record on said plans of all items that may deviate from the proposed improvements, including any modifications / alterations to: mains, services, structures, pavement, alignments, etc. as well as any field tile encountered, or other notable site conditions. Information shall be sufficient so that all manholes, wyes and services, valve boxes, curb boxes, etc. can be located in the field. Upon completion of the Contractor's work, said plans and information shall be provided to the Engineer for preparation of record "As-Built" plans.
16. When a sanitary service crosses above a water main, the sanitary service shall be water main quality pipe (DIP or PVC ASTM D-2241) at least 10 feet on each side of the crossing.
17. Manhole (MH-7) is to have a "Neenah" R-4342 grate or equal on MH-7.
18. Inlet (INL-1) is to have a "Neenah" R-3278-A grate or equal.
19. Catch basin (CB-5) is to have a "Neenah" R-3270 grate or equal.
20. Catch basin (CB-6) is to have a "Neenah" R-3390 grate or equal.
21. Inlet (INL-2) is to have a "Neenah" R4340-B grate or equal.
22. Install valve and a stub from valve vault to facilitate future connection. Valve is to be "East Jordan" or equal. If at time of construction it is found that the watermain is existing to the west, than valve vault, valve and fire hydrant are not needed.
23. Install a trash and safety grate on flared end section (FES-3).
24. Catch basin (CB-6) is required to have a removable hood. See Detail 1 on Sheet C9.1.
25. Saw cut and trench for sanitary service to lots 1 and 2. Confirm actual location at time of construction.
26. Street lights are to be a minimum of 4'-0" from utility service. Coordinate location of water main with street light prior to installation of either.
27. Proposed sewer main for Arcadia West. Provide new if main is required at time of construction of lots 1 and 2. Replace/repair any driveway apron and parkway as required. See Note 29.
28. Provide itemized line item list for separate bid of proposed Arcadia West sewer main.
29. When a storm sewer crosses above a watermain, the storm sewer is to be constructed with watermain quality in accordance with the Standard Specification for Water and Sewer Main Construction in Illinois.
30. Owner shall comply with all recommendations of ASTM standards and the MWRDGC as it regards to the monitoring and observation period of on-site observation wells #1 and #2.
31. Per "Soil Investigations" report #22311 dated October 27, 2016, item 2.
    "Certain precautions will be required if a basement construction is contemplated with respect to surface water seepage which could later result in hydrostatic up lift and lateral pressure in walls (time element), therefore, it is recommended that a perimeter drain be installed around the entire exterior of the basement. The drain-pipes should be covered with filter sock which will act as a filter to prevent the migration of clay particles into the drain systems."
32. Detention and restrictor is for local detention.
33. Watertight rubber boots conforming to ASTM C923 shall be used where 8 inch sanitary sewers enter existing manholes.



GROUNDWORK
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351 WEST DUNDEE ROAD, SUITE A
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847.541-4151
kevin@groundworkltd.com

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1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
2	02/03/17	MHC	REVISED PER N. COOK SWCD COMMENTS
3	04/26/17	MHC	REVISED PER EPA COMMENTS
4	05/11/17	MHC	REVISED PER MWRD COMMENTS
5	11/16/22	MHC	FOR VILLAGE ISSUE

SCOPE DOCUMENT

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- [x] REVIEW ONLY
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- [ ] BIDDING
- [ ] CONSTRUCTION

CARRAIG SUBDIVISION

274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

SCALE: AS SHOWN

UTILITY PLAN

DRAWN BY: RJT
CHKD BY:
FILE NAME:
DATE: 10/03/16
JOB NO. Z137

SHEET NO.
C4.0

Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)

NO	DATE	BY	REVISION / ISSUE
	11/23/16	MHC	NORTH COOK SWCD
1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
2	05/01/17	MHC	REVISED PER MWRD COMMENTS

GROUNDWORK
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351 WEST DUNDEE
BUFFALO GROVE, IL
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- ■ CONSTRUCTION
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CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

DRAWN BY: RJT
CH'D BY:
SCALE: AS SHOWN
DATE: 10/03/16
JOB NO.: 2137
FILE NAME:

WATER AND SANITARY SEWER PROFILES

SHEET NO. C7.0

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

GENERAL NOTES - ALL TRADES

1. The Standard Specifications listed on the cover sheet, these construction plans, the special provisions, general conditions and subsequent details are all to be considered as part of the Contract Documents. Incidental items or accessories necessary to complete this work may not be specifically noted but are to be considered a part of the contract.
2. The Contractor shall be responsible for obtaining all required permits for construction along or across existing streets.
3. Contractor shall make arrangements for the proper bracing, shoring and other required protection of all roadways before construction begins. Contractor shall be responsible for any damage to: streets; roadways; driveways; associated structures; etc. and shall make repairs as necessary to the satisfaction of the Village Engineer and Owner.
4. The Contractor shall not install any sanitary sewer pipe or structures until Contractor has a copy of the permit and permit drawing issued by the appropriate reviewing authorities.
5. All requests for clarification or additional information relative to: construction methods; items; equipment; etc. prior to bidding shall be directed to the Engineer who will furnish in writing such information or clarification required.
6. Any discrepancies or conflicts on the plans, quantities, or specifications, discovered by the Contractor, either prior to or after the award of the contract shall be brought to the Engineer's attention before work is begun so that the proper corrections can be made.
7. Whenever the performance of work is indicated on the plans, and no item is included in the contract for payment, the work shall be considered incidental to the contract and no additional compensation will be allowed. The scope of work is as shown on the plans and as reasonably inferable therefrom to provide an appropriate installation.
8. Contractor shall be responsible for reviewing all site conditions in order to determine all take-offs and shall estimate all quantities required for full execution of their work. Contractor shall not rely upon civil engineering estimates as a basis of their bid. The lump sum amount shall be for the complete project. No claims for extra work will be recognized unless ordered in writing by the Owner.
9. All work performed under this contract by any Contractor and/or Subcontractor shall be guaranteed to the Village of Palatine and Owner against all defects in materials and workmanship, of whatever nature, by the Contractor and its Surety for a period of twenty-four (24) months after the date of final acceptance of the work by the Village of Palatine, other applicable governmental agencies, and the Owner.
10. The Contractor, by using these plans for his work, agrees to indemnify and hold harmless the Owner, Groundwork, Ltd. (the Engineer), and the Village of Palatine, their employees and agents, etc., while acting within the scope of their duties from and against any and all liability, claims, damages, and the cost of defense arising out of the Contractor's or Subcontractor's performance of the work described herein, but not including the sole negligence of the Owner, his agents, the Engineer, his employees and agents. Every Contractor and Subcontractor shall provide all required insurance to the limits required by the Owner and Village of Palatine prior to the start of construction and shall name the Owner, the Village of Palatine, Groundwork, Ltd., and its employees and agents, and as additional insured.
11. Prior to commencement of construction, the Contractor shall verify all dimensions, elevations and conditions affecting their work with the actual conditions at the job site. If there are any discrepancies from what is shown on the construction plans, Contractor shall immediately report same to the Engineer before doing any work, otherwise the Contractor assumes full responsibility. In the event of disagreement between the construction plans, Standard Specifications and/or special details, the Contractor shall secure written clarifications from the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies. Failing to secure such clarification, the Contractor will be considered to have proceeded at his own risk and expense. Commencement of work shall indicate acceptance of existing conditions as both suitable and acceptable for successful completion of work. In the event of any doubt or question arising with respect to the true meaning of the construction plans or specifications, the decision of the Engineer shall be final and conclusive.
12. Easements for the existing utilities, both public and private, and utilities within public rights-of-way as may be shown on the plans are according to available records. All information pertaining to the location and elevations of underground facilities is approximate and is included for the convenience of the Contractor. The Contractor, at his own expense, shall be responsible for furnishing all labor and material to verify and substantiate the actual locations and elevations of these facilities and for their protection from damage due to construction. The Engineer and Owner assume no responsibility whatever to the sufficiency or accuracy of the information shown on the plans relative to the location and elevations of the underground facilities, nor the manner in which they are to be removed or adjusted. The Contractor shall obtain from the respective utility companies detailed information relative to the location and elevation of their facilities and the working schedules of the utility companies for removing or adjusting them. It shall be the Contractor's responsibility to notify all utility companies of the construction schedule. If existing utility lines of any nature are encountered which conflict in location with new construction, the Contractor shall notify the Engineer immediately so that the conflict may be resolved. If the Contractor damages existing utilities, Contractor shall pay the cost of repair.
13. Pre-construction meetings shall be arranged through the Village of Palatine Engineering and Public Works Department.
14. The Contractor shall provide video tape(s) or still pictures as required by the Village Engineer prior to beginning work.
15. The Engineer and Owner are not responsible for the construction means, methods, techniques, sequences or procedures, time of performance, programs, or for any safety precautions used by the Contractor. The Contractor is solely responsible for execution of his work in accordance with the Contract Documents and specifications.
16. Safety of Work: Each Contractor and Subcontractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. Each Contractor and Subcontractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
    a. All employees on the work and other persons and organizations who may be affected thereby;
    b. All the work and materials and equipment to be incorporated therein, whether in storage on or off the site; and
    c. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities and underground facilities not designated for removal, relocations or replacement in the course of construction.
17. Special attention is drawn to the fact that the Standard Specifications requires the Contractor to have a competent superintendent on the project site at all times irrespective of the amount of work sublet. The superintendent shall be capable of reading and understanding the plans and specifications, shall have full authority to execute orders to expedite the project, and shall be responsible for scheduling and have control of all work as the agent of the Contractor.
18. The construction of this project requires the Contractor to coordinate work shown on this drawing with that of all other trades. The Contractor shall be responsible for any changes resulting from conflicts with other trades and work. In the event of any conflicts the Contractor shall immediately notify the Owner or their representative in writing for clarification before proceeding.
19. Unless indicated otherwise in the Owner's bidding documents, the Contractor shall, at his expense, employ a licensed surveyor to establish elevation, line and grade for the proposed work.
20. Before beginning construction, the Contractor and each Subcontractor shall verify all elevations and the line and grade stakes. If there are any discrepancies from what is shown on the plans, they shall be reported immediately to the Engineer before doing any work, otherwise the Contractor and Subcontractor assumes full responsibility. No work shall begin/continue until the discrepancy is resolved.
21. It is understood by the Contractor that the Owner shall not be responsible for the accuracy of marks made or stakes set. The Contractor shall be responsible for proper protection and continued accuracy of the marks or stakes after being set. All work shall be constructed at the elevations given on the plans attached and specified thereon. Any mistakes or errors arising from tampering with or the removal of marks or stakes shall be corrected by the Contractor at no additional expense to the Owner. The Contractor shall be provided by Owner with an AutoCAD disk of the site, showing the proposed improvements.
22. The Contractor or Owner shall hire an Illinois licensed Soils Engineer who will supervise and certify that all roadways are constructed in accordance with the Village of Palatine's requirements or Specification "Field Quality Control Procedures for Pavement Area Subgrade" or recommendations of the project soils report as listed on the cover page
23. The Contractor will be responsible for ensuring that all unsuitable materials are removed, all structural fill materials are properly placed and compacted, all pavement subgrades are properly prepared, proof rolling sub-grades and base courses, and ensuring that all water retaining embankments are properly constructed.
24. All independent testing to be paid for by the Owner. Testing to be at the discretion of the Village.
25. Any items that are not specifically shown on the plans or in the summary of quantities but can reasonably be interpreted to be included in the work described shall be incidental to the cost of the contract.
26. The Contractor shall refer to landscape plans for complete information regarding planting locations.
27. Definition of terms:
    a. The Contractor is the individual, firm, partnership or corporation contracting with the Owner for performance of the prescribed work.
    b. The Owner is the individual, firm, partnership or corporation having the authority to award the contract for the prescribed work.
    c. The Engineer where specifically referred to in the Special Provisions shall be the Owner's representative.
    d. The Village is the Village of Palatine.
28. The Contractor shall be responsible for the installation and maintenance of: all necessary signs, traffic control devices, barricades, fences, warning devices, equipment, personnel, etc. to inform and protect the public during all phases of construction. Barricades and warning signs shall be provided in accordance with Article 107.14 of the IDOT Standard Specifications. Adequate lighting shall be maintained from dusk to dawn at all locations where construction operations warrant, or as designated by the Village Engineer. All traffic control work shall be done in accordance with the Standard Specifications.
29. Traffic Control and Safety: Any temporary road closures shall be completed with proper traffic control as mandated by Illinois Department of Transportation (IDOT).
30. Cost of traffic control shall be incidental to the contract.
31. Contractor to provide, at a minimum, unit costs for basic quantities including: earthwork (for each type of specified fill); removal of unsuitable soil; curb and gutter; paving and flatwork; seeding and sodding; etc.
32. All permanent type pavements or other permanent improvements which abut the proposed improvement and must be removed, shall be sawed as directed prior to removal. All items so removed shall be replaced with similar construction materials to their original condition or better. Payment for sawing shall be included in the cost for removal of each item and replacement will be paid under the respective items in the contract, unless otherwise indicated.
33. Removed pavement, sidewalk, curb and gutter, etc. shall be disposed of by the Contractor at his own expense at an offsite dump site [locations outside the Village of Palatine].
34. During construction operations the Contractor shall ensure positive site drainage at the conclusion of each day and in conformance with the Storm Water Pollution Prevention Plan (SWPPP) and with the Illinois Urban Manual.
35. Any holes or trenches excavated during the construction of site improvements may not be left open in the pavement or parkway over a holiday, weekend, or after 3:00 p.m. on the day preceding a holiday or a weekend.
36. It shall be the responsibility of each respective Contractor to remove from the site and properly dispose of any and all excess or unsuitable materials and debris which result from their construction operations at no additional expense to the Owner upon completion of mass grading.
37. The Contractor shall maintain roadways adjoining the project site free from mud, dirt and debris at all times. If mud and/or debris is/are carried onto the roadways from either the Contractor's trucks, his employees vehicles, or his material suppliers, the Contractor shall immediately remove said mud and/or debris. The Contractor shall keep adjacent streets clean of mud/dirt. This may include sweeping of streets multiple times per day.
38. An iron pipe shall be found and located or set at each lot corner.
39. All septic and/or well abandonments shall be in accordance with the requirement of the Village Engineer.
40. Before acceptance by the Owner and final payment, all work shall be inspected and approved by the Owner or his representative. Final payment will be made after all of the Contractor's work has been approved and accepted, and in accordance with the Contract Documents.
41. In the event of a conflict between statements which apply to the construction work, the statement contained within the document first enumerated below shall govern:
    a. Special Provisions
    b. General Notes
    c. Notes and Details on the Engineering Plans
    d. Standard Specifications, as defined in Paragraph 1 above.
42. All Contractors shall be responsible for the following, which shall also be incidental to the cost of construction:
    a. Examination of the Engineering Plans and Specifications and the existing site conditions prior to submitting a bid, and notifying the Engineer at once of any discrepancies.
    b. The obtaining of any necessary permits not previously applied for by the Owner, and posting of the necessary bonds.
    c. The notification of the start of construction to all jurisdictional agencies, utility companies, and the Engineer, at least two (2) working days prior to said start. All existing utilities shall be staked prior to construction.
    d. Calling attention to the Owner of any errors or discrepancies which may be suspected in lines and grades which are established by the Owner. The Contractor shall not proceed with the work until the lines and grades which are believed to be in error have been verified or corrected by the Owner. Additional staking that may be required due to the Contractor negligence, shall be paid for by the Contractor.
    e. The providing of safe and healthful working conditions throughout the prosecution of the construction work. This shall include, but not be limited to: the removal of debris, the protecting of construction hazards with barricades, and the keeping of public street pavements clean of construction dirt and debris.
    f. The restoration to the original condition or better of any offsite areas that are damaged by the Contractor during construction.
    g. The testing of materials, if required by the Owner and/or the jurisdictional agencies.
    h. The guarantee of all materials and workmanship for a period of one (1) year upon final acceptance by the Owner and the jurisdictional agencies.
43. The Owner shall be responsible for the following:
    a. Scheduling the necessary pre-construction meeting(s) with the jurisdictional agencies.
    b. Providing the Contractor with one (1) set of control line and grade stakes (at offsets mutually agreed upon) for the proper execution and control of the work.
    c. Applying for IEPA permits. Other necessary permits shall be the responsibility of the Contractor.
44. The Engineer shall be responsible for the following:
    a. To periodically visit the construction site in order to better carry out the duties and responsibilities assigned by the Owner.
    b. The Engineer shall not, during such visits or as a result of such observations of the Contractor(s)' work in progress, supervise, direct or have control over the Contractor(s)' work nor shall the Engineer have authority over or responsibility for the means, methods, techniques, sequences or procedures of construction selected by the Contractor(s)', for safety precautions and programs incident to the work of the Contractor(s) or for any failure of the Contractor(s) to comply with laws, rules, regulations, ordinances, codes or orders applicable to the Contractor(s) furnishing and performing their work. Accordingly, the Engineer can neither guarantee the performance of the construction contracts by the Contractor(s) nor assume responsibility for the Contractor(s)' failure to furnish and perform their work in accordance with the Contract Documents.

ARCHITECTS
PLANNERS
ENGINEERS

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BUFFALO GROVE, IL

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NO	DATE	BY	REVISION / ISSUE
	11/23/16	MKC	NORTH CODE, SWCD

SCOPE DOCUMENTS
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CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

DRAWN BY: RJT
CHKD BY:
SCALE: AS SHOWN
DATE: 10/03/16
FILE NAME:
JOB NO.: Z137

NOTES

SHEET NO.
C8.0

Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

FIRE HYDRANT

C9.0 / SCALE N.T.S. — FIRE HYDRANT

C9.0 / SCALE N.T.S. — MWRD NOTES

TECHNICAL GUIDANCE MANUAL

MWRD GENERAL NOTES

C9.0 / SCALE N.T.S. — VALVE VAULT

VALVE VAULT

NOTE: USE NEENAH R-1077-A FRAME & COVER IN PARKWAYS AND NEENAH R-1079-A FRAME & COVER IN PAVED AREAS. COVER TO BE STAMPED "WATER".

C9.0 / SCALE N.T.S. — STANDARD MANHOLE

STANDARD MANHOLE
FOR SEWERS 36" DIA. & SMALLER

C9.0 / SCALE N.T.S. — STANDARD MANHOLE

NOTE: RUBBER BOOTS THAT MEET ASTM C923 CONNECTORS SHALL BE USED FOR PIPE PENETRATIONS.

C9.0 / SCALE N.T.S. — TURFSTONE

NOTE: TURFSTONE OR APPROVED EQUAL

C9.0 / SCALE N.T.S. — POND SECTION

C9.0 / SCALE N.T.S. — PAVER DETAIL

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Engineer's Seal

C9.0 / SCALE N.T.S. — STREET LIGHTING

C9.0 / SCALE N.T.S. — STANDARD CATCHBASIN

NOTE: SEE SHEET C4.0 FOR GRATE SPECIFICATIONS

STANDARD CATCHBASIN

C9.0 / SCALE N.T.S. — SPECIAL INLET

NOTE: SEE SHEET C4.0 FOR GRATE SPECIFICATIONS

SPECIAL INLET
2', 3' AND 4' DEPTH

NOTE: DETAILS SHOWN ARE TAKEN FROM VILLAGE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING AND COMPLYING WITH LATEST VILLAGE ORDINANCE STANDARDS.

DRAWN BY	RJT
CHK'D BY	
SCALE	AS SHOWN
DATE	10/03/16
JOB No.	2137
SHEET No.	C9.0
FILE NAME	

DETAILS

CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
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7510 ORIOLE AVENUE
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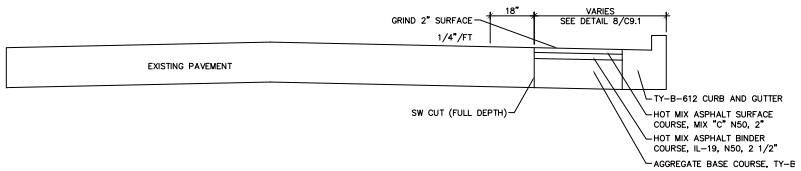
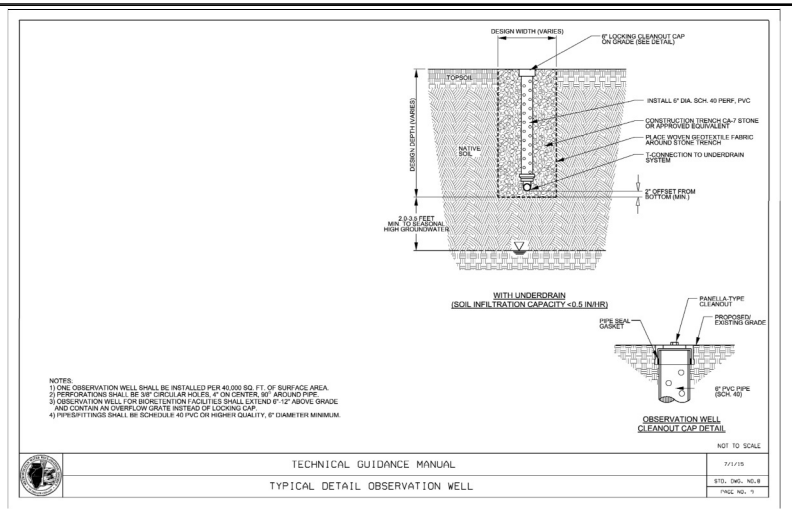
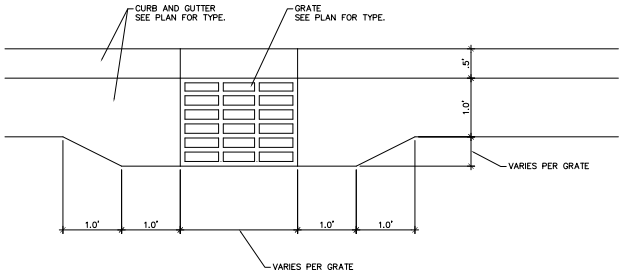
DRAWN BY: RJT
CHK'D BY:
SCALE: AS SHOWN
DETAILS
DATE: 10/03/16
JOB NO.: 2137
SHEET NO.: C9.1



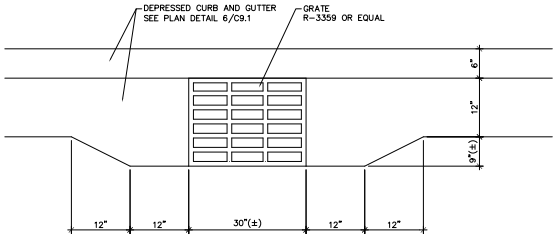
1 C9.2 ROAD CROSS SECTION - MICHIGAN AVENUE
SCALE: N.T.S.



2 C9.2 OBSERVATION WELL
SCALE: N.T.S.



3 C9.2 CURB AND GUTTER MODIFICATION
SCALE: N.T.S.



4 C9.2 DEPRESSED CURB AND GUTTER MODIFICATION
SCALE: N.T.S.

NOTE:
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1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

SCOPE DOCUMENTS
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THESE PLANS ARE FOR THE FOLLOWING PURPOSED ONLY, AS INDICATED
☐ REVIEW ONLY
☐ PERMIT
☐ BIDDING
■ CONSTRUCTION

CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

DRAWN BY: RJT
CHKD BY:
SCALE: AS SHOWN
DETAILS
FILE NAME:
DATE: 10/03/16
JOB NO.: Z137
SHEET NO.: C9.2

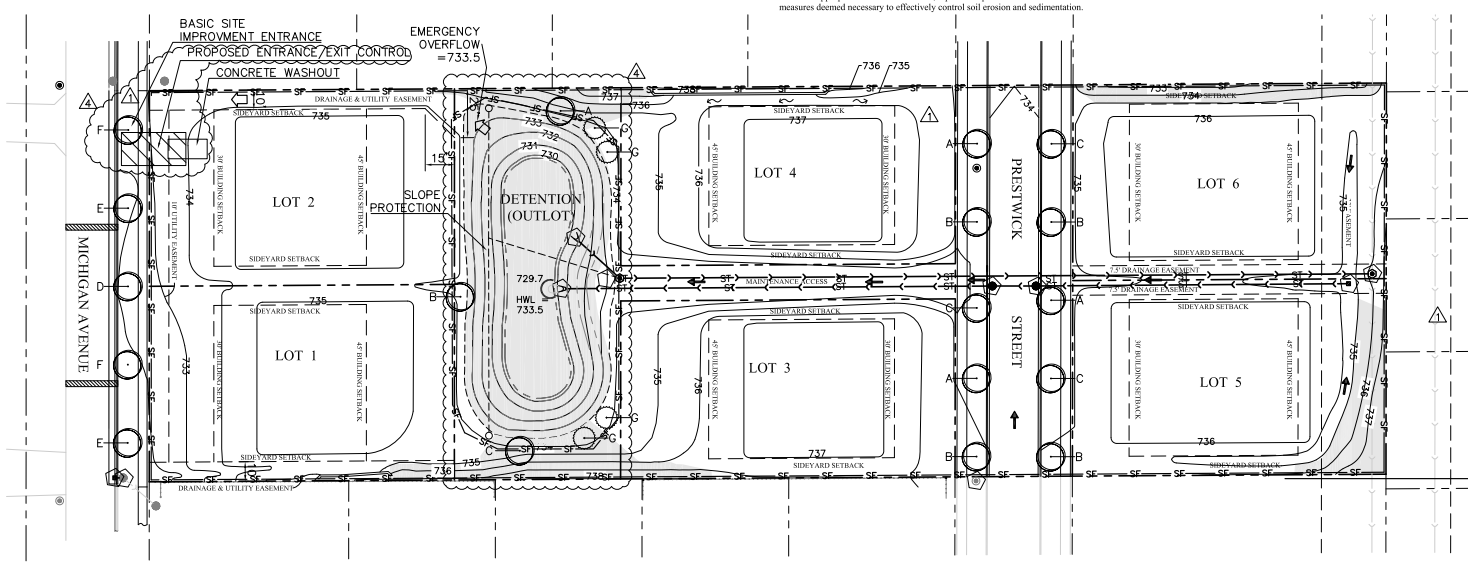
Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

1. Soil Erosion and Sedimentation Control (SE/SC) measures shall be provided in accordance with the following:
   a. Illinois Urban Manual (IUM);
   b. the "Procedures and Standards for Urban Soil Erosion and Sedimentation Control in Illinois";
   c. the Environmental Protection Agency;
   d. National Pollution Discharge Elimination (NPDES) system permit for "Construction Site Activities";
   e. Natural Resources Conservation Service (NRCS);
   f. and any other applicable codes or ordinances. Contractor shall verify additional requirements prior to construction and incorporate into the project.
   g. Metropolitan Water Reclamation District of Greater Chicago.
2. The SE/SC measures indicated on the plans are the minimum requirements. Any other SE/SC devices and measures, in addition to those outlined in these plans and which are deemed necessary by the Owner, Engineer and/or Village Engineer, shall be implemented immediately by the Contractor.
3. See Storm Water Pollution Prevention Plan, available from Owner.
4. A copy of the approved Stormwater Pollution Prevention Plan (SWPPP) shall be maintained on site at all times.
5. It shall be the Contractor's responsibility to verify that a valid Notice of Intent (N.O.I.) is on record with the Illinois Environmental Protection Agency (I.E.P.A.), and that copies of all Stormwater Pollution Prevention Plan (SWPPP) Certificates are signed, and on file prior to disturbing any ground.
6. Soil disturbance shall be conducted in such a manner as to minimize erosion. Soil stabilization measures shall consider the time of year, site conditions and the use of temporary or permanent measures.
7. Streets and driveways adjacent to the site and work area shall be kept free of dirt, mud and other debris. The contractor shall immediately remove any dirt, mud or debris that may become deposited upon the adjacent streets.
8. If blowing dust becomes a problem during construction, the Contractor shall provide a water truck at intervals to sufficiently dampen all disturbed soil.
9. The Contractor shall be responsible for meeting the requirements of all applicable SE/SC ordinances. The cost of all work necessary to meet these requirements shall be considered as incidental to the Contract, and no separate payment will be made.
10. Provide SE/SC measures in accordance with the applicable specifications and with the requirements of the Storm Water Pollution Prevention Plan (SWPPP).
11. SE/SC features (including silt fencing) shall be constructed at the onset of construction activities. Such measures shall be installed and inspected prior to hydrologic disturbance of upland areas to contain the effects of construction activity from existing non-disturbed areas.
12. All storm sewers and structures that are or will be functioning during construction shall be protected by an appropriate sediment control measure, until pavement has been installed and permanent vegetation and SE/SC measures has been established. See details on plans.
13. All temporary and permanent SE/SC measures must be maintained and repaired as needed by the Contractor.
14. Whenever, during construction operations, any loose material is deposited in the flow line of gutters, drainage structures, ditches, etc., such that the natural flow line of water is obstructed, this loose material shall be removed immediately by the responsible party. At the conclusion of all construction operations, all drainage structures and flow lines shall be free from dirt, grit and debris. This work shall be considered incidental to the contract.
15. Qualified personnel as designated by the developer shall inspect disturbed areas of the construction site that have not been fully stabilized, SE/SC structures and location(s) where vehicles enter or exit the site. Such inspections shall be conduced at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall. Based on these inspections, the developer shall direct the appropriate Contractor to clean, repair or implement additional SE/SC measures deemed necessary to effectively control soil erosion and sedimentation.
16. A written report detailing the condition of the SE/SC measures, and any correction made to keep same in functioning order, shall be submitted to the Village Engineer by noon Friday of each week, and within 48 hours of any 0.5 inch or greater storm event.
17. Storm sewer protection measures shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.
18. Disturbed areas shall be stabilized with temporary or permanent measures within 7 calendar days of the end of active hydrologic disturbance, or re-disturbance.
19. Areas or embankments having slopes greater than or equal to 4H:1V shall be stabilized with sod, mat and / or blanket in combination with seeding.
20. If dewatering services are used, adjoining properties and discharge locations shall be protected from erosion. Discharges shall be routed through an effective SE/SC measure (e.g. sediment trap, sediment basin, or other appropriate measure).
21. Temporary soil stockpiles shall not be located in flood prone areas. Temporary stockpile embankments shall have slopes no greater than 3H:1V.
22. A stabilized mat of aggregate underlain with filter cloth (or other appropriate measure) shall be located at any point where traffic will be entering or leaving a construction site to or from a 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. See details.
23. Soil stabilization (temporary seeding or erosion control blankets) shall be initiated as soon as practical in those portions of the site where construction activities have temporarily or permanently ceased. In no case shall an area that is at final grade remain exposed to the elements for more than fifteen (15) days.
24. Seeding, mulching and sodding shall be in accordance with the landscape plan, by others.
25. All disturbed ground within the Village's or County's Right-of-Way shall be restored to the satisfaction of the Village and the County.
26. The Contractor shall take measures to protect all utility structures (manholes, inlets, catch basins, sumps, grease separators, valve vaults, auxiliary valve boxes, B-Boxes, etc.) and/or retention basins from the accumulation of silt, debris, or foreign matter of any kind. Utility structures shall be cleaned of any at the end of the project and prior to Village acceptance. Sanitary and storm sewer mains shall be jet cleaned if evidence of debris build-up is present at the time of final inspection. Cleaning may also be required during the course of the construction of the project if it is determined that the silt and debris traps are not functioning properly.
27. The SE/SC process is an evolving process and is subject to change due to field conditions and is shown on this plan for convenience only. Contractor is responsible for coordinating all requirements.

SUGGESTED CONSTRUCTION SEQUENCE AND CONTROL MEASURE CHART

1. Installation of temporary perimeter chain link construction fence. Fence shall enclose site and parkway.
2. Installation of Soil Erosion and Sedimentation Control (SE/SC) Measures
   a. Stabilized Construction Entrance
   b. Silt Fence
3. Provide erosion control blanket on all disturbed areas in Michigan Avenue ROW.
4. Mass Grade Site
5. Strip topsoil, stockpile topsoil and grade site.
6. Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope).
   a. Temporary Seed Disturbed Areas Exposed +14 Days
   b. Slope control areas exceeding 1' vertical to 4' horizontal
7. Install Storm Sewers
   a. Install Storm Sewers and Structures
   b. Install inlet protection
8. Install Remaining Underground Utilities
9. Temporarily stabilize all areas that have reached temporary grade.
10. Install Road and Parking Subgrade
11. Site Construction Work
    a. Curb and Gutter
    b. Paving walks, roads, etc.
12. Remove excess materials and temporary seed all disturbed areas.
13. Replace parkway with 6" topsoil and sod.
14. Complete construction. Complete on-site paving and repair off-site area.
15. Install Permanent Landscaping. Stabilize bottom and side slopes of pond as required by the MWRDGC. See detail 2 on Sheet C9.0.
16. Remove all temporary SE/SC measures after the site is stabilized with vegetation.
17. Perform Continuing Maintenance
18. * SE/SC maintenance must occur every 7 calendar days and after every 1/2" or greater rainfall event.



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

NOTE

1. Erosion control shown applies to plan depicted on Sheet C3.0.

LEGEND

- INLET PROTECTION
- SF SILT FENCE
- ST STORM SEWER
- SLOPE PROTECTION
- CULVERT INVERT PROTECTION
- PROPOSED ENTRANCE/EXIT CONTROL

1:30 (0, 15, 30, 60) W S N E

GROUNDWORK
ARCHITECTS PLANNERS ENGINEERS
GROUNDWORK
391 WEST DUNDEE
BUFFALO GROVE, IL

NO	DATE	BY	REVISION / ISSUE
1	11/23/16	MHC	NORTH, COOK SWCD
2	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
3	05/01/17	MHC	REVISED PER MWRD COMMENTS

SCOPE DOCUMENTS

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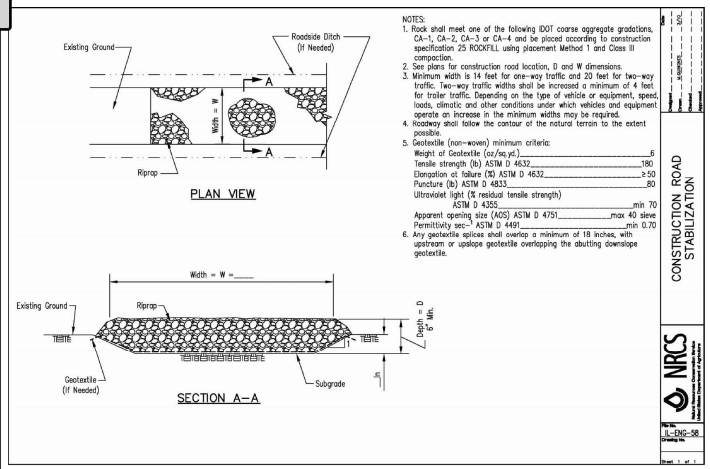
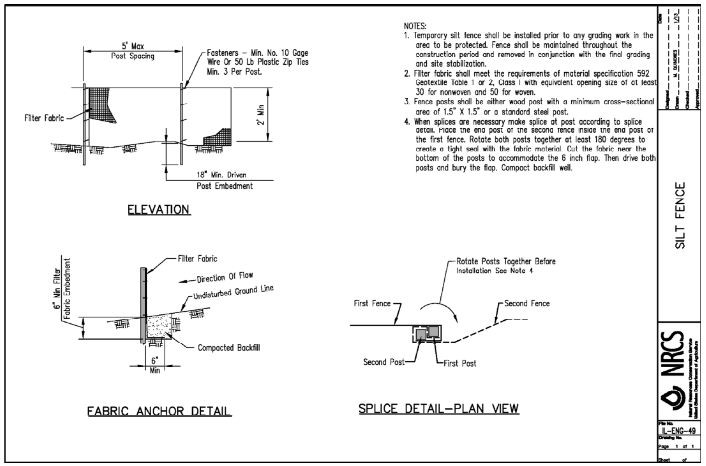
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

SCALE: AS SHOWN
EROSION CONTROL PLAN
DRAWN BY: RJT
CHKD. BY:
FILE NAME:
DATE: 10/03/16
JOB NO.: Z137
SHEET NO.: C10.0

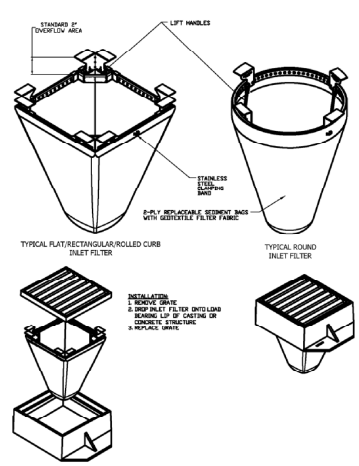
Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)



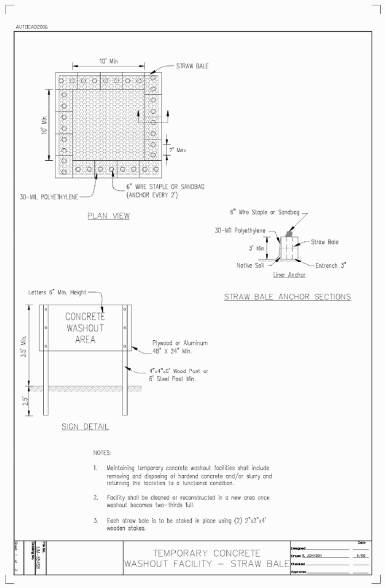
1 STABILIZED CONSTRUCTION ENTRANCE
C101 SCALE: N.T.S.



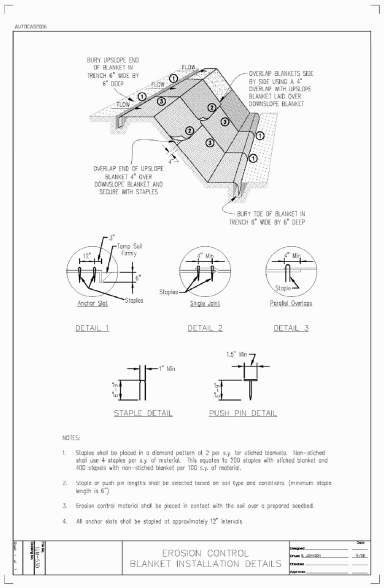
2 SILT FENCE
C101 SCALE: N.T.S.



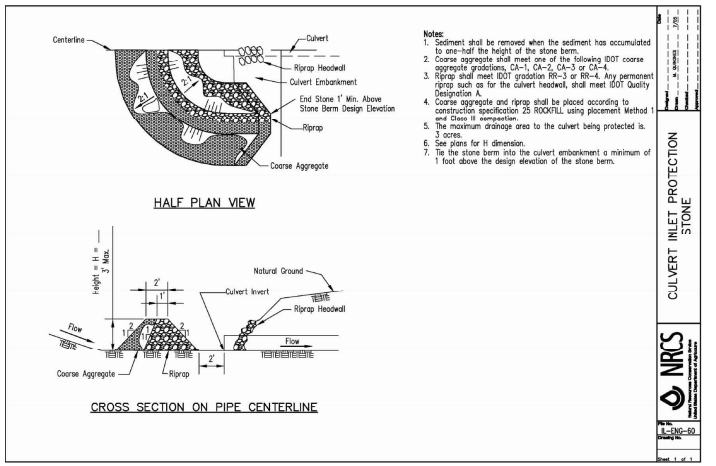
3 INLET FILTER PROTECTION
C101 SCALE: N.T.S.



4 CONCRETE WASHOUT
C101 SCALE: N.T.S.



5 EROSION CONTROL BLANKET
C101 SCALE: N.T.S.



6 CULVERT INLET PROTECTION
C101 SCALE: N.T.S.

NOTE:
DETAILS SHOWN ARE TAKEN FROM VILLAGE STANDARDS.
CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING AND COMPLYING WITH LATEST VILLAGE ORDINANCE STANDARDS.

ARCHITECTS PLANNERS ENGINEERS
GROUNDWORK
GROUNDWORK, LTD.
391 WEST DUNDEE
BUFFALO GROVE, IL
COPYRIGHT

NO	DATE	BY	REVISION / ISSUE
	11/23/16	MKC	KBP/TH CODK SWCD

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CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

DRAWN BY: RJT
CHK'D BY:
SCALE: AS SHOWN
EROSION CONTROL DETAILS
FILE NAME:
DATE: 10/03/16
JOB NO.: Z137
SHEET NO.: C10.1

Attachment: Carraig Subdivision - Civil Engineering Plans (Carraig Subdivision - Planned Development 274 and 286 W. Michigan Avenue)

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

SITE PLAN

CARRAIG SUBDIVISION

274 + 286 W. MICHIGAN AVENUE
PALATINE, ILLINOIS

DECEMBER, 0 2016

3.1.6

NOTE:
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© Groundwork, Ltd.
Architects / Planners / Engineers

Sample Homes by
Blackwater Valley Development, Inc.

Carraig Subdivision
274 and 286 W Michigan Avenue
GW#137 - 11/18/21

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

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)	**Business Name (If applicable)**
Mr. Willie Cronin, Blackwater Valley Development, Inc.	
Address	City/State/Zip Code
7510 N. Oriole Avenue, Chicago, IL 60631	
Telephone	Fax
630-235-3334	N/A
Email	
willie@blackwatervalleydev.com	
Subject Property Address	
274 & 286 W Michigan Ave., Palatine, IL 60067	
AUTHORIZED AGENT (if applicable)	**Business Name (if applicable)**
John P. Green	Groundwork, LTD.
Address	City/State/Zip Code
351 W. Dundee Road	Buffalo Grove, IL 60089
Telephone	Fax
847-541-4151	N/A
Email	
team@groundworkltd.com	

I swear that the information contained herein and in any accompanying documents is accurate to the best of my knowledge.

Signature

11-19-21
Date

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

VILLAGE OF PALATINE

Real Estate Interest Disclosure Form

Name of Disclosing Party (individual, business, etc.)
Blackwater Valley Development, Inc. - Mr. Willie Cronin

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
7510 N. Oriole Avenue, Chicago, IL 60631	

Telephone	Fax	Email
630-235-3334	N/A	willie@blackwatervalleydev.com

Address of Subject Property	**City/State/Zip Code**
274 & 286 W. Michigan Ave, Palatine, IL 60067	

Legal Description of Subject Property (see plat of survey or title)

See attached descriptions

List All Persons Deriving an Interest in Subject Property (i.e. owner, lessee, etc.)

Name	Address	Legal Interest
Nagleview, Inc.	286 W. Michigan Ave, Palatine	Owner
Clydarow, Inc.	274 W. Michigan Ave, Palatine	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.

Willie Cronin 11-19-21

Signature Date

SUBSCRIBED AND SWORN TO before me this 19 day of November 2021.

Mary E Hogan

Notary Public Signature

Project Planner	Zoning Case #

MARY E. HOGAN
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
August 30, 2025

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

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): Willie Cronin

2. Authorized Agent of Petitioner (if different):

   Name: John P. Green

   Address: 351 W. Dundee Road, Buffalo Grove, IL 60089

   Telephone No. 847-541-4151 Business No. _____

   Email: team@groundworkltd.com

   Relationship to Petitioner: planner/engineer

3. Property Interest of Petitioner(s): Owner
   Owner, Lessee, Contract Purchaser, etc.

4. Address of the property for which this application is being filed:

   274 & 286 W Michigan Ave., Palatine, IL 60067

5. All existing land use(s) on the property are:

6. Current zoning of property: R-1 Size of the property: 2.74 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.:

Rezone property to permit a planned development, and rezone / subdivide from R-1 to R-1B to allow for six (6) single family lots in accordance with R-1B zoning standards and the existing village "Michigan Avenue Sub Area" for the subject site area.

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):

None. The development will propose to include the vacation of the abutting 1/2 (33') of the existing Gilbert Road ROW and its incorporation into the site area.

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.

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

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: [signature] Date: 11-19-21

State of Illinois

County of Cook

This instrument was acknowledged before me on November 19, 2021 by Mary E. Hogan

MARY E. HOGAN
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
August 30, 2025

[signature]
Notary Public

(Seal)

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

To The Village of Palatine Department of Planning and Zoning

We are one of the homeowners of the Arcadia West Subdivision, which is right next to the Carraig Subdivision lots. In both the Arcadia West and East Subdivisions, there are many children residing near the Carraig Subdivision lots and they do love to play outside for all seasons of the year. Pleasant Hill Elementary School is also very close to the the Carraig Subdivision and there are many children who walk by the lots before and after school. There is significant concern that these lots are an "**attractive nuisance"** to our children and may endanger the safety of them.

Children have been attracted to these lots; they have wandered around and behind the vacant homes, and they have walked throughout the lots filled with overgrown trees. For the lot closest to Arcadia East, the lot has been cleared nicely and is safer than the lot closest to Arcadia West (see photos). Many overgrown trees have fallen and with strong winds, these trees can cause serious damage and injuries to neighbors and the houses next to the lots can get damaged by fallen trees. **My daughter's bedroom is right next to his lot and I worry with the high winds, one of the trees will fall and damage our roof and fall into her room. The trees are extremely close and many have fallen, so there is a high possibility this may happen if he does not cut down the overgrown tree.** There has been some recycled packaging and toys get caught in the lot during windy days, and we've seen kids trying to retrieve the toys is unsafe with all the broken trees and thorny bushes.

Lot near Arcadia West
(filled with overgrown trees)

Lot near Arcadia East (cleared)

The vacant homes are quite a safety concern as they can attract drug dealers, squatters, and criminal activity in our community. To improve the safety of our community and the children, it would be best for Carraig Subdivision to agree to complete the following for reinstatment:

1) demolish the vacant homes
2) clear out all the dead and overgrown trees similar to the lot next to Arcadia East.

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

Ben Vyverberg

Subject: FW: Carraig Subdivision

From: Lauren Abate <
Sent: Tuesday, February 22, 2022 9:06 PM
To: Ben Vyverberg <BVyverberg@palatine.il.us>
Subject: Carraig Subdivision

Caution: This is an external email, Please take care when clicking links or opening attachments. When in doubt, please talk with the sender or check with VOP IT

Hi Ben,

My name is Lauren Albright and I am a resident in the Arcadia West subdivision (bordering the proposed Carraig Subdivision). I am writing in regards to the public hearing that was rescheduled for March 1st regarding the development. I have a 3 month old baby so won't be able to attend the hearing, but my neighbor Sandy Rhee said we're able to email you with any thoughts we'd like shared/considered for the hearing. Please see below for our thoughts/statement regarding this property, as well as the attached pictures. Let me know if you have any questions either via reply to this email or you can reach me at

Thanks!
Lauren Albright

****

To the Village of Palatine Department of Planning and Zoning

We are homeowners in the Arcadia West subdivision (S Stegen St), bordering the southwest lot of the planned Carraig subdivision. While we have nothing against the planned development, we have significant concerns with the maintenance and upkeep of the property (particularly 286 W Michigan Ave) in the meantime, as the property has been held for an extended amount of time with no signs of development. We moved into our house in December 2018 and have watched the status of the lot and structures deteriorate during this time. The property is at minimum an eyesore, and at worst, a hazardous attractive nuisance.

The fence bordering our property is unkempt, has had multiple pieces blow down into both our property, damaging bushes and currently held up with plastic ties, and neighboring properties, which still remain unrepaired. This is a liability as parts of the fence could blow over and injure a child or pet or trap them underneath. Additionally, while Mr. Cronin has removed a good amount of brush/weeds from the property, the area immediately behind the fence and surrounding the shed remains overgrown. These weeds spread onto our property through the fence and have been difficult to contain, despite hiring a lawn care/weed removal service. Mr. Cronin should be

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

required to clear all weeds and brush, maintain the land on an ongoing basis, and repair or remove the fence.

The shed and house on the property are also complete eyesores and the shed is unsecured. On multiple occasions we have witnessed children gain access to the shed. While we believe parents have a responsibility to supervise their children's activities, Mr. Cronin should be responsible for securing the structure, particularly knowing that these properties are vacant and will attract wandering children or potentially wild animals seeking shelter that could harm children or pets. Ideally, Mr. Cronin should raze both structures, the shed at minimum, as soon as possible, as they/it will need to be razed in order to develop the property anyway.

Ultimately, if development of the Carraig subdivision is not scheduled to commence in the immediate future, Mr. Cronin should commit to razing the eyesore structures and maintaining the grounds in a safe and aesthetically pleasing manner during the time the property remains undeveloped or sell the property to another developer.

Thank you for your consideration.
Lauren Albright

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

PUBLIC NOTICE
A Public Hearing will be held before the Village of Palatine Village Council on Monday, December 13, 2021 at 7 PM, in the Village Council Chambers at Palatine Village Hall, 200 E. Wood Street, relative to a request for the following:
Final Planned Development to permit a 6-lot single-family residential development.
The property is commonly known as 274 and 286 W. Michigan Avenue. (PINs #: 02-22-406-020-0000 and 02-22-406-025-0000).
The Petitioner is requesting Final Planned Development approval to construct a 6-lot single family residential subdivision on W. Michigan Avenue. The property is commonly known Carraig Subdivision. The proposed Final Planned Development would reinstate the
Carraig Subdivision Planned Development for the 6-lot subdivision and vacation of the south 33 feet of the Gilbert Road right-of-way abutting the property. The Planned Development was most recently approved in 2017, but expired in 2020.
The above petition has been filed by Willie Cronin, Blackwater Valley Development and is available for examination in the office of the Village Clerk at 200 E. Wood Street.
FILE #: 21-101 VILLAGE OF PALATINE
Marg Duer, Village Clerk , Village Council
DATED: This 28nd day of November of 2021
Published in Daily Herald November 28, 2021 (4574195)

CERTIFICATE OF PUBLICATION

Paddock Publications, Inc.

Daily Herald

Corporation organized and existing under and by virtue of the laws of the State of Illinois, DOES HEREBY CERTIFY that it is the publisher of the **DAILY HERALD**. That said **DAILY HERALD** is a secular newspaper and has been circulated daily in the Village(s) of Algonquin,Antioch,Arlington Heights,Aurora,North Aurora,Bannockburn, Barrington,Barrington Hills,Lake Barrington,North Barrington,South Barrington,Bartlett,Batavia,Buffalo Grove,Burlington,Campton Hills, Carpentersville,Cary,Crystal Lake,Deerfield,Deer Park,Des Plaines,Elburn, East Dundee,Elgin,South Elgin,Elk Grove Village,Fox Lake, Fox River Grove,Franklin Park,Geneva,Gilberts,Glenview,Grayslake, Green Oaks,Gurnee,Hainesville,Hampshire,Hanover Park,Hawthorn Woods, Highland Park,Highwood,Hoffman Estates,Huntley,Inverness,Island Lake, Kildeer,Lake Bluff,Lake Forest,Lake in the Hills,Lake Villa,Lake Zurich, Libertyville,Lincolnshire,Lindenhurst,Long Grove,Melrose Park,Montgomery, Morton Grove,Mt.Prospect,Mundelein,Niles,Northbrook,Northfield,Northlake Palatine,Park Ridge,Prospect Heights,River Grove,Riverwoods, Rolling Meadows,Rosemont,Round Lake,Round Lake Beach, Round Lake Heights,Round Lake Park,Schaumburg,Schiller Park,Sleepy Holl St. Charles,Streamwood,Sugar Grove,Third Lake,Tower Lakes,Vernon Hills, Volo,Wadsworth,Wauconda,Waukegan,West Dundee,Wheeling,Wildwood, Wilmette
County(ies) of Cook, Kane, Lake, McHenry
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 is of general circulation throughout said Village(s), County(ies) and State.

I further certify that the DAILY HERALD is a newspaper as defined in "an Act to revise the law in relation to notices" 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 true copy, was published 11/28/2021 in said DAILY HERALD.

IN WITNESS WHEREOF, the undersigned, the said PADDOCK PUBLICATIONS, Inc., has caused this certificate to be signed by, this authorized agent, at Arlington Heights, Illinois.

PADDOCK PUBLICATIONS, INC.
DAILY HERALD NEWSPAPERS

BY _____
Authorized Agent

Control # 4574195

Attachment: Carraig SUB - Plan Commission materials, including resident complaints and Public Notice (2022-16 : Carraig Subdivision - Final

ORDINANCE NO. O-20-17

AN ORDINANCE GRANTING PREMLIMINARY AND FINAL PLANNED DEVELOPMENT APPROVAL FOR 274 AND 286 W. MICHIGAN AVENUE (CASE NO. (16-101)

WHEREAS, upon petition of owners of said property, hearings were held by the Plan Commission of the Village of Palatine on February 22, 2016 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 6-lot single-family residential development, on the following legally described property:

LOT 2 (EXCEPT THE EAST ½ THEREOF) AND LOT 3 (EXCEPT THE WEST ½ THEREOF) AND THE VACATED SOUTH ½ OF GILBERT ROAD AND THE VACATED PORTION OF W. MICHIGAN AVENUNE, BOTH ADJOINING LOTS 2 AND 3, IN ARTHUR T. MCINTOSH AND COMPANY'S PLUM GROVE FARMS BEING A SUBDIVISION OF THE SOUTHWEST ¼ OF THE SOUTHEAST ¼ OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

commonly known as 274 and 286 W. Michigan Avenue

PIN: # 02-22-406-020 and 025.

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 Preliminary and Final Planned Development approval to permit a 6-lot single-family residential development, is hereby granted, subject to the following conditions:

1. The development shall substantially conform to the engineering plans prepared by Groundwork LTD dated 10/03/16 and last revised 01/20/17 except as such plans may be changed to conform to Village Codes and Regulations.

Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

2. All future residences shall follow the Village's R-1B zoning standards.

3. No privacy fencing shall be permitted abutting the detention basin or the access easement to the detention basin. All fencing shall be of an open wrought iron style fencing in these areas.

4. A Homeowners Association shall be created for the maintenance of the detention outlot and the access easement. It shall include conditions related to the fencing restrictions noted in this recommendation and maintenance of the landscape plan attached to the engineering plans. It shall also include a requirement to perform a maintenance inspection for the detention outlot the earlier of every 5 years or at an interval required by MWRD. The HOA Declarations shall be submitted in a manner acceptable to the Village Attorney. The HOA Declarations must be approved by the Village Attorney prior to the recording of the Plat of Subdivision or the issuance of any permits.

5. The final engineering plans shall be revised in a manner acceptable to the Village Engineer. If it is determined that the basin at Arcadia West is sufficient for the needs of the neighborhood, conditions 3 and 4 could be stricken.

6. A letter of credit in amount of $100,000 shall be submitted.

7. A letter of credit in the amount of $394,823 shall be submitted.

8. Review fees in the amount of $12,562.55 shall be submitted.

9. A construction traffic management plan shall be submitted in a manner acceptable to the Directors of Public Works and Planning and Zoning. This traffic management plan shall outline the proposed development schedule and identify the material delivery routes and proposed parking areas for the contractors, prior to the completion of Prestwick Street. A component of this plan shall also include an initial notification, by standard mail, to the residents on the south side of W. Michigan Avenue (285, 301, 325, 335, 351, and 357) once the initial site development schedule is known.

10. A solid 5-foot wide walking surface shall be installed along the frontage of the W. Michigan Avenue in a manner acceptable to the Village Engineer. This solid walking surface is intended to serve as an interim sidewalk, prior to the completion of the required sidewalks, and must be installed by no later than August 11, 2017.

11. MWRD, NPDES, and IEPA permits shall be submitted.

Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

SECTION 2: That the petition for preliminary 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 13 day of March, 2017

AYES: 6 NAYS: 0 ABSENT: 0 PASS: 0

APPROVED by me this 13 day of March, 2017

Mayor of the Village of Palatine

ATTESTED and FILED in the office of the Village Clerk

this 13th day of March, 2017

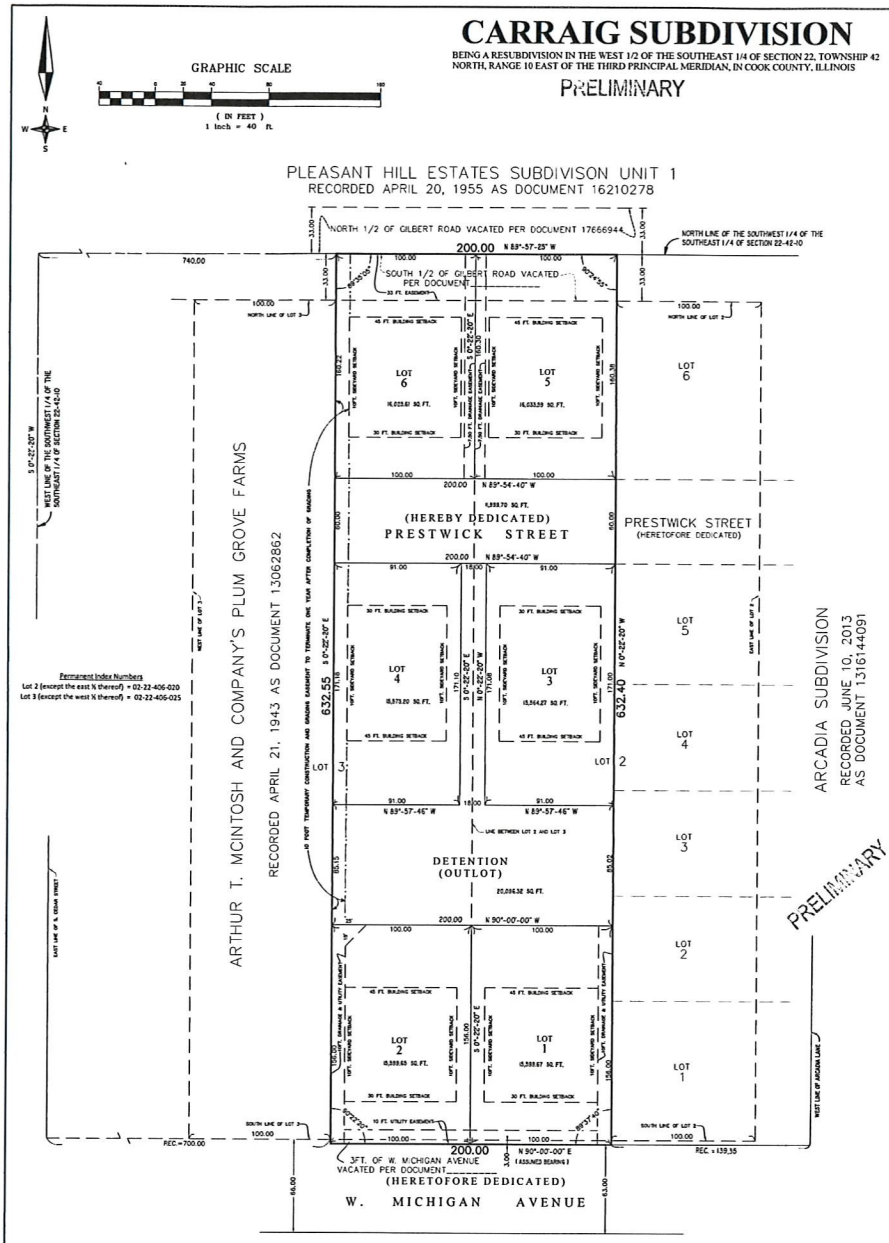
Village Clerk

Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

CARRAIG SUBDIVISION

BEING A RESUBDIVISION IN THE WEST 1/2 OF THE SOUTHEAST 1/4 OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

PRELIMINARY



An easement for serving the subdivision and other property with electrical and communications services, gas, cable television, water drainage and sanitary sewers is hereby reserved for and granted to:

Commonwealth Edison Company
and
AmeriTech
and
Northern Illinois Gas Company
and
Any Cable Communications Firm or Company Granted a Cable Communications Franchise by the Village of Palatine
and
The Village of Palatine, Grantees

their respective successors and assigns, jointly and severally, for the placement, installation, use, operation, maintenance, repair, replacement, reconstruction and removal of transformers, storm sewers, sanitary sewers, water mains, valves and cocks, conduits, ponds, gas mains, electrical lines, telephone lines, facilities used in connection with underground transmission and distribution of electricity and sounds and signals, including but not limited to television, data and radio signals, together with all breezes, pipes, anchors, manholes, valves and all other equipment and appurtenances necessary in connection upon and under the subdivision in, under, across, along and upon the surface of the property shown within the dotted lines on the plat and marked easement, and the property designated on the Plat as a common area or areas, and the property designated on the plat for streets and alleys, whether public or private, together with the right to install required service connections over or under the surface of each lot and common area or areas to serve improvements thereon or on adjacent lots, common area or areas, 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. Obstructions shall not be placed over the easement areas but shall be permitted only for paving and other purposes that do not unreasonably interfere with the safety, usefulness of commercially restrict to, or prevent the proposed installations or removal of any such sub surface facilities. After installation of any such 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 term common area or areas is defined as a lot, parcel or area of real property, the beneficial use and enjoyment of which is reserved in whole as an appurtenance to the separately owned lots, parcels or areas within the planned development, even though such may be otherwise designated on the plat by terms such as out lots, open spaces, open areas, common ground, parking and common area. The term common area or areas includes real property surfaced with interior driveways and walkways, but excludes real property physically occupied by a building, Service Business District or structures used for a pump or reservoir, and/or, or mechanical equipment. Relocation of facilities will be done by Grantees at cost of Grantor/Lot Owner, upon written request.

EASEMENT LANGUAGE

VILLAGE OF PALATINE EASEMENT

NOTWITHSTANDING THE WORDS "PUBLIC UTILITIES" OR "PUBLIC UTILITIES EASEMENT" SHALL BE IMPOSED 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 MAINS (INCLUDING THE RISERS, SERVICE MAINS AND APPURTENANCES FOR THE PURPOSE OF SERVING ALL AREAS SHOWN ON THE PLAT AS WELL AS OTHER PROPERTY, WHETHER OR NOT CONTIGUOUS THERETO, AS MAY BE RESPONSIBLY REQUIRED), STORM SEWERS, SANITARY SEWERS, AND THE RIGHT TO ENTER 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 OF THE GRANTEES, PROVIDED, HOWEVER THAT SUCH CONSENT SHALL BE FIRST OBTAINED FROM THE GRANTEES HEREIN, THEIR SUCCESSORS OR ASSIGNS WHICH SHALL BE NOT UNREASONABLY WITHHELD, BUT THE GRANTEES SHALL 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.

ELECTRIC AND TELEPHONE

A PERMANENT, NONEXCLUSIVE EASEMENT FOR SERVING THE SUBDIVISION AND OTHER PROPERTY WITH ELECTRIC AND COMMUNICATION SERVICE IS RESERVED FOR AND GRANTED TO ANY ELECTRIC, TELEPHONE AND/OR COMMUNICATION COMPANY AUTHORIZED BY THE VILLAGE (REFERRED TO AS "GRANTEES"), JOINTLY AND SEVERALLY, TO INSTALL, OPERATE, MAINTAIN AND REMOVE, FROM TIME TO TIME, FACILITIES USED IN CONNECTION WITH UNDERGROUND TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND SOUNDS AND SIGNALS IN, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN OR LABELED AS AND/OR LABELED AS UTILITY EASEMENT, DRAINAGE AND UTILITY EASEMENT, OR UTILITY AND DRAINAGE EASEMENT, AND THE PROPERTY DESIGNATED ON THE PLAT FOR STREETS AND ALLEYS, TOGETHER WITH THE RIGHT TO INSTALL REQUIRED SERVICE CONNECTIONS UNDER THE SURFACE OF EACH LOT TO SERVE IMPROVEMENTS THEREON, THE RIGHT TO CUT, TRIM OR REMOVE TREES, BUSHES AND ROOTS AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS GIVEN IN THIS SECTION, AND THE RIGHT TO ENTER UPON THE SUBDIVIDED PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTIONS SHALL NOT BE PLACED OVER GRANTEES FACILITIES OR IN THE AREAS WITHIN THE LINES DESIGNATED AS EASEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF THE GRANTEES. AFTER INSTALLATION OF ANY SUCH 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 THE GRANTEES SHALL NOT CONFLICT OR INTERFERE WITH PUBLIC IMPROVEMENTS, AND ANY CONFLICTS IN USE SHALL BE SUBJECT TO RESOLUTION AND APPROVAL BY THE VILLAGE.

CABLE TELEVISION

A PERMANENT, NONEXCLUSIVE EASEMENT IS RESERVED FOR AND GRANTED TO THE VILLAGE AND/OR TO ANY CABLE TELEVISION COMPANY AUTHORIZED BY THE VILLAGE TO INSTALL CABLE TELEVISION FACILITIES WITHIN THE SUBDIVISION (REFERRED TO AS "GRANTEES"), IN, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN OR LABELED AS "DRAINAGE AND UTILITY EASEMENT" WITHIN DASHED LINES ON THE ATTACHED PLAT OF SUBDIVISION FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, INSPECTING, REPAIRING, REPLACING, RENEWING, ALTERING, ENLARGING, REMOVING, REPAIRING AND MAINTAINING CABLE TELEVISION LINES OR APPURTENANCES AND, WITHOUT LIMITATION, SUCH OTHER INSTALLATIONS AS MAY BE REQUIRED TO FURNISH CABLE TELEVISION SERVICE TO THE ATTACHED AREA AND SUCH APPURTENANCES AND ADDITIONS THERETO AS THE VILLAGE AND THE COMPANY MAY DEEM NECESSARY, TOGETHER WITH THE RIGHT TO ENTER UPON THE LOTS AND COMMON AREAS SHOWN ON THE ATTACHED PLAT FOR THE NECESSARY INGRESS AND EGRESSES TO DO ANY AND ALL OF SUCH WORK. THE RIGHT IS ALSO GRANTED TO THE CITY AND THE COMPANY TO CUT DOWN, TRIM OR REMOVE ANY TREES, SHRUBS OR OTHER PLANTS THAT INTERFERE WITH THE OPERATION OF OR ACCESS TO SUCH LINES IN, ON, UPON, ACROSS, UNDER OR THROUGH SUCH EASEMENTS. NO PERMANENT BUILDINGS OR TREES SHALL BE PLACED ON SUCH EASEMENTS, BUT SOME MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING AND PAVED DRIVEWAYS, AND THE GRANTEE SHALL BE LIABLE FOR DAMAGES TO SUCH USES AND ROOTS. SUCH FACILITIES SHALL GENERALLY BE LOCATED UNDERGROUND, AND THE USE OF SUCH EASEMENT SHALL NOT CONFLICT OR INTERFERE WITH PUBLIC IMPROVEMENTS, AND ANY CONFLICTS IN USE SHALL BE SUBJECT TO RESOLUTION AND APPROVAL BY THE VILLAGE.

GAS EASEMENT

A PERMANENT, NON EXCLUSIVE EASEMENT FOR SERVING THE SUBDIVISION AND OTHER PROPERTY WITH GAS IS HEREBY RESERVED FOR AND GRANTED TO ANY NATURAL GAS COMPANY AUTHORIZED BY THE VILLAGE OF PALATINE, ILLINOIS, IN ALL PLATTED "EASEMENTS" AREAS, STREETS, ALLEYS AND OTHER PUBLIC WAYS AND PLACES SHOWN ON THE PLAT, AND THE RIGHT TO DIG TRENCHES FOR SUCH PURPOSES, INSTALLATION, LAYING, RENEWING AND REMOVAL OF GAS MAINS AND APPURTENANCES FOR THE PURPOSE OF SERVING ALL AREAS SHOWN ON THE PLAT AS WELL AS OTHER PROPERTY, WHETHER OR NOT CONTIGUOUS THERETO. NO BUILDING OR OTHER STRUCTURE SHALL BE CONSTRUCTED OR ERECTED IN ANY SUCH "EASEMENT" AREAS, STREET, ALLEYS OR PUBLIC WAYS OR PLACES. ALL SUCH GAS MAINS AND APPURTENANCES SHALL BE GENERALLY LOCATED UNDERGROUND AND USE OF SAID EASEMENTS SHALL NOT CONFLICT OR INTERFERE WITH ANY PUBLIC IMPROVEMENTS, AND ANY CONFLICTS IN USE SHALL BE SUBJECT TO RESOLUTION AND APPROVAL BY THE VILLAGE.

COMMONWEALTH EDISON COMPANY

BY:_____ DATE:_____

TITLE:_____

AMERITECH ILLINOIS:

BY:_____ DATE:_____

TITLE:_____

AT&T COMCAST:

BY:_____ DATE:_____

TITLE:_____

NORTHERN ILLINOIS GAS COMPANY (NICOR):

BY:_____ DATE:_____

TITLE:_____

PLAN COMMISION

State of Illinois)
County of Cook) S.S.

Approved by the plan commision of the Village of Palatine, Cook County, Illinois, at a meeting held this _____ day of _____ A.D., _____

Signed: _____
Chairman

Attest: _____
Secretary

VILLAGE COLLECTOR

I do hereby certify that there no delarred special assessments or unpaid current assessments due against the land included in the above plat.

Dated this _____ day of _____ A.D., _____

By _____
Village Collector

VILLAGE COUNCIL

State of Illinois)
County of Cook) S.S.

Approved by the Village Council of the Village of Palatine, Cook County, Illinois, this_____ day of _____ A.D., _____

Signed: _____
Mayor

Attest: _____
Clerk

OWNER'S CERTIFICATE

State of Illinois)
County of Cook) S.S.

This is to certify that _____ are the owners of the property described hereon and that they have caused the said property to be surveyed and subdivided as shown hereon, for the uses and purposes therein set forth, and do hereby acknowledge and adopt the same under the title hereon indicated.

Dated this ____ day of _____ A.D., _____

_____
OWNER

NOTARY CERTIFICATE

State of Illinois)
County of Cook) S.S.

I, _____ a notary public in and for said county in the state aforesaid, do hereby certify that _____ personally known to me to be the same persons whose names are subscribed to the foregoing instrument as such owners, appeared before me this day in person and acknowledged that they signed and delivered said instrument of their own free and voluntary act and as the free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this ____ day of _____ A.D., _____

_____
Notary Public

My commision expires on _____

SURFACE WATER DRAINAGE STATEMENT

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 subdivision and that such surface waters will not be deposited on adjacent land owners property in such concentration as may cause damage by erosion or sedimentation to such property because of construction of the subdivision.

By _____ Dated _____
Owner

By _____ Dated _____
Illinois Professional Engineer #_____

ENGINEERING APPROVAL CERTIFICATE

State of Illinois)
County of Cook) SS

This plat has been checked for conformance to Village of Palatine standards and requirements and working drawings and specifications for streets, curb and gutter, watermains, sanitary sewer mains, storm water drainage and grading, sidewalks, street lights and street trees and soil erosion control have been prepared in conformance with the Village of Palatine standards and requirements and all engineering fees due the Village of Palatine have been paid.

_____ _____
Village Engineer Date

OWNER'S CERTIFICATE

State of Illinois)
County of Cook) S.S.

This is to certify that _____ are the owners of the property described hereon and that they have caused the said property to be surveyed and subdivided as shown hereon, for the uses and purposes therein set forth, and do hereby acknowledge and adopt the same under the title hereon indicated.

Dated this ____ day of _____ A.D., _____

_____
OWNER

NOTARY CERTIFICATE

State of Illinois)
County of Cook) S.S.

I, _____ a notary public in and for said county in the state aforesaid, do hereby certify that _____ personally known to me to be the same persons whose names are subscribed to the foregoing instrument as such owners, appeared before me this day in person and acknowledged that they signed and delivered said instrument of their own free and voluntary act and as the free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this ____ day of _____ A.D., _____

_____
Notary Public

My commision expires on _____

School Districts:
Elementary School District #_____
High School District #_____

Send the tax bill to :
_____
(NAME)
_____
(ADDRESS)
_____

Permission to record the plat is hereby granted for:
_____
(NAME)
_____
(ADDRESS)
_____

SURVEYOR'S CERTIFICATE

State of Illinois)
County of Cook) S.S.

I, John M. Henriksen, an Illinois Professional Land Surveyor, do hereby certify that I have surveyed and resubdivided the following described property:

LOT 2 (EXCEPT THE EAST 1/2 THEREOF) AND LOT 3 (EXCEPT THE WEST 1/2 THEREOF), TOGETHER WITH THE SOUTH 1/2 OF GILBERT ROAD VACATED LYING NORTH OF AND ADJOINING SAID LOT 2 (EXCEPT THE EAST 1/2 THEREOF) AND LOT 3 (EXCEPT THE WEST 1/2 THEREOF), AND ALSO THE NORTH 3 FEET OF MICHIGAN AVENUE VACATED LYING SOUTH OF AND ADJOINING SAID LOT 2 (EXCEPT THE EAST 1/2 THEREOF) AND LOT 3 (EXCEPT THE WEST 1/2 THEREOF) IN ARTHUR T. McINTOSH AND COMPANY'S PLUM GROVE FARMS, BEING A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

I also certify that the land included by said survey falls within the corporate limits of the Village of Palatine, Illinois.

I further certify that according to the flood insurance rate map of the national flood insurance program for this area of the Village of Palatine, Cook County, Illinois, being community number 175170, panel number 0181, map number 17031C0181J, map revised August 19, 2008, the national flood program has determined that the area within the resubdivision hereon drawn lies within its UNSHADED ZONE "X", which is defined as an area determined to be outside the 0.2 percent annual chance floodplain. This statement is for flood insurance purposes only and does not necessarily include all areas subject to flooding.

The plat hereon drawn is a correct representation of said survey and resubdivision. Dimensions are shown in feet and decimal parts thereof, and are correct at a temperature of 68 degrees fahrenheit. All lot corners are to be set with an iron pipe, unless otherwise noted after the recording of this plat.

Arlington Heights, Illinois, this _____ day of _____, 2017

PRELIMINARY

Illinois Professional Land Surveyor No. 2068 License expires November 30, 2018

ORDER NUMBER: 160247-RS

PLAT PREPARED BY:
JOHN M. HENRIKSEN, ILLINOIS PROFESSIONAL LAND SURVEYOR, 415 E. GOLF ROAD, ARLINGTON HEIGHTS, ILLINOIS 60005,
PH: 224-875-7633, FAX: 224-875-7634

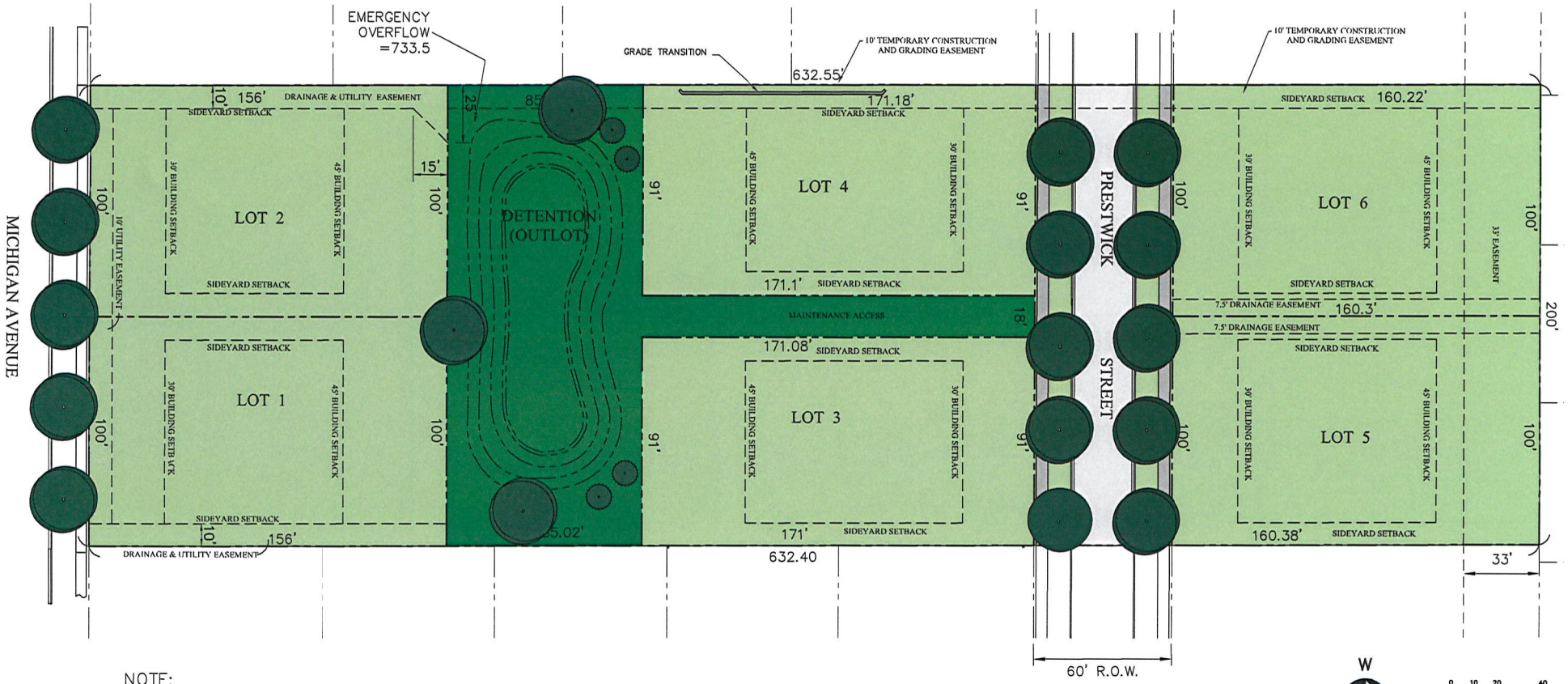
Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

SITE PLAN

CARRAIG SUBDIVISION

274 + 286 W. MICHIGAN AVENUE
PALATINE, ILLINOIS

DECEMBER, 05 2016



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

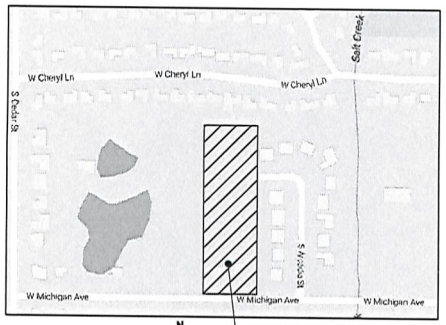
© Groundwork, Ltd.
Architects / Planners / Engineers
2137 1218

SITE PLAN

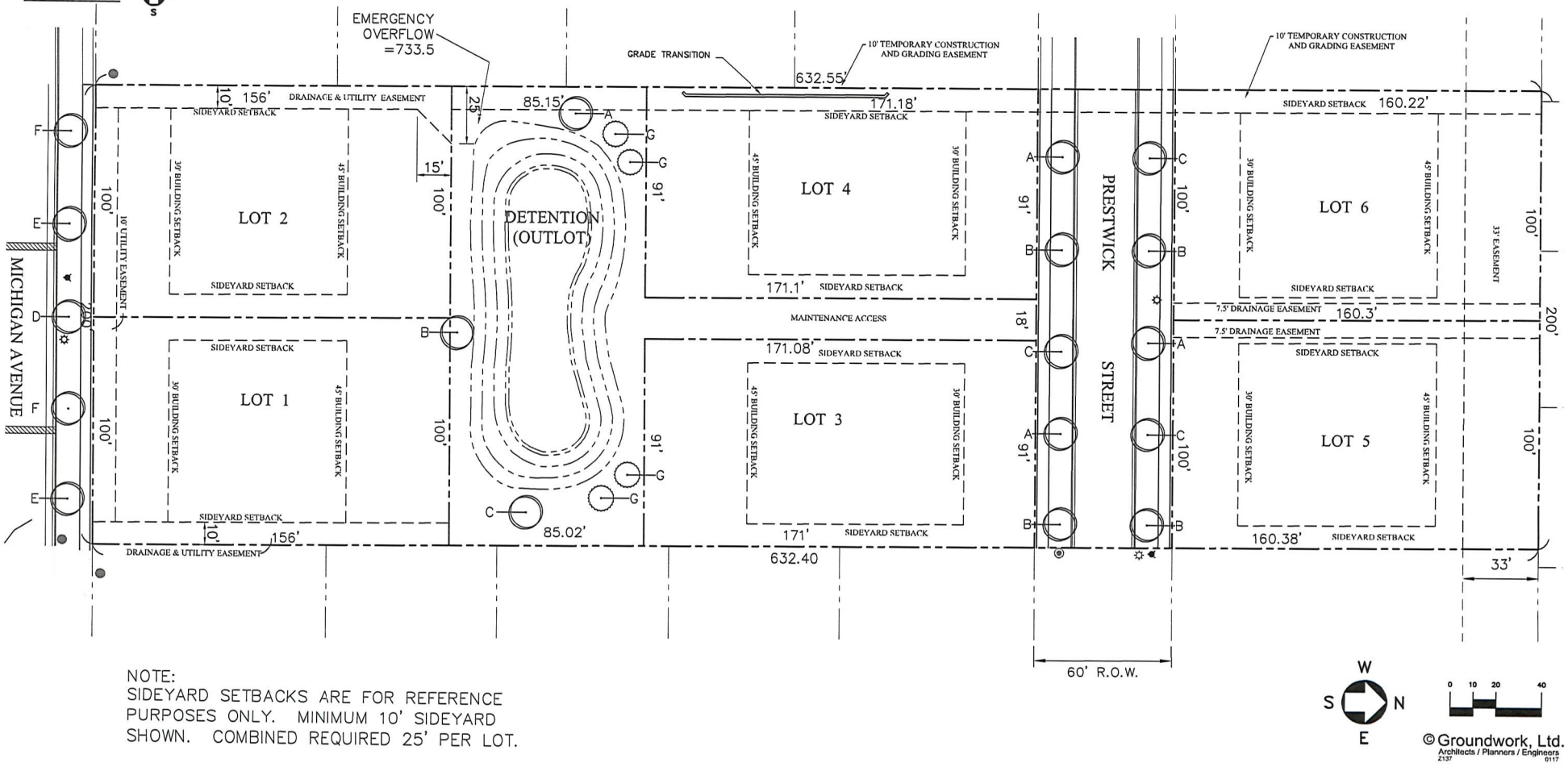
CARRAIG SUBDIVISION

274 + 286 W. MICHIGAN AVENUE
PALATINE, ILLINOIS

JANUARY, 20 2016



LOCATION MAP



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

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Architects / Planners / Engineers

ENGINEERING PLAN FOR DEVELOPMENT

274 & 286 W. MICHIGAN AVENUE PALATINE, ILLINOIS

OWNER:

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

LOCATION MAP
NOT TO SCALE

STANDARD LEGEND

EXISTING	DESCRIPTION	PROPOSED
—— 100 ——	Contours	—— 400 ——
——SAN——	Sanitary Sewer (Size As Indicated)	——SAN——
——STM——	Storm Sewer (Size As Indicated)	——STM——
——WTR——	Watermain (Size As Indicated)	——WTR——
	Top of Foundation Elevation	TF XXX.XX
	Finish Grade Elevation	FG XXX.XX
X 456.78	Spot Elevation	X 456.78
	Power Pole	
	Utility Pole	
	Street Light	
	Utility Crossing	
	Fire Hydrant with Auxiliary Valve	
	Water Buffalo Box	
	Watermain Valve Vault	
	Gas Valve	
	Electric Manhole	
	Telephone Manhole	
	Catch Basin (Type A)	
	Sanitary Clean Out	
	Sanitary Sewer Manhole	
	Storm Sewer Inlet (Type A)	
	Depressed Curb	
	Headwall	
	Flared End Section	
	Deciduous Tree	
	Coniferous Tree	
	Tree to be Removed	
	Tree to be Saved	
	Minor Drainage Route	
	Summit	
	Swale	
	Pond Over Flow	
	Major Flood Route to Pond	

LEGEND

DESCRIPTION	PROPOSED	EXISTING
Straw Bale Inlet Protection		
Inlet Filter Basket		
Gas Line	—G—— G—	
Wood Fence		
Chain Link Fence	—o—o—o—	
Wire Fence	—x—x—x—	
Water Service		
Sanitary Service	—S—S—	
Storm Service	—S—S—	
Silt Fence	—SF——	
Telephone Line	—T—T—T—	
Electric Line	—E—E—E—	
Cable TV Line	— CATV —	

- Proposed Sanitary Manhole (see Detail)
- Proposed Storm Structure (see Detail)

OS # 1 - Outlet Structure # 1

PROJECT BENCHMARK

Provided By: Per Plans by Spiros & Associates, Inc.

Source & Job Benchmark:
Cut "X" on the Northeast corner of the headwall approximately 75 South of the Public Works Entrance.
U.S.G.S./ Elevation = 731.71

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11/23/16	C10.1	EROSION CONTROL DETAILS

WARNING

CALL BEFORE YOU DIG

(48 HOURS NOTICE REQUIRED PRIOR TO DIGGING)

NOTE:

Contractor To Take Special Care To Locate And Avoid Existing Utilities. Engineer Shall Be Notified Of Any Conflict Prior To Construction.

GENERAL NOTES:

1. All work, including the earthwork, paving, water, sewer and underground utility improvements, shall be constructed and tested in accordance with the following Standard Specifications, as applicable, except as modified by these specifications or by any Special Provisions. These Standard Specifications include, but are not limited to the following:
   a. "Standard Specifications for Water and Sewer Main Construction in Illinois", (SSWSMCI) latest edition;
   b. "Standard Specifications for Road and Bridge Construction," (SSRBC) and all applicable Supplemental Specifications adopted by IDOT (the Illinois Department of Transportation), latest edition;
   c. The "Illinois Manual on Uniform Traffic Control Devices" (IMUTCD) as prepared by IDOT, latest edition;
   d. Standard Specifications and construction details and ordinances of the MWRD;
   e. American Society for Testing and Materials (ASTM);
   f. American Water Works Association (AWWA);
   g. Illinois State Plumbing code, latest edition;
   h. Standard Specifications for Soil Erosion and Sediment Control established by the Association of Illinois Soil and Water Conservation Districts;
   i. The Subdivision and Development Codes / Ordinances, the Standard Specifications and the construction details and notes of the Village of Palatine, as applicable;
   j. Pavement design shall be per the Municipal Code of the Village of Palatine Code of Ordinances-Appendix B - Subdivisions, 4.03. Street Pavement Standards;
   k. the requirements of the IEPA (Illinois Environmental Protection Agency);
   l. and any other applicable codes or ordinances. Contractor to verify additional requirements with the Village prior to construction and incorporate into the project.
2. In case of conflict in the ordinances, the Village development ordinance and other Village requirements shall control on site.
3. Work shall comply with all Federal and Federal Safety Regulations as outlined in the latest revisions of the Federal Construction Safety Standards (Series 20) and with applicable provisions and regulations of the Occupational Safety and Health Administration.
4. Notification shall be given by the Contractor, at least 48 hours prior to commencement of the work, to the following entities:
   a. Village of Palatine (847) 359-9040
   b. Commonwealth Edison
   c. North Shore Gas
   d. JULIE, Inc. (847) 541-4131
   e. Groundwork, Ltd.
   f. These contact numbers are provided for convenience purposes only. It is the responsibility of the Contractor to make the proper notifications, even if the provided numbers change or become inoperable.
5. Village of Palatine may have underground and/or overhead service facilities in the vicinity of the proposed work. The Contractor shall be responsible for the location and verification of all existing utilities prior to construction and shall be responsible for having the utility companies locate their facilities in the field prior to excavation. Contact JULIE, Inc. at (800) 892-0123 at least 48 hours prior to start of work for utility locations, and shall coordinate all work with any other applicable public utility companies. All locations requested shall be verified as required. In case of conflict, the Contractor shall contact the Engineer immediately.
6. Locations of existing underground utilities as indicated on the plans are approximate and are based on existing records and the best available information. The Contractor shall not rely upon the accuracy of the utility information indicated on the plans, but shall verify all existing utilities (locations, dimensions, elevations, etc.) in the field prior to the commencement of construction of the improvements and shall be responsible for any damage thereto. Contractor shall exercise caution in all locations of existing utilities. Notify the engineer immediately if discrepancies are found.
7. Existing information shown on drawing is from the Plat of Survey from information prepared by John M. Henriksen, Surveyor, and is available from Owner. Other topographic and site information is from plans prepared by Spiros and Associates, Inc. for "Arcadia Park" and the "Arcadia Subdivision".
8. Contractor shall review geotechnical investigation prepared by Soil Investigation, Inc., Illinois dated 10/27/2016. Copy of report is available from Owner.
9. All dimensions are to back of curb or edge of pavement unless otherwise noted.
10. The work shall be subject to inspection by State and Local Authorities under whose jurisdiction the work falls.
11. The Owner is responsible for obtaining all necessary permits, including from the State, County and Village.
12. All areas disturbed by construction shall be restored per Village of Palatine requirements.
13. All areas disturbed by construction shall be restored per Village of Palatine requirements.
14. See "Soil Erosion and Sedimentation Control Notes" as part of these plans for additional requirements.
15. The Contractor shall indemnify Groundwork, Ltd. and the Village of Palatine and their agents, from all liability involved with the construction, installation and testing of work associated with this project.
16. The Contractor shall not rely upon the accuracy of any information contained in the plans and specifications. Contractor is responsible for verifying all dimensions as reviewing the plans and specifications shall not relieve the Contractor of this responsibility.
17. No material storage / stockpiles within 10' of perimeter lot lines.
18. Portable toilet on site shall not be located within 10' of perimeter lot lines.
19. Provide lot line staking at 50' intervals.
20. Provide water tank or water truck for water source during demolition and construction, when needed.
21. Provide water tank or water truck for water source during demolition and construction, when needed.

NO	DATE	BY	REVISION / ISSUE
1	11/23/16	MHC	NORTH COOK SWCD
2	01/20/17	MHC	REVISED PER VILLAGE COMMENTS
3	02/03/17	MHC	REVISED PER N. COOK SWCD COMMENTS

ARCHITECTS PLANNERS ENGINEERS

GROUNDWORK, LTD.
255 WEST DUNDEE ROAD, SUITE A
BUFFALO GROVE, ILLINOIS 60089
847.541.4131
FAX 847.541.4066

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- ■ PERMIT
- ☐ BIDDING
- ☐ CONSTRUCTION

Prepared by and/or under the direct supervision of:

Mark Chachere
Illinois Professional Engineer
062-059313
Expires: 11-30-17

MARK CHACHERE
062-059313

CARRAIG SUBDIVISION

274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

DRAWN BY: RJT
DATE: 10/03/16
CHK'D BY:
SHEET NO.
SCALE: AS SHOWN
TOC ISSUE:
JOB NO. 2137

COVER SHEET

G0.0

Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

DEMOLITION NOTES

1. Remove and cap existing wells and/or septic fields, tanks, etc if any, from site conforming to IEPA and Cook County Department of Health requirements.
2. Remove all existing structures that are not to be reused from site.
3. Any abandoned or unused water mains, water service, sanitary sewer, or sanitary service shall be disconnected at the main, and capped. The disconnection and capping of the utility, shall be witnessed and approved by the Village Engineer. Remove all on-site service lines.
4. Any abandoned storm or sanitary structure or water valve vault shall be removed.
5. All existing building elements, including foundations, shall be removed from the site.
6. Remove all trees on site unless specifically noted otherwise.

C1.0

DRAWN BY	RJT
DATE	10/03/16
DWG BY	
SCALE	AS SHOWN
JOB NO.	2137
TITLE	DEMOLITION PLAN

CARRAIG SUBDIVISION

274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

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- ☐ _____

NO	DATE	BY	REVISION / ISSUE
	11/23/16	NHC	NORTH COOK SWCD
1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

GROUNDWORK
ARCHITECTS PLANNERS ENGINEERS
GROUNDWORK, LTD. 847.541.4131
331 WEST DUNDEE ROAD, SUITE A FAX 847.541.4055
BUFFALO GROVE, ILLINOIS 60089

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Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

PAVING NOTES:

1. Contractor shall review geotechnical information as listed on the cover page.
2. All dimensions are to back of curb, or edge of pavement, unless noted otherwise.
3. Pavement design shall conform to the Village of Palatine Code of Ordinances-Appendix B - Subdivisions, 8.03, Street Pavement Standards.
4. All joints made with existing pavement, walk or curb and gutter are to be saw-cut full depth.
5. The minimum structural number for all pavement design shall be 3.5.
6. The pavement section designs indicated are minimum values only based on Village of Palatine code requirements. The project Soils Engineer shall provide a pavement section design to the review / approval of the project's Soils Engineer and / or the project's Structural Engineer.
7. Asphalt paving shall be installed in two lifts. The first lift to be placed as soon as possible to facilitate site access. The second lift shall be placed ten days to one week prior to substantial completion of building. Cutting and or patching of asphalt is not acceptable.
8. Pavement section shall be designed for a minimum twenty-eight (28) day concrete strength of 3,500 PSI.
9. Curb transitions from depressed to full height shall be 2' minimum and shall be parallel to walk where walk is adjacent to curb.
10. Pavement sections to be as follows:
11. Prestwick Street pavement section shall be:
    a. 1-1/2" bituminous surface course, Superpave, Mix C, N50
    b. 2-1/2" bituminous binder course, IL-19, N50.
    c. 13" CA-6 base course, Grade B or 9.
12. Sidewalks are shown for representational purposes only. Sidewalks for all lots to be completed during development, respectively.
13. Curbs at Prestwick Street shall be Type "A" mountable curb. Curb at Michigan Avenue shall be Type "B6-12."
14. Protect existing off-site areas, including fencing.
15. Provide street name signs per Village requirements. Provide Dimensioned site plan to Village for approval prior to installation.
16. Dirt shall not be tracked onto public streets. Streets shall be swept daily.
17. All signs including installation shall comply with the MUTCD standards.
18. See Plat by others for other general Site Easement information and requirements.
19. Provide appropriate trees required by the village. Trees are to be placed every 40 feet, adjust and coordinate final locations with actual driveways.
20. Parkway is to be replaced with sod and 6" topsoil.
21. Trees and shrubs are shown for informational purposes only. Contractor shall verify all shown trees and be responsible for all planting needs.

NO	DATE	BY	REVISION / ISSUE
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1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

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CARRAIG SUBDIVISION

274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

DRAWN BY: RJT
CK'D BY:
DATE: 10/03/16
SCALE: AS SHOWN
JOB NO. 2137
SHEET NO. C2.0

PAVING PLAN

GROUNDWORK
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BUFFALO GROVE, ILLINOIS 60089

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Attachment: Carraig Subdivision - 2017 Planned Development - #O-020-17 - 274 & 286 W. Michigan Avenue (2022-16 : Carraig Subdivision -

NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

LOT	BASIC TOP OF FOUNDATION
1	735.8
2	735.5
3	737.55
4	737.55
5	736.75
6	736.75

GRADING NOTES:

1. Contractor shall review geotechnical information as listed on Geotechnical Report.
2. Embankment material within roadway, driveway, parking areas, and other structural clay fill areas shall be compacted to a minimum of ninety-five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method), or to such other density as may be determined appropriate by the Soils Engineer. Embankment material for non-structural areas shall be compacted to a minimum of ninety-five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method) or to such other density as may be determined appropriate by the Soils Engineer.
3. Fill material used must be compacted to at least 95 percent of standard laboratory maximum dry density (standard proctor) at optimum moisture content. Fill material must be fine-grained soils of low permeability such as those classified as CH, CL, SC, or ML according ASTM Standard D-2487, Classification of Soils for Engineering Purposes. See Table 1804.2 in the 2003 International Building Code (IBC) for description of these soil types.
4. Granular backfill placed underneath all paved areas shall be compacted in lifts not exceeding 6" and compacted to 95% maximum dry density.
5. Storm structure rim elevation at curbs refer to flow line elevation.
6. Final grading shall match existing grades at all property lines unless approved otherwise by and with Village Engineer (see Sheet C3.0A).
7. Engineer is to be advised of any staked dimensions that vary more than 0.2'.
8. Maximum side yard slope shall be 10%.
9. Contractor shall maintain overall drainage pattern & design and shall advise engineer in event of any potential conflict.
10. Coordinate final individual lot grading with final house designs for each lot. Grading shown is intended to establish individual and overall site perimeter and drainage flows.
11. Provide grading for positive drainage with in buildable area.

NO	DATE	BY	REVISION / ISSUE
	11/23/16	MHC	NORTH COOK SVCD
1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

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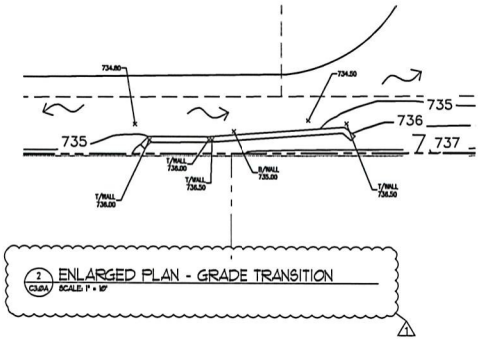
CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

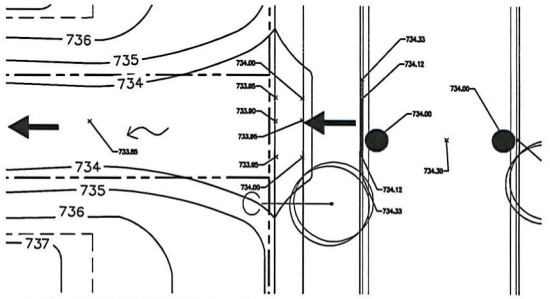
BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

DRAWN BY: RJT
CH'D BY:
SCALE: AS SHOWN
DATE: 10/03/16
PLOT SCALE:
JOB NO. 2137
SHEET NO. C3.0
GRADING PLAN

ALTERNATE



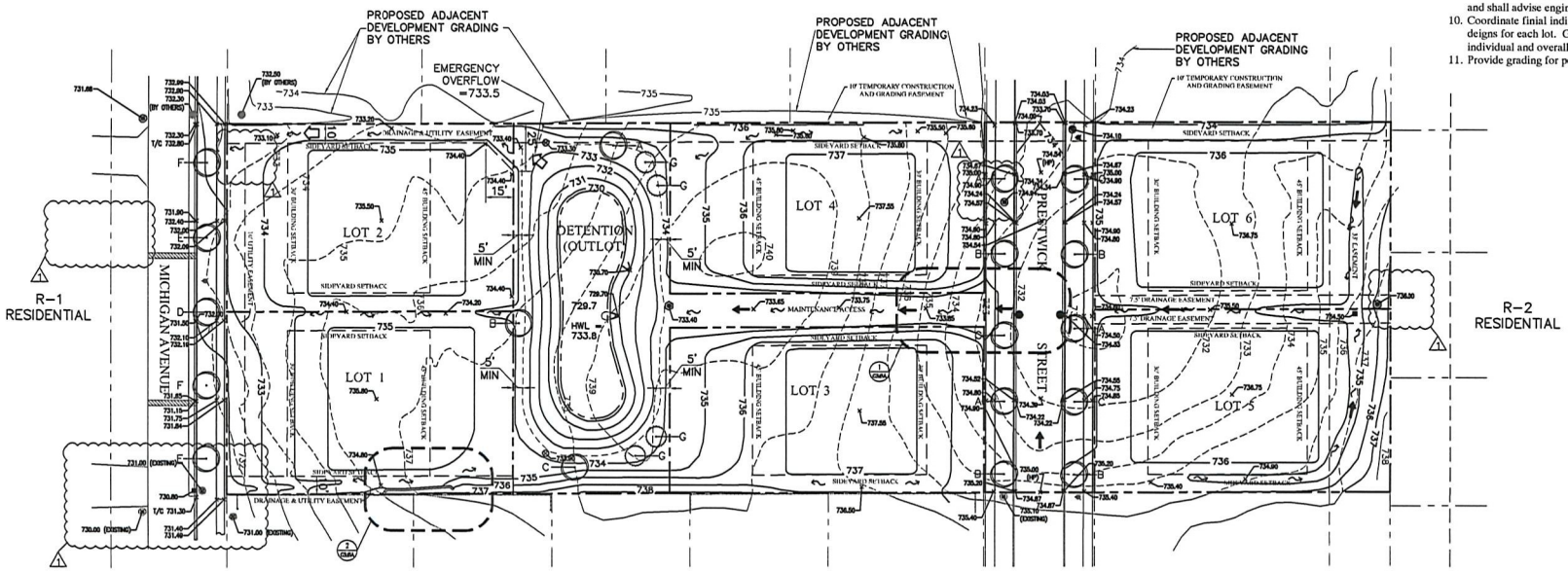
2 ENLARGED PLAN - GRADE TRANSITION
SCALE: 1" = 10'



1 ENLARGED PLAN - MAINTENANCE ENTRANCE
SCALE: 1" = 10'

GRADING NOTES:

1. Contractor shall review geotechnical information as listed on the cover page.
2. Embankment material within roadway, driveway, parking areas, and other structural clay fill areas shall be compacted to a minimum of ninety-five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method), or to such other density as may be determined appropriate by the Soils Engineer. Embankment material for building pads and other structural fill areas shall be compacted to a minimum of ninety five percent (95%) of maximum density in accordance with ASTM D-1557 (Modified Proctor Method) or to such other density as may be determined appropriate by the Soils Engineer.
3. Fill material used must be compacted to at least 95 percent of standard laboratory maximum dry density (standard proctor), according to ASTM Standard D-698. Fill soils must be fine-grained soils of low permeability, such as those classified as CH, CL, SC, or ML according ASTM Standard D-2487, Classification of Soils for Engineering Purposes. See Table 1804.2 in the 2003 International Building Code (IBC) for description of these soil types.
4. Granular backfill placed underneath all paved areas shall be compacted in lifts not exceeding 6" and compacted to 95% modified proctor.
5. Storm structure rim elevation at curbs refer to flow line elevation.
6. Final grading shall match existing grades at all property lines.
7. Engineer is to be advised of any staked dimensions that vary from the reference design dimensions by more than 0.2'.
8. Maximum side yard slope shall be 10%.
9. Contractor shall maintain overall drainage pattern & design and shall advise engineer in event of any potential conflict.
10. Coordinate finial individual lot grading with final house deigns for each lot. Grading shown is intended to establish individual and overall site perimeter and drainage flows.
11. Provide grading for positive drainage with in buildable area.



NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

LOT	BASIC TOP OF FOUNDATION
1	735.8
2	735.5
3	737.55
4	737.55
5	736.75
6	736.75

R-1 RESIDENTIAL PUD

0 15 30 60
1:30

W S N E

ARCHITECTS PLANNERS ENGINEERS
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GROUNDWORK
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1 NORTH DUNDEE AVENUE, SUITE A
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NO	DATE	BY	REVISION / ISSUE
	12/23/16	MHC	NORTH CODE SWCD
1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

SCOPE DOCUMENTS
THESE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF THE CIVIL ENGINEERING DESIGN CONCEPT OF THE BUILDING AND THE BASIC CIVIL ENGINEERING ELEMENTS. AS SCOPE DOCUMENTS THESE DWGS DO NOT NECESSARILY REFLECT OR DESIGNATE THE METHOD OF CONSTRUCTION.
IT SHALL BE THE RESPONSIBILITY OF ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS, ON THE BASIS OF ALL KNOWN, SCOPE, INDICATED OR DESCRIBED, THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. THE GENERAL CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR COORDINATION OF EACH OF THE TRADES WORK AS RELATED TO THE SCOPE OF WORK REQUIRED FOR A COMPLETE PROJECT.
THESE DOCUMENTS DO NOT REFLECT ANY CHANGES, MODIFICATIONS, OR ADDITIONS MADE BY OTHERS AFTER THE DATES INDICATED ON THE DOCUMENTS, OR THAT GROUNDWORK, LTD. WAS NOT MADE AWARE. GROUNDWORK, LTD. CANNOT BE HELD LIABLE FOR CHANGES, MODIFICATIONS, OR ADDITIONS MADE TO THESE DOCUMENTS BY OTHERS. REUSE OF THESE DOCUMENTS FOR ANY OTHER THAN THE ORIGINAL INTENDED SITE SHALL BE AT SOLE RISK OF THE USER WITHOUT LIABILITY OR LEGAL EXPOSURE TO GROUNDWORK, LTD.

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274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

SCALE	AS SHOWN
DRAWN BY	RJT
CHK'D BY	
DATE	10/03/16
JOB NO.	Z137
FILE NAME	

GRADING PLAN ALTERNATE

SHEET NO.
C3.0A

UTILITY NOTES:

1. All utility improvements shall conform with current Village standards.
2. Storm structure rim elevations at curbs refer to flowline elevation.
3. See utility details for additional information.
4. All utility mains shall be installed prior to proposed sidewalks, roads, driveways, etc. shall have trench backfill Engineer shall be notified of any conflict prior to construction.
5. Contractor to locate existing utilities prior to construction. Contractor shall verify all water main shall be 5'-6".
6. Hydrant leads shall be min. 6" in diameter.
7. All storm manhole covers shall be open grate, unless indicated otherwise.
8. All storm sewers shall be constructed of RCP, minimum CLASS III.
9. The Contractor shall locate any existing field tiles encountered and shall connect to the proposed storm drainage system.
10. Prior to construction, Contractor shall verify in field invert elevations of all existing sanitary manholes that new work is to connect to. Report discrepancies to Engineer for direction prior to the continuation of work.
11. Sanitary Sewer shall be 8" Diameter, PVC SDR 26, minimum slope 0.5%.
12. Prior to construction, Contractor shall verify in field invert elevations of all existing storm manholes that new work is to connect to. Report discrepancies to Engineer for direction prior to continuation of work.
13. Contractor shall review all utilities for consistency with final grades prior to placement of pavement curbs, walks and appurtenances.
14. The Contractor shall keep a set of "Approved" Construction said plans of all items that may deviate from the proposed improvements, including any modifications / alterations to the sanitary sewer, storm sewer, water main, appurtenances, etc. as well as any field like changes, pertinent to the actual conditions. Information shall be sufficient so that all manholes, wyes and services, valve boxes, curb boxes, etc. can be located in the field. Upon completion of the Contractor's work, said plans and information shall be provided to the Engineer for preparation of record "As-built" plans.
15. Plans on the job site, and shall maintain a legible record on
16. When a sanitary service crosses above a water main, the sanitary service shall be water main quality pipe (DIP or PVC, ASTM D-2241) at least 10 feet on each side of the crossing.
17. Manhole (MH-7) is to have a "Neenah" R-4342 grate or equal.
18. Inlet (INL-3) is to have a "Neenah" R-3278-A grate or equal.
19. Catch basin (CB-5) is to have a "Neenah" R-3270 grate or equal.
20. Catch basin (CB-6) is to have a "Neenah" R-3390 grate or equal.
21. Inlet (INL-2) is to have a "Neenah" R4340-B grate or equal.
22. Install valve and a stub from valve vault to facilitate future connection. Valve is to be "East Jordan" or equal. If at time of construction it is found that the watermain is existing to remain, then valve vault, valve and fire hydrant are not needed.
23. Install a trash and safety grate on flared end section (FES-3). See Detail 1 on Sheet C9.1.
24. Catch basin (CB-6) is required to have a removable hood.
25. Contractor to field verify exact service to lots 1 and 2.
26. Confirm actual location at time of construction.
27. Street lights are to be a minimum of 4'-0" from utility service. Coordinate location of water main with street light prior to installation of cither.
28. Provide itemized line item list for separate bid of proposed Replacement/repair any driveway apron and parkway as required. See Note 29.
29. When a Wyes sewer main, above a watermain, the storm sewer is to be constructed with watermain quality in accordance with the Standard Specification for Water and Sewer Main Construction in Illinois.
30. Owner shall comply with all recommendations of ASTM and observation period of on-site observation wells #1 and #2.
31. Per "Soil Investigations" report #23311 dated October 27, 2016, item 2:
Construction precautions will be required if a basement construction is contemplated with respect to surface water seepage which could later result in hydrostatic up lift and lateral pressure in walls (time element). therefore, it is recommended that a perimeter drain be installed around the proposed basement. The drain pipes should be covered with filter sock which will act as a filter to prevent the migration of clay particles into the drain systems."

0 15 30 60
1:30

NO	DATE	BY	REVISION / ISSUE
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CARRAIG SUBDIVISION
274 & 286 W. MICHIGAN AVENUE, PALATINE, ILLINOIS

BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHCIAGO, ILLINOIS 60631

THESE PLANS ARE FOR THE FOLLOWING PURPOSED ONLY, AS INDICATED
- ☐ REVIEW ONLY
- ■ PERMIT
- ☐ BIDDING
- ☐ CONSTRUCTION
- ☐ _____

UTILITY PLAN

DRAWN BY: RJT | CHK'D BY: | SCALE: AS SHOWN | DATE: 10/03/16 | JOB NO. 2137 | FILE NAME:

SHEET NO. C4.0

GROUNDWORK
ARCHITECTS PLANNERS ENGINEERS
GROUNDWORK, LTD.
351 WEST DUNDEE ROAD, SUITE A
BUFFALO GROVE, ILLINOIS 60089
847.541.4133
FAX 847.541.4088

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NO	DATE	BY	REVISION / ISSUE
	11/23/16	MHC	NORTH COOK SWCD
1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

GROUNDWORK, LTD.
331 WEST DUNDEE ROAD, SUITE A
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ARCHITECTS PLANNERS ENGINEERS

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WATER AND SANITARY SEWER PROFILES

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GENERAL NOTES - ALL TRADES

1. Contractor shall examine the entire scope of work as shown on these construction plans, the special provisions, general conditions and other contract documents and shall visit the site prior to the start of work. Contract Documents, incidental items or accessories necessary to complete this work may not be specifically noted but are to be considered a part of the contract.
2. The Contractor shall be responsible for obtaining all required permits for construction along or across existing streets.
3. The Contractor shall make arrangements for the proper fencing, shoring and other required protection about the work to prevent any damage to persons, property, livestock and wildlife, and shall make good any damage to streets, roadways, driveways, associated structures, etc. and shall make such repairs as necessary to the satisfaction of the Village Engineer and Owner.
4. All requests for clarification or additional information relative to construction methods, items, equipment, etc. prior to bidding shall be directed to the Engineer who will furnish in writing any clarifications or additional information required.
5. Any discrepancies or conflicts on the plans, quantities, or specifications, discovered by the Contractor, either prior to or after the award of the contract shall be brought to the Engineer's attention immediately.
6. Whenever the performance of work is indicated on the plans and not mentioned in the contract for payment, the work shall be considered incidental to the contract and no additional payment will be allowed. The scope of work is as shown on the plans and as reasonably inferable therefrom.
7. Contractor shall be responsible for reviewing all site conditions in order to determine all take-offs and shall estimate all quantities required for full execution of their work. Contractor shall be responsible for the complete project. No claims for extra work will be recognized unless ordered in writing by the Owner.
8. All work performed under this contract by any Contractor and/or Subcontractor shall be guaranteed by the Contractor against defective workmanship, for one (1) year from the date of final acceptance of the work by the Village of Palatine, other agencies, and Owner. The Contractor guarantees all materials furnished and work performed by him and his subcontractors to be free from defects in workmanship and materials for a period of one (1) year from the date of final acceptance of the work by the Village of Palatine, other agencies, and Owner.
9. The Contractor shall indemnify and hold harmless the Owner, Groundwork, Ltd. (the Engineer), and the Village of Palatine, their employees and agents, etc. while acting within the scope of their duties from and against any and all liability, claims, and cost whatsoever, including attorney's fees, arising out of or incident to the performance of the work described herein, but not including the sole negligence of the Owner, his agents, the Engineer, his employees and agents. Every Contractor and Subcontractor shall name the Owner, Groundwork, Ltd., and its employees and agents, and as additional insured.
10. Prior to commencement of construction, the Contractor shall verify all dimensions, elevations and discrepancies from what is shown on the construction plans. Contractor shall immediately report same to the Engineer before doing any work, otherwise the Contractor assumes full responsibility for the correction of any work not conforming to the plans and specifications.
11. Specifications and/or special details, the Contractor will be considered to have proceeded at his own risk, and any corrective work required by the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies, shall be done by the Contractor at his own expense. Should any conflict occur between the specifications and/or special details, the Contractor will be considered to have proceeded with the work in accordance with the more stringent requirement, unless otherwise directed in writing by the Engineer as both suitable and acceptable for successful completion of work. In the event of any doubt or question arising with respect to the true meaning of the construction plans or specifications, the Engineer shall be requested to provide an interpretation or clarification before proceeding with the work.
12. The Contractor shall verify the location and elevations of underground facilities with the respective utility companies and shall notify the Engineer immediately in the event of any conflict between the proposed improvements and existing facilities. The Contractor shall be responsible for furnishing all labor and material to verify and substantiate the actual location and elevations of these facilities and for their protection from damage due to construction. The information shown on the plans relative to the location of existing facilities does not relieve the Contractor of his responsibility to ascertain the sufficiency or accuracy of the facilities, nor the manner in which they are to be removed or adjusted. The Contractor shall obtain from the respective utility companies detailed information relative to the location and elevations of their facilities in the area of construction and shall review same with the Engineer prior to the start of construction. The Contractor shall notify the Engineer immediately so that the adjusting them. It shall be the Contractor's responsibility to notify all utility companies of the proposed construction schedule. If existing utility lines of any nature are encountered which conflict in any manner with the proposed improvements, the Contractor shall notify the Engineer immediately so that the conflict may be resolved. If the Contractor damages existing utilities, Contractor shall pay for cost of repair.
13. Pre-construction meetings shall be arranged through the Village of Palatine Engineering and Public Works Departments.
14. The Contractor shall provide video tape(s) or still picture as required by the Village Engineer prior to beginning work.
15. The Contractor shall be responsible for the construction, maintenance, safeguarding, and supervision of construction, temporary, or any work necessary for, or incidental to, the proper prosecution of the work. The Contractor is solely responsible for execution of his work in accordance with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities bearing on the performance of the work.
16. The Contractor shall be responsible for maintaining and supervising all safety precautions and programs in connection with the work. Each Contractor and Subcontractor shall take all necessary precautions for the safety of, and shall provide all necessary protection to prevent damage, injury or loss to:
   a. All employees on the work and other persons and organizations who may be affected thereby;
   b. All work and materials and equipment to be incorporated therein, whether in storage on or off the site; and
   c. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
17. Special attention is drawn to the fact that the Standard Specifications requires the Contractor to keep a competent superintendent on the project site at all times irrespective of the amount of work being performed. The superintendent shall represent the Contractor in all matters pertaining to the specifications, shall have full authority to execute orders to expedite the project, and shall be responsible for scheduling and have control of all work in the agent of the Contractor. Failure to maintain a competent superintendent on the project site may result in a stop work order until the discrepancy is resolved.
18. It is understood by the Contractor that the Owner shall not be responsible for the accuracy of marks made or stakes set. The Contractor shall be responsible for proper protection and preservation of all stakes and marks made or set by the Engineer, Surveyor, or their agents. Any mistakes or errors resulting from tampering with or the removal of marks or stakes shall be corrected by the Contractor at his own expense. Any stakes disturbed by the Contractor shall be replaced by Owner with an additional charge to the Contractor.
19. The Contractor or Owner shall hire an Illinois licensed Soils Engineer who will supervise and certify that all roadways are constructed in accordance with the Village of Palatine's specifications and recommendations of the project soils report as listed on the cover sheet of the Improvement Area Subgrade* or recommendations of the project soils report as listed on the cover sheet of the Improvement Plans.
20. The Contractor will be responsible for ensuring that all unsuitable materials are removed, all preserved, proof rolling and subgrade testing is performed, all pavement subgrades are properly embankments are properly constructed.
21. All compaction testing to be paid for by the Owner. Testing to be at the discretion of the Village.
22. Any items that are not specifically shown on the plans or in the summary of quantities but can reasonably be interpreted to be included in the work described shall be incidental to the cost of the contract.
23. The Contractor shall refer to landscape plans for complete information regarding planting locations.
24. The Contractor, be individual, firm, partnership or corporation contracting with the Owner for performance of the prescribed work.
   a. The Contractor is the individual, firm, partnership or corporation having the authority to represent, act for, and direct on behalf of the work to be performed under the contract.
   b. The Engineer is the individual, firm, partnership or corporation employed by the Village of Palatine where specifically referred to in the Special Provisions shall be the Owner's representative.
   c. The Owner is the Village of Palatine.
   d. The Contractor shall be responsible for the installation and maintenance of, all necessary signs, traffic control devices, barricades, fences, warning devices, equipment, personnel, etc. to inform and protect the traveling public from any hazard created by the work. Such devices shall be provided in accordance with Article 107.14 of the IDOT, Barricades and warning signs shall be lighted at night as specified in Article 701.11 of the IDOT. Barricades and warning signs shall be maintained from dusk to dawn at all locations where construction operation warrant, or as designated by the Village Engineer. All traffic control work shall be done in accordance with the Illinois Manual on Uniform Traffic Control and Safety. Any temporary road closure shall be completed with proper traffic control as mandated by Illinois Department of Transportation (IDOT).
25. Contractor to provide, at a minimum, unit costs for basic quantities including: earthwork (for each type of specified fill); removal of unsuitable soils; curb and gutter; paving and flatwork; utilities and sodding; etc.
26. All improvements and/or excess or other permanent improvements which exist the proposed improvement and must be removed, shall be sawed as directed prior to removal. All items so removed shall be replaced with similar construction materials to their original condition or better.
27. Removed pavement, sidewalk, curb and gutter, etc. shall be disposed of by the Contractor at his own expense at an offsite dump site. Excavation outside the Village of Palatine shall be disposed of in accordance with the Storm Water Pollution Prevention Plan (SWPPP) and with the Illinois Urban Manual.
28. Contractor to provide all temporary erosion control measures in accordance with the approved SWPPP.
29. Contractor shall maintain roadways adjoining the project site free from mud, dirt and debris at all times. If mud and/or debris is/are carried onto the roadways from either the Contractor's trucks, his employees vehicles, or his materials suppliers, the Contractor shall immediately remove the mud and/or debris from the roadways. Street sweeping may be required. This may include sweeping of streets multiple times per day.
30. Contractor to provide and maintain adequate and approved sanitary facilities for the use of all persons employed on the work, in accordance with the requirement of the Village Engineer.
31. Before acceptance by the Owner and final payments, all work shall be inspected and approved by the Owner or his representative. Final payment will be made after all of the Contractor's obligations under the contract have been fulfilled to the satisfaction of the Owner.
32. In the event of a conflict between statements which apply to the construction work, the statement contained within the document first enumerated below shall govern:
   a. Special Provisions
   b. General Notes
   c. Notes and Details on the Engineering Plans
   d. Standard Specifications, as defined in Paragraph 1 above.
33. The Contractor shall be responsible for the following, which shall also be incidental to the cost of construction:
   a. Examination of the Engineering Plans and Specifications and the existing site condition prior to submitting a bid, and notifying the Engineer at once of any discrepancies.
   b. The obtaining of any permits not previously applied for by the Owner, and posting of the necessary bonds.
   c. The notification of the start of construction to all jurisdictional agencies, utility companies and persons who are established by the Owner. The Contractor shall not proceed with any construction work until the Owner has been notified at least one (1) working days prior to said start. All existing utilities shall be staked prior to construction.
   d. Calling attention to the Owner of any errors or discrepancies which may be suspected in the plans and specifications. The Contractor shall not proceed with any work so affected until such errors or discrepancies are verified or corrected by the Owner. Additional staking that may be required due to the Contractor's negligence, shall be paid for by the Contractor.
   e. The protecting of construction hazards with barricades, and the keeping of public street traffic under control.
   f. The restoration to the original condition or better of any offsite areas that are damaged by the Contractor during construction.
   g. The setting of materials, if required by the Owner and/or the jurisdictional agencies, acceptance by the Owner and the jurisdictional agencies.
34. The Owner shall be responsible for the following:
   a. Providing the Contractor with one (1) set of construction plans and specifications.
   b. Providing the Contractor with one (1) set of construction line and grade stakes (at offsite locations).
   c. Providing for IEPA permits. Other necessary permits shall be the responsibility of the Contractor.
35. The Engineer shall be responsible for the following:
   a. The establishment of the construction line and grade for the work.
   b. The Engineer shall have the right, during such visits or as a result of such observation of the Contractor's work in progress, to reject defective work, and to require special inspection or testing of work as provided in the Contract Documents, whether or not such work be then fabricated, installed or completed. However, neither the Engineer's authority to act under this paragraph or any decision made by him in good faith either to exercise or not to exercise such authority, shall give rise to any duty or responsibility of the Engineer to the Contractor, any Subcontractor, any of their agents or employees, or any other person performing any of the work.
   c. The Engineer shall not be responsible for the Contractor's means, methods, techniques, sequences or procedures of construction selected by the Contractor, or for safety precautions and programs incident to the work of the Contractor or for any failure of the Contractor to comply with laws, rules, regulations, ordinances, codes or orders applicable to the Contractor in furnishing and performing their work. Accordingly, the Engineer can neither guarantee the performance of the construction contracts by the Contractor or third parties, nor assume responsibility for the Contractor's failure to furnish and perform their work in accordance with the Contract Documents.

NO	DATE	BY	REVISION / ISSUE
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SHEET NO.: C8.0
FILE NAME:

NOTES

C8.0

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FIRE HYDRANT

HYDRANT TO BE GRIPAL FLANGE TYPE WITH 5 1/4" MAIN VALVE OPENING AND 1-1/4" STEAMER CONNECTION

MUELLER H-10350 OR EQUAL WITH 5 1/4" SHOE, RE-FACED DIRECTLY TO MAIN, WITH MECHANICAL JOINT

MUELLER H-10350 OR EQUAL WITH THE WORD "WATER" CAST ON THE LID

3'-0"

2'-3"

3'-0" MIN.

CONCRETE THRUST BLOCK

UNDISTURBED CLAY

CONCRETE SUPPORT AND/OR THRUST BLOCKING SHALL NOT REACH OR OBSTRUCT HYDRANT DRAIN

DRAIN FIELD TILE, SHALL CONSIST OF 10'-0" MINIMUM LENGTH OF 4" PERFORATED PIPE

4" MAIN TO HYDRANT

3" STEAMER OUTLET

6" GATE VALVE

6" MAIN

1 MWRD NOTES

SCALE N.T.S.

TECHNICAL GUIDANCE MANUAL

MWRD GENERAL NOTES

2 POND SECTION

SCALE N.T.S.

BASIN CROSS SECTION

N.T.S.

Emergent Plantings

Botanical Name	Common Name	Qty. (sf)	Plants/sf
Acorus calamus	Sweet Flag	1,750	1/2
Alisma subcordatum	Water Plantain	1,750	1/2
Asclepias incarnata	Marsh Milkweed	0.375	
Eleocharis palustris	Great Spike Rush	0.375	
Glyceria grandis	American Manna Grass	0.375	
Iris virginica shrevei	Blue Flag	0.500	1/2
Juncus effusus	Soft Rush	0.375	
Lythrum salicaria	Purple Loosestrife	0.375	
Pontederia cordata	Pickerelweed	0.500	1/2
Sagittaria latifolia	Broad-leaved Arrowhead	1,250	2/3
Sagittaria rigida	Sessile-fruited Arrowhead	1,250	2/3
Scirpus atrovirens	Dark Green Bulrush	0.250	1/4
Scirpus cyperinus	Woolgrass	0.250	1/4
Scirpus validus	Great Bulrush	0.250	1/4
Typha latifolia	Broad-leaved Cattail	1,250	2/3
Typha angustifolia	Narrow-leaved Cattail	1,250	2/3
Typha x glauca	Hybrid Cattail	1,250	2/3
Sparganium eurycarpum	Common Bur-Reed	1,000	1/2
	Total Emergent Plantings	8,125	3907

Note: Emergent soil depth must be installed at the proper elevation. The pond will not be filled to permanent pool elevation until the emergent plantings have established. Any pond liner shall be covered with a soil layer that will be installed and established prior to the installation of the emergent plantings. Soil for wet and dwet mesosys 2.25" x 3" x 4ft x volume of 1,750 inches.

3 TURFSTONE

SCALE N.T.S.

NOTE: TARMOTE® OR APPROVED EQUAL

4 STREET LIGHTING

SCALE N.T.S.

TRADITIONAIRE LED CONC. BASE

STREET LIGHTING DETAIL

BASE DETAIL

FOUNDATION DETAIL

5 FIRE ACCESS ROAD

Turfstone Paver

Engineer's Seal

Drawing Title: UNILOCK® PAVER DETAIL Cross Section

Drawing No.: FIREROAD.DWG

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6 VALVE VAULT

SCALE N.T.S.

VALVE VAULT

NOTE: USE NEENAH R-1077-A FRAME & COVER IN PAVED AREAS AND NEENAH R-1015 FRAME & COVER IN PAVED AREAS. COVER TO BE STAMPED WATER.

5'-6" MIN.

5'-0"

6' DIA FOR VALVE SIZES 16" OR LARGER

6' DIA FOR VALVE SIZES 12" THRU 16" HERE 5'-0" THRU 10"

PRECAST CONCRETE ADJUSTING RINGS

PRECAST CONCRETE RING CONSIST OF CONCENTRIC OR ECCENTRIC AS REQUIRED

MORTAR

WATER TIGHT JOINTS

MORTAR

4" GRANULAR BED

DRY BRICK WALL SUPPORTS

N.T.S.

LTW JUNE 1985

7 STANDARD MANHOLE

SCALE N.T.S.

STANDARD MANHOLE

FOR SEWERS 36" DIA. & SMALLER

TRAFFIC AREAS AND SEWERS OVER 15'-0" IN DEPTH SHALL BE CONSTRUCTED WITH LOW FRAME TO BE SET IN MORTAR

ADJUSTING RINGS & MAXIMUM OF 12" ADJUSTMENT TO BE 12"

PRECAST CONC. RING TOP SECTION SHOWN ECCENTRIC OVER FLATTER SIDE OF MANHOLE

MEENAH R-1981-1 OR APPROVED EQUAL 24" ON CENTER

PRECAST CONC. BASE

6" GRAVEL OR CRUSHED STONE

MORTAR

VARIES

5'-6" FOR 6' DIA. 4'-0" FOR 5' DIA.

NOTES:

1. MAX TOP RING HEIGHT IS 5'-0", PROVIDES USE OF CONC. INSTALL FLAT TOP SECTION WHERE REQUIRED (STD. 534#).
2. PIPE OPENINGS TO BE CAST WITH WALL.
3. STEPS REQUIRED, THAT PRECAST CONC. BASE BE CAST INTEGRAL WITH LARGEST WALL SECTION.
4. PRECAST BOTTOMS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH RUBBER RING GASKET.

LTW JUNE 1985

8 STANDARD CATCHBASIN

SCALE N.T.S.

NOTE: SEE SHEET C4.0 FOR GRATE SPECIFICATIONS

STANDARD CATCHBASIN

VARIES 4'-0" MIN.

5'-0"

INLET

4'-0"

OUTLET

VARIES 2'-0" MIN.

8" PRECAST CONC. BASE WITH 6" GRAVEL OR CRUSHED STONE BED

8" COURSE PRECAST MASTIC IF NEEDED TO BE 12" ADJUSTMENT

PRECAST CONCRETE R.I.T.M. C-478

HEAL SPACE WITH MORTAR

MEENAH R-1981-1 OR APPROVED EQUAL STEPS ON 16" CENTER

NOTES:

1. 6 FT IS RECOMMENDED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LARGEST WALL SECTION.
2. PRECAST BOTTOMS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH BUTYL SEALER.

N.T.S.

01-05-94 LWU

9 SPECIAL INLET

SCALE N.T.S.

NOTE: SEE SHEET C4.0 FOR GRATE SPECIFICATIONS

SPECIAL INLET

2', 3' AND 4' DEPTH

PLAN

SECTION

4'-0" DIA.

6" INLET

HEAL SPACE WITH MORTAR

8" PRECAST CONC. BASE CRUSHED STONE

PRECAST CONCRETE CONSTRUCTION

NOTES:

1. 6 FT IS RECOMMENDED THAT PRECAST CONCRETE BASE BE CAST INTEGRAL WITH LARGEST WALL SECTION.
2. PRECAST BOTTOMS TO BE JOINED WITH TONGUE AND GROOVE JOINTS WITH BUTYL SEALER.
3. SPECIAL INLETS SHALL NOT BE USED WHERE THE FLOW DEPTH IS GREATER THAN 6" OR MORE THAN 50 FEET OF PENETRATION TYPE, THE INLET RECEIVING THE FLOW SHALL BE 8" OR 4'.

01-05-94 LWU

NOTE: DETAILS SHOWN ARE TAKEN FROM VILLAGE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING AND COMPLYING WITH LATEST VILLAGE ORDINANCE STANDARDS.

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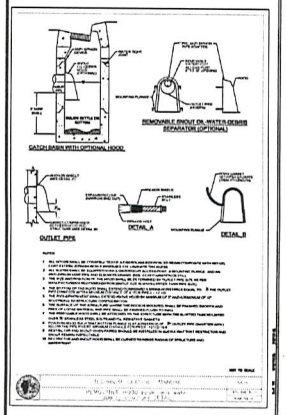
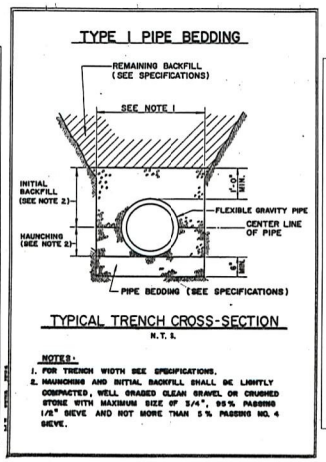
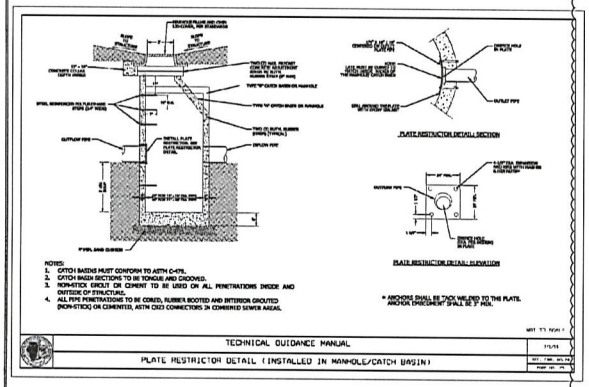


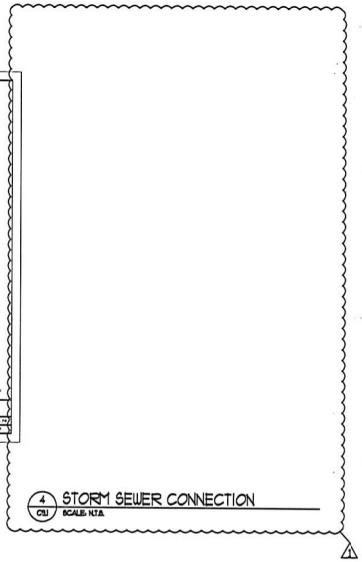
1 CSJ REMOVABLE HOOD BASIN
SCALE: N.T.S.



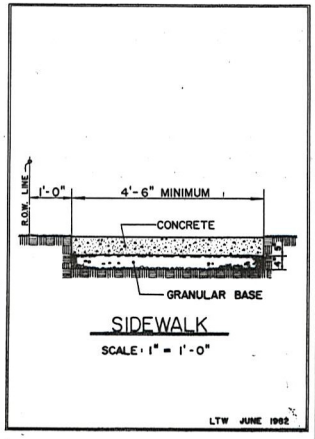
2 CSJ TYPE I PIPE BEDDING
SCALE: N.T.S.



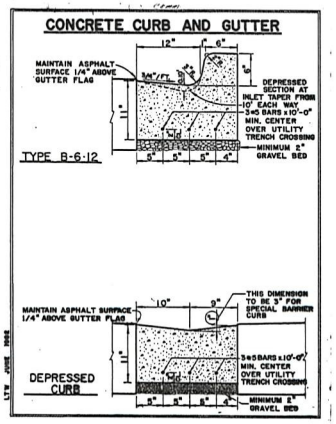
3 CSJ RESTRICTOR DETAIL
SCALE: N.T.S.



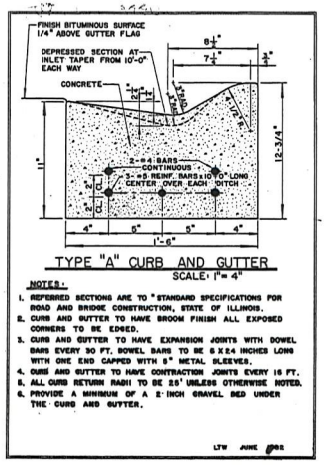
4 CSJ STORM SEWER CONNECTION
SCALE: N.T.S.



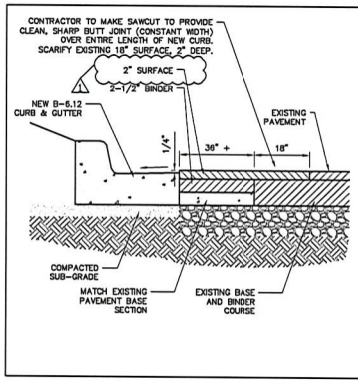
5 CSJ SIDEWALK DETAIL
SCALE: N.T.S.



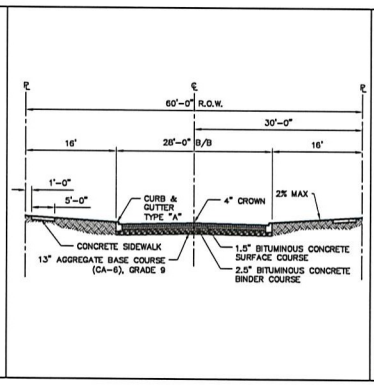
6 CSJ CONCRETE CURB AND GUTTER
SCALE: N.T.S.



7 CSJ TYPE "A" CURB AND GUTTER
SCALE: N.T.S.



8 CSJ PAVEMENT PATCHING AT CURB & GUTTER PLACEMENT
SCALE: N.T.S.
NOTE: AT MICHIGAN AVENUE



9 CSJ ROAD CROSSING CONNECTION
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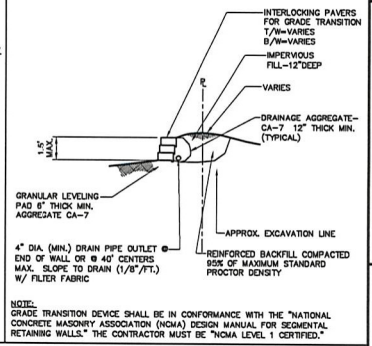

NOTE:
GRADE TRANSITION DEVICE SHALL BE IN CONFORMANCE WITH THE "NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA) DESIGN MANUAL FOR SEGMENTAL RETAINING WALLS." THE CONTRACTOR MUST BE "NCMA LEVEL 1 CERTIFIED."

10 CSJ GRADE TRANSITION
SCALE: N.T.S.

NOTE:
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7510 OROLE AVENUE
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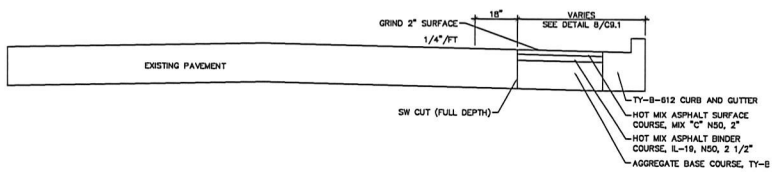
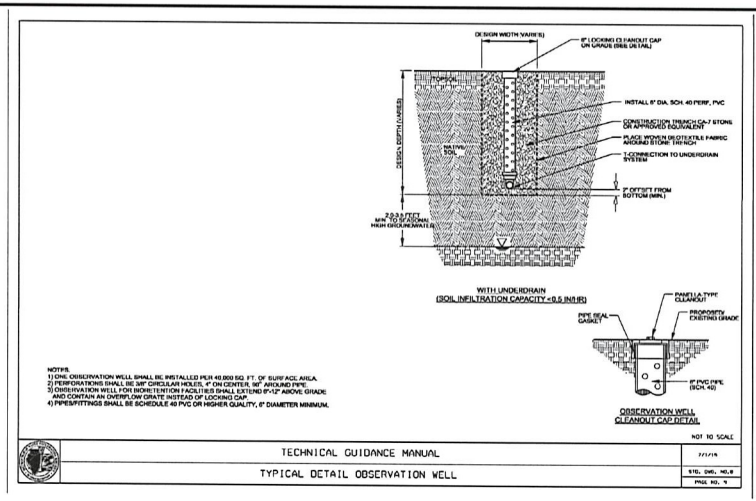
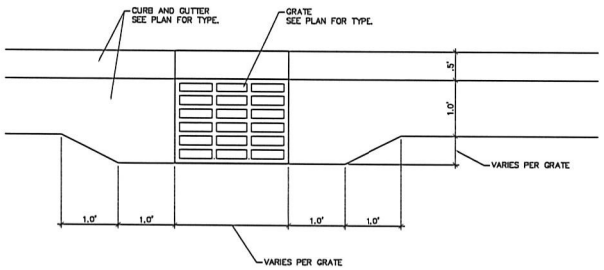
DRAWN BY: RJT
CHK'D BY:
SCALE: AS SHOWN
DETAILS
FILE NAME:
DATE: 10/03/16
JOB NO.: 2137
SHEET NO.: C9.1



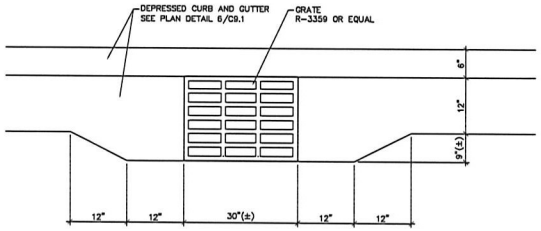
1 C9.2 ROAD CROSS SECTION - MICHIGAN AVENUE
SCALE: N.T.S.



2 C9.2 OBSERVATION WELL
SCALE: N.T.S.



3 C9.2 CURB AND GUTTER MODIFICATION
SCALE: N.T.S.



4 C9.2 DEPRESSED CURB AND GUTTER MODIFICATION
SCALE: N.T.S.

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BLACKWATER VALLEY DEVELOPMENT, INC.
7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

DRAWN BY: RJT
CHK'D BY:
SCALE: AS SHOWN
DETAILS
FILE NAME:
DATE: 10/03/16
JOB NO. 2137
SHEET NO. C9.2

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

1. Soil Erosion and Sedimentation Control (SESC) measures shall be provided in accordance with the following:
   a. Illinois Urban Manual (IUM);
   b. the "Procedures and Standards for Urban Soil Erosion and Sedimentation Control in Illinois";
   c. the Illinois Environmental Protection Agency;
   d. National Pollutant Discharge Elimination (NPDES) system permit for "Construction Site Activities";
   e. National Resources Conservation Service (NRCS);
   f. Metropolitan Water Reclamation District of Greater Chicago.
2. The SESC measures indicated on the plans are the minimum requirements. Any other measures deemed necessary by the Owner, Engineer or Village Engineer, shall be implemented immediately by the Contractor.
3. See Storm Water Pollution Prevention Plan, available from Owner.
4. A copy of the approved Storm Water Pollution Prevention Plan (SWPPP) shall be maintained on site at all times.
5. It shall be the Contractor's responsibility to verify that a valid Notice of Intent (N.O.I.) is on record with the Illinois Environmental Protection Agency (I.E.P.A.), and that coverage has been obtained prior to disturbing any ground.
6. Soil disturbance shall be conducted in such a manner as to minimize erosion. Soil stabilization measures shall consider the time of year, site conditions and the use of temporary or permanent measures.
7. Streets and driveways adjacent to the site and work area shall be kept free of dirt, mud and other debris. The contractor shall immediately remove any dirt, mud or debris that may become deposited upon the adjacent streets.
8. If the contractor fails to perform the required action, the Contractor shall provide a water truck at intervals sufficiently adequate to meet these requirements.
9. The Contractor shall be responsible for meeting the requirements of all applicable SESC ordinances. The cost of all work necessary to meet these requirements shall be considered incidental to the various contract items.
10. Provide SESC measures in accordance with the applicable specifications and with the requirements of the Storm Water Pollution Prevention Plan (SWPPP).
11. SESC measures (including silt fencing) shall be constructed at the onset of construction activity and maintained throughout the duration of the project. Any disturbance of upland areas to contain the effects of construction activity from existing non-disturbed areas.
12. All temporary and permanent structures that are or will be functioning during construction shall be protected by soil erosion and sedimentation control measures as soon as they are installed and permanent vegetation and SESC measures has been established. See details on plans.
13. All SESC measures shall be maintained and repaired as needed by the Contractor. If permanent SESC measures must be maintained and repaired as directed by the Chief permanent SESC measures must be maintained and repaired as directed by the Chief Engineer.
14. Wherever, during construction operations, any loose material is deposited in the flow line of gutters, drainage structures, ditches, etc. such that the natural flow line of water party. At the conclusion of all construction operations, all SESC measures shall be removed immediately by the responsible lines shall be free from dirt, grit and debris. This work shall be considered incidental to the contract.
15. Unless otherwise indicated or designated by the developer shall inspect disturbed areas of the construction site that have not been finally stabilized, SESC measures that are in effective operation, and areas where vehicles enter or exit the site. Such inspection shall be conducted at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall. Based on these inspections, the developer shall direct the contractor to repair SESC measures that are in need of maintenance. Repair measures deemed necessary to effectively control soil erosion and sedimentation.
16. A written report detailing the condition of the SESC measures, and any correction made to keep same in functioning order, shall be submitted to the Village Engineer by noon Friday of each week, and within 48 hours of any 0.5 inch or greater storm event.
17. Sediment basins shall be maintained until removal when they have served their usefulness so as not to block or impede storm flows or drainage.
18. Disturbed areas shall be stabilized with temporary or permanent measures within 7 calendar days of the end of active hydrologic disturbance, or re-disturbance.
19. Areas designated for infiltration shall be stabilized to 41E1V shall be stabilized with sod, mat and / or blanket in combination with seeding.
20. If dewatering services are used, adjoining properties and discharge locations shall be protected from erosion. Discharges shall be routed through an effective SESC measure prior to entering any waterway or conveyance. Contractor shall verify additional requirements prior to construction of dewatering facilities.
21. Temporary soil stockpiles shall not be located in flood prone areas.
22. Stockpile embankments shall have slopes no greater than 3H:1V.
23. Soil stockpiles shall be protected per SESC measures. Temporary seeding, mulching and sodding shall be in accordance with the landscape plan, by others.
24. Sediment basins shall be constructed in accordance with the Village and Cook County requirements.
25. All disturbed ground within the Village's or County's Right-of-Way shall be restored to the satisfaction of the Village and /or County.
26. Contractor shall protect all utility structures (manholes, inlets, catch basins, sumps, water meters, etc.) and/or retention basins from the accumulation of silt, debris, or foreign matter of any kind. Utility structures shall be cleaned of any at the end of the project and prior to debris build-up is present at the time of final inspection, the developer shall be required to clean the structure. Cleaning shall be as per cleaned if evidence of the construction of the project if it is determined that the silt and debris traps are not functioning properly.
27. The locations of the SESC measures and is subject to change due to field conditions and is shown on this plan for convenience only. Contractor is responsible for coordinating all requirements.

SUGGESTED CONSTRUCTION SEQUENCING AND CONTROL MEASURE CHART

1. Installation of temporary perimeter chain link construction fence. Fence shall enclose site and parkway.
2. Installation of Soil Erosion and Sedimentation Control (SESC) Measures
   a. Silt Fence
   b. Provide erosion control blanket on all disturbed areas in Michigan Avenue ROW.
3. Mass Grade Site.
4. Strip topsoil, stockpile topsoil and grade site.
5. Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope).
6. Temporary Seed Disturbed Areas Exposed +14 Days
   a. Stockpiles and areas exceeding 3 vertical to 4' horizontal
7. Install Storm Sewers
   a. Install Storm Sewers and Structures
   b. Install inlet protection
8. Install sanitary sewers and associated utilities
9. Temporarily stabilize all areas that have reached temporary grade.
10. Install Road and Parking Subgrade
11. Site Construction Work
   a. Curb and Gutter
   b. Paving walks, roads, etc.
12. Remove excess materials and temporary seed all disturbed areas.
13. Replace parkway with 6" topsoil and sod
14. Remove inlet protection
15. Install Permanent Lawn, Complete roadway paving and repair off-site area.
16. Remove all temporary SESC measures after the site is stabilized with Perennial Ryegrass.
17. Perform Continuing Maintenance
18. * SESC maintenance must occur every 7 calendar days and after every 1/2" or greater rainfall event.

NOTE:
SIDEYARD SETBACKS ARE FOR REFERENCE PURPOSES ONLY. MINIMUM 10' SIDEYARD SHOWN. COMBINED REQUIRED 25' PER LOT.

NOTE

1. Erosion control shown applies to plan depicted on Sheet C3.0

NO	DATE	BY	REVISION / ISSUE
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1	01/20/17	MHC	REVISED PER VILLAGE COMMENTS

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EROSION CONTROL PLAN

DRAWN BY: RJT
CHK'D BY:
SCALE: AS SHOWN
DATE: 10/03/16
JOB NO. 2137
SHEET NO. C10.0

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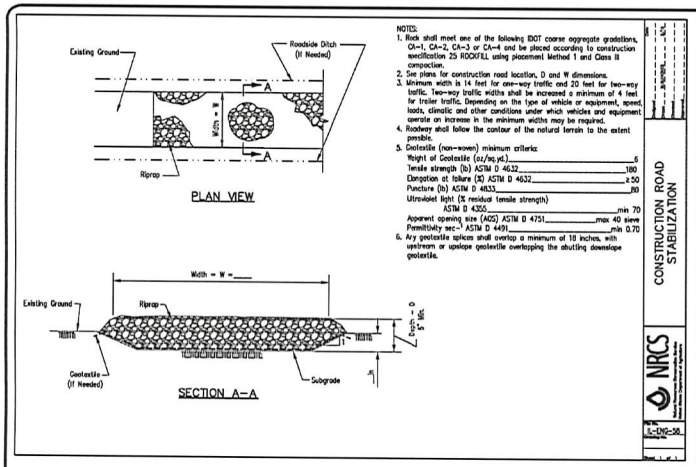

1 CIVIL STABILIZED CONSTRUCTION ENTRANCE
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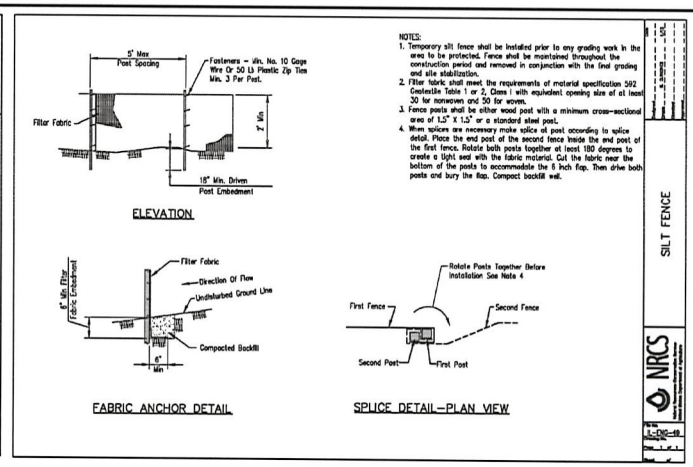

2 CIVIL SILT FENCE
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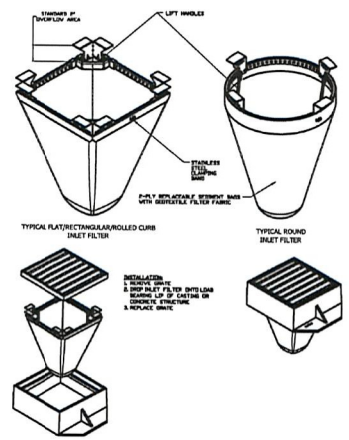

3 CIVIL INLET FILTER PROTECTION
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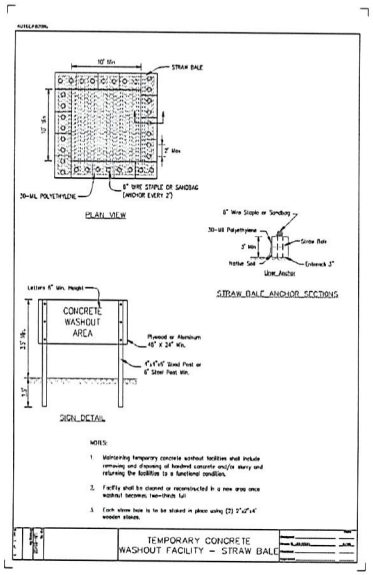

4 CIVIL CONCRETE WASHOUT
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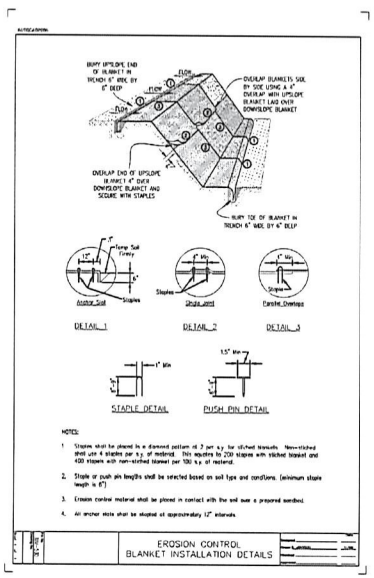

5 CIVIL EROSION CONTROL BLANKET
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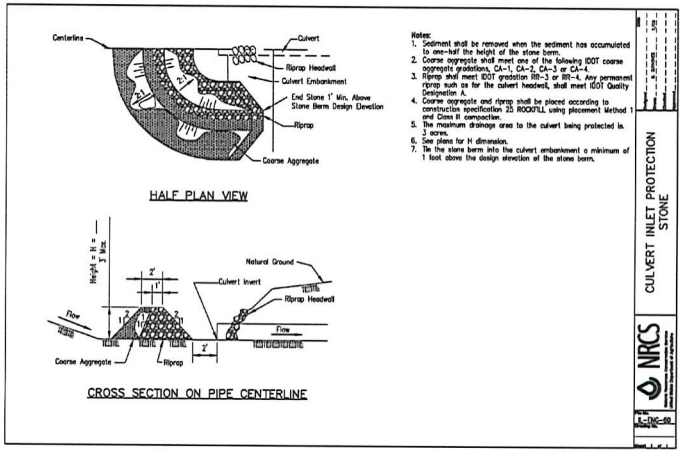

6 CIVIL CULVERT INLET PROTECTION
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7510 ORIOLE AVENUE
CHICAGO, ILLINOIS 60631

CULVERT INLET PROTECTION STONE

DRAWN BY	SCALE
RJT	AS SHOWN
CHKD BY	FILE NAME
DATE	JOB NO.
10/03/18	Z137

EROSION CONTROL DETAILS

SHEET NO.
C10.1

Attachment: 03-01-22 Plan Commission DRAFT minutes - Carraig Final Planned Development (2022-16 : Carraig Subdivision - Final Planned

III. PUBLIC HEARING

1. Final Planned Development - Carraig Subdivision - 274 and 286 W. Michigan Avenue -

Ms. Williams motion to open the Public Hearing, seconded by Mr. Fedota. Unanimously approved.
Chairman Dwyer read the notice of public hearing that was published in the Daily Herald on February 14th, 2022 and mailed to the owners of the surrounding properties.

The following petitioner's exhibits were introduced:

1. Letter to Reinstate
2. Proposed Development Description
3. Civil Engineering Plans
4. Site Color Plan
5. Representational Elevations
6. Final Planned Development
7. Rhee Objection Email
8. Abate Objection Email
9. Public Notice

Sworn in Petitioners:
Mr. Willie Cronin, Blackwater Valley Development
Mr. John Green - Groundwork Ltd., 351 W Dundee Rd, Buffalo Grove, IL - Architect, Planner & Engineer representing Willie Cronin

Mr. Green states the request before the Plan Commission is to reinstate the approved request from 2017 but expired in 2020. The request would construct 6 new single family homes and complete the roadway section that connects Carraig Subdivision and the Arcadia Subdivision.
Mr. Green presented the plans and explained the proposed development. The site would be zoned to R1B and the lots sizes exceed the minimum plan sizes for R1B. He provides details to each of the drawing plans and clarifies the utility plans. The utility plans remain the same as previously submitted.
Mr. Green refers to the Paving Plan and points out the access to the retention area and states that there is access between lots 3 and 4 for access by the village.
The grading is being matched to the Arcadia. There are a couple of overflow issues, but it is addressed and cleaned up to channel where it's supposed to go in the storm sewer system
Landscaping will be provided along the streetscapes at Michigan Ave and Prestwick drive and also around the retention facility.
The plat of Subdivision remains the same and they will be doing exactly as what was planned previously.

Mr. Kolososki asks if the 10' side yard setbacks are being handled differently.
Mr. Green states that all side yard requirements will be met and there are no changes as the plans reference 10 feet, but compliance with the required R-1 B setbacks.

Mr. Bettenhausen asks why there are 2 grading plans.
Mr. Green states that originally the Arcadia East subdivision was not in place and 2 plans were developed in case they developed first. The plan that is in the packet is the plan that will be used for the development.

Mr. Bettenhausen questions Lot 2 grading plan and questions the overflow route. He states that it looks as if some of the water would flow to the adjacent property.
Mr. Green states that there will be a small swell and it would not be an issue.

Mr. Kolososki inquires if the project would happen this year if the plan is approved. He wonders if there any way to speed up the demolition of the existing houses.
Mr. Green states it is their intention to begin construction this year. Demolition can't begin until the MWRD modifications permit is issued which can take 3-4 months

Chairman Dwyer asks why the MWRD permit would delay demolition of the existing structures.
Mr. Dwyer asks Mr. Vyverberg to clarify.

Mr. Vyverberg clarifies the MWRD process and that it is his understanding that an MWRD permit is not required to demolish the structures. He would confirm this with the Village Engineer.

Chairman Dwyer states that the condition of the lots and states that the lots are overgrown and the buildings are in poor condition. The demolition should begin ASAP.
Mr. Green states that the site will be marketed once it is reinstated and reestablished. He points out that there is also dead trees that will be addressed.
Chairman Dwyer addresses Mr. Vyverberg and states that maybe it can be added as a condition.
Mr. Vyverberg states that they still need to meet the minimum residential property maintenance, while waiting for the site development permit.
Mr. Dwyer states that the property can be inspected and determine if it conforms to the residential requirements and request it be cleaned up if not.
Mr. Vyverberg also addresses the dead trees on the property and states that the Public Works department and the arborist have already been out to inspect. The petitioner is aware of the ongoing issues regarding the landscaping and the matter is in the adjudication process.

Attachment: 03-01-22 Plan Commission DRAFT minutes - Carraig Final Planned Development (2022-16 : Carraig Subdivision - Final Planned

Mr. Fedota questions the limitation of the detention.
Mr. Green states the site has been designed to handle all of the detention on site.
He explains that the Village is studying to see if there is existing capacity in the Arcadia east detention facility.

Mr. Friedman has a question regarding the construction and the unique arrangements of the parcels coming off Michigan Ave. He asks if the earth work can happen within the North to South existing property that is part of this project or will there be heavy earth moving equipment going up and down the streets.
Mr. Green states that work would be done on the site.

Mr. Vyverberg states the summary captures the previous circumstances and the proposed plan. He explains that this was part of the Michigan Avenue Sub Area plan approved back in 2007. The plans comply with all of the zoning standards and the engineering plans were conditionally approved, subject to proposed conditions.

Chairman Dwyer addresses the 2 objector emails and explains that these have been covered and the petitioner is aware that the lots need to meet the residential standards.
Mr. Vyverberg confirms this is being addressed.

STAFF RECOMMENDATION:
RECOMMENDATIONS:

The proposed subdivision was previously approved in 2017 and complies with the recommendations of the Michigan Avenue Sub-Area Plan. The infrastructure and roadway improvements will align the surrounding subdivisions and complete the residential redevelopment on the north side of W. Michigan Avenue. Therefore, Staff recommends approval of the Final Planned Development, subject to the following conditions:

1. **The development shall substantially conform to the engineering plans prepared by Groundwork LTD dated 10/03/16 and last revised 01/20/17 except as such plans may be changed to conform to Village Codes and Regulations.**
2. **All future residences shall follow the Village's R-1B zoning standards.**
3. **No privacy fencing shall be permitted abutting the detention basin or the access easement to the detention basin. All fencing shall be of an open wrought iron style fencing in these areas.**

Attachment: 03-01-22 Plan Commission DRAFT minutes - Carraig Final Planned Development (2022-16 : Carraig Subdivision - Final Planned

4. **A Homeowners Association shall be created for the maintenance of the detention outlot and the access easement. It shall include conditions related to the fencing restrictions noted in this recommendation and maintenance of the landscape plan attached to the engineering plans. It shall also include a requirement to perform a maintenance inspection for the detention outlot the earlier of every 5 years or at an interval required by MWRD. The HOA Declarations shall be submitted in a manner acceptable to the Village Attorney. The HOA Declarations must be approved by the Village Attorney prior to the recording of the Plat of Subdivision or the issuance of any permits.**
5. **The final engineering plans shall be revised in a manner acceptable to the Village Engineer. If it is determined that the basin at Arcadia West is sufficient for the needs of the neighborhood, conditions 3 and 4 could be stricken.**
6. **A Planned Development letter of credit in amount of $60,000 ($10,000 per lot, per Article 14 of the Zoning Ordinance) shall be submitted.**
7. **A Public Improvement letter of credit in the amount of $385,983.40 (or other Village Engineer approved amount based upon any accepted changes to the EEOC) shall be submitted in a manner acceptable to the Village Engineer.**
8. **Review fees, based upon the finally accepted EEOC shall be submitted in a manner acceptable to the Village Engineer shall be submitted.**
9. **A construction traffic management plan shall be submitted in a manner acceptable to the Directors of Public Works and Planning and Zoning. This traffic management plan shall outline the proposed development schedule and identify the material delivery routes and proposed parking areas for the contractors, prior to the completion of Prestwick Street. A component of this plan shall also include an initial notification, by standard mail, to the residents on the south side of W. Michigan Avenue (263, 271, 285, 301, 325, 335, 351, and 357) once the initial site development schedule is known.**
11. **MWRD, NPDES, and IEPA permits shall be submitted.**

Ms. Williams motioned to close the public hearing; seconded by Mr. Kolososki. Unanimously approved.

DISCUSSION:

Mr. Fedota states that the conditions talk extensively about engineering plans and questions why there are no landscaping conditions.

Mr. Vyverberg states that the parkway trees are within the engineering plans and the landscaping plan for the detention basin are addressed with the MWRD permit.

Attachment: 03-01-22 Plan Commission DRAFT minutes - Carraig Final Planned Development (2022-16 : Carraig Subdivision - Final Planned

Mr. Friedman requests clarification for fencing plans on the subject parcel and refers to the clause that any fencing facing the retention basin would be open wrought iron fencing. Would the clause effect existing properties.
Mr. Vyverberg states the condition is only for the subject properties
Mr. Friedman asks if the clause for safety.
Mr. Vyverberg states it is more about maintaining the free flowing stormwater to the detention basin.
Mr. Fedota asks if the wrought iron fencing is part of the HOA requirements.
Mr. Vyverberg indicated that the condition is for Lots 1-4 for only the Subject Property.
Mr. Friedman notes that existing fences are board on board privacy fencing.
Mr. Dwyer states that when the Arcadia was developed the basin was not identified and therefore fencing was not addressed.

Mr. Fedota motioned to approve the Carraig Subdivision Final Planned Development; seconded by Mr. Bettenhausen. Unanimously approved.
Mr. Dwyer asked when this item will tentatively be reviewed by the Community and Economic Development Committee.
Mr. Vyverberg indicates that it is tentatively scheduled for the March 7th meeting.

Communications:
There will be a meeting on 3/15/22 for the LPC Algonquin property.
The revised minutes will be addressed at the end of the 3/15/22 meeting.

Attachment: 03-01-22 Plan Commission DRAFT minutes - Carraig Final Planned Development (2022-16 : Carraig Subdivision - Final Planned

Consider a Motion Accepting the Required Three-Month Review of Operations of Madcats at 117 W. Slade Street

BACKGROUND:
Madcats received Special Use approval for a restaurant/bar, with live entertainment on February 1, 2021, subject to nine conditions. After receiving a building permit and completing the interior construction renovations, Madcats opened in late fall 2021. The Special Use conditions require a 3-month and 9-month review of operations. It also provided the ability to recommend additional conditions as part of the review.

KEY ISSUES:

- The approved Special Use included conditions relative to the use of security cameras, compliance with a smoking plan, and limitations about the use of the auxiliary dining room.

- The approved business plan included live entertainment hours as follows: Friday/Saturday 8 PM through 11:30 PM; Tuesday through Thursday 7 PM through 11:30 PM; Sunday 5 PM-11 PM. The event time activities listed on the website were consistent with the live entertainment hours in the business plan.

- Since Madcats has been open and operational, Staff has not received any complaints. Staff also contacted the two surrounding businesses in the 117 building, who participated in the Special Use process. Although one of the businesses relocated from the 117 building, both businesses reported that, thus far, there were no issues with Madcats' operations.

- As part of this review, the Police Department also reviewed the calls for service associated with Madcats. There were 9 calls for service during this time. This included 4 calls relative to a fire alarm, 2 ambulance assists, 1 traffic accident (no injury), 1 customer/management dispute, and 1 non-specific disturbance.

ALTERNATIVES:
1. Accept the 3-month review of operations.
2. Do not accept the 3-month review of operations.

RECOMMENDATION:
Staff recommends acceptance of the 3-month review, without recommending any additional Special Use conditions at this time.

ACTION REQUIRED:
A motion to accept 3-month review of operations for Madcats at 117 W. Slade Street.

ATTACHMENTS:

- Aerial Map
- My Flavor It Place - Madcats response
- Dance Loft - Madcats response

- Madcats Police Calls for Service
- ORD Special Use 117 W. Slade Street - Madcats
- Madcats approved business plan

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Jim Schwantz, Mayor
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

117 W Slade Street

Attachment: Aerial Map (117 W. Slade Street - Special Use 3-month review of operations)

Ben Vyverberg

Subject: FW: 117 W. Slade Street - MadCats

From: My Flavor It Place >
Sent: Tuesday, February 15, 2022 9:21 AM
To: Ben Vyverberg <BVyverberg@palatine.il.us>
Subject: Re: 117 W. Slade Street - MadCats

> **Caution:** This is an external email, Please take care when clicking links or opening attachments. When in doubt, please talk with the sender or check with VOP IT

Hi Ben,

Thank you for reaching out and following up. All has been fine on our end with MadCats as our new neighbors. Hoping summer is the same :)

Thank you,

Cally

On Tue, Feb 15, 2022 at 8:53 AM Ben Vyverberg <BVyverberg@palatine.il.us> wrote:

> Good morning Anna and Cally –
>
> I hope that all is well. I wanted to advise you and the other tenants in the 117 W. Slade Street building that Staff is in the process of preparing a review of the MadCats Special Use and operations for an upcoming Village Council agenda. While I have not received any specific complaints about their business operations and the required building improvements were completed through the building permit review and certificate of occupancy inspections, I also wanted to follow up, based on our discussions through the Special Use process. Please let me know if you have any other questions or concerns related to the use.
>
> Thank you,
>
> Ben

Attachment: My Flavor It Place - Madcats response (117 W. Slade Street - Special Use 3-month review of operations)

Ben Vyverberg

Director of Planning and Zoning

Community Development Department

Village of Palatine

200 E. Wood Street

Palatine, IL 60067

847-359-9048 (direct)

bvyverberg@palatine.il.us

VILLAGE of PALATINE

--
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Facebook: My Flavor It! Place - Lake Zurich
Facebook: My Flavor It! Place - Wauconda
Facebook: My Flavor It! Place - Palatine
Instagram: Follow us on Instagram! @myflavoritplace

Attachment: My Flavor It Place - Madcats response (117 W. Slade Street - Special Use 3-month review of operations)

Ben Vyverberg

Subject: FW: Madcats

From: Info thedanceloftil>
Sent: Tuesday, February 15, 2022 12:45 PM
To: Ben Vyverberg <BVyverberg@palatine.il.us>
Subject: Re: Madcats

> **Caution:** This is an external email, Please take care when clicking links or opening attachments. When in doubt, please talk with the sender or check with VOP IT

Dear Ben,

Thank you so much for your email and follow-up. Unfortunately, we were left with no choice but to relocate our business for many documented safety concerns within the 117 W Slade St building. At this time, we do not have any additional complaints or concerns to address. We greatly appreciate you letting us know and for reaching out.

Please let us know if you need anything or if any further information is needed.

Have a wonderful day!
Susan and Brittany

From: Ben Vyverberg <BVyverberg@palatine.il.us>
Sent: Tuesday, February 15, 2022 8:46 AM
To: Info thedanceloftil <info@thedanceloftil.com>
Subject: RE: Madcats

Good morning Brittany and Susan –

I wanted to advise you and the other tenants in the 117 W. Slade Street building that Staff is in the process of preparing a review of the MadCats Special Use and operations. While I have not received any specific complaints about their business operations and the required building improvements were completed through the building permit review and certificate of occupancy inspections, I also wanted to follow up, based on our discussions through the Special Use process. I understand that you have since relocated the business to 43 W. Slade Street, but I also wanted to determine if you have any other questions or concerns related to the use.

Thank you,

Ben

Ben Vyverberg
Director of Planning and Zoning
Community Development Department

Village of Palatine
200 E. Wood Street
Palatine, IL 60067

847-359-9048 (direct)
bvyverberg@palatine.il.us
VILLAGE of PALATINE

Attachment: Dance Loft - Madcats response (117 W. Slade Street - Special Use 3-month review of operations)

From: Info thedanceloftil <info@thedanceloftil.com>
Sent: Tuesday, December 22, 2020 12:13 PM
To: Ben Vyverberg <BVyverberg@palatine.il.us>
Subject: Fw: Madcats

Hello again,

The owner, Betsey, of Vintage Violins in our building at 117 W Slade has written this because she is unable to attend the meeting this evening. I will also print it out but thought I would forward to you.

Thank you!
Brittany Mileski

From: JOHN WITTE <jwitte96@yahoo.com>
Sent: Tuesday, December 22, 2020 11:24 AM
To: Info thedanceloftil <info@thedanceloftil.com>
Subject: Re: Madcats

To whom it may concern,

I have genuine concerns regarding the information we received that the space in the building, which our business, Vintage Violins, is located in has plans to open a motorcycle themed bar. Further concerning is that said purposed business is rumored to have ties to the previous management/ownership of the now defunct Mac's on Slade.

While Mac's on Slade was in operation they used the back parking lot as an unauthorized beer garden and location for hosting bean bag tournaments which caused a disruption to my business. On two separate occasions the police were called regarding the cursing and abusive language used by patrons/staff, as well as the illegal drinking of alcohol in the back parking lot. The disregard for the other business in the building was blatantly obvious as the staff would immediately and unlawfully prop open the fire door to the hallway, and increase the volume of the music to almost deafening levels.

I teach children at my shop, and had a significant financial loss as parents were not comfortable with the environment. I have done everything in my power to rebuild my business in these trying times. The thought of being put through this again is disheartening.

Sincerely,
Betsey Varney
Vintage Violins

Attachment: Dance Loft - Madcats response (117 W. Slade Street - Special Use 3-month review of operations)

CaseReport Address Query

%117 w slade%

Occurred On: 9/1/2021 - 2/9/2022

Location Name	Location	Occurred On	Case Report # and Subject	Entered By
MACS ON SLADE	117 W SLADE ST	10/16/2021 11:44:00 PM	**PAP21-023823-001** Department Service/Activity Assist Ambulance	174 - CLUSTER, Alex
MACS ON SLADE	117 W SLADE ST	10/20/2021 8:45:00 PM	**PAP21-024241-001** Public Complaint Alarm (Fire)	210 - SUAREZ, Troy
MACS ON SLADE	117 W SLADE ST	10/31/2021 8:29:00 PM	**PAP21-025265-001** Department Service/Activity Assist Ambulance	210 - SUAREZ, Troy
MACS ON SLADE	117 W SLADE ST	11/5/2021 3:40:00 PM	**PAP21-025775-001** Public Complaint Alarm (Fire)	150 - VAN DER HOEK, Martin
	117 W SLADE ST	11/6/2021 10:09:00 AM	**PAP21-025830-001** Public Complaint Customer/Management Dispute	182 - WEIDMAN, Daniel
MACS ON SLADE	117 W Slade St	11/13/2021 10:00:00 PM	**PAP21-026689-001** Traffic Accident Traffic Accident No Injury	106 - RAGO, Steve
MADCATS	117 W SLADE ST	1/21/2022 10:05:24 PM	**PAP22-001986-001** Public Complaint Disturbance Non Specific	216 - AMUNDSEN, ZACHARY

Attachment: Madcats Police Calls for Service (117 W. Slade Street - Special Use 3-month review of

CaseReport Address Query

%117 w slade%

Occurred On: 1/21/2022 - 3/2/2022

Location Name	Location	Occurred On	Case Report # and Subject	Entered By
MADCATS	117 W SLADE ST	1/21/2022 10:05:24 PM	**PAP22-001986-001** Public Complaint Disturbance Non Specific	216 - AMUNDSEN, ZACHARY
	117 W SLADE ST	2/12/2022 7:05:00 PM	**PAP22-004083-001** Public Complaint Alarm (Fire)	150 - VAN DER HOEK, Martin
	117 W SLADE ST	2/12/2022 9:24:00 PM	**PAP22-004096-001** Public Complaint Alarm (Fire)	150 - VAN DER HOEK, Martin

Attachment: Madcats Police Calls for Service (117 W. Slade Street - Special Use 3-month review of

ORDINANCE NO. 015-21

AN ORDINANCE GRANTING A SPECIAL USE
117 W SLADE STREET

WHEREAS, pursuant to a petition and public hearing on December 22, 2020, of which public notice was given as required by law, the Zoning Board of Appeals of the Village of Palatine, in accordance with the Zoning Ordinance of the Village of Palatine, in such case made and provided, has held such public hearing and reported their findings relative to a request for a Special Uses to permit a restaurant/bar with Live Entertainment pursuant to Section 11.02 (d) (11) & (19) of the Palatine Zoning Ordinance, on the following legally described property:

> **Lot 3 in Block "K" in the Town of Palatine, according to the map of Joel Woods Subdivision of part of the Southeast 1/4 of Section 15, Township 42 North, Range 10, East of the Third Principal Meridian, in Cook County, Illinois, recorded December 7, 1855 in Book 96 of Maps, Page 28, in Cook County, Illinois.**
>
> **Commonly known as 117 W. Slade Street (02-15-429-003).**

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 that:

SECTION 1: Special Uses to permit a restaurant/bar with Live Entertainment pursuant to Section 11.02 (d) (11) & (19) of the Palatine Zoning Ordinance, is hereby granted, subject to the following condition(s):

1. **The Special Use shall substantially conform to the revised business operations plan submitted by the Petitioner on 01/26/21 and floor plan prepared by Warren Johnson Architects initially dated 10/20/20, last revised on 01/26/21, attached hereto except as such plans shall be revised to conform to Village Codes and Ordinances.**

Attachment: ORD Special Use 117 W. Slade Street - Madcats (117 W. Slade Street - Special Use 3-month review of operations)

2. The smoking plan shall utilize the designated outdoor area in the rear of the property and to the west of the building, in compliance with Code. Per the smoking management plan, the Petitioner shall install signage in the building directing patrons to the compliant smoking area and discouraging smoking anywhere else. MadCats' staff will inspect the smoking area no less than every 30 minutes to monitor for any disturbances or nuisances. Staff will also monitor the sidewalk on the north side of the building and area on the east side of the property for smoking compliance, in compliance with Code.

3. All employees shall enroll in and utilize the Downtown Employee parking program.

4. All doors to the Subject Property shall remain closed when the business is open to the Public, other than for when an employee or patron passes through the doorways.

5. The exit door on the west side of the building shall be equipped with an alarm that notifies MadCats' Staff of the opening of the door.

6. The common hallway shall be equipped and maintained with a security camera system in a manner acceptable to the Village Manager.

7. Any approval shall be subject to a three-month and nine-month review before the Village Council following their opening and ongoing operations. The Village Council reserves the right to impose any additional conditions on the Special Use without further public hearing at such time of the three-month and nine-month review. Nothing shall preclude the Village from any other enforcement and/or compliance actions afforded under the Code of Ordinances.

8. The auxiliary dining room shall only provide liquor service and/or allow liquor for customer dining. No private events shall involve liquor in the auxiliary dining room, until further review and approval of the Village Council and Palatine Liquor Commission. Said review shall not take place until authorized by the Village Manager. In no circumstances shall it be prior to the three-month review of operations.

Attachment: ORD Special Use 117 W. Slade Street - Madcats (117 W. Slade Street - Special Use 3-month review of operations)

9. A Staff review of the Live Entertainment component of this Special Use shall be conducted in conjunction with the three-month and nine-month review referenced in condition 7 to determine if additional noise control measures are necessary, at the discretion of the Village. The Village reserves the right to impose additional conditions to the Live Entertainment component of the Special Use.

SECTION 2: That a copy of the public notice is attached hereto and form a part of this ordinance.

SECTION 3: That this ordinance shall be in full force and effect from and after its passage and approval as provided by law.

PASSED: This 1 day of February, 2021

AYES: 5 NAYS: 0 ABSENT: 1 PASS: 0

APPROVED by me this 1 day of February, 2021

Mayor of the Village of Palatine

ATTESTED and FILED in the office of the Village Clerk this 1 day of February, 2021

Village Clerk

Attachment: ORD Special Use 117 W. Slade Street - Madcats (117 W. Slade Street - Special Use 3-month review of operations)

MadCats – Submitted to the Village on 01/26/21:

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Attachment: Madcats approved business plan (117 W. Slade Street - Special Use 3-month review of operations)

Attachment: Madcats approved business plan (117 W. Slade Street - Special Use 3-month review of operations)

Operating Plan

Locations & Facilities

Our targeted location is in the heart of downtown Palatine. We are not too far from the train station and a step or two away from other hot spots in the area. We also have a large number of condos and apartments in the neighborhood which has a high occupancy of our targeted demographic. The facility is cozy in size and has a fully equipped kitchen and bar, a good dining area, bar stools around the bar, a tucked away band stage, ample storage area and free parking.

Auxiliary dining room

The auxiliary dining room will be used for overflow restaurant capacity or for a quieter dining experience for patrons on some nights. At a future date, it will also be available for private events such as business meetings or birthday parties. Occasionally we may feature caricature artists or similar experiences in that space and it be used for fund raising events. This room will have a juke box and a TV which will also be able to stream a performance from the stage area. There will be no live performances planned in this room.

This room is not contiguous with the rest of the restaurant and therefore requires patrons to enter via the hallway from the front area of the restaurant or from the exterior door in the front of the building leading to the hallway. There will be an entrance to this room directly from the kitchen which will be used for service only.

When occupied, this room will have a dedicated server. It will also have a video surveillance camera streaming to a monitor installed in the bar area to ensure that staff and managers on duty can monitor this room.

Hallway

The hallway between the restaurant and the overflow dining room will be equipped with a video surveillance camera streaming to a monitor installed in the bar area to ensure that staff and managers on duty can monitor activities in the hallway. The camera system shall provide an unobstructed view of the entire hallway and will

store recordings of any motion for 30 days, which will be available if needed by law enforcement in compliance with applicable laws. In addition, the door to the front of the restaurant from the hallway, will have no less than 400 square inches of glass allowing visibility from the restaurant to the hallway. The auxiliary dining room already has a door with glass paneling with over 400 square inches of glass. The kitchen door will also have a glazing panel, approximately 100 sq inches, through which staff will be able to monitor activity in the hallway. Lastly, the exterior door on the west end of the building leading to the hallway will have a door open detection system that alerts staff in the bar area.

Smoking management plan

The building management has a designated smoking area outside the west exit door in the rear of the building. The area contains a metal table, chairs and a wooden enclave. The area worked well in the past and is isolated from neighboring properties by virtue of physical fence barriers. Signs will be posted inside the premises to inform patrons about the smoking area and to discourage smoking anywhere else with a reminder that village ordinances are strictly enforced with fines. Our staff will inspect the smoking area no less than every 30 minutes to monitor for any creation of nuisance or disturbance. Further, staff will also monitor the public sidewalk on the north side of the building and the alleyway on the eastside of the building, to ensure that no smoking is occurring.

Hours of Operations

Restaurant operations

We plan to operate 6 days a week, from 3 PM to midnight, Tuesday through Thursday, 3 PM through 1 AM on Fridays, 10 AM through 1 AM on Saturdays and 10AM through midnight on Sundays. Occasionally we will also operate on Mondays from 3 PM to midnight. In the future, we may extend our operations to lunch hours.

Live music

We plan to have live music 7 PM through 11:30 PM Tuesday through Thursday, 8 PM through midnight on Fridays & Saturdays and 5 PM – 11 PM on Sundays. We also

Attachment: Madcats approved business plan (117 W. Slade Street - Special Use 3-month review of operations)

plan to have lighter live music occasionally performed during day time hours on week ends for brunches or special events such as fund raisers or birthday parties.

Typically weekdays will feature lighter performances often by solo artists, while bands with more amplified sound will be featured on Friday, Saturday and Sundays.

At all times, live entertainment will be limited to volumes that will not prevent normal conversation in any neighboring tenant spaces. We will also work with our neighbors to measure ambient noise existing in their premises and determine acceptable levels of sound during operating hours on week days. We will also regularly monitor and regulate the sound pressure levels in the common areas.

Attachment: Madcats approved business plan (117 W. Slade Street - Special Use 3-month review of operations)

Consider an Ordinance Amending Section 18-62 of the Code of Ordinances to Add an All-Way Stop Intersection at East Helen Road and South Benton Street

BACKGROUND:
The Traffic Engineering Committee examined a safety concern raised by residents at the intersection of East Helen Road and South Benton Street. Recent development activity in the area has resulted in concerns being expressed by neighboring residents.

KEY ISSUES:

- Traffic counts were conducted and the intersection do not meet the warrants for traffic volume at this intersection.
- Several residents have contacted the Traffic Engineering Committee regarding concerns about traffic volume, school bus pickup and drop-off, and general traffic disregard for pedestrians.
- Residents have also expressed concerns about traffic with the construction of the Amazon facility and the current redevelopment of the Weber Stephens site.
- At the request of several residents, a survey was conducted to establish the neighborhood's want for an all way stop intersection at Helen Road and Benton Street.
- 100 homes were surveyed and 41 replies were received. Of the 41 responses, 31 are in favor of an all way stop at the intersection, 8 are not in favor and 2 have no preference.
- West Helen Road has two all-way stop intersections between Cedar Street and Plum Grove Road.

ALTERNATIVES:

1. Add an all-way stop intersection at East Helen Road and South Benton Street.
2. Refer back to Staff with comments.

RECOMMENDATION:
The Traffic Engineering Committee recommends action a the discretion of the Village Council as the traffic data does not warrant an all-way stop intersection as described in the Manual on Uniform Traffic Control Devices. As the neighborhood survey indicates a majority of the residents in the area are supportive of the proposed traffic control, it would be consistent with other neighborhood surveys to add the stop sign requested.

ACTION REQUIRED:
A motion to approve an ordinance amending Section 18-62(a) of the Code of Ordinances by adding an all-way stop intersection at East Helen Road and South Benton Street.

ATTACHMENTS:

- All Way Stop Ordinance
- Survey Response VOP_GISViewer

- Survey Response

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

Attachment: All Way Stop Ordinance (2022-17 : Add an All-Way Stop Intersection at Helen Road and Benton Street)

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE VILLAGE OF PALATINE'S TRAFFIC CODE SECTION 18-62(a)(2) OTHER STOP INTERSECTIONS AND SECTION 18-62(a)(1) ALL-WAY STOPS (EFFECTIVE ON MARCH 14, 2022)

Published in pamphlet form by authority of the Mayor and Council of the Village of Palatine on March 7, 2022

ORDINANCE NO._____

AN ORDINANCE AMENDING THE VILLAGE OF PALATINE'S TRAFFIC CODE SECTION 18-62(a)(2): OTHER STOP INTERSECTIONS AND SECTION 18-62(a)(1): ALL-WAY STOPS

WHEREAS, Section18-62(a)(2) of the Code of Ordinances authorizes OTHER STOP INTERSECTIONS, and Section 18-62(a)(1) authorizes ALL-WAY STOPS, a complete listing of which shall be maintained at all times by the Village Clerk and by the Police Department.

NOW, THEREFORE BE IT ORDAINED by the Mayor and Council of the Village of Palatine, Cook County, Illinois:

SECTION 1: That the following be REMOVED from Section 18-62(a)(2) OTHER STOP INTERSECTIONS:

"39. Benton Street to stop for Helen Road."

SECTION 2: That the following be ADDED to Section 18-62(a)(1) ALL-WAY STOPS, which shall read as follows and indicated in the attached Exhibit A:
"Intersection of Helen Road and Benton Street."

SECTION 3: That the Public Works Department is hereby directed to erect and/or remove the appropriate signage.

SECTION 4: That all ordinances in conflict with this ordinance are hereby repealed.

SECTION 5: This ordinance shall be in full force and in effect seven (7) days after its 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

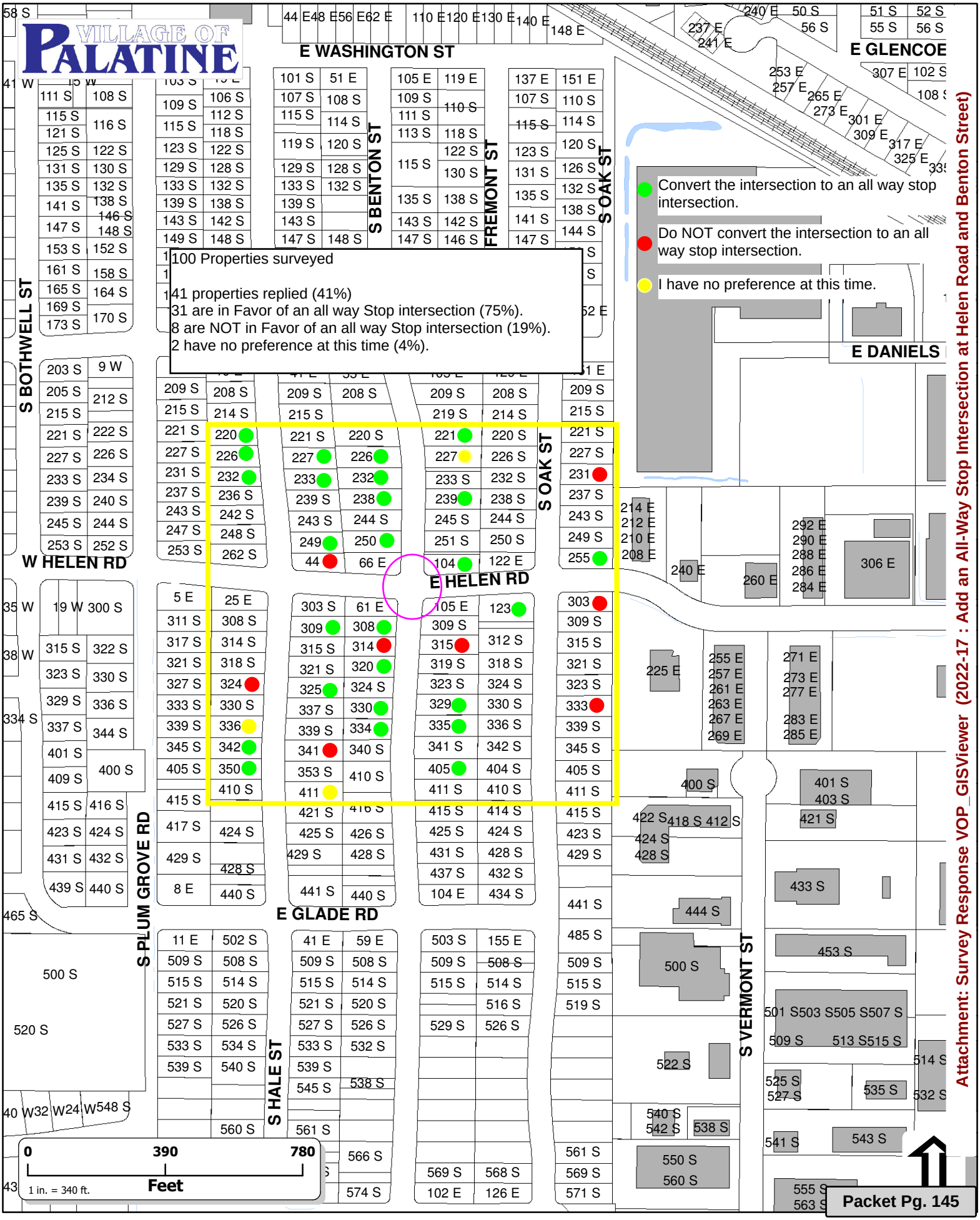
ATTESTED and FILED in the Office of the Village Clerk

this _____ day of _____, 2022

_____
Village Clerk

Attachment: All Way Stop Ordinance (2022-17 : Add an All-Way Stop Intersection at Helen Road and Benton Street)

Village of Palatine GIS Viewer

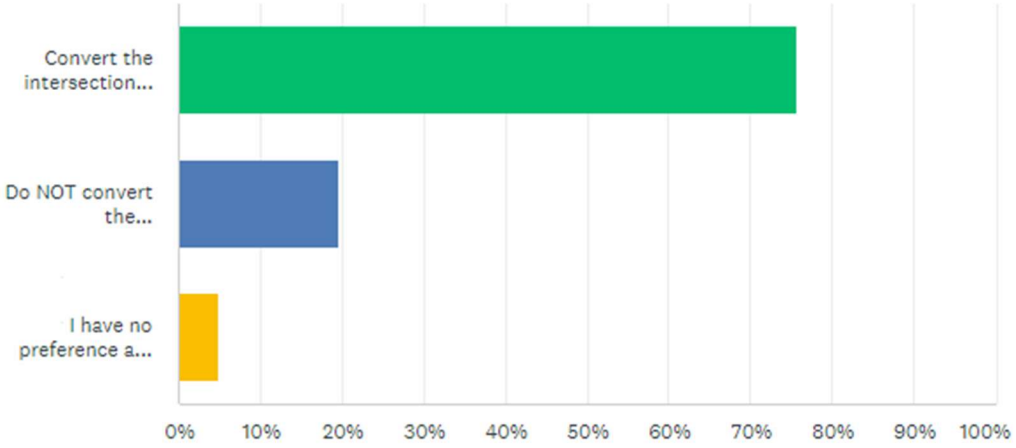


Attachment: Survey Response VOP_GISViewer (2022-17 : Add an All-Way Stop Intersection at Helen Road and Benton Street)

Q4

For the intersection of East Helen Road and South Benton Street, I would prefer that the Village (only one can be selected):

Answered: 41 Skipped: 0



ANSWER CHOICES	RESPONSES	
Convert the intersection to an all way stop intersection.	75.61%	31
Do NOT convert the intersection to an all way stop intersection.	19.51%	8
I have no preference at this time.	4.88%	2
TOTAL		41

Attachment: Survey Response (2022-17 : Add an All-Way Stop Intersection at Helen Road and Benton Street)

Consider an Ordinance Amending Section 18-66 of the Code of Ordinances to Remove the No Right Turn on Red Prohibition for Northbound Brockway Street at Palatine Road

BACKGROUND:
At the February 2022 Traffic Engineering Committee meeting, the group examined a request on northbound Brockway Street at Palatine Road. With the recent demolition of 101 West Palatine Road (former Kramer Photography building), the Committee reviewed the prohibition of right turns on red for northbound traffic on Brockway Street to eastbound Palatine Road. Demolition of the building has improved the sight distance for this movement.

KEY ISSUES:

- The restriction to address the line of sight issue has been eliminated with the demolition of the building.
- Any proposed future building would be required to address any line of sight issues that may arise from the building proposal and can be reviewed as part of that application.

ALTERNATIVES:

1. Remove the prohibition of right turns on red for northbound Brockway Street for eastbound Palatine Road.
2. Refer back to Staff with comments.

RECOMMENDATION:
The Traffic Engineering Committee recommends the removal of the prohibition of right turns on red for northbound Brockway Street for eastbound Palatine Road.

ACTION REQUIRED:
A motion to approve an ordinance amending Section 18-66 of the Code of Ordinances to remove the prohibition of right turns on red for northbound traffic on Brockway Street to eastbound Palatine Road.

ATTACHMENTS:

- Ordinance-Removal of No Right on Red on Brockway at Palatine
- No Right on Red on Brockway at Palatine Ordinance Map

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

Attachment: Ordinance-Removal of No Right on Red on Brockway at Palatine (2022-18 : Removal of No Right Turns at Brockway Street and

ORDINANCE NO. _____

AN ORDINANCE AMMENDING THE VILLAGE OF PALATINE'S TRAFFIC CODE SECTION 18-66: ILLEGAL TURNS REMOVAL OF THE PROHIBITION OF RIGHT TURNS ON RED FOR NORTHBOUND BROCKWAY STREET AT PALATINE ROAD (EFFECTIVE MARCH 14, 2022)

Published in pamphlet form by authority of the Mayor and Council of the Village of Palatine on March 7, 2022

ORDINANCE NO._____

AN ORDINANCE AMENDING THE VILLAGE OF PALATINE'S TRAFFIC CODE SECTION 18-66: ILLEGAL TURNS REMOVAL OF THE PROHIBITION OF RIGHT TURNS ON RED FOR NORTHBOUND BROCKWAY STREET AT PALATINE ROAD

WHEREAS, SECTION 18-66 of the Code of Ordinances provides for the designation of areas where certain turns are prohibited, a complete listing of which shall be maintained at all times by the Village Clerk and by the Police Department;

NOW, THEREFORE BE IT ORDAINED by the Mayor and Council of the Village of Palatine, Cook County, Illinois:

SECTION 1: That the following be REMOVED from Section 18-66 ILLEGAL TURNS:

NO RIGHT TURNS

"1. Brockway Street (NB): onto Palatine Road"

SECTION 2: That the Public Works Department is hereby directed to remove the appropriate signage.

SECTION 3: That all ordinances in conflict with this ordinance are hereby repealed.

SECTION 4: This ordinance shall be in full force and effect seven (7) days after its 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: Ordinance-Removal of No Right on Red on Brockway at Palatine (2022-18 : Removal of No Right Turns at Brockway Street and

Village of Palatine GIS Viewer

Attachment: No Right on Red on Brockway at Palatine Ordinance Map (2022-18 : Removal of No Right Turns at Brockway Street and Palatine

Consider a Motion Authorizing the Village Manager to Purchase a Replacement Log Loader Truck

BACKGROUND:
As part of the Capital Equipment Replacement Budget for 2022, the Village Council has appropriated $207,030 in funds for the replacement of a 2002 GMC log loader truck (T-423). This vehicle is recommended for replacement after an inspection, evaluation, and life cycle cost analysis.

The current log loader was originally purchased as a used unit, and is a front-line truck used for tree removals, brush collection, and storm cleanup. The current log loader truck will be sold at auction.

A log loader truck is a flat-bed truck with stake sides or a dump body that includes a boom grapple mounted behind the cab or at the rear of the bed. The grappling bucket is able to pick up logs, wood chips, stump grinding materials, dirt, trash, and other loose materials. It is typically used for tree removal, brush cleanup, assists in creek cleaning activities, and is a valuable tool used for emergency cleanup in wind storms

KEY ISSUES:

- Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.
- Currently, there is an active State bid for the International truck, but Staff is recommending Freightliner. The advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours over the course of a year in transportation when a repair needs to be performed at a dealer. Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12” in overall frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as brush collection. Finally, the Freightliner has an aluminum cab versus a steel cab on the International. This will help reduce corrosion and rust-through on components such as the floor boards and doors.
- Staff reached out to Rush Truck Center and Northwest Trucks to obtain pricing on the chassis for the log loader. Northwest Trucks related that due to the supply chain issues affecting the industry, the factory is using an allocation system allowing each dealer to only be able to order a predetermined amount of truck chassis this year and next. Northwest Trucks submitted the lowest pricing at $95,850.
- The truck chassis is only the first part of the purchase. The outfitting for the log loader bed is a specialized field with only a few vendors to build them. Because of supply chain issues affecting the industry, Staff was told that if the Village was to order a new loader boom and truck bed, the components would not arrive until 2023.
- Runnion Equipment, a local outfitter of log trucks in Hodgkins, Illinois, stated they

have an in stock unit that they could install on our supplied chassis. Runnion has built log trucks for many municipalities, including Des Plaines and Lake Forest. Staff visited Lake Forest and operated their log truck and was impressed with its capabilities. This truck request would be similar to the Lake Forest truck.

- Runnion does not have a joint-purchase contract and there is no comparable truck builder in the Chicagoland area for comparison. In addition, Runnion has an in-stock unit that will decrease the lead-time by almost one year. Runnion submitted outfitting pricing of $121,139.
- For the chassis price, International is $97,783 and Freightliner is $95,850. Outfitting would cost $121,139. The best value for a truck is a Freightliner 108SD from Northwest Trucks and outfitting by Runnion for a total cost of $216,989.
- There is a $1,933 savings from the Northwest Truck chassis proposal versus the International HV507 contract pricing. Freightliner does not have a current joint-purchase contract, but it would be in the best interest of the Village to waive formal bid requirements and accept the proposal from Northwest Trucks.

ALTERNATIVES:

1. Waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD chassis log loader truck from Northwest Trucks and outfitting for the truck from Monroe Truck.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner 108SD chassis log loader truck from Northwest Trucks in the amount of $95,850 and outfitting from Runnion Equipment in the amount of $121,139, for a total cost not to exceed $216,989.

BUDGET IMPACT:
Funds in the amount of $207,000 have been appropriated in the Capital Equipment Replacement Budget for these purchases. With the total proposed cost of $216,989, there is a shortfall of $9,959. Staff will defer other less critical capital purchases this year to offset budget shortages on this and other truck purchases. Specifically, the replacement of the 2001 Godwin 6 inch trash pump ($59,740) will not proceed unless other savings from other purchases are realized.

ACTION REQUIRED:
Motion to waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD chassis log loader truck from Northwest Trucks, Incorporated in the amount of $95,850 and outfitting from Runnion Equipment in the amount of $121,139, for a total cost not to exceed $216,989.

ATTACHMENTS:

- Log Loader Purchase Memorandum
- Capital Budget Page

- Northwest Trucks Chassis Proposal
- International Chassis Proposal - State Contract
- Runnion Log Loader Outfitting Quote

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

VILLAGE OF PALATINE

Department of Public Works
148 West Illinois Avenue
Palatine, IL 60067
847-705-5200

MEMORANDUM

To: Matt Barry, Director of Public Works

From: Matt Dusckett, Superintendent of Support Services

Date: February 28, 2022

Subject: Replacement of Public Works Heavy-Duty Log Loader Truck

---

Issue: As part of the Capital Equipment Replacement Budget for CY 2022, the Village Council has appropriated $207,030 in funds for the replacement of a 2002 GMC log loader truck (T-423). This vehicle is recommended for replacement after an inspection, evaluation and life cycle cost analysis.

The current log loader was originally purchased as a used unit, and is a front-line truck used for tree removals, brush collection, and storm cleanup. The current log loader truck will be sold at auction.

A log loader truck is essentially a flat-bed truck with stake sides or a dump body that includes a boom grapple mounted behind the cab or at the rear of the bed. The grappling bucket is able to pick up logs, wood chips, stump grinding materials, dirt, trash, and other loose materials. It is typically used for tree removal, brush cleanup, assists in creek cleaning activities, and is a valuable tool used for emergency clean up in wind storms (see pictures below).

Analysis: Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.

Currently, there is an active State bid for the International truck once again, but Staff is recommending Freightliner for the following reasons:

- The advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours in transportation over the course of the vehicle's lifetime when a repair needs to be performed at a dealer.

- Also, the freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12" in overall frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as snowplowing.

- Finally, the Freightliner has an aluminum cab versus a steel cab on the International. This will help reduce corrosion and rust-through on components such as the floor boards and doors.

Staff reached out to Rush Truck Center and Northwest Trucks to obtain pricing on the chassis for the log loader. Northwest Trucks related that due to the supply chain issues affecting the industry, the factory is using an allocation system allowing each dealer to only be able to order a predetermined amount of truck chassis this year and next.

I have detailed the purchase costs of each truck in the chart below:

Attachment: Log Loader Purchase Memorandum (Purchase a Log Loader Truck)

Chassis Make	Model	Log Loader Chassis Price	Log Loader Outfitting	Total Purchase
International - State Bid	HV507	$97,783	$121,139	$218,922
Freightliner – Local Dealer	108SD	$95,850	$121,139	**$216,989**

The chart shows the pricing for the chassis is less from Freightliner. Freightliner has no current joint-purchase contracts. Therefore Staff recommends it would be in the best interest of the Village to waive formal bid requirements and accept the proposal from Northwest Trucks of Palatine for the truck chassis.

The truck chassis is only the first part of the purchase. The outfitting for the log loader bed is a specialized field with only a few vendors to build them. Because of supply chain issues affecting the industry, Staff was told that if the Village was to order a new loader boom and truck bed, the components would not arrive until 2023.

Runnion Equipment, a local outfitter of log trucks in Hodgkins, Illinois, stated they have an in stock unit that they could install on our supplied chassis. Runnion has built log trucks for many municipalities, including Des Plaines and Lake Forest. Staff visited Lake Forest and was able to view and operate their log truck, and was impressed with its capabilities. This truck request would be similar to the Lake Forest truck.

Runnion Equipment does not have a joint-purchase contract and there is no comparable truck builder in the Chicagoland area for comparison. In addition, Runnion has an in stock unit that will decrease the lead-time by almost one year. Therefore, Staff recommends it would be in the best interest of the Village to waive formal bid requirements and accept the proposal from Runnion Equipment of Hodgkins, Illinois for the outfitting.

Recommendation: Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and approve the purchase of one (1) new model Freightliner 108SD chassis from Northwest Trucks Inc., 2120 Rand Rd., Palatine, IL 60074 at a cost of $95,850.

Additionally, Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and accept the log loader outfitting proposal from Runnion Equipment, 6201 East Ave., Hodgkins, IL 60525 at a cost of $121,139.

Total cost of this purchase is $216,989. Budgeted funds are $207,030 leaving a shortage of $9,959.
Staff will consider deferment of other less critical capital purchases this year to offset budget shortages on this and other truck purchases.

Attachments:
2022 Capital Budget Project VE 0003
Chassis Quote From: Northwest Trucks – (Freightliner / Local Quote)
Chassis Quote From: Rush Truck Center – (International / Illinois State Contract) For Comparative Purposes
Log Loader Outfitting Quote From Runnion Equipment

Capital Investment Plan

2022 *thru* 2026

Village of Palatine, IL

Project # VE 0003
Project Name Public Works Vehicle Replacements

Account # 401-52-75-6070 625

Department 52-Public Works
Contact Matt Dusckett
Type Equipment
Useful Life 10 years
Category Vehicles & Equipment

Description

CY 2022 Replacements
$ 207,030 - T423 2002 GMC Log Loader Truck (215,700 miles eqv) Replace with the same)
182,475 - T380 2011 Tandem-Axle Dump (201,690 miles eqv) (Replace with the same)
169,950 - T373 2009 5 Ton Dump (78,078 miles eqv) (Replace with the same)
95,275 - T374 2009 1 Ton Dump (64,634 miles) (Replace with the same)
33,005 - T364 2008 Ford E250 W/Shelving (36,658 miles) (Replace with the same)

Justification

This program provides the planned replacement of necessary Public Works vehicles in order to prevent obsolescence, maintain the functionality of the Department, and enhance operational efficiency.

Prior	Expenditures	2022	2023	2024	2025	2026	Total
564,290	Equipment	687,735	781,275	864,290	890,500	498,580	3,722,380
Total	**Total**	**687,735**	**781,275**	**864,290**	**890,500**	**498,580**	**3,722,380**

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
564,290	Capital Equipment - 401	687,735	781,275	864,290	890,500	498,580	3,722,380
Total	**Total**	**687,735**	**781,275**	**864,290**	**890,500**	**498,580**	**3,722,380**

Attachment: Capital Budget Page (Purchase a Log Loader Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

S P E C I F I C A T I O N P R O P O S A L

	Description	Weight Front	Weight Rear
Price Level			
	SD PRL-26D (EFF:7/26/21)		
Data Version			
	SPECPRO21 DATA RELEASE VER 036		
Interior Convenience/Driver Retention Package			
	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION		
Vehicle Configuration			
	108SD CONVENTIONAL CHASSIS	6,829	3,748
	2023 MODEL YEAR SPECIFIED		
	SET BACK AXLE - TRUCK		
	STRAIGHT TRUCK PROVISION		
	LH PRIMARY STEERING LOCATION		
General Service			
	TRUCK CONFIGURATION		
	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
	UTILITY/REPAIR/MAINTENANCE SERVICE		
	GOVERNMENT BUSINESS SEGMENT		
	DIRT/SAND/ROCK COMMODITY		
	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
	MAXIMUM 8% EXPECTED GRADE		
	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
	FREIGHTLINER SD VOCATIONAL WARRANTY		
	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		

Prepared for:
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PALATINE VILLAGE OF
200 E WOOD ST

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2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52000.0 lbs		
Truck Service			
	FLATBED/PLATFORM BODY WITH LIFT/PULL DEVICE/CRANE		
	RUNNION EQUIPMENT COMPANY		
Engine			
	CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM		
Electronic Parameters			
	64 MPH ROAD SPEED LIMIT		
	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
	15 MINUTE IDLE SHUTDOWN - TIMER RESET WITH CLUTCH AND SERVICE BRAKE		
	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
	PTO RPM WITH CRUISE SET SWITCH - 1000 RPM		
	PTO RPM WITH CRUISE RESUME SWITCH - 1000 RPM		
	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
	PTO GOVERNOR RAMP RATE - 300 RPM PER SECOND		
	PTO MINIMUM RPM - 700		
	REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
	NO PTO 1 CONTROLS		
	NO PTO 2 CONTROLS		
	NO PTO 3 CONTROLS		
	NO ENGINE MOUNT PTO CONTROLS		
Engine Equipment			
	2010 EPA/CARB/GHG21 CONFIGURATION		
	NO 2008 CARB EMISSION CERTIFICATION		
	STANDARD OIL PAN		
	ENGINE MOUNTED OIL CHECK AND FILL		
	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

Description	Weight Front	Weight Rear
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES		
BATTERY BOX FRAME MOUNTED		
STANDARD BATTERY JUMPERS		
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE		
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
STANDARD EXHAUST SYSTEM LENGTH		
RH STANDARD HORIZONTAL TAILPIPE		
6 GALLON DIESEL EXHAUST FLUID TANK	-35	-10
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
AIR POWERED ON/OFF ENGINE FAN CLUTCH		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1115 SQUARE INCH ALUMINUM RADIATOR		
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
	RADIATOR DRAIN VALVE		
	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
	ELECTRIC GRID AIR INTAKE WARMER		
	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45	
Transmission			
	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION		
Transmission Equipment			
	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
	NO REAR PTO TRANSMISSION RANGE		

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME		
	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
	ELECTRONIC CONTROL T-HANDLE SHIFT LEVER, DASH MOUNTED		
	TRANSMISSION PROGNOSTICS - ENABLED 2013		
	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
	TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP		
	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
	NON-ASBESTOS FRONT BRAKE LINING		
	CONMET CAST IRON FRONT BRAKE DRUMS		
	FRONT BRAKE DUST SHIELDS	5	
	FRONT OIL SEALS		
	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
	STANDARD SPINDLE NUTS FOR ALL AXLES		
	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
	STANDARD KING PIN BUSHINGS		
	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130	
	POWER STEERING PUMP		
	4 QUART POWER STEERING RESERVOIR		
	OIL/AIR POWER STEERING COOLER		
	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE		

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
Front Suspension			
	20,000# TAPERLEAF FRONT SUSPENSION	200	
	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
	NO FRONT SUSPENSION OPTIONS		
	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
	MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE		2,500
	6.14 REAR AXLE RATIO		
	IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING		40
	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	60	60
	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
	DRIVER CONTROLLED TRACTION DIFFERENTIAL - FORWARD TANDEM/TRIDEM REAR AXLE		10
	(1) INTERAXLE LOCK VALVE AND (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR VALVE		
	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF		
	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
	NON-ASBESTOS REAR BRAKE LINING		
	STANDARD BRAKE CHAMBER LOCATION		
	CONMET CAST IRON REAR BRAKE DRUMS		20
	REAR BRAKE DUST SHIELDS		10
	REAR OIL SEALS		
	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS		20
	HALDEX AUTOMATIC REAR SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS		
	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
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NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
	HENDRICKSON HAULMAAX @40,000# REAR SUSPENSION		840
	HENDRICKSON HAULMAAX/ULTIMAAX - 10.50" RIDE HEIGHT		
	54 INCH AXLE SPACING		
	HENDRICKSON HN, HAULMAAX AND ULTIMAAX SERIES STEEL BEAMS WITH BAR PIN		
	FORE/AFT AND TRANSVERSE CONTROL RODS		
Brake System			
	WABCO 4S/4M ABS		
	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
	FIBER BRAID PARKING BRAKE HOSE		
	STANDARD BRAKE SYSTEM VALVES		
	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
	STD U.S. FRONT BRAKE VALVE		
	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
	BW AD-9SI BRAKE LINE AIR DRYER WITH HEATER		
	AIR DRYER MOUNTED INBOARD ON LH RAIL		
	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION		
	CLEAR FRAME RAILS FROM TRANSMISSION PTO OPENING TO 36 INCHES BACK OF CAB OUTBOARD/INSIDE/BELOW BOTH RAILS		
	BW DV-2 AUTO DRAIN VALVE WITH HEATER - WET TANK		
Trailer Connections			
	UPGRADED CHASSIS MULTIPLEXING UNIT		
Wheelbase & Frame			
	6625MM (261 INCH) WHEELBASE		
	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	750	170
	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	270	450
	TEM TO EVALUATE AND INSTALL FRAME RAIL REINFORCEMENT AS NEEDED FOR FRONT FRAME MOUNTED EQUIPMENT		
	2800MM (110 INCH) REAR FRAME OVERHANG		
	FRAME OVERHANG RANGE: 101 INCH TO 110 INCH	-100	430

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 195.28 in		
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 192.28 in		
	CALC'D FRAME LENGTH - OVERALL : 410.4 in		
	CALCULATED FRAME SPACE LH SIDE : 112.23 in		
	CALCULATED FRAME SPACE RH SIDE : 105.88 in		
	SQUARE END OF FRAME		
	FRONT CLOSING CROSSMEMBER		
	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	STANDARD REARMOST CROSSMEMBER		
	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
	14 INCH PAINTED STEEL BUMPER		
	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
	PDI INSTALLED BLACK POLY HALF FENDERS WITH GALVANIZED FRONT TUBE MOUNTING BRACKETS		
Fuel Tanks			
	70 GALLON/264 LITER ALUMINUM FUEL TANK - LH	5	
	25 INCH DIAMETER FUEL TANK(S)		
	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	FUEL TANK(S) FORWARD		
	PLAIN STEP FINISH		
	FUEL TANK CAP(S)		
	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5	
	EQUIFLO INBOARD FUEL SYSTEM		
	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			

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	Description	Weight Front	Weight Rear
	CONTINENTAL HAU 3 WT 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
	CONTINENTAL HDR2+ 11R22.5 14 PLY RADIAL REAR TIRES		184
Hubs			
	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
	ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS	66	
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104
	FRONT WHEEL MOUNTING NUTS		
	REAR WHEEL MOUNTING NUTS		
	NO PUSHER/TAG WHEEL MOUNTING NUTS		
Cab Exterior			
	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
	AIR CAB MOUNTING		
	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
	FRONT FENDERS SET-BACK AXLE		
	LH AND RH GRAB HANDLES		
	STATIONARY BLACK GRILLE		
	BLACK HOOD MOUNTED AIR INTAKE GRILLE		
	FIBERGLASS HOOD		
	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK		
	SINGLE ELECTRIC HORN		
	SINGLE HORN SHIELD		
	REAR LICENSE PLATE MOUNT END OF FRAME		
	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
	LED AERODYNAMIC MARKER LIGHTS		
	HEADLIGHTS ON WITH WIPERS, WITH LOW BEAM DAYTIME RUNNING LIGHTS		
	INTEGRAL STOP/TAIL/BACKUP LIGHTS WITH 7 EXTRA FEET OF WIRE MOUNTED AT END OF FRAME		
	STANDARD FRONT TURN SIGNAL LAMPS		

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	Description	Weight Front	Weight Rear
	DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS		
	DOOR MOUNTED MIRRORS		
	102 INCH EQUIPMENT WIDTH		
	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS M0UNTED UNDER PRIMARY MIRRORS		
	RH AND LH 8 INCH STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS	8	
	STANDARD SIDE/REAR REFLECTORS		
	NO REAR WINDOW		
	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
	MANUAL DOOR WINDOW REGULATORS		
	LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	
	1-PIECE SOLAR GREEN GLASS WINDSHELD		
	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR		
Cab Interior			
	OPAL GRAY VINYL INTERIOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	BLACK MATS WITH SINGLE INSULATION		
	NO DASH MOUNTED ASH TRAYS AND LIGHTER		
	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
	IN DASH STORAGE BIN		
	(2) CUP HOLDERS LH AND RH DASH		
	GRAY/CHARCOAL FLAT DASH		
	SMART SWITCH EXPANSION MODULE		
	HEATER, DEFROSTER AND AIR CONDITIONER		
	STANDARD HVAC DUCTING		
	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
	STANDARD HEATER PLUMBING		

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PALATINE, IL 60074
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	Description	Weight Front	Weight Rear
	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
	BINARY CONTROL, R-134A		
	STANDARD INSULATION		
	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
	KEY QUANTITY OF 2		
	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
	(1) 12 VOLT POWER SUPPLY IN DASH		
	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WTIH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
	VINYL WITH VINYL INSERT DRIVER SEAT		
	VINYL WITH VINYL INSERT PASSENGER SEAT		
	HIGH VISIBILITY ORANGE SEAT BELTS		
	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
	NO TEM INTFC, SW PKG, MUX, LWR DASH		
	WOODGRAIN DRIVER INSTRUMENT PANEL		
	WOODGRAIN CENTER INSTRUMENT PANEL		
	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
	BLACK GAUGE BEZELS		
	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		

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Description	Weight Front	Weight Rear
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
MANUAL REMOTE ENGINE STOP/START WITH PTO RE-ENGAGE		
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
2 INCH ELECTRIC FUEL GAUGE		
ENGINE REMOTE INTERFACE NOT CONFIGURED		
ENGINE REMOTE INTERFACE CONNECTOR AT END OF FRAME		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP - PARK BRAKE AND NEUTRAL INTERLOCK	10	
ELECTRIC ENGINE OIL PRESSURE GAUGE		
OVERHEAD INSTRUMENT PANEL		
AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10	
DASH MOUNTED RADIO		
(2) RADIO SPEAKERS IN CAB		
AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
POWER AND GROUND WIRING PROVISION OVERHEAD		
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		

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	Description	Weight Front	Weight Rear
	STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS		
	ELECTRONIC 3000 RPM TACHOMETER		
	IGNITION SWITCH CONTROLLED ENGINE STOP		
	NO HARDWIRE SWITCH #1		
	NO HARDWIRE SWITCH #2		
	NO HARDWIRE SWITCH #3		
	NO HARDWIRE SWITCH #4		
	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET		
	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
Design			
	PAINT: ONE SOLID COLOR		
Color			
	CAB COLOR A: L5994EY HARVESTER RED ELITE EY		
	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	STANDARD BLACK BUMPER PAINT		
	STANDARD E COAT/UNDERCOATING		
Certification / Compliance			
	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
Secondary Factory Options			
	CORPORATE PDI CENTER IN-SERVICE AND OPTION INSTALLATION/MODIFICATION		

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Description	Weight Front	Weight Rear	

Raw Performance Data

CALCULATED EFFECTIVE BACK OF CAB TO
REAR SUSPENSION C/L (CA) : 192.28 in

T O T A L V E H I C L E S U M M A R Y

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	8523 lbs	8576 lbs	17099 lbs
Total Weight+	8523 lbs	8576 lbs	17099 lbs

Extended Warranty

TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING
COVERAGE $550 CAP FEX APPLIES

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

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Q U O T A T I O N

108SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK

CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM

ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE

HENDRICKSON HAULMAAX @40,000# REAR SUSPENSION

DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE

20,000# TAPERLEAF FRONT SUSPENSION

108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

6625MM (261 INCH) WHEELBASE

7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI

2800MM (110 INCH) REAR FRAME OVERHANG

1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT

TEM TO EVALUATE AND INSTALL FRAME RAIL REINFORCEMENT AS NEEDED FOR FRONT FRAME MOUNTED EQUIPMENT

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	95,650	$	95,650
EXTENDED WARRANTY		$	200	$	200
DEALER INSTALLED OPTIONS		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***95,850***	**$**	***95,850***
TAXES AND FEES					
TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
TRADE-IN					
TRADE-IN ALLOWANCE		$	(0)	$	(0)
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**95,850**	**$**	**95,850**

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

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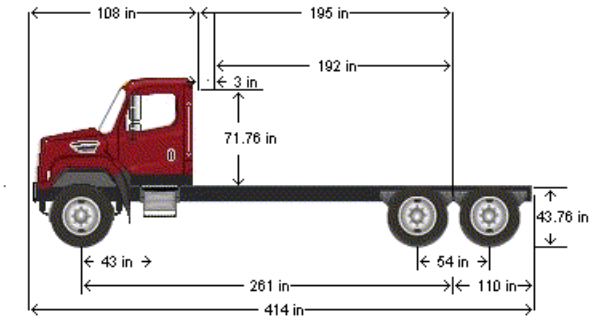
D I M E N S I O N S



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Wheelbase (545) ..... 6625MM (261 INCH) WHEELBASE
Rear Frame Overhang (552) ..... 2800MM (110 INCH) REAR FRAME OVERHANG
Fifth Wheel (578) ..... NO FIFTH WHEEL
- Mounting Location (577) ..... NO FIFTH WHEEL LOCATION
- Maximum Forward Position (in) 0
- Maximum Rearward Position (in) 0
- Amount of Slide Travel (in) 0
- Slide Increment (in) 0
- Desired Slide Position (in) 0.0

Cab Size (829) ..... 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682) ..... NO SLEEPER BOX/SLEEPERCAB
Exhaust System (016) ..... RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

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Dimensions	Inches
Bumper to Back of Cab (BBC)	108.3
Bumper to Centerline of Front Axle (BA)	42.7
Front Axle to Back of Cab (AC)	65.6
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	195.3
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	192.3
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	305.5
Cab Height (CH)	71.8
Wheelbase (WB)	260.8
Frame Overhang (OH)	110.2
Overall Frame Length	410.4
Overall Length (OAL)	413.8
Rear Axle Spacing	54.0
Unladen Frame Height at Centerline of Rear Axle	43.8

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Attachment: Northwest Trucks Chassis Proposal (Purchase a Log Loader Truck)

INTERNATIONAL®

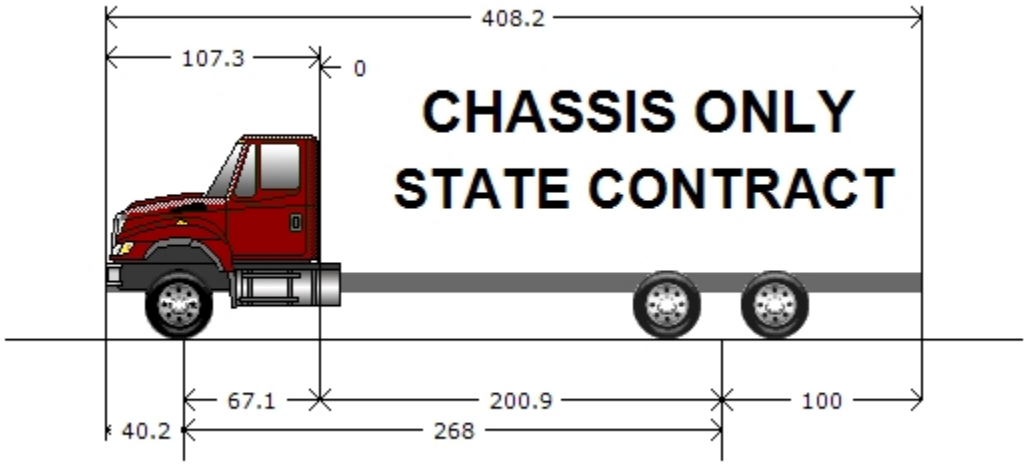
February 11, 2022

6 X 4 Log Loader Chassis (For Comparison Only)

Prepared For:
VILLAGE OF PALATINE
JIM KEATS
148 W Illinois Ave.
Palatine, IL 60067-6816
(847)202 - 6986
Reference ID: STATE CONTRACT

Presented By:
RUSH TRK CTR OF N IL
David R Mueller
4655 S CENTRAL AVE.
CHICAGO IL 606381547
708-295-5800

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2024 HV607 SBA (HV607)

AXLE CONFIG:	6X4
MISSION:	Requested GVWR: 66000. Calc. GVWR: 66000. Calc. GCWR: 80000
DIMENSION:	Wheelbase: 268.00, CA: 200.90, Axle to Frame: 100.00
ENGINE, DIESEL:	{Cummins L9 370} EPA 2021, 370HP @ 2100 RPM, 1250 lb-ft Torque @ 1200 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor RT-46-164P} Single Reduction, Standard Width, 46,000-lb Capacity, with Lube Oil Pump, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 6.14
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(8) 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, TANDEM:	{Hendrickson HMX EX 460} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
PAINT:	Cab schematic 100WL Location 1: 2303, Red (Std) Chassis schematic N/A

Attachment: International Chassis Proposal - State Contract (Purchase a Log Loader Truck)

Description

Base Chassis, Model HV607 SBA with 268.00 Wheelbase, 200.90 CA, and 100.00 Axle to Frame.

AXLE CONFIGURATION {Navistar} 6x4

FRAME RAILS Heat Treated Alloy Steel (125,000 PSI Yield); 11.25" x 4.00" x 0.500" (285.75mm x 101.6mm x 12.7mm); 480.8" (12212mm) Maximum OAL

BUMPER, FRONT Swept Back, Steel, Heavy Duty

FRAME, SPECIAL EFFECTS Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline

WHEELBASE RANGE 264" (670cm) Through and Including 311" (790cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank

AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System

AIR DRYER {Bendix AD-IP} with Heater

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

SLACK ADJUSTERS, FRONT {Haldex} Automatic

SLACK ADJUSTERS, REAR {Haldex} Automatic

AIR COMPRESSOR {Cummins} 18.7 CFM

AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

DUST SHIELDS, FRONT BRAKE for Air Cam Brakes

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail

BRAKES, FRONT {Bendix Spicer ES-165-6X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 6", 23,000-lb Capacity

BRAKES, REAR {Bendix Spicer ES-165-7X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

PARK BRAKE CHAMBERS,ADDITIONAL (2) Spring Brake Type

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black

STEERING GEAR (2) {Sheppard M100/M80} Dual Power

DRIVELINE SYSTEM {Dana Spicer} SPL170 Main Driveline with SPL170 Interaxle Shaft, for 6x4

AFTERTREATMENT COVER Steel, Black

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

TAIL PIPE (1) Turnback Type

EXHAUST HEIGHT 10'

Attachment: International Chassis Proposal - State Contract (Purchase a Log Loader Truck)

Description

MUFFLER/TAIL PIPE GUARD (1) Aluminum

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount

BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

ANTENNA for Increased Roof Clearance Applications

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input

HORN, ELECTRIC Disc Style

JUMP START STUD Remote Mounted

SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

STARTING MOTOR {Delco Remy 39MT} 12 Volt, Gear Reduced, with Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

SWITCH, AUXILIARY Switch 40 amp Circuit for Customer Use; Includes Wiring Connection at Power Distribution Center (PDC) and Control in Cab

BATTERY BOX Steel, with Aluminum Cover, 14" Wide, 2-3 Battery Capacity, Mounted Left Side Under Cab

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

HEADLIGHTS Halogen

FENDER EXTENSIONS Rubber

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

GRILLE Stationary, Chrome

FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government Silver Package

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

ENGINE, DIESEL {Cummins L9 370} EPA 2021, 370HP @ 2100 RPM, 1250 lb-ft Torque @ 1200 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)

Attachment: International Chassis Proposal - State Contract (Purchase a Log Loader Truck)

Description

FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler

AIR CLEANER Single Element

EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2022

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines

CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty

TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

TRANSMISSION DIPSTICK Relocated to Right Side of Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming

PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission

AXLE, REAR, TANDEM {Meritor RT-46-164P} Single Reduction, Standard Width, 46,000-lb Capacity, with Lube Oil Pump, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 6.14

SUSPENSION, REAR, TANDEM {Hendrickson HMX EX 460} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings

SHOCK ABSORBERS, REAR (4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam

TRANSVERSE TORQUE RODS {Hendrickson} TRAAX Rod, Transverse Only

FUEL/WATER SEPARATOR {Racor 400 Series} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine

FUEL TANK Top Draw, Non-Polished Aluminum, 24" Dia, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 5 US Gal (19L) Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional, Day Cab

AIR CONDITIONER with Integral Heater and Defroster

GAUGE CLUSTER Base Level; English with English Electronic Speedometer

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

Attachment: International Chassis Proposal - State Contract (Purchase a Log Loader Truck)

Description

SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

MIRRORS (2) C-Loop, Power Adjust, Heated, LED Clearance Lights, Bright Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

CAB INTERIOR TRIM Classic, for Day Cab

ARM REST, RIGHT, DRIVER SEAT

WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature

CAB REAR SUSPENSION Air Bag Type

INSTRUMENT PANEL Flat Panel

WINDSHIELD WIPER BLADES Snow Type

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

WHEELS, FRONT {Accuride 29300} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

PAINT IDENTITY, FRONT WHEELS Disc Wheels; with Vendor Applied Black Powder Coat Paint

PAINT IDENTITY, REAR WHEELS Disc Wheels; with Vendor Applied Black Powder Coat Paint

WHEEL GUARDS, REAR {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels

BDY INTG, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, with Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions

(8) TIRE, REAR 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position

Cab schematic 100WL

Location 1: 2303, Red (Std)

Chassis schematic N/A

Services Section:

WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A

Body/Allied Equipment

Description

Goods Purchased

Description

MUNICIPAL LICENSE PLATES & TITLE FEES

Attachment: International Chassis Proposal - State Contract (Purchase a Log Loader Truck)

INTERNATIONAL®

Financial Summary
2024 HV607 SBA (HV607)

February 11, 2022

(US DOLLAR)

Description	Price
Net Sales Price:	$97,783.00

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ABOVE FIGURE IS FOR CHASSIS ONLY (Does NOT include body or mounted equipment)

ABOVE FIGURE WAS CALCULATED USING STATE CONTRACT # 19416CMS BOSS4-P-8607

ABOVE FIGURE IS GOOD THROUGH 06/02/2022

ABOVE FIGURES DO NOT INCLUDE ANY FUTURE/POTENTIAL INCREASES FOR THE FOLLOWING:
EMISSION SURCAHRGES, FREIGHT / DESTINATION FEES and RAW MATERIAL OR COMMODITY SURCHARGES

Approved by Seller:

Official Title and Date

Authorized Signature

Accepted by Purchaser:

Firm or Business Name

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

Attachment: International Chassis Proposal - State Contract (Purchase a Log Loader Truck)

RUNNION EQUIPMENT COMPANY
6201 East Ave Hodgkins, IL 60525 (708) 447-3169
1-800-824-6704 FAX (708) 447-3730 www.runnionequipment.com

Village of Palatine Public Works
148 W Illinois Ave
Palatine, IL 60067
Ph: 847-202-6976
Attn: Mr. Matt Dusckett and Jim Keats

February 11, 2022

Quote JP 318

UNIT# 4870N

We are pleased to offer the following quotation for your consideration:

One (1) **Palfinger M13A98** equipped as follows:

- Rear mounted
- Net lifting moment: 92,200 ft-lbs
- Net slewing torque: 14,010 ft-lbs
- 32'2" double telescope
- Right side mounted operator's station with two joysticks
- Heated seat – seat back and bottom
- Seat adjustable in distance forward/back
- Telescope controlled electrically on right joystick, slewing via swing pedal
- Control valve mounted on operator's station
- Independently controlled telescopic stabilizers
- Stabilization fully hydraulic controlled from top seat
- Double circuit control valve
- Operating pressure: 3,410 psi
- Oil cooler
- 79 gallon steel hydraulic oil tank
- Continuous ring and pinion rotation
- Dual ladders
- Main boom cylinder protection
- Above mounted outer boom cylinder increases power and protects cylinder
- Linkage system between main and outer boom
- Throttle check valves on main, outer, and extension cylinders
- EPSCOPE – patented telescope system with inside hose routing
- KTL primed and powder coated – painted red
- 4x work lights, 2 on operator's station and two on outer boom
- Epsilon rotator RB10F – 360 degree continuous rotation
- Heiden HC-20-A-3 bypass grapple

Continued on Page 2

REC SALES SIGNATURE DATE PURCHASER SIGNATURE DATE

Attachment: Runnion Log Loader Outfitting Quote (Purchase a Log Loader Truck)

RUNNION EQUIPMENT COMPANY
6201 East Ave Hodgkins, IL 60525 (708) 447-3169
1-800-824-6704 FAX (708) 447-3730 www.runnionequipment.com

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148 W Illinois Ave
Palatine, IL 60067
Ph: 847-202-6976
Attn: Mr. Matt Dusckett and Jim Keats

February 11, 2022

Quote JP 318

UNIT# 4870N

One (1) **22' Heavy Duty Log Body**

- 101" wide
- 66" tall 4"x4"x3/16" vertical posts
- Walls – steel panels
- 66" bulkhead made of 3/16" plate – top half made of expanded metal
- Four (4) cut outs at the floor with drop down doors to sweep out box
- One (1) 60" x 24"x24" aluminum toolbox – passenger side
- One (1) 48" x 24"x24" aluminum toolbox – passenger side
- One (1) 36" x 24"x24" aluminum toolbox – driver's side

MOUNTED ON Customer-supplied Freightliner 108SD. Assuming clean and unobstructed frame. Additional modifications on a time and material basis. Chassis must be approved by Runnion Equipment and Palfinger.

	Price:	$ 117,021.00
Options, not included, initial if selected		
- Four corner LED strobes and mid-body	Add:	$ 955.00
- 34" LED directional bar at rear	Add:	$ 1,933.00
- 20 ton pintle hitch	Add:	$ 484.00
- Electric brake controller	Add:	$ 1,404.00
- Plastic fenders over tandem axles	Add:	$ 2,313.00
- Broom and shovel holders at front bulkhead	Add:	$ 397.00
- Cone holder with three (3) 28" cones	Add:	$ 295.00
- Back up camera	Add:	$ 1,230.00
- 79 US Gallon (300L) Aluminum Oil Tank	Add:	$ 1,435.00
	Options Total	**$4,118.00**

All prices F.O.B. Hodgkins, IL and subject to all applicable tax.
Quote valid for 30 days, Due to market volatility any future manufacturer surcharges will be added to price above. Unit subject to prior sale – 10% deposit at time of order.
Balance due upon notification that unit is ready for delivery

Total Purchase $121,139.00

REC SALES SIGNATURE DATE PURCHASER SIGNATURE DATE

Attachment: Runnion Log Loader Outfitting Quote (Purchase a Log Loader Truck)

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February 11, 2022

Quote JP 318

UNIT# 4870N

SALES ORDER – TERMS AND CONDITIONS OF SALE

This document contains the terms of sale. The entire contract between Seller and Buyer is contained in this Sales Order; no alleged oral promises or conditions not set forth herein shall be binding upon Seller or Buyer, and any prior negotiations between the parties are merged into the terms of this document.

Prices quoted are subject to change without notice inconformity with the Manufacturer's Price List effective at the time of delivery. Prices do not include taxes. Any tax, impost, levy, duty or other charge hereinafter imposed by any government or other authority on this sale will be added to the purchase price as herein noted or any later revision of the purchase price, and will be paid by Buyer unless Buyer provides Seller with a proper tax exemption certificate.

Upon acceptance of this order by Seller, if Buyer fails to perform the terms and conditions hereof, or refuses to accept delivery of the equipment accessories or other items ordered within ten (10) days after notification that same are ready for delivery, the Seller, at its option may retain as liquidated damages all money, trade-ins or other property delivered to Seller by Buyer as down payment hereunder. Buyer will pay any cost of collection for any amount owed to Sellers, including, without limitation, reasonable attorney's fees, court costs and interest in the amount of 1% per month (12% per annum), from the date the amount is due.

Payment is due Seller from the date when Seller is prepared to make delivery. All equipment and material is delivered FOB Seller's plant and title and liability for loss or damage passes to Buyer upon Seller's delivery of the goods to a carrier or shipment to Buyer and any loss or damage thereafter shall not relieve Buyer from any obligation hereunder. Risk of loss for goods shall pass to the Buyer once payment is received by Seller.

Buyer may terminate this contract in whole upon thirty (30) days advance written notice to Seller. In such event, Buyer shall be liable for termination charges. If goods ordered are a standard, manufactured catalog item, Buyer will pay a cancellation charge for each unit cancelled equal the greater of 20% of the purchase order item price or forfeiture of down payment/trade in. If goods are non-standard items built to the Buyer's custom order, Buyer will pay for all cost, direct and indirect incurred and committed for this contract, together with a reasonable allowance for prorated expenses and anticipated profits.

Buyer agrees to comply fully and with all laws and regulation concerning the purchase and sale of goods. In particular, Buyer agrees to comply with all applicable export administration regulations of the United States, including, but not limited to, the Export Administration Act, insofar as they apply to the sale of products.

Buyer shall indemnify and hold harmless Seller, its employees, officers and directors and the respective successors and assigns, from and against any and all liability, damages, claims, causes of actions, losses, costs and expenses (including attorney's fees) of any kind arising out of injuries to any person (including death) or damage to any property caused by or related to the goods or any negligent act or omission of Buyer, its employees and agents.

The validity, performance and construction of this Sales Order, shall be governed by the laws of the State of Illinois, of the United States of America.

Seller shall not be liable, and shall be free from any potential liability for delay in delivery or non-delivery or any failure in shipment caused in whole, or in part, by the occurrence of any contingency beyond control of either Seller or Seller's suppliers including, but not limited to act of war (whether an actual declaration thereof is made or not) act of any government or any agency or subdivision thereof, judicial action, sabotage, insurrection, terrorism, riot or other act of civil disobedience, act of public enemy, failure or delay in transportation, strikes, lockouts, shortage of labor or labor troubles of any kind, accidents, explosion, perils of the sea, fire, earthquake, flood, storm or any other act of God, restrictions or requisitions, shortage of labor, fuel, raw material or machinery or technical failure where Seller has exercised ordinary care in the prevention thereof, failure of manufacturers to deliver, bankruptcy or insolvency of manufacturers or suppliers, suspension of shipping facilities, act or default of any carrier or any other contingency of whatsoever nature beyond Seller's control affecting production, transportation to boarding point, loading, forwarding or unloading in such a situation at destination of the goods covered by this contract including disturbances existing at the time this contract was made. In such a situation, if shipments or delivery is not made during the period contracted for, Buyer shall accept delivery under this contract when shipment is made; provided, however, Buyer shall not be obligated to accept delivery if shipment is not made within a reasonable time after the cessation of the aforementioned impediments or causes. Seller may allocate delivery among Seller's customers.

This order shall not be binding upon Seller until accepted by Seller in writing hereon and when so accepted, the original order with original signatures as given Seller and in Seller's possession shall be conclusive and binding upon the parties hereto.

The Buyer hereby acknowledges receipt of a copy of this Sales Order and Terms and Conditions.

REC SALES SIGNATURE DATE PURCHASER SIGNATURE DATE

Attachment: Runnion Log Loader Outfitting Quote (Purchase a Log Loader Truck)

Consider a Motion Authorizing the Village Manager to Purchase Two Heavy Duty Haul Trucks

BACKGROUND:
As part of the Capital Equipment Replacement Budget for 2022, the Village Council has appropriated $352,425 in funds for the replacement of one 2009 heavy-duty single-axle five-ton dump truck (T-373) and one 2011 heavy-duty tandem-axle dump truck (T-380). These vehicles are recommended for replacement after an inspection, evaluation and life cycle cost analysis. The current mileage on the vehicles are: 75,000 miles (T-373) and 211,860 miles (T-380).

Both are front-line trucks used year-round for snow and ice control, asphalt patching, leaf collection, and various hauling duties. The single-axle truck will be held in reserve status for another 2-3 years, replacing 2006 reserve truck T-346. The tandem-axle dump truck will be sold at auction

KEY ISSUES:

- Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.
- Currently, there is an active State bid for the International truck, but Staff also obtained pricing from Northwest Trucks to see how the pricing compared to the State bid. Both trucks have the same specifications.
- The truck chassis is only the first part of the purchase. The outfitting (plows, spreader, dump body, and emergency lighting) is performed by a truck body company. Typically, the chassis dealer will just bill the Village for the total truck purchase including outfitting, but they can be separate purchases as well. Therefore, Staff compared the costs between two of our vendors who have performed outfitting in the past. The majority of the Village trucks have been outfitted by Monroe Truck in Monroe, Wisconsin, while Bonnell Industries in Dixon, Illinois outfitted three of the last four trucks purchased as the lower cost proposal. Staff requested proposals from both companies.
- Selecting the Freightliner truck over the International truck results in a lower cost for the single-axle chassis and a difference of only $109 favoring International for the tandem-axle chassis. Monroe Truck also provided the lower cost for outfitting compared to Bonnell for both trucks. The Freightliner trucks with upfitting completed by Monroe results in the best value.
- The advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours over the course of a year in transportation when a repair needs to be performed at a dealer. Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12” in overall frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as snowplowing. Finally, the Freightliner has an aluminum cab versus a steel cab on

the International. This will help reduce corrosion on components such as the floor boards and doors.

- Freightliner has no current joint-purchase contracts. Therefore, it would be in the best interest of the Village to waive formal bid requirements and accept the proposal from Northwest Trucks for the chassis and the proposal from Monroe Truck for the outfitting.

ALTERNATIVES:

1. Waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis and one Freightliner 108SD tandem-axle chassis five-ton dump trucks from Northwest Trucks and upfitting for the two trucks from Monroe Truck.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis and one Freightliner 108SD tandem-axle chassis five-ton dump trucks from Northwest Trucks in the amount of $172,500 and upfitting from Monroe Truck in the amount of $215,009, for a total cost not to exceed $387,509.

BUDGET IMPACT:
Funds in the amount of $352,425 have been appropriated in the Capital Equipment Replacement Budget for these purchases. With the total proposed cost of $387,509, there is a shortfall of $35,084. Staff will defer other less critical capital purchases this year to offset budget shortages on this and other truck purchases. Specifically, the replacement of the 2001 Godwin 6 inch trash pump ($59,740) will not proceed unless other savings from other purchases are realized.

ACTION REQUIRED:
Motion to waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis and one Freightliner 108SD tandem-axle chassis five-ton dump trucks from Northwest Trucks, Incorporated in the amount of $172,500 and upfitting from Monroe Truck Equipment in the amount of $215,009, for a total cost not to exceed $387,509.

ATTACHMENTS:

- Two Heavy-Duty Five-Ton Trucks Purchase Memorandum
- Capital Budget Page
- Northwest Trucks Single-Axle Chassis Proposal
- International Single-Axle Chassis Proposal - State Contract
- Northwest Trucks Tandem-Axle Chassis Proposal
- International Tandem-Axle Chassis Proposal - State Contract
- Monroe Single-Axle Outfitting Quote
- Bonnell Single-Axle Outfitting Quote

- Monroe Tandem-Axle Outfitting Quote
- Bonnell Tandem-Axle Outfitting Quote

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

VILLAGE OF PALATINE

Department of Public Works
148 West Illinois Avenue
Palatine, IL 60067
847-705-5200

MEMORANDUM

To: Matt Barry, Director of Public Works

From: Matt Dusckett, Superintendent of Support Services

Date: February 28, 2022

Subject: Replacement of Public Works Heavy-Duty Dump Trucks

Issue: As part of the Capital Equipment Replacement Budget for CY 2022, the Village Council has appropriated $352,425 in funds for the replacement of one 2009 heavy-duty single-axle five-ton dump truck (T-373) and one 2011 heavy-duty tandem-axle dump truck (T-380). These vehicles are recommended for replacement after an inspection, evaluation and life cycle cost analysis. The current mileage on the vehicles are: T-373 – 75,000 and T-380 – 211,860.

Both are front-line trucks used year-round for snow and ice control, asphalt patching, leaf collection, and various hauling duties. The single-axle truck will be held in reserve status for another 2-3 years, replacing 2006 reserve truck T-346. The tandem-axle dump truck will be sold at auction.

Analysis: Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.

Currently, there is an active State bid for the International truck once again, but Staff also obtained pricing from Northwest Trucks to see how the pricing compared to the State bid. Both trucks have the same specifications and the pricing is shown on the following page.

The truck chassis is only the first part of the purchase. The outfitting (i.e. plows, spreader, dump body, and emergency lighting) is performed by a truck body company. Typically, the chassis dealer will just bill the Village for the total truck purchase including outfitting, but they can be separate purchases as well.

Therefore, Staff desired to compare the costs between two of our vendors who have performed outfitting in the past. The majority of the Village trucks have been outfitted by Monroe Truck in Monroe, Wisconsin, while Bonnell Industries, a truck outfitter in Dixon, Illinois, had outfitted three of the last four trucks purchased as the lower cost proposal. Staff requested proposals from both companies, and I have attached the outfitting quotes from both.

I have detailed the purchase options/costs of both chassis manufacturers and outfitters in the charts on the following page.

Attachment: Two Heavy-Duty Five-Ton Trucks Purchase Memorandum (Purchase Two Heavy Duty Haul Trucks)

Single Axle Dump Truck Recap

Make	Model	Purchase Method	Chassis Price	Monroe Upfit $107,351	Bonnell Upfit $125,504.29
International	HV507	State Bid	$81,318	$81,318	$81,318
		Outfitting		$107,351	$125,504.29
			Totals	**$188,669**	**$206,822.29**
Freightliner	108SD	Local Dealer Quote	$81,180	$81,180	$81,180
		Outfitting		$107,351	$125,504.29
			Totals	**$188,531**	**$206,684.29**

Tandem Axle Dump Truck Recap

Make	Model	Purchase Method	Chassis Price	Monroe Upfit $107,658	Bonnell Upfit $124,170.54
International	HV507	State Bid	$91,211	$91,211	$91,211
		Outfitting		$107,658	$124,170.54
			Totals	**$198,869**	**$215,381.54**
Freightliner	108SD	Local Dealer Quote	$91,320	$91,320	$91,320
		Outfitting		$107,658	$124,170.54
			Totals	**$198,978**	**$215,490.54**

As shown above, the best value for a single-axle truck is a Freightliner 108SD, and outfitting by Monroe for a total of $188,531. The tandem-axle truck chassis have a difference of only $109.00 favoring the International, but for the reasons stated below, Staff is recommending the Freightliner:

- The advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours in transportation over the course of the vehicle's lifetime when a repair needs to be performed at a dealer.

- Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12" in overall frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as snowplowing.

- Finally, the Freightliner has an aluminum cab versus a steel cab on the International. This will help reduce corrosion and rust-through on components such as the floor boards and doors.

I have included a few pictures on the following page from one of the International trucks requested for replacement, which is representative of both trucks:

Attachment: Two Heavy-Duty Five-Ton Trucks Purchase Memorandum (Purchase Two Heavy Duty Haul Trucks)

These pictures show the corrosion that can take place in the harsh environment the trucks operate in with materials such as sodium chloride and calcium chloride. Staff has had to repair corrosion on the cabs and bodies when the trucks get older.

Freightliner has no current joint-purchase contracts. Therefore Staff recommends it would be in the best interest of the Village to waive formal bid requirements and accept the proposals from Northwest Trucks of Palatine, Illinois for the single-axle and tandem-axle truck chassis.

Additionally, Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and accept the lowest cost outfitting proposal from Monroe Truck Equipment of Monroe, Wisconsin.

Recommendation: Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and approve the purchase of one (1) new model Freightliner 108SD single-axle chassis and one (1) new model Freightliner 108SD tandem-axle chassis from Northwest Trucks Inc., 2120 Rand Rd., Palatine, IL 60074 at a total cost of $172,500.

Additionally, Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and accept the lowest cost outfitting proposal for a single-axle and a tandem-axle truck from Monroe Truck Equipment, 1051 W. 7th Street, Monroe, WI 53566 at a total cost of $215,009.

Total cost of this purchase is $387,509. Budgeted funds are $352,425 leaving a shortage of $35,084. Staff will consider deferment of other less critical capital purchases this year to offset budget shortages on this and other truck purchases.

Attachments:
Capital Budget Project VE 0003
Chassis Quotes From: Northwest Trucks – (Freightliner / Local Quote)
Rush Truck Center – (International / Illinois State Contract) For Comparative Purposes
Outfitting Quotes From: Monroe Truck Equipment
Bonnell Industries – For Comparative Purposes

Attachment: Two Heavy-Duty Five-Ton Trucks Purchase Memorandum (Purchase Two Heavy Duty Haul Trucks)

Capital Investment Plan

2022 *thru* 2026

Village of Palatine, IL

Project # VE 0003
Project Name Public Works Vehicle Replacements

Account # 401-52-75-6070 625

Department 52-Public Works
Contact Matt Dusckett
Type Equipment
Useful Life 10 years
Category Vehicles & Equipment

Description

CY 2022 Replacements
$ 207,030 - T423 2002 GMC Log Loader Truck (215,700 miles eqv) Replace with the same)
182,475 - T380 2011 Tandem-Axle Dump (201,690 miles eqv) (Replace with the same) ← Tandem Axle
169,950 - T373 2009 5 Ton Dump (78,078 miles eqv) (Replace with the same) ← Single Axle
95,275 - T374 2009 1 Ton Dump (64,634 miles) (Replace with the same)
33,005 - T364 2008 Ford E250 W/Shelving (36,658 miles) (Replace with the same)

Justification

This program provides the planned replacement of necessary Public Works vehicles in order to prevent obsolescence, maintain the functionality of the Department, and enhance operational efficiency.

Prior	Expenditures	2022	2023	2024	2025	2026	Total
564,290	Equipment	687,735	781,275	864,290	890,500	498,580	3,722,380
Total	Total	687,735	781,275	864,290	890,500	498,580	3,722,380

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
564,290	Capital Equipment - 401	687,735	781,275	864,290	890,500	498,580	3,722,380
Total	Total	687,735	781,275	864,290	890,500	498,580	3,722,380

Attachment: Capital Budget Page (Purchase Two Heavy Duty Haul Trucks)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

4 x 2 Single-axle Chassis

S P E C I F I C A T I O N P R O P O S A L

	Description	Weight Front	Weight Rear
Price Level			
	SD PRL-26D (EFF:7/26/21)		
Data Version			
	SPECPRO21 DATA RELEASE VER 027		
Interior Convenience/Driver Retention Package			
	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION		
Vehicle Configuration			
	108SD CONVENTIONAL CHASSIS	6,829	3,748
	2023 MODEL YEAR SPECIFIED		
	SET BACK AXLE - TRUCK		
	STRAIGHT TRUCK PROVISION		
	LH PRIMARY STEERING LOCATION		
General Service			
	TRUCK CONFIGURATION		
	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
	UTILITY/REPAIR/MAINTENANCE SERVICE		
	GOVERNMENT BUSINESS SEGMENT		
	DIRT/SAND/ROCK COMMODITY		
	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
	MAXIMUM 8% EXPECTED GRADE		
	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
	FREIGHTLINER SD VOCATIONAL WARRANTY		
	EXPECTED FRONT AXLE(S) LOAD : 14000.0 lbs		

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	Description	Weight Front	Weight Rear
	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 35000.0 lbs		
Truck Service			
	FRONT PLOW/END DUMP BODY		
	MONROE TRUCK EQUIPMENT		
Engine			
	CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM		
Electronic Parameters			
	64 MPH ROAD SPEED LIMIT		
	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
	15 MINUTE IDLE SHUTDOWN - TIMER RESET WITH CLUTCH AND SERVICE BRAKE		
	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
	PTO RPM WITH CRUISE SET SWITCH - 1000 RPM		
	PTO RPM WITH CRUISE RESUME SWITCH - 1000 RPM		
	PTO GOVERNOR RAMP RATE - 300 RPM PER SECOND		
	PTO MINIMUM RPM - 700		
	REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
Engine Equipment			
	2010 EPA/CARB/GHG21 CONFIGURATION		
	NO 2008 CARB EMISSION CERTIFICATION		
	STANDARD OIL PAN		
	ENGINE MOUNTED OIL CHECK AND FILL		
	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES		
	BATTERY BOX FRAME MOUNTED		
	STANDARD BATTERY JUMPERS		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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Description	Weight Front	Weight Rear
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
CAB AUXILIARY POWER CABLE	5	
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
6 GALLON DIESEL EXHAUST FLUID TANK	-35	-10
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH FORWARD FACE OF DIESEL EXHAUST FLUID TANK 48 TO 52 INCHES BACK OF CAB		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1115 SQUARE INCH ALUMINUM RADIATOR		
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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	Description	Weight Front	Weight Rear
	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
	RADIATOR DRAIN VALVE		
	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
	ELECTRIC GRID AIR INTAKE WARMER		
	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45	
Transmission			
	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION		
Transmission Equipment			
	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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	Description	Weight Front	Weight Rear
	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME		
	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
	ELECTRONIC CONTROL T-HANDLE SHIFT LEVER, DASH MOUNTED		
	TRANSMISSION PROGNOSTICS - ENABLED 2013		
	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
	TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP		
	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
	DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
	NON-ASBESTOS FRONT BRAKE LINING		
	CAST IRON OUTBOARD FRONT BRAKE DRUMS		
	FRONT BRAKE DUST SHIELDS	5	
	FRONT OIL SEALS		
	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
	STANDARD SPINDLE NUTS FOR ALL AXLES		
	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
	STANDARD KING PIN BUSHINGS		
	TRW TAS-85 POWER STEERING	40	
	POWER STEERING PUMP		
	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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	Description	Weight Front	Weight Rear
	16,000# TAPERLEAF FRONT SUSPENSION	200	
	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
	NO FRONT SUSPENSION OPTIONS		
	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
	RS-23-160 23,000# R-SERIES SINGLE REAR AXLE		180
	6.43 REAR AXLE RATIO		
	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
	NON-ASBESTOS REAR BRAKE LINING		
	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
	CONMET CAST IRON REAR BRAKE DRUMS		10
	REAR BRAKE DUST SHIELDS		5
	REAR OIL SEALS		
	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
	23,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		50
	SPRING SUSPENSION - 2.25 INCH AXLE SPACER		10
	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
	FORE/AFT CONTROL RODS		
Brake System			
	WABCO 4S/4M ABS		
	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
	FIBER BRAID PARKING BRAKE HOSE		
	STANDARD BRAKE SYSTEM VALVES		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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	Description	Weight Front	Weight Rear
	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
	STD U.S. FRONT BRAKE VALVE		
	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
	BW AD-9SI BRAKE LINE AIR DRYER WITH HEATER		
	AIR DRYER MOUNTED INBOARD ON LH RAIL		
	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION		
	CLEAR FRAME RAILS FROM TRANSMISSION PTO OPENING TO 36 INCHES BACK OF CAB OUTBOARD/INSIDE/BELOW BOTH RAILS		
	BW DV-2 AUTO DRAIN VALVE WITH HEATER - WET TANK		
Trailer Connections			
	UPGRADED CHASSIS MULTIPLEXING UNIT		
Wheelbase & Frame			
	4500MM (177 INCH) WHEELBASE		
	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	240	130
	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
	2550MM (100 INCH) REAR FRAME OVERHANG		
	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	-50	210
	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20
	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 111.61 in		
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 108.61 in		
	CALC'D FRAME LENGTH - OVERALL : 342.72 in		
	CALCULATED FRAME SPACE LH SIDE : 51.07 in		
	CALCULATED FRAME SPACE RH SIDE : 139.57 in		
	SQUARE END OF FRAME		
	FRONT CLOSING CROSSMEMBER		
	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	STANDARD REARMOST CROSSMEMBER		
	STANDARD SUSPENSION CROSSMEMBER		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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	Description	Weight Front	Weight Rear
Chassis Equipment			
	14 INCH PAINTED STEEL BUMPER		
	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks			
	70 GALLON/264 LITER ALUMINUM FUEL TANK - LH	5	
	25 INCH DIAMETER FUEL TANK(S)		
	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	FUEL TANK(S) FORWARD		
	PLAIN STEP FINISH		
	FUEL TANK CAP(S)		
	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5	
	EQUIFLO INBOARD FUEL SYSTEM		
	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
	CONTINENTAL HSC3 12R22.5 16 PLY RADIAL FRONT TIRES	74	
	CONTINENTAL HDR2+ 11R22.5 14 PLY RADIAL REAR TIRES		92
Hubs			
	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18 INSET 2-HAND HD STEEL DISC FRONT WHEELS	26	
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		52
	FRONT WHEEL MOUNTING NUTS		
	REAR WHEEL MOUNTING NUTS		
	NO PUSHER/TAG WHEEL MOUNTING NUTS		
Cab Exterior			

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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Description	Weight Front	Weight Rear
108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
AIR CAB MOUNTING		
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
SHORT FENDER WITH MUDFLAP		
LH AND RH GRAB HANDLES		
STATIONARY BLACK GRILLE		
BLACK HOOD MOUNTED AIR INTAKE GRILLE		
FIBERGLASS HOOD		
SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK		
SINGLE ELECTRIC HORN		
SINGLE HORN SHIELD		
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
KEY QUANTITY OF 2		
REAR LICENSE PLATE MOUNT END OF FRAME		
HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
LED AERODYNAMIC MARKER LIGHTS		
DAYTIME RUNNING LIGHTS - LOW BEAM ONLY		
INTEGRAL STOP/TAIL/BACKUP LIGHTS WITH 7 EXTRA FEET OF WIRE MOUNTED AT END OF FRAME		
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS		
DOOR MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS M0UNTED UNDER PRIMARY MIRRORS		
RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS	12	
STANDARD SIDE/REAR REFLECTORS		
63X14 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
MANUAL DOOR WINDOW REGULATORS		
LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	

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	Description	Weight Front	Weight Rear
	1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD		
	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR		
Cab Interior			
	OPAL GRAY VINYL INTERIOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	BLACK MATS WITH SINGLE INSULATION		
	NO DASH MOUNTED ASH TRAYS AND LIGHTER		
	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
	IN DASH STORAGE BIN		
	(2) CUP HOLDERS LH AND RH DASH		
	GRAY/CHARCOAL FLAT DASH		
	SMART SWITCH EXPANSION MODULE		
	HEATER, DEFROSTER AND AIR CONDITIONER		
	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
	STANDARD HEATER PLUMBING		
	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
	BINARY CONTROL, R-134A		
	STANDARD INSULATION		
	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
	(1) 12 VOLT POWER SUPPLY IN DASH		
	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WTIH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	

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	Description	Weight Front	Weight Rear
	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
	VINYL WITH VINYL INSERT DRIVER SEAT		
	VINYL WITH VINYL INSERT PASSENGER SEAT		
	HIGH VISIBILITY ORANGE SEAT BELTS		
	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
	WOODGRAIN DRIVER INSTRUMENT PANEL		
	WOODGRAIN CENTER INSTRUMENT PANEL		
	BLACK GAUGE BEZELS		
	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
	2 INCH ELECTRIC FUEL GAUGE		
	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
	ELECTRIC ENGINE OIL PRESSURE GAUGE		
	OVERHEAD INSTRUMENT PANEL		
	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10	
	DASH MOUNTED RADIO		
	(2) RADIO SPEAKERS IN CAB		
	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
	POWER AND GROUND WIRING PROVISION OVERHEAD		
	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
	STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS		
	ELECTRONIC 3000 RPM TACHOMETER		
	IGNITION SWITCH CONTROLLED ENGINE STOP		
	SIX ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS; FOUR WIRE TO CHASSIS AT BACK OF CAB, TWO UNWIRED, LABEL ALL OPT		
	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET		
	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS		
	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
Design			
	PAINT: ONE SOLID COLOR		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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Phone: 800-559-8890

	Description	Weight Front	Weight Rear
Color			
	CAB COLOR A: L5994EY HARVESTER RED ELITE EY		
	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	STANDARD BLACK BUMPER PAINT		
	STANDARD E COAT/UNDERCOATING		
Certification / Compliance			
	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
Secondary Factory Options			
	CORPORATE PDI CENTER IN-SERVICE ONLY		
Raw Performance Data			
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 108.61 in		

T O T A L V E H I C L E S U M M A R Y

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	7746 lbs	4482 lbs	12228 lbs
Total Weight+	7746 lbs	4482 lbs	12228 lbs

Extended Warranty

TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE $550 CAP FEX APPLIES

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

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(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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Q U O T A T I O N

108SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK

CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM

ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

RS-23-160 23,000# R-SERIES SINGLE REAR AXLE

23,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD

DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE

16,000# TAPERLEAF FRONT SUSPENSION

108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

4500MM (177 INCH) WHEELBASE

7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI

2550MM (100 INCH) REAR FRAME OVERHANG

BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	80,980	$	80,980
EXTENDED WARRANTY		$	200	$	200
DEALER INSTALLED OPTIONS		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***81,180***	**$**	***81,180***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0

TRADE-IN

TRADE-IN ALLOWANCE		$	(0)	$	(0)
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**81,180**	**$**	**81,180**

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

INTERNATIONAL®

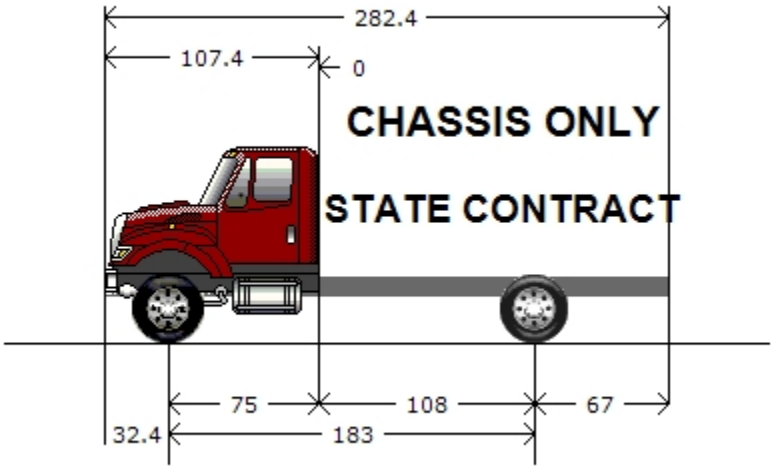
February 01, 2022

Single-axle proposal (For Comparison Only)

Prepared For:
VILLAGE OF PALATINE
MATT DUSCKETT
148 W Illinois Ave.
Palatine, IL 60067-6816
(847)202 - 6986
Reference ID: STATE CONTRACT

Presented By:
RUSH TRK CTR OF N IL
David R Mueller
4655 S CENTRAL AVE.
CHICAGO IL 606381547
708-295-5800

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2024 HV507 SFA (HV507)

AXLE CONFIG:	4X2
MISSION:	Requested GVWR: 56000. Calc. GVWR: 35000. Calc. GCWR: 55000
DIMENSION:	Wheelbase: 183.00, CA: 108.00, Axle to Frame: 67.00
ENGINE, DIESEL:	{Cummins L9 300} EPA 2021, 300HP @ 2200 RPM, 860 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity
AXLE, REAR, SINGLE:	{Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends Gear Ratio: 6.43
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 12R22.5 Load Range H HSR2 (CONTINENTAL), 483 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, SINGLE:	23,500-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100WK Location 1: 2303, Red (Std) Chassis schematic N/A

Attachment: International Single-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Description

Base Chassis, Model HV507 SFA with 183.00 Wheelbase, 108.00 CA, and 67.00 Axle to Frame.

AXLE CONFIGURATION {Navistar} 4x2

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Swept Back, Steel, Heavy Duty

FRAME, SPECIAL EFFECTS Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Multileaf, Shackle Type, 14,000-lb Capacity, for Reduced Deflection Vocational Use, with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank

AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System

AIR DRYER {Bendix AD-IP} with Heater

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

SLACK ADJUSTERS, FRONT {Haldex} Automatic

SLACK ADJUSTERS, REAR {Haldex} Automatic

AIR COMPRESSOR {Cummins} 18.7 CFM

AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Back of Cab, Perpendicular to Rail

DUST SHIELDS, FRONT BRAKE for Air Cam Brakes

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

BRAKES, FRONT {Bendix Spicer ES-165-5X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity

BRAKES, REAR {Bendix Spicer ES-165-7X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black

STEERING GEAR {Sheppard M100} Power

DRIVELINE SYSTEM {Dana Spicer} SPL140, for 4x2/6x2

AFTERTREATMENT COVER Steel, Black

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for Improved Ground Clearance

TAIL PIPE (1) Turnback Type

Attachment: International Single-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Description

EXHAUST HEIGHT 10'

MUFFLER/TAIL PIPE GUARD (1) Aluminum

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount

BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

ANTENNA for Increased Roof Clearance Applications

RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

HORN, ELECTRIC Disc Style

BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab

JUMP START STUD Remote Mounted

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

HEADLIGHTS Halogen

FENDER EXTENSIONS Rubber

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

GRILLE Stationary, Chrome

FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government Silver Package

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

ENGINE, DIESEL {Cummins L9 300} EPA 2021, 300HP @ 2200 RPM, 860 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)

FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

Attachment: International Single-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Description

RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler

AIR CLEANER Dual Element, with Integral Snow Valve and In-Cab Control

EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2022

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)

CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines

CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty

TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

TRANSMISSION DIPSTICK Relocated to Right Side of Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming

PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission

AXLE, REAR, SINGLE {Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.43

SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs

SPRINGS, REAR AUXILIARY Multileaf; 4,500-lb Capacity

FUEL/WATER SEPARATOR {Racor 400 Series} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional, Day Cab

AIR CONDITIONER with Integral Heater and Defroster

GAUGE CLUSTER Base Level; English with English Electronic Speedometer

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar

Attachment: International Single-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Description

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

MIRRORS (2) C-Loop, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

CAB INTERIOR TRIM Classic, for Day Cab

ARM REST, RIGHT, DRIVER SEAT

CAB REAR SUSPENSION Air Bag Type

MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Black 7.5" Sq.

WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

INSTRUMENT PANEL Flat Panel

WINDSHIELD WIPER BLADES Snow Type

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

WHEELS, FRONT {Maxion 90541} DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint

PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint

WHEEL GUARDS, REAR {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches

(4) TIRE, REAR 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 12R22.5 Load Range H HSR2 (CONTINENTAL), 483 rev/mile, 75 MPH, All-Position

Cab schematic 100WK

Location 1: 2303, Red (Std)

Chassis schematic N/A

Services Section:

WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A

Body/Allied Equipment

Description

Goods Purchased

Description

MUNICIPAL LECENSE PLATES AND NEW TITLE FEE

Attachment: International Single-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

INTERNATIONAL®

Financial Summary
2024 HV507 SFA (HV507)

February 01, 2022

(US DOLLAR)

Description	Price
Net Sales Price:	$78,560.00
	Options - $2.758
	Total - $81,318

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ABOVE FIGURE IS FOR CHASSIS ONLY (Does NOT include body or mounted equipment)

ABOVE FIGURE WAS CALCULATED USING STATE CONTRACT # 19416CMS BOSS4-P-8607

ABOVE FIGURE IS GOOD THROUGH 06/02/2022

ABOVE FIGURES DO NOT INCLUDE ANY FUTURE/POTENTIAL INCREASES FOR THE FOLLOWING:
EMISSION SURCAHRGES, FREIGHT / DESTINATION FEES and RAW MATERIAL OR COMMODITY SURCHARGES

Approved by Seller:

Official Title and Date

Authorized Signature

This proposal is not binding upon the seller without Seller's Authorized Signature

Accepted by Purchaser:

Firm or Business Name

Authorized Signature and Date

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

Attachment: International Single-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

ADDITONAL OPTIONAL EQUIPMENT TO CONSIDER

FRONT AXLE {Meritor MFS-16-143A}, 16,000-lb Capacity with 16,000 FRONT SPRING SUSPENSION	$1,032.00
DUAL STEERING GEARS for 16,000 lb. Front Axle (above)	$854.00
ALUMINUM AIR TANKS in-leau-of Painted Steel Black Powder Coat Paint	$345.00
MUFFLER GUARD Bright Stainless Steel in-leau-of Aluminum	$ 133.00
AFTER-TREATMENT COVER ALUMINUM in-leau-of Black Painted	$ 278.00
ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame	$286.00
RADIO WITH BLUETOOTH CAPABILITY	$95.00
ADDITIONAL POWER SOURCES Cigar Type & USB	$38.00
** DASH MOUNTED BODY CIRCUITS, for Bodybuilder	$678.00
ALUMINUM BATTERY BOX in-leau-of Steel	$ 445.00
CUMMINS L-9 ENGINE 330 Horsepower with 1000 Torque in-leau-of 300 HP with 860 Torque	$ 1,280.00
REAR SUSPENSION 31,000 lbs in-leau-of 23,500 lbs	$120.00
STAINLESS STEEL FUEL TANK STRAPS in-leau-of Steel Straps	$260.00
POWER Windows and Locks in-leau-of Manual Windows & Locks	$ 367.00
POWER MIRRORS with Aluminum Arms in-leau-of Manual Adjustment with Black Arms	$240.00
HEATED WINDSHIELD	$ 667.00
COWL TRAY FOR HEATED WINSHIELD	$ 200.00
HOOD MOUNTED CONVEX MIRRORS (non-heated) Add Additional $160.00 for Heated	$260.00
ALUMINUM (Bustin) CAB ENTRY STEPS in-leau-of Steel Black Powder Coat Paint - 2 per Side	$625.00
315/80R22.5 Front Tires with 9.0 x 22.5 Wheels for 16,000 lb Axle (Full 16,000 lb. Rating)	$560.00
FRONT FENDER EXTENSIONS for Larger Front Tires/ Wheels	$125.00

** Required by Monroe Truck Equipment

Required options to match Freightliner proposal - $2,758

Attachment: International Single-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

Attachment: Northwest Trucks Tandem-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

6 X 4 Tandem-axle Chassis

S P E C I F I C A T I O N P R O P O S A L

	Description	Weight Front	Weight Rear
Price Level			
	SD PRL-26D (EFF:7/26/21)		
Data Version			
	SPECPRO21 DATA RELEASE VER 027		
Interior Convenience/Driver Retention Package			
	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION		
Vehicle Configuration			
	108SD CONVENTIONAL CHASSIS	6,829	3,748
	2023 MODEL YEAR SPECIFIED		
	SET BACK AXLE - TRUCK		
	STRAIGHT TRUCK PROVISION		
	LH PRIMARY STEERING LOCATION		
General Service			
	TRUCK CONFIGURATION		
	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
	UTILITY/REPAIR/MAINTENANCE SERVICE		
	GOVERNMENT BUSINESS SEGMENT		
	DIRT/SAND/ROCK COMMODITY		
	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
	MAXIMUM 8% EXPECTED GRADE		
	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
	FREIGHTLINER SD VOCATIONAL WARRANTY		
	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
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NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52000.0 lbs		
Truck Service			
	FRONT PLOW/END DUMP BODY		
	MONROE TRUCK EQUIPMENT		
Engine			
	CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM		
Electronic Parameters			
	64 MPH ROAD SPEED LIMIT		
	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
	15 MINUTE IDLE SHUTDOWN - TIMER RESET WITH CLUTCH AND SERVICE BRAKE		
	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
	PTO RPM WITH CRUISE SET SWITCH - 1000 RPM		
	PTO RPM WITH CRUISE RESUME SWITCH - 1000 RPM		
	PTO GOVERNOR RAMP RATE - 300 RPM PER SECOND		
	PTO MINIMUM RPM - 700		
	REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
Engine Equipment			
	2010 EPA/CARB/GHG21 CONFIGURATION		
	NO 2008 CARB EMISSION CERTIFICATION		
	STANDARD OIL PAN		
	ENGINE MOUNTED OIL CHECK AND FILL		
	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES		
	BATTERY BOX FRAME MOUNTED		
	STANDARD BATTERY JUMPERS		

Attachment: Northwest Trucks Tandem-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
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Description	Weight Front	Weight Rear
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
CAB AUXILIARY POWER CABLE	5	
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
6 GALLON DIESEL EXHAUST FLUID TANK	-35	-10
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH FORWARD FACE OF DIESEL EXHAUST FLUID TANK 48 TO 52 INCHES BACK OF CAB		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1115 SQUARE INCH ALUMINUM RADIATOR		
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		

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	Description	Weight Front	Weight Rear
	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
	RADIATOR DRAIN VALVE		
	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
	ELECTRIC GRID AIR INTAKE WARMER		
	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45	
Transmission			
	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION		
Transmission Equipment			
	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		

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	Description	Weight Front	Weight Rear
	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME		
	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
	ELECTRONIC CONTROL T-HANDLE SHIFT LEVER, DASH MOUNTED		
	TRANSMISSION PROGNOSTICS - ENABLED 2013		
	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
	TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP		
	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
	DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
	NON-ASBESTOS FRONT BRAKE LINING		
	CONMET CAST IRON FRONT BRAKE DRUMS		
	FRONT BRAKE DUST SHIELDS	5	
	FRONT OIL SEALS		
	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
	STANDARD SPINDLE NUTS FOR ALL AXLES		
	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
	STANDARD KING PIN BUSHINGS		
	TRW TAS-85 POWER STEERING	40	
	POWER STEERING PUMP		
	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			

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	Description	Weight Front	Weight Rear
	16,000# TAPERLEAF FRONT SUSPENSION	200	
	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
	NO FRONT SUSPENSION OPTIONS		
	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
	MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE		2,500
	6.14 REAR AXLE RATIO		
	IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING		40
	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	20	20
	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
	DRIVER CONTROLLED TRACTION DIFFERENTIAL - FORWARD TANDEM/TRIDEM REAR AXLE		10
	(1) INTERAXLE LOCK VALVE AND (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR VALVE		
	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF		
	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
	NON-ASBESTOS REAR BRAKE LINING		
	ASPHALT SPREADER CLEARANCE REAR BRAKE GEOMETRY		
	CONMET CAST IRON REAR BRAKE DRUMS		20
	REAR BRAKE DUST SHIELDS		10
	REAR OIL SEALS		
	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS		20
	HALDEX AUTOMATIC REAR SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS		
	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			

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	Description	Weight Front	Weight Rear
	HENDRICKSON HAULMAAX @40,000# REAR SUSPENSION		840
	HENDRICKSON HAULMAAX/ULTIMAAX - 10.50" RIDE HEIGHT		
	54 INCH AXLE SPACING		
	HENDRICKSON HN, HAULMAAX AND ULTIMAAX SERIES STEEL BEAMS WITH BAR PIN		
	FORE/AFT AND TRANSVERSE CONTROL RODS		
Brake System			
	WABCO 4S/4M ABS		
	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
	FIBER BRAID PARKING BRAKE HOSE		
	STANDARD BRAKE SYSTEM VALVES		
	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
	STD U.S. FRONT BRAKE VALVE		
	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
	BW AD-9SI BRAKE LINE AIR DRYER WITH HEATER		
	AIR DRYER MOUNTED INBOARD ON LH RAIL		
	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION		
	CLEAR FRAME RAILS FROM TRANSMISSION PTO OPENING TO 36 INCHES BACK OF CAB OUTBOARD/INSIDE/BELOW BOTH RAILS		
	BW DV-2 AUTO DRAIN VALVE WITH HEATER - WET TANK		
Trailer Connections			
	UPGRADED CHASSIS MULTIPLEXING UNIT		
Wheelbase & Frame			
	4775MM (188 INCH) WHEELBASE		
	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	320	140
	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
	2550MM (100 INCH) REAR FRAME OVERHANG		
	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	-50	210
	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20

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	Description	Weight Front	Weight Rear
	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 122.44 in		
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 119.44 in		
	CALC'D FRAME LENGTH - OVERALL : 353.55 in		
	CALCULATED FRAME SPACE LH SIDE : 39.39 in		
	CALCULATED FRAME SPACE RH SIDE : 150.39 in		
	SQUARE END OF FRAME		
	FRONT CLOSING CROSSMEMBER		
	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	STANDARD REARMOST CROSSMEMBER		
	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
	14 INCH PAINTED STEEL BUMPER		
	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks			
	70 GALLON/264 LITER ALUMINUM FUEL TANK - LH	5	
	25 INCH DIAMETER FUEL TANK(S)		
	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	FUEL TANK(S) FORWARD		
	PLAIN STEP FINISH		
	FUEL TANK CAP(S)		
	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5	
	EQUIFLO INBOARD FUEL SYSTEM		
	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
	CONTINENTAL HSC3 12R22.5 16 PLY RADIAL FRONT TIRES	74	
	CONTINENTAL HDR2+ 11R22.5 14 PLY RADIAL REAR TIRES		184

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	Description	Weight Front	Weight Rear
Hubs			
	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18 INSET 2-HAND HD STEEL DISC FRONT WHEELS	26	
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104
	FRONT WHEEL MOUNTING NUTS		
	REAR WHEEL MOUNTING NUTS		
	NO PUSHER/TAG WHEEL MOUNTING NUTS		
Cab Exterior			
	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
	AIR CAB MOUNTING		
	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
	SHORT FENDER WITH MUDFLAP		
	LH AND RH GRAB HANDLES		
	STATIONARY BLACK GRILLE		
	BLACK HOOD MOUNTED AIR INTAKE GRILLE		
	FIBERGLASS HOOD		
	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK		
	SINGLE ELECTRIC HORN		
	SINGLE HORN SHIELD		
	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
	KEY QUANTITY OF 2		
	REAR LICENSE PLATE MOUNT END OF FRAME		
	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
	LED AERODYNAMIC MARKER LIGHTS		
	DAYTIME RUNNING LIGHTS - LOW BEAM ONLY		
	INTEGRAL STOP/TAIL/BACKUP LIGHTS WITH 7 EXTRA FEET OF WIRE MOUNTED AT END OF FRAME		
	STANDARD FRONT TURN SIGNAL LAMPS		
	DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS		

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	Description	Weight Front	Weight Rear
	DOOR MOUNTED MIRRORS		
	102 INCH EQUIPMENT WIDTH		
	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS M0UNTED UNDER PRIMARY MIRRORS		
	RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS	12	
	STANDARD SIDE/REAR REFLECTORS		
	63X14 INCH TINTED REAR WINDOW		
	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
	MANUAL DOOR WINDOW REGULATORS		
	LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	
	1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD		
	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR		
Cab Interior			
	OPAL GRAY VINYL INTERIOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	BLACK MATS WITH SINGLE INSULATION		
	NO DASH MOUNTED ASH TRAYS AND LIGHTER		
	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
	IN DASH STORAGE BIN		
	(2) CUP HOLDERS LH AND RH DASH		
	GRAY/CHARCOAL FLAT DASH		
	SMART SWITCH EXPANSION MODULE		
	HEATER, DEFROSTER AND AIR CONDITIONER		
	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
	STANDARD HEATER PLUMBING		

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	Description	Weight Front	Weight Rear
	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
	BINARY CONTROL, R-134A		
	STANDARD INSULATION		
	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
	(1) 12 VOLT POWER SUPPLY IN DASH		
	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WTIH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
	VINYL WITH VINYL INSERT DRIVER SEAT		
	VINYL WITH VINYL INSERT PASSENGER SEAT		
	HIGH VISIBILITY ORANGE SEAT BELTS		
	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
	WOODGRAIN DRIVER INSTRUMENT PANEL		
	WOODGRAIN CENTER INSTRUMENT PANEL		
	BLACK GAUGE BEZELS		
	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		

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	Description	Weight Front	Weight Rear
	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
	2 INCH ELECTRIC FUEL GAUGE		
	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
	ELECTRIC ENGINE OIL PRESSURE GAUGE		
	OVERHEAD INSTRUMENT PANEL		
	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10	
	DASH MOUNTED RADIO		
	(2) RADIO SPEAKERS IN CAB		
	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
	POWER AND GROUND WIRING PROVISION OVERHEAD		
	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
	STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS		
	ELECTRONIC 3000 RPM TACHOMETER		
	IGNITION SWITCH CONTROLLED ENGINE STOP		
	SIX ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS; FOUR WIRE TO CHASSIS AT BACK OF CAB, TWO UNWIRED, LABEL ALL OPT		
	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET		

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	Description	Weight Front	Weight Rear	
	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS			
	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			
	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			
	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			
Design				
	PAINT: ONE SOLID COLOR			
Color				
	CAB COLOR A: L5994EY HARVESTER RED ELITE EY			
	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			
	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			
	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			
	STANDARD BLACK BUMPER PAINT			
	STANDARD E COAT/UNDERCOATING			
Certification / Compliance				
	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			
Secondary Factory Options				
	CORPORATE PDI CENTER IN-SERVICE ONLY			
Raw Performance Data				
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 119.44 in			

T O T A L V E H I C L E S U M M A R Y

Weight Summary

	Weight Front	Weight Rear	Total Weight

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NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

Factory Weight+	7846 lbs	7841 lbs	15687 lbs
Total Weight+	7846 lbs	7841 lbs	15687 lbs

Extended Warranty

TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING
COVERAGE $550 CAP FEX APPLIES

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

Attachment: Northwest Trucks Tandem-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

Q U O T A T I O N

108SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK

CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM

ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE

HENDRICKSON HAULMAAX @40,000# REAR SUSPENSION

DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE

16,000# TAPERLEAF FRONT SUSPENSION

108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

4775MM (188 INCH) WHEELBASE

7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI

2550MM (100 INCH) REAR FRAME OVERHANG

BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	91,120	$	91,120
EXTENDED WARRANTY		$	200	$	200
DEALER INSTALLED OPTIONS		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***91,320***	**$**	***91,320***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0

TRADE-IN

TRADE-IN ALLOWANCE		$	(0)	$	(0)
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**91,320**	**$**	**91,320**

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

Attachment: Northwest Trucks Tandem-Axle Chassis Proposal (Purchase Two Heavy Duty Haul Trucks)

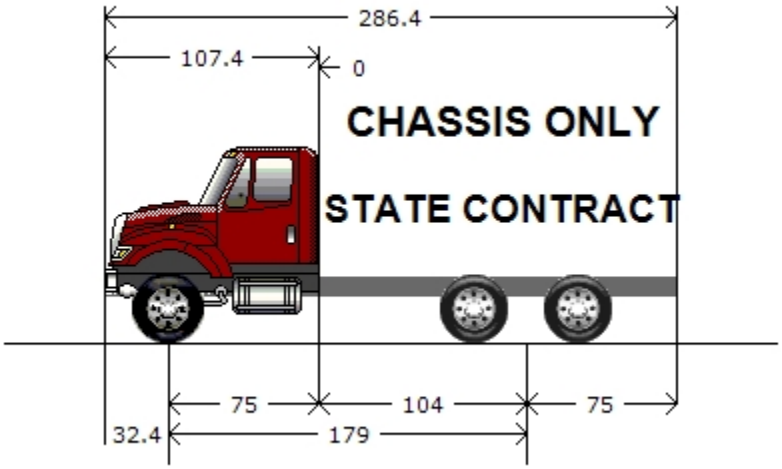
INTERNATIONAL®

February 01, 2022

Tandem-axle Proposal (For Comparison Only)

Prepared For:
VILLAGE OF PALATINE
MATT DUSCKETT
148 W Illinois Ave.
Palatine, IL 60067-6816
(847)202 - 6986
Reference ID: STATE CONTRACT

Presented By:
RUSH TRK CTR OF N IL
David R Mueller
4655 S CENTRAL AVE.
CHICAGO IL 606381547
708-295-5800



Model Profile
2024 HV507 SFA (HV507)

AXLE CONFIG:	6X4
MISSION:	Requested GVWR: 56000. Calc. GVWR: 56000. Calc. GCWR: 80000
DIMENSION:	Wheelbase: 179.00, CA: 104.00, Axle to Frame: 75.00
ENGINE, DIESEL:	{Cummins L9 330} EPA 2021, 330HP @ 2200 RPM, 1000 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor MT-40-14X-4DFR} Single Reduction, 40,000-lb Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends Gear Ratio: 6.43
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L HSC 3 (CONTINENTAL), 481 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(8) 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, TANDEM:	{Hendrickson HMX EX 400} Walking Beam, 40,000-lb Capacity, 52" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
PAINT:	Cab schematic 100WK Location 1: 2303, Red (Std) Chassis schematic N/A

Attachment: International Tandem-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

INTERNATIONAL®

Vehicle Specifications
2024 HV507 SFA (HV507)

February 01, 2022

Description

Base Chassis, Model HV507 SFA with 179.00 Wheelbase, 104.00 CA, and 75.00 Axle to Frame.

AXLE CONFIGURATION {Navistar} 6x4

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Swept Back, Steel, Heavy Duty

FRAME, SPECIAL EFFECTS Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 177" (450cm) Through and Including 226" (575cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity

SHOCK ABSORBERS, FRONT

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Multileaf, Shackle Type, 16,000-lb Capacity, Less Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank

AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System

AIR DRYER {Bendix AD-IP} with Heater

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

SLACK ADJUSTERS, FRONT {Haldex} Automatic

SLACK ADJUSTERS, REAR {Haldex} Automatic

AIR COMPRESSOR {Cummins} 18.7 CFM

AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Back of Cab, Perpendicular to Rail

DUST SHIELDS, FRONT BRAKE for Air Cam Brakes

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

BRAKES, FRONT {Bendix Spicer ES-165-6X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 6", 23,000-lb Capacity

BRAKES, REAR {Bendix Spicer ES-165-7X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

PARK BRAKE CHAMBERS,ADDITIONAL (2) Spring Brake Type

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black

STEERING GEAR (2) {Sheppard M100/M80} Dual Power

DRIVELINE SYSTEM {Dana Spicer} SPL140 Main Driveline with SPL170 Interaxle Shaft, for 6x4

AFTERTREATMENT COVER Steel, Black

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

Attachment: International Tandem-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Description

TAIL PIPE (1) Turnback Type

EXHAUST HEIGHT 10'

MUFFLER/TAIL PIPE GUARD (1) Aluminum

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount

BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

ANTENNA for Increased Roof Clearance Applications

RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

HORN, ELECTRIC Disc Style

BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab

JUMP START STUD Remote Mounted

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

HEADLIGHTS Halogen

FENDER EXTENSIONS Rubber

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

GRILLE Stationary, Chrome

FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government Silver Package

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

ENGINE, DIESEL {Cummins L9 330} EPA 2021, 330HP @ 2200 RPM, 1000 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)

Attachment: International Tandem-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Description

FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler

AIR CLEANER Dual Element, with Integral Snow Valve and In-Cab Control

EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2022

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)

CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines

CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty

TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

TRANSMISSION DIPSTICK Relocated to Right Side of Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming

PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission

AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR} Single Reduction, 40,000-lb Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends . Gear Ratio: 6.43

SUSPENSION, REAR, TANDEM {Hendrickson HMX EX 400} Walking Beam, 40,000-lb Capacity, 52" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings

SHOCK ABSORBERS, REAR (4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam

TRANSVERSE TORQUE RODS {Hendrickson} TRAAX Rod, Transverse Only

FUEL/WATER SEPARATOR {Racor 400 Series} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), Mounted Left Side, Under Cab

DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional, Day Cab

AIR CONDITIONER with Integral Heater and Defroster

GAUGE CLUSTER Base Level; English with English Electronic Speedometer

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel

Attachment: International Tandem-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

Description

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

MIRRORS (2) C-Loop, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

CAB INTERIOR TRIM Classic, for Day Cab

ARM REST, RIGHT, DRIVER SEAT

CAB REAR SUSPENSION Air Bag Type

MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Black 7.5" Sq.

WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

INSTRUMENT PANEL Flat Panel

WINDSHIELD WIPER BLADES Snow Type

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

WHEELS, FRONT {Accuride 29300} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint

WHEEL GUARDS, REAR {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches

(8) TIRE, REAR 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 315/80R22.5 Load Range L HSC 3 (CONTINENTAL), 481 rev/mile, 68 MPH, All-Position

Cab schematic 100WK

Location 1: 2303, Red (Std)

Chassis schematic N/A

Services Section:

WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A

Body/Allied Equipment

Description

Goods Purchased

Description

MUNICIPAL LECENSE PLATES AND NEW TITLE FEE

Attachment: International Tandem-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

INTERNATIONAL®

Financial Summary
2024 HV507 SFA (HV507)

February 01, 2022

(US DOLLAR)

Description	Price
Net Sales Price:	$87,871.00
	Options - $3,340
	Total - $91,211

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ABOVE FIGURE IS FOR CHASSIS ONLY (Does NOT include body or mounted equipment)

ABOVE FIGURE WAS CALCULATED USING STATE CONTRACT # 19416CMS BOSS4-B-2573

ORDERS MUST BE PLACED PRIOR APRIL 2020 (NO LATER THAN 3/31/2020)

ABOVE FIGURES DO NOT INCLUDE ANY FUTURE/POTENTIAL INCREASES FOR THE FOLLOWING:
EMISSION SURCAHRGES, FREIGHT / DESTINATION FEES and RAW MATERIAL SURCHARGES

Approved by Seller:

Official Title and Date

Authorized Signature

This proposal is not binding upon the seller without Seller's Authorized Signature

Accepted by Purchaser:

Firm or Business Name

Authorized Signature and Date

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

Attachment: International Tandem-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

ADDITONAL OPTIONAL EQUIPMENT TO CONSIDER

FRONT AXLE {Meritor MFS-18-133A}, I-Beam Type, 18,000-lb Capacity with 18,000 FRONT SPRING SUSPENSION -	$1,453.00
ALUMINUM AIR TANKS in-leau-of Painted Steel Black Powder Coat Paint	$345.00
MUFFLER GUARD Bright Stainless Steel in-leau-of Aluminum	$133.00
AFTER-TREATMENT COVER ALUMINUM in-leau-of Black Painted	$278.00
ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame	$286.00
RADIO WITH BLUETOOTH CAPABILITY	$95.00
ADDITIONAL POWER SOURCES Cigar Type & USB	$38.00
ALUMINUM BATTERY BOX in-leau-of Steel	$445.00
** DASH MOUNTED BODY CIRCUITS, for Bodybuilder	$678.00
CUMMINS L-9 ENGINE 360 HORRSEPOWER 1150 TORQUE	$ 1,580.00
REAR AXLE WITH PUMP & DRIVER CONTROLLED DIFF-LOCK (Both Axles)	$1,614.00
POWER Windows and Locks	$367.00
POWER MIRRORS w/Bright Finish Heads & Alum. Arms in-leau-of Manual Adjust Black Heads & Arms	$240.00
STAINLESS STEEL FUEL TANK STRAPS in-leau-of Steel Straps	$260.00
ROUND FUEL TANK in-leau-of “D” Style Tank	$ 95.00
HEATED WINDSHIELD	$ 667.00
COWL TRAY FOR HEATED WINSHIELD	$ 200.00
ALUMINUM (Bustin) CAB ENTRY STEPS in-leau-of Steel Black Powder Coat Paint - 2 per Side	$625.00
FRONT FENDER EXTENSIONS for Larger Front Tires/ Wheels	$125.00

** Required by Monroe Truck Equipment

Required options to match Freightliner proposal - $3,340

Attachment: International Tandem-Axle Chassis Proposal - State Contract (Purchase Two Heavy Duty Haul Trucks)

J.O. #

1051 W 7th Street
Monroe, WI 53566
Sales Rep: Steve Szymczak
Ph: (312) 257-7499
www.MonroeTruck.com

Quotation ID: 9TRR00252
Date: 2/14/202
Valid thru: 3/16/202
Terms: NET 3
Quoted by: Tim Reynolc
Ph/Fax: 608-329-8383 / 608-329-852

Quoted to:
PALATINE, VILLAGE OF (ATTN: KAREN FITZGERALD AP)
148 W ILLINOIS
PALATINE, IL 60067
Ph: 847-202-6900 **/ Fax:** 847-358-4242
Email:

Chassis Information

Year: 2022	*Make:*		*Model:*		*Chassis Color:* RED L5994EY	*Cab Type:*
Single/Dual: DRW	*CA:* 108.0	*CT:*	*Wheelbase:*	*Engine:* DIESEL	*F.O. Number #:*	*Vin:*

Notes:

Monroe Truck Equipment, Inc. is pleased to offer the following quote for your review:

Description	Amount

** CHASSIS TO HAVE FACTORY UPFITTER SWITCHES AND TRANS DIPSTICK ON RT SIDE **
** BATTERY BOX MUST BE LOCATED UNDER THE CAB OR IN THE CAB **
** AIR DRYER MUST BE LOCATED INBOARD FRAME RAIL BEHIND CAB **
** AIR TANKS MUST BE INBOARD FRAME RAIL **
** MUST HAVE 21" GROUND CLEARANCE UNOBSTRUCTED UNDER FRAME **
** MUST HAVE 24" GROUND CLEARANCE UNOBSTRUCTED OUTSIDE OF FRAME **

DUMP BODY - 10', 5-7 YARD CAPACITY, CRYSTEEL GLADIATOR
- SIDES: 26", 7GA MILD STEEL
- FRONT: 36", 7GA MILD STEEL
- REAR : 36", 7GA MILD STEEL
- FLOOR: 1/4" AR450 9" RADIUS
- WESTERN UNDERSTRUCTURE
- CAB SHIELD
- (1) SPRING LOADED SHOVEL HOLDERS, (1) EACH SIDE
- MANUAL RELEASE TAILGATE
- COAL CHUTE LOCATED CENTER OF TAILGATE
- 3/8" X 1 1/2" FLAT WALK RAIL BOTH SIDES
- SLIDE-OUT LADDER & GRAB HANDLE ON RIGHT SIDE OF BODY
- REFLECTIVE TAPE ACROSS THE BACK OF THE CAB AND SIDES OF BODY
- WHITE SOUND, 92 DB BACK UP ALARM
- RECESSED LED S/T/T AND BACKUP LIGHTS WITH SEALED WIRE HARNESS
- RUBBER REAR FLAPS BEHIND AND IN FRONT OF REAR TIRES
- UNDERBODY CROSSMEMBER ASSEMBLY
* SUPPLY AND INSTALL SPILL SHIELD AT THE BACK OF BODY
- PAINTED ONE COLOR, SINGLE STAGE RED

CRYSTEEL RC750 SUBFRAME HOIST
- 17.2 TON CAPACITY
- 2000 P.S.I.
- FULLY GREASABLE HINGE AND ROLLERS
- DOUBLE ACTING

PINTLE MOUNT; 1" PLATE W/ 3/4" D-RINGS
- PH-15 RIGID MOUNT PINTLE HOOK (4 BOLT, 15 TON)
- DRAW-TITE ELECTRIC BRAKE CONTROL
- 7 WAY RV STYLE TRAILER PLUG
- TRUCK LITE LED 3-BAR

LIGHTS - WHELEN, JUSTICE SUPER LED ILL STROBE SYSTEMS, 72"LIGHT BAR
- 72" JUSTICE LED LIGHT BAR MOUNTED ON ROOF
- LED S/T/T MOUNTED IN REAR POST, PINTLE PLATE AND ON TOP OF CAB SHIELD
- LED BACK UP LIGHT MOUNTED IN REAR CORNER POST
- 2 AMBER AND 1 CLEAR STROBE INSTALLED OUTSIDE THE CORNER POST ON EACH SIDE
- 2-YEAR WARRANTY

Attachment: Monroe Single-Axle Outfitting Quote (Purchase Two Heavy Duty Haul Trucks)

Description	Amount

MONROE BEHIND THE CAB FRAME MOUNTED LIQUID DISPENSING SYSTEM
- 120 GALLON POLY TANK
- HYDRAULIC 4 GPM MOTOR/PUMP COMBINATION
- 204 STAINLESS MOUNTING HARDWARE
- BULK FILL KIT, 2"
- FLUSH KIT

ELECTRIC HYDRAULICS PACKAGE
- HOT SHIFT PTO
- TXV92 PUMP
- D/A HOIST W/500 PSI DOWNSIDE RELIEF, 40GPM
- D/A PLOW, 20 GPM
- D/A PLOW ANGLE, 20 GPM
- D/A SCRAPER CURL, 20 GPM, W/500 PSI DOWNSIDE RELIEF
- AUGER 14GPM
- SPINNER 7 GPM
- 30 GALLON CAPACITY STAINLESS HYDRAULIC RESERVOIR WITH INTERNAL FILTER
- FILLER/BREATHER CAP, LEVEL/TEMP SIGHT GLASS, 3/4" MAGNETIC PLUG,
- 60 P.S.I. CONDITION INDICATOR
- STAINLESS ENCLOSURE WITH WEATHER TIGHT COVER
- HYDRAULIC ENCLOSURE WILL BE MOUNTED ON FRAME RAIL
- FORCE 5100EX GROUND BASED SPREADER CONTROL W/ 3 JOYSTICK ULTRA
* FLOOR MOUNT STAND FOR ULTRA CONTROL *

MONROE QUICK LINK HITCH - FOLD FLAT LIFT ARM
- 4" X 10" DOUBLE-ACTING
- PLOW LIGHT BRACKET MOUNTED TO FACTORY MIRROR BRACKET ON FENDER
- PLOW LIGHTS; ABL; COMPOSITE HOUSING; BLACK
(REQUIRES MINIMUM OF 18" FRONT FRAME EXTENSION)

11' MONROE TORSION TRIP EDGE REVERSIBLE PLOW
- 10 GAUGE ROLL FORMED MOLDBOARD
- (6) 1/2" X 4" TAPERED ONE-PIECE FLAME CUT RIBS
- 2" X 3" X 3/8" TOP ANGLE
- 4" X 4" X 3/4" BOTTOM ANGLE
- (6) NON- ADJUSTABLE 3/4" TORSION SPRING ASSEMBLIES FOR A 3-SECTION TRIP EDGE
- 5/8" X 6" THREE-PIECE TOP PUNCH CUTTING EDGE
- 4" X 4" X 3/8" CROSS-TUBE SUPPORT
- 3-1/2" X 3-1/2" X 1/2" SEMI-CIRCLE
- (2) 3" X 10" DOUBLE ACTING REVERSE CYLINDERS WITH CUSHION VALVE
- BUILT-IN MONROE LEVEL LIFT ASSEMBLY
- MOLDBOARD AND PUSHFRAME TO BE 100% CONTINUOUSLY WELDED
- MOLDBOARD POWDER COATED ORANGE
- PUSH FRAME POWDER COATED BLACK
- (2) WRAP-AROUND CURB GUARDS (ONE PER SIDE)
- 42" ORANGE CABLE MARKERS (INSTALLED)
- QUICK LINK SWIVEL PLATE, PLOW PORTION; 100#
- PAIR OF 3" X 8" STEEL WHEELS W/ SCREW ADJUSTABLE JACK ASSEMBLIES; 160#
- 11' RUBBER SNOW DEFLECTOR, 12", S/I INSTALLED
- MAIL BOX TRIM (RIGHT SIDE)

MONROE 10' MF-5 MODEL FIXED ANGLE UNDERBODY SCRAPER
- 1" X 20" MOLDBOARD
- SINGLE SHOCK ABSORBER
- (1) 3" ACTUATING CYLINDER
- FIXED ANGLE MOLDBOARD IN RIGHT OR LEFT-HAND POSITION
- 400 PSI CUSHION VALVE
- 1 9/16" HINGE SHAFTS
- MOUNTING SET SCREWS TO FACE OUTWARD
- HINGED ANCHOR PLATES
- (2) WRAP-AROUND CURB GUARDS (ONE MOUNTED ON EACH SIDE)
- CUT CORNER OFF RIGHT SIDE OF SCRAPER
- STD CUTTING EDGE
- CLEAR WORK LIGHT (TRUCK-LITE)
* AUTO REVERSE LIFT
- POWDER COATED BLACK

Description	Amount
MONROE UNDER-TAILGATE SPREADER, 96" WIDE, DIRECT DRIVE - 7 GA. TROUGH - 1/4" END PLATES - FULL OPENING TOP AND BOTTOM CLEAN-OUT DOORS - 6" AUGER DIAMETER - QUICK DETACH MOUNTING BRACKETS - BUILT IN EXTENDED SIDE SHIELDS FOR SPREADER (NO INTERNAL) - BARE STAINLESS STEEL (NOT PAINTED) - SPINNER; LH STAINLESS STEEL FRAME W/ POLY DISC, SELF LEVELING W/O RODS - CLEAR WORK LIGHT (TRUCK-LITE) - SPRAY BAR KIT; 3/4" STAINLESS STEEL TUBE INSIDE AUGER TROUGH - INSTALLED	

Quote Total: $107,351.00

***Due to current market conditions, pricing is subject to change at time of upfit.*

Additional Options:

Description	Amount	Add to quot
		Yes /

Terms & Conditions

- Terms are Due Upon Receipt unless prior credit arrangements are made at the time of order.
- Please note if chassis is furnished, it is as a convenience and terms are Net Due on Receipt of Chassis.
- State and Federal taxes will be added where applicable. **Out-of-state municipal entities may be subject to Wisconsin sales tax.**
- Restocking fees may be applicable for cancelled orders.
- MTE is not responsible or liable for equipment that does not meet local/state regulations if those laws are not made known at time of order.

By signing and accepting this quote, the customer agrees to the terms listed above and has confirmed that all chassis information listed above is accurate to chassis specs.

Re-Assign (Required for all pool units):	☐ Fleet	☐ Retail	**Customer P.O. Number:**	**Dealer Code:**	**Sourcewell Member Number:**
MSO/MCO (ONLY check if legally required):	☐ MCO	☐ MSO			
Customer Signature:				**Date of Acceptance:**	

Attachment: Monroe Single-Axle Outfitting Quote (Purchase Two Heavy Duty Haul Trucks)

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Sourcewell Formerly NJPA
Awarded Contract
080818-BNL

Quote

Order Number: 0158383
Order Date: 2/28/2022

Delivery Ticket only do not remit from the Sales Order. Invoice will arrive in the mail.

Single -Axle for Comparison Only

Bill To: 0005201
VILLAGE OF PALATINE
148 W ILLINOIS AVE
PALATINE, IL 60067-6816

Ship To:
VILLAGE OF PALATINE
148 W ILLINOIS AVE
PALATINE, IL 60067-6816

Phone: (847) 202-6978 Fax: (847) 358-4242 pwinvoices@palatine.il.us
Confirm To: JIM KEATS
Comment: SINGLE AXLE

Phone:
Fax:

Customer P.O.	Ship VIA	F.O.B.	Terms
			Net 30 Days

Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**TRUCK PACKAGE**		125,504.29	125,504.

APPLICATION: ONE NEW UNKNOWN SINGLE AXLE CLASS 7 SNOW AND ICE TRUCK WITH A 108" CAB TO AXLE MEASUREMENT. AUTOMATIC TRANSMISSION WITH LIVE PTO PROVISIONS, FACTORY SNOW PLOW PREP PACKAGE, FACTORY GROUND SPEED CONNECTION POINT.
FACTORY FRAME EXTENSIONS ARE REQUIRED.

INCLUDES INSTALLATION OF THE FOLLOWING EQUIPMENT:

- DUMP BODY
- CAB SHIELD INSTALLED ON BODY
- HYDRAULIC SYSTEM
- ELECTRICAL & LIGHTING
- CONSOLE AND CONTROLS
- REAR TOWING HITCH
- PLOW HITCH
- SNOW PLOW
- FIXED UNDER BODY SCRAPER
- UNDER TAILGATE SPEADER
- PREWET SYSTEM, (MOUNTED BEHIND CAB)

THE FOLLOWING ADDTIONAL ITEMS ARE INCLUDED:

- FRAME COATING, (BLACK PPG AMERSHIELD PAINT)

INSTALLED EQUIPMENT DETAILS ARE LISTED BELOW:

1.00 EACH **/PRODUCTS SURCHARGE**
SC.120.31

BASE TRUCK PACKAGE SURCHARGE

1.00 EACH **DUMP BODY**

- DURACLASS 10'-0" HI-TEN CARBON STEEL DUMP BODY
- CROSSMEMBERLESS
- DOUBLE ACTING UNDER BODY HOIST
- FORMED LONGSILLS OF 3/16" COR-TEN STEEL
- 1/4" AR450 ABRASION RESISTANT FLOOR
- 28" 3/16" HI-TEN SIDES-(ONE HORIZONTAL BRACE)
- 38" 3/16" HI-TEN FRONT
- 38" 3/16" HI-TEN VERTICAL TAILGATE-(TWO VERTICAL BRACES)
- COR-TEN CORNER POST
- MANUAL OPERATED TAILGATE LATCH

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Phone:
Fax:

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		- GREASABLE TAILGATE LINKAGE INCLUDING UPPER HINGE - STAINLESS STEEL TAILGATE LATCH LINKAGE - ONE COAL DOOR CENTERED INSTALLED - LABOR TO INSTALL CUSTOM CAB SHIELD - 2 RUNG UNDERBODY LADDER INSTALLED - TWO SHOVEL HOLDERS-1 PER SIDE INSTALLED - RIGID REAR RUBBER MUD FLAPS INSTALLED - RUBBER FRONT MUD FLAPS INSTALLED - (2) OBLONG LIGHT HOLE CUTOUTS IN EACH CORNER POST - TRIPLE FLASHER BRACKET MOUNTED OUTSIDE OF CORNER POST - CONDUIT FOR WIRING CAB SHIELD LIGHTS - 2" WIDE GRIP STRUT SIDE RAIL INSTALLED - PREPPED FOR NEW TAILGATE SPREADER - INTEGRAL T-GATE SHIELDS & HARDWARE FOR T-GATE PROPS - 9" WIDE STAINLESS SPILL PAN INSTALLED - BODY TOP BE PAINTED SINGLE STAGE ONE COLOR - BODY PAINTED TO MATCH CAB			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		DUMP BODY SURCHARGE			
1.00	EACH	**CAB SHIELD**			
		. CONFIGURED AS FOLLOWS: *MATERIAL IS TO BE 201 STAINLESS STEEL. *PAN WIDTH- 18". *WIDTH- DETERMINED. *HEIGHT TO BE DETERMINED TO BOTTOM OF PAN. *DOUBLE 600 SERIES OR M6 LIGHT BRACKETS. *BLASTED, PRIMED, AND PAINTED. *COLOR- SINGLE STAGE ONE COLOR. **LIGHTING CODE: 11311			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		CAB SHIELD SURCHARGE			
1.00	EACH	**HYDRAULIC SYSTEM**			
		- PTO: CHELSEA 890 SERIES - PUMP: TXV92 - ADD-A-FOLD HYDRAULIC VALVE TO OPERATE:			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		HOIST, PLOW, SCRAPER, PREWET, AUGER, SPINNER - "FORCE" ULTRA CONTROL ARM - "FORCE" 6100 GEN5 SPREADER CONTROLLER - "FORCE" VT35 LOW PROFILE STAINLESS STEEL TANK AND LID - LOW OIL/HIGH TEMP AUTO SHUTDOWN SYSTEM - EATON HP171 SERIES WITH SENSOR HIGH PRESSURE FILTER - CLOSED LOOP PREWET CABLE - CLOSED LOOP GRANULAR SENSOR - BONNELL CONSOLE FOR ULTRA CONTROLLER ARM			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		HYDRAULICS SURCHARGE			
1.00	EACH	**ELECTRICAL**			
		- ALL LED LIGHTING UNLESS OTHERWISE NOTED - BONNELL IGNITION ACTIVATED BATTERY RELAY DISCONNECT SYSTEM - BODY UP SWITCH WITH INDICATOR LAMP - BONNELL WIRE HARNESSES - ELECTRIC BRAKE CONTROLLER INSTALLED CAB ROOF LIGHTING AND ACCESSORIES - WHELEN 17M IDOT LIGHT BAR AS FOLLOWS: * FOUR CORNER FLASHERS * TWO FRONT FACING FLASHERS * 2 FRONT FACING SCENE LIGHTS PLOW LIGHTING - ABL-3830-0080 LED PLOW LIGHTS ON STAINLESS STEEL GRILL MOUNTED BRACKETS BODY LIGHTING - ONE PAIR OBROUND STT IN REAR POSTS - ONE PAIR OBLONG BACKUP LIGHTS IN REAR POSTS - ONE AMBER/WHITE/AMBER FLASHER MOUNTED IN A STAINLESS HOUSING ON OUTSIDE OF EACH CORNER POST - MARKER LIGHTS PER FMVSS STANDARDS REAR HITCH AND CHASSIS LIGHTING			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		- ONE PAIR WHELEN 60BTT STT LIGHTS ON REAR HITCH - PM-290C LICENSE PLATE LIGHT ON REAR HITCH - ICC THREE LIGHT CLUSTER ON REAR HINGE OF BODY - VEL-697112 BACK UP ALARM ON REAR HITCH OR FRAME EQUIPMENT WORK LIGHTS AND FLASHERS - ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER - ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD - BOTH LIGHTS ON SAME SWITCH - ONE ABL SCRAPER WORK LIGHT MOUNTED TO CHASSIS			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		ELECTRICAL SURCHARGE			
1.00	EACH	**REAR HITCH** - REAR HITCH TYPE: CUSTOM REAR HITCH PER BELOW - 3/4" CARBON STEEL PLATE - STD PINTLE MTG HEIGHT - 2.5" RECEIVER TUBE WITH PH20 ON 2.5" MULTI-HOLE INSERT - TRAILER PLUG: 7 FLAT PIN RV STYLE - CUTOUTS FOR 600 SERIES REAR LIGHTS - 5/8" CARBON STEEL D-RINGS			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		REAR HITCH SURCHARGE			
1.00	EACH	**PLOW HITCH** PLOW HITCH FOR A FREIGHTLINER 108SD INSTALLED ON NEW TRUCK PACKAGE			
1.00	EACH	**HFF-QLX** Heavy Front Frame Side Plate Hitch with QLX Front Frameand and Offset Lift Arm. (QL2 Quick Link Receiver built into Lower section)			
1.00	EACH	**H10170** 4in X 10in Double Acting Cylinder W/Nitrided Rod			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**H10190** Telescopic Lift Arm in Lieu of Rigid Lift Arm			
1.00	EACH	**H10300** IDOT Grill mounted Light Brackets			
1.00	EACH	**H10415** Cross Over Relief Valve Bracket Only (no valve)			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		PLOW HITCH SURCHARGE			
1.00	EACH	**PLOW** CONFIGURED AS FOLLOWS: YES PAINTED: ORANGE POLYURETHANE ENAMEL NO EXTRA RIBS EXTRA RIBS			
1.00	EACH	**11ST42TT7** Base Model 11ST42TT7 Straight Steel Snow Plow 11'-0" Cutting Edge X 42" Straight Height Torsion Trip Cutting Edge (4) 3/4" Round Wire Trip Springs Metropolitan Table/A-Frame Assembly (2) 3X10 Reversing Cylinders (5) Table To Moldboard Hookup Points			
1.00	EACH	**P10130** Level Raise Lift System with Lift Chains for High Country Plows (MX1 & MC1)			
1.00	EACH	**P10260** QL-Quick Link swivel bar (plow section installed) (Flink Style and Penn Dot)			
1.00	EACH	**P10340** 10" Kingpinless steel casters (Set of 2 installed)			
1.00	EACH	**P10400**			

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Comment: SINGLE AXLE

Phone:
Fax:

Customer P.O.	Ship VIA	F.O.B.	Terms
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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		3/4" Bottom Angle (ILO Standard)-Moldboard Weldment Angle			
1.00	EACH	**P10401** 3/4" Bottom Angle (ILO Standard) Trip Edge Angle (for trip edge plows)			
1.00	EACH	**P10410** Cove cut on on curb side end of moldboard			
1.00	EACH	**P10425** 3/8" x 12" Rubber flap kit installed			
1.00	EACH	**P10446** Three trip sections on Torsion Trip plows (in lieu of standard single section)			
1.00	EACH	**P10470** 36" Blaze orange markers			
1.00	EACH	**P10500** Standard 5/8" x 6" C1084 Steel Cutting Edge			
1.00	EACH	**P10531** 3/4" x 6" Universal curb shoe (Installed on right end of plow)			
1.00	EACH	**P10532** 3/4" x 6" Universal curb shoe (Installed on left end of plow)			
1.00	EACH	**P10555** 1/2" Quick Couplers installed (one set/per plow) pioneer PHD-4000-4			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		PLOW SURCHARGE			
1.00	EACH	**SCRAPER**			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**UBS120-FPD**			
Location: 760		10' UNDERBODY SCRAPER FIXED ONE-WAY, POWER DOWN MOLDBOARD IS 5/8" THICK X 20" TALL X 10" LONG SCRAPER HAS (1)-3" X 10" WITH A 7/8" X 6" X 18-1/2" CUSHION SPRING SCRAPER MAY BE FIX MOUNTED FROM 35-45 DEGREES AND DISCHARGE TO THE RIGHT OR LEFT UNITS ARE SAND BLASTED, PRIMED AND PAINTED WITH BLACK POLYURETHANE PAINT NO HOSES OR RELIEF VALVE INCLUDED			
1.00	EACH	**S10100** Carbide cutting edges installed in lieu of standard 3/4" x 6" CSB edges. (price is per foot)			
1.00	EACH	**S10120** 5/8" x 6" Carbide Bullnose Curb shoes installed. (Price is per pair)			
1.00	EACH	**/PRODUCTS SURCHARGE** **SCRAPER SURCHARGE**			
1.00	EACH	**UT SPREADER** - UNDER TAILGATE SPREADER CONFIGURED AS FOLLOWS:			
1.00	EACH	**U696-DD-S2** Under Tailgate Spreader 6" Auger X 4" Pitch X 96" Overall length Direct Drive Motor with 22.6 CI displacement 201 Stainless Steel Includes Mounting Kit and Tailgate Shields Unpainted unless Otherwise Specified			
1.00	EACH	**U10100** Single Drop Port 24in From Left End Of The Spreader. Standard On A 6in Spreader. Reverse Flighted Auger			
1.00	EACH	**U10200** Single Spinner Assembly Mounted At Standard Drop Port. (Standard On All Spreaders).			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		18" Poly Spinner with 2.8 Cubic Inch Spinner Motor			
1.00	EACH	**U10369**			
		Custom Tailgate Prop/Shield Combo Installed. (Must have dump body to build and install these)			
1.00	EACH	**U10390**			
		72" Spray Bar Installed In Spreader Body			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		UNDER TAILGATE SPREADER SURCHARGE			
1.00	EACH	**PREWET SYSTEM**			
		BONNELL CONFIGURED PREWET SYSTEM - PREWET SYSTEM CONFIGURED AS FOLLOWS:			
1.00	EACH	**BC-120P-1-150**			
		Behind the Cab Prewet System with one 120 Gallon Poly Tank, Stainless Steel Tank Brackets, and 1-1/2in Plumbing.			
1.00	EACH	**L10120**			
		Hydraulic Prewet Pump in a Stainless Enclosure to Operate a Closed Loop System. Includes an IP68 Wire Connection for Feedback Signal.			
1.00	EACH	**L10315**			
		2in Male Quick Fill Kit Installed.			
1.00	EACH	**L10327**			
		Automatic 3-Way Valve in lieu of in line check valve. (Used on 6100 controllers only) Installed.			
1.00	EACH	**L10355**			
		Flush Kit. (Includes small poly flush tank) Installed.			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		PREWET SYSTEM SURCHARGE			

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15% RESTOCKING FEE ON RETURNED ITEMS

NO RETURNS ON ELECTRICAL ITEMS

BS1

Net Order:	125,504.
Less Discount:	0.
Freight:	0.
Sales Tax:	0.
Order Total:	125,504.
Less Deposit:	0.00
Order Balance:	125,504.29

Please Pay From Invoice
1-1/2% Per Month (18% Annual Rate) Finance Charge Will Be Added to Past Due Accounts

Salesperson: 0009 Joey Bonnell

J.O. #

1051 W 7th Street
Monroe, WI 53566
Sales Rep: Steve Szymczak
Ph: (312) 257-7499
www.MonroeTruck.com

Quotation ID: 9TRR00252°
Date: 2/14/202
Valid thru: 3/16/202
Terms: NET 3
Quoted by: Tim Reynolc
Ph/Fax: 608-329-8383 / 608-329-852

Quoted to:
PALATINE, VILLAGE OF (ATTN:)
148 W ILLINOIS
PALATINE, IL 60067
Ph: 847-202-6900 **/ Fax:** 847-358-4242
Email:

Chassis Information

Year: *2023*	***Make:***		***Model:***		***Chassis Color:*** *RED*	***Cab Type:***
Single/Dual: *DRW*	***CA:***	***CT:*** *116.0*	***Wheelbase:***	***Engine:*** *DIESEL*	***F.O. Number #:***	***Vin:***

Notes:

Monroe Truck Equipment, Inc. is pleased to offer the following quote for your review:

Description	Amount

DUMP BODY - 14', 13 YARD CAPACITY, CRYSTEEL
- SIDES: 34", 7GA MILD STEEL
- FRONT: 46", 7GA MILD STEL
- REAR : 44", 7GA
- FLOOR: 1/4" AR450, 9" RADIUS
- WESTERN UNDERSTRUCTURE
- 3/8" X 1 1/2" FLAT WALK RAIL BOTH SIDES
- FOLD OUT LADDER AND GRAB HANDLE RIGHT SIDE OF BODY
- CAB SHIELD, 100% WELDED
- DC3200 COUGAR VIBRATOR
- SPILL TRAY, BOLT ON WITH USE OF QD BRACKETS
- SS SPRING LOADED SHOVEL HOLDER
- COAL CHUTE, IN REAR TAILGATE
- WELD TAILGATE LINKAGE ROD 100%
- REFLECTIVE TAPE ACROSS THE BACK OF THE CAB AND SIDES OF BODY
- SELF ADUSTABLE 87-107 DB BACKUP ALARM
- RECESSED LED S/T/T AND BACKUP LIGHTS WITH SEALED WIRE HARNESS
- NO 3 BAR IN REAR OF APRON
- RUBBER REAR FLAPS
- RUBBER SPLASH GUARDS IN FRONT OF REAR WHEELS, ANTI SALE
- PAINTED ONE COLOR

CRYSTEEL M63138 MARATHON INVERTED TELESCOPIC HOIST
- 32 TON CAPACITY
- 2000 P.S.I.
- DOUBLE ACTING

PINTLE MOUNT; 3/4" PLATE WITH 3/4" D-RINGS (NO HITCH)
- PLATE BETWEEN FRAME RAILS ONLY
- TRUCK LITE LED 3-BAR

LIGHTS - WHELEN, JUSTICE SUPER LED ILL STROBE SYSTEMS, 72"LIGHT BAR
- 72" JUSTICE LED LIGHT BAR MOUNTED ON ROOF
- LED S/T/T MOUNTED IN REAR POST, PINTLE PLATE AND ON TOP OF CAB SHIELD
- LED BACK UP LIGHT MOUNTED IN REAR CORNER POST
- 2 AMBER AND 1 CLEAR STROBE INSTALLED OUTSIDE THE CORNER POST ON EACH SIDE
- 2-YEAR WARRANTY

ELECTRIC HYDRAULICS PACKAGE
- HOT SHIFT PTO
- TXV92 PUMP
- D/A HOIST W/500 PSI DOWNSIDE RELIEF, 40GPM
- D/A PLOW, 20 GPM
- D/A PLOW ANGLE, 20 GPM
- D/A SCRAPER CURL, 20 GPM, W/500 PSI DOWNSIDE RELIEF

Attachment: Monroe Tandem-Axle Outfitting Quote (Purchase Two Heavy Duty Haul Trucks)

Description	Amount

- D/A SCRAPER ANGLE, 20 GPM
- AUGER 14GPM
- SPINNER 7 GPM
- 30 GALLON CAPACITY STAINLESS HYDRAULIC RESERVOIR WITH INTERNAL FILTER
- FILLER/BREATHER CAP, LEVEL/TEMP SIGHT GLASS, 3/4" MAGNETIC PLUG,
- 60 P.S.I. CONDITION INDICATOR
- STAINLESS ENCLOSURE WITH WEATHER TIGHT COVER
- HYDRAULIC ENCLOSURE WILL BE MOUNTED ON FRAME RAIL
- FORCE 5100EX GROUND BASED SPREADER CONTROL W/ 3 JOYSTICK ULTRA

TRUCK PORTION - QUICK LINK HITCH W/ FLAT FOLD
- PF91-QL1 FOLD FLAT LIFT ARM
- CHEEK PLATES
- 4" X 10" DOUBLE ACTING LIFT CYLINDER
- S.S. PLOW LIGHT BRACKETS
- ABL HALOGEN PLOW LIGHTS

(REQUIRES MINIMUM OF 18" FRONT FRAME EXTENSION)

MONROE TORSION TRIP EDGE REVERSIBLE PLOW
- 44" HIGH X 11' LENGTH TORSION TRIP EDGE WITH INTEGRAL SHIELD
- 10 GAUGE ROLL FORM MOLDBOARD
- (6) 1/2" X 4" TAPERED ONE-PIECE FLAME CUT RIBS
- 2" X 3" X 3/8" TOP ANGLE
- 4" X 4" X 1/2" UPPER BOTTOM ANGLE
- (6) NON-ADJUSTABLE 3/4" TORSION SPRING ASSEMBLIES FOR A THREE-SECTION TRIP EDGE
- 5/8" X 6" THREE-PIECE TOP PUNCH CUTTING EDGE
- 4" X 4" X 3/8" CROSS-TUBE SUPPORT
- 3-1/2" X 3-1/2" X 1/2" SEMI-CIRCLE
- (2) 3" X 10" DOUBLE ACTING REVERSE CYLINDERS WITH CUSHION VALVE
- BUILT-IN MONROE LEVEL LIFT ASSEMBLY
- MOLDBOARD AND PUSHFRAME TO BE 100% CONTINUOUSLY WELDED
- MOLDBOARD POWDER COATED ORANGE - PUSH FRAME POWDER COATED BLACK
- QUICK LINK SWIVEL PLATE

INCLUDED OPTIONS
- CABLE MARKERS
- MAILBOX TRIM ON CURB SIDE
- CURB SHOES BOTH SIDES
- 3" X 8" STEEL WHEELS
- RUBBER SNOW DEFLECTOR

MONROE UNDER-TAILGATE, DIRECT DRIVE SPREADER (MS966-RF-DD)
- 201 STAINLESS STEEL
- 6" DIA. AUGER W/ REVERSE FLIGHTING FOR LEFT OF CENTER DISCHARGE
- 7 GA., 96" TROUGH W/ 1/4" END PLATES
- ONE-PIECE, REMOVABLE & HINGED, COMBINATION COVER & REAR PANEL
- HEAVY-DUTY, STEEL ROD, CAPTIVE LATCHES
- QUICK DETACH MOUNTING BRACKETS
- TAILGATE SHIELDS AND EXTENDED SIDE SHIELDS
- FREE HANGING SPINNER ASSY

10’ MONROE MF-5 FIXED ANGLE UNDERBODY SCRAPER
- 1" THICK X 20" HIGH MOLDBOARD IN RIGHT OR LEFT-HAND POSITION
- STD CUTTING EDGE
- SINGLE SHOCK ABSORBER
- (1) 3" X 11.5” ACTUATING CYLINDER
- CUT CORNER OFF RIGHT SIDE OF SCRAPER
- POWDER COATED BLACK

PLEASE NOTE:
* BATTERY BOX MUST BE MOUNTED UNDER THE CAB
* AIR DRYER MUST BE LOCATED INBOARD FRAME RAIL BEHIND CAB
* AIR TANKS MUST BE INBOARD FRMAE RAIL
* MUST HAVE 21" GROUND CLEARANCE UNOBSTRUCTED UNDER FRAME
* MUST HAVE 24" GROUND CLEARNACE UNOBSTRUCTED OUTSIDE OF FRAME

Quote Total: $107,658.00

***Due to current market conditions, pricing is subject to change at time of upfit.*

Additional Options:

Description	Amount	Add to quot
		Yes /

Terms & Conditions

- Terms are Due Upon Receipt unless prior credit arrangements are made at the time of order.
- Please note if chassis is furnished, it is as a convenience and terms are Net Due on Receipt of Chassis.
- State and Federal taxes will be added where applicable. **Out-of-state municipal entities may be subject to Wisconsin sales tax.**
- Restocking fees may be applicable for cancelled orders.
- MTE is not responsible or liable for equipment that does not meet local/state regulations if those laws are not made known at time of order.

By signing and accepting this quote, the customer agrees to the terms listed above and has confirmed that all chassis information listed above is accurate to chassis specs.

Re-Assign (Required for all pool units):	☐ Fleet	☐ Retail	**Customer P.O. Number:**	**Dealer Code:**	**Sourcewell Member Number:**
MSO/MCO (ONLY check if legally required):	☐ MCO	☐ MSO			
Customer Signature:				**Date of Acceptance:**	

BONNELL INDUSTRIES INC
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Sourcewell Formerly NJPA
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080818-BNL

Quote

Order Number: 0158392
Order Date: 2/28/2022

Delivery Ticket only do not remit from the Sales Order. Invoice will arrive in the mail.

Tandem-Axle for Comparison Only

Bill To: 0005201
VILLAGE OF PALATINE
148 W ILLINOIS AVE
PALATINE, IL 60067-6816

Ship To:
VILLAGE OF PALATINE
148 W ILLINOIS AVE
PALATINE, IL 60067-6816

Phone: (847) 202-6978 Fax: (847) 358-4242 pwinvoices@palatine.il.us
Confirm To: JIM KEATS
Comment: TANDEM AXLE

Phone:
Fax:

Customer P.O.	Ship VIA	F.O.B.	Terms
			Net 30 Days

Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**TRUCK PACKAGE**		124,170.54	124,170.

APPLICATION: ONE NEW FREIGHTLINER 108SD TANDEM CLASS 8 SNOW AND ICE TRUCK WITH A 108" CAB TO TRUNNION MEASUREMENT. AUTOMATIC TRANSMISSION WITH LIVE PTO PROVISIONS, FACTORY SNOW PLOW PREP PACKAGE, FACTORY GROUND SPEED CONNECTION POINT.
FACTORY FRAME EXTENSIONS ARE RECOMMENDED BUT NOT REQUIRED.

INCLUDES INSTALLATION OF THE FOLLOWING EQUIPMENT:

- DUMP BODY
- CAB SHIELD INSTALLED ON BODY
- HYDRAULIC SYSTEM
- ELECTRICAL & LIGHTING
- CONSOLE AND CONTROLS
- REAR TOWING HITCH
- PLOW HITCH
- SNOW PLOW
- UNDER TAILGATE SPEADER

THE FOLLOWING ADDTIONAL ITEMS ARE INCLUDED:

- VIBRATOR INSTALLED (NEW VIBRATOR)
- FRAME COATING, (BLACK PPG AMERSHIELD PAINT)
- CONSPICUITY TAPE AS SPECIFIED, 2" WIDE RED/WHITE.

INSTALLED EQUIPMENT DETAILS ARE LISTED BELOW:

1.00 EACH **/PRODUCTS SURCHARGE**
SC.94.36

BASE TRUCK PACKAGE SURCHARGE

1.00 EACH **DUMP BODY**

- DURACLASS 14'-0" HI-TEN CARBON STEEL DUMP BODY
- CROSSMEMBERLESS
- DOUBLE ACTING INV TRUNNION HEADLIFT HOIST
- 10" I-BEAM LONGSILLS OF CARBON STEEL
- 1/4" AR450 ABRASION RESISTANT FLOOR
- 34" 3/16" HI-TEN SIDES-(ONE HORIZONTAL BRACE)
- 56" 3/16" HI-TEN FRONT
- 44" 3/16" HI-TEN VERTICAL TAILGATE-(TWO VERTICAL BRACES)
- COR-TEN CORNER POST

Attachment: Bonnell Tandem-Axle Outfitting Quote (Purchase Two Heavy Duty Haul Trucks)

6.C.1.B.j

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Confirm To: JIM KEATS Comment: TANDEM AXLE

Phone:
Fax:

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		- ELECTRIC OVER AIR T-GATE LATCH - GREASABLE TAILGATE LINKAGE INCLUDING UPPER HINGE - STAINLESS STEEL TAILGATE LATCH LINKAGE - ONE COAL DOOR CENTERED INSTALLED - LABOR TO INSTALL CUSTOM CAB SHIELD - 2 RUNG UNDERBODY LADDER INSTALLED - TWO SHOVEL HOLDERS-1 PER SIDE INSTALLED - RIGID REAR RUBBER MUD FLAPS INSTALLED - RUBBER FRONT MUD FLAPS INSTALLED - (2) OBLONG LIGHT HOLE CUTOUTS IN EACH CORNER POST - TRIPLE FLASHER BRACKET MOUNTED OUTSIDE OF CORNER POST - CONDUIT FOR WIRING CAB SHIELD LIGHTS - 2" WIDE GRIP STRUT SIDE RAIL INSTALLED - PREPPED FOR NEW TAILGATE SPREADER - INTEGRAL T-GATE SHIELDS & HARDWARE FOR T-GATE PROPS - 9" WIDE STAINLESS SPILL PAN INSTALLED - VIBRATOR INSTALLED - BODY TOP BE PAINTED SINGLE STAGE ONE COLOR - BODY PAINTED TO MATCH CAB			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.693.19			
		DUMP BODY SURCHARGE			
1.00	EACH	**CAB SHIELD** . CONFIGURED AS FOLLOWS: *MATERIAL IS TO BE 201 STAINLESS STEEL. *PAN WIDTH- 18". *WIDTH- DETERMINED. *HEIGHT TO BE DETERMINED TO BOTTOM OF PAN. *DOUBLE 600 SERIES OR M6 LIGHT BRACKETS. *BLASTED, PRIMED, AND PAINTED. *COLOR- SINGLE STAGE ONE COLOR. **LIGHTING CODE: 11311			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.394.00			
		CAB SHIELD SURCHARGE			
1.00	EACH	**HYDRAULIC SYSTEM**			
		- PTO: CHELSEA 890 SERIES			

Attachment: Bonnell Tandem-Axle Outfitting Quote (Purchase Two Heavy Duty Haul Trucks)

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		- PUMP: TXV92 - ADD-A-FOLD HYDRAULIC VALVE TO OPERATE: HOIST, PLOW, SCRAPER, AUGER, SPINNER - "FORCE" ULTRA CONTROL ARM - "FORCE" 6100 GEN5 SPREADER CONTROLLER - "FORCE" VT35 LOW PROFILE STAINLESS STEEL TANK AND LID - LOW OIL/HIGH TEMP AUTO SHUTDOWN SYSTEM - EATON HP171 SERIES WITH SENSOR HIGH PRESSURE FILTER - CLOSED LOOP GRANULAR SENSOR - BONNELL CONSOLE FOR ULTRA CONTROLLER ARM			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.800.59			
		HYDRAULICS SURCHARGE			
1.00	EACH	**ELECTRICAL**			
		- ALL LED LIGHTING UNLESS OTHERWISE NOTED - BONNELL IGNITION ACTIVATED BATTERY RELAY DISCONNECT SYSTEM - BODY UP SWITCH WITH INDICATOR LAMP - BONNELL WIRE HARNESSES - ELECTRIC BRAKE CONTROLLER INSTALLED CAB ROOF LIGHTING AND ACCESSORIES - WHELEN 17M IDOT LIGHT BAR AS FOLLOWS: * FOUR CORNER FLASHERS * TWO FRONT FACING FLASHERS * 2 FRONT FACING SCENE LIGHTS PLOW LIGHTING - ABL-3830-0080 LED PLOW LIGHTS ON STAINLESS STEEL GRILL MOUNTED BRACKETS BODY LIGHTING - ONE PAIR REAR FACING WHE-60BTT STT ON CABSHIELD - ONE PAIR REAR FACING M6 SERIES AMBER/WHITE FLASHERS ON CABSHIELD - ONE PAIR OBROUND STT IN REAR POSTS - ONE PAIR OBLONG BACKUP LIGHTS IN REAR POSTS - ONE AMBER/WHITE/AMBER FLASHER MOUNTED IN A STAINLESS HOUSING ON OUTSIDE OF EACH CORNER POST			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		- MARKER LIGHTS PER FMVSS STANDARDS			
		REAR HITCH AND CHASSIS LIGHTING			
		- ONE PAIR WHELEN 60BTT STT LIGHTS ON REAR HITCH - PM-290C LICENSE PLATE LIGHT ON REAR HITCH - ICC THREE LIGHT CLUSTER ON REAR HINGE OF BODY - VEL-697112 BACK UP ALARM ON REAR HITCH OR FRAME			
		EQUIPMENT WORK LIGHTS AND FLASHERS			
		- ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER - ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD - LIGHTS ON SEPARATE SWITCHES - ONE ABL SCRAPER WORK LIGHT MOUNTED TO CHASSIS			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.220.77			
		ELECTRICAL SURCHARGE			
1.00	EACH	**REAR HITCH**			
		- REAR HITCH TYPE: CUSTOM REAR HITCH PER BELOW - 3/4" CARBON STEEL PLATE - STD PINTLE MTG HEIGHT - TRAILER PLUG: 7 FLAT PIN RV STYLE - CUTOUTS FOR 600 SERIES REAR LIGHTS - 5/8" CARBON STEEL D-RINGS			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.29.83			
		REAR HITCH SURCHARGE			
1.00	EACH	**PLOW HITCH**			
		PLOW HITCH FOR A FREIGHTLINER 108SD INSTALLED ON NEW TRUCK PACKAGE			
1.00	EACH	**HFF-QLX** Heavy Front Frame Side Plate Hitch with QLX Front Frameand and Offset Lift Arm. (QL2 Quick Link Receiver built into Lower section)			
1.00	EACH	**H10170**			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		4in X 10in Double Acting Cylinder W/Nitrided Rod			
1.00	EACH	**H10190** Telescopic Lift Arm in Lieu of Rigid Lift Arm			
1.00	EACH	**H10300** IDOT Grill mounted Light Brackets			
1.00	EACH	**H10415** Cross Over Relief Valve Bracket Only (no valve)			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.1189.20			
		PLOW HITCH SURCHARGE			
1.00	EACH	**PLOW** CONFIGURED AS FOLLOWS: YES PAINTED: ORANGE POLYURETHANE ENAMEL NO EXTRA RIBS EXTRA RIBS			
1.00	EACH	**11ST42TT7** Base Model 11ST42TT7 Straight Steel Snow Plow 11'-0" Cutting Edge X 42" Straight Height Torsion Trip Cutting Edge (4) 3/4" Round Wire Trip Springs Metropolitan Table/A-Frame Assembly (2) 3X10 Reversing Cylinders (5) Table To Moldboard Hookup Points			
1.00	EACH	**P10130** Level Raise Lift System with Lift Chains for High Country Plows (MX1 & MC1)			
1.00	EACH	**P10260** QL-Quick Link swivel bar (plow section installed) (Flink Style and Penn Dot)			
1.00	EACH	**P10340** 10" Kingpinless steel casters (Set of 2 installed)			

Attachment: Bonnell Tandem-Axle Outfitting Quote (Purchase Two Heavy Duty Haul Trucks)

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**P10400** 3/4" Bottom Angle (ILO Standard)-Moldboard Weldment Angle			
1.00	EACH	**P10401** 3/4" Bottom Angle (ILO Standard) Trip Edge Angle (for trip edge plows)			
1.00	EACH	**P10410** Cove cut on on curb side end of moldboard			
1.00	EACH	**P10425** 3/8" x 12" Rubber flap kit installed			
1.00	EACH	**P10446** Three trip sections on Torsion Trip plows (in lieu of standard single section)			
1.00	EACH	**P10470** 36" Blaze orange markers			
1.00	EACH	**P10500** Standard 5/8" x 6" C1084 Steel Cutting Edge			
1.00	EACH	**P10531** 3/4" x 6" Universal curb shoe (Installed on right end of plow)			
1.00	EACH	**P10532** 3/4" x 6" Universal curb shoe (Installed on left end of plow)			
1.00	EACH	**P10555** 1/2" Quick Couplers installed (one set/per plow) pioneer PHD-4000-4			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.3800.40			
		PLOW SURCHARGE			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**SCRAPER**			
1.00	EACH	**UBS120-FPD**			
Location: 760		10' UNDERBODY SCRAPER FIXED ONE-WAY, POWER DOWN MOLDBOARD IS 5/8" THICK X 20" TALL X 10" LONG SCRAPER HAS (1)-3" X 10" WITH A 7/8" X 6" X 18-1/2" CUSHION SPRING SCRAPER MAY BE FIX MOUNTED FROM 35-45 DEGREES AND DISCHARGE TO THE RIGHT OR LEFT UNITS ARE SAND BLASTED, PRIMED AND PAINTED WITH BLACK POLYURETHANE PAINT NO HOSES OR RELIEF VALVE INCLUDED			
1.00	EACH	**S10100** Carbide cutting edges installed in lieu of standard 3/4" x 6" CSB edges. (price is per foot)			
1.00	EACH	**S10120** 5/8" x 6" Carbide Bullnose Curb shoes installed. (Price is per pair)			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.1630.80 **SCRAPER SURCHARGE**			
1.00	EACH	**UT SPREADER** - UNDER TAILGATE SPREADER CONFIGURED AS FOLLOWS:			
1.00	EACH	**U696-DD-S2** Under Tailgate Spreader 6" Auger X 4" Pitch X 96" Overall length Direct Drive Motor with 22.6 CI displacement 201 Stainless Steel Includes Mounting Kit and Tailgate Shields Unpainted unless Otherwise Specified			
1.00	EACH	**U10100** Single Drop Port 24in From Left End Of The Spreader. Standard On A 6in Spreader. Reverse Flighted Auger			
1.00	EACH	**U10200**			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		Single Spinner Assembly Mounted At Standard Drop Port. (Standard On All Spreaders). 18" Poly Spinner with 2.8 Cubic Inch Spinner Motor			
1.00	EACH	**U10369** Custom Tailgate Prop/Shield Combo Installed. (Must have dump body to build and install these)			
1.00	EACH	**/PRODUCTS SURCHARGE** SC.919.40 **UNDER TAILGATE SPREADER SURCHARGE**			

15% RESTOCKING FEE ON RETURNED ITEMS

NO RETURNS ON ELECTRICAL ITEMS

BS1

Net Order:	124,170.
Less Discount:	0.
Freight:	0.
Sales Tax:	0.
Order Total:	124,170.
Less Deposit:	0.00
Order Balance:	124,170.54

Please Pay From Invoice
1-1/2% Per Month (18% Annual Rate) Finance Charge Will Be Added to Past Due Accounts

Salesperson: 0009 Joey Bonnell

Attachment: Bonnell Tandem-Axle Outfitting Quote (Purchase Two Heavy Duty Haul Trucks)

Consider a Motion Authorizing the Village Manager to Pre-Purchase a Replacement Five-Ton Dump Truck

BACKGROUND:
Due to the supply chain issues and truck manufacturers only allocating a limited amount of orders each year, Staff is requesting approval to pre-purchase one of the five-ton dumps trucks scheduled for replacement in 2023. T-379 is a 2011 heavy-duty five-ton dump truck with 114,120 miles.

This truck is used year-round for snow and ice control, asphalt patching, leaf collection, and various hauling duties. This truck will be held in reserve status for another 2-3 years, replacing 2009 reserve truck T-369.

There are two five-ton trucks scheduled for replacement in 2023, but the truck manufacturers relate that they are only allowed to place a limited amount of orders this year and possibly next year until the supply chain issues ease. Therefore, the Village can only pre-order one of the trucks scheduled for next year.

It is worth noting that prices have been increasing on chassis and outfitting services on a regular basis, so a pre-purchase will lock-in the pricing at current levels.

KEY ISSUES:

- Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.
- Currently, there is an active State bid for the International truck, but Staff also obtained pricing from Northwest Trucks to see how the pricing compared to the State bid. Both trucks have the same specifications.
- The truck chassis is only the first part of the purchase. The outfitting (plows, spreader, dump body, and emergency lighting) is performed by a truck body company. Typically, the chassis dealer will just bill the Village for the total truck purchase including outfitting, but they can be separate purchases as well. Therefore, Staff compared the costs between two of our vendors who have performed outfitting in the past. The majority of the Village trucks have been outfitted by Monroe Truck in Monroe, Wisconsin, while Bonnell Industries in Dixon, Illinois outfitted three of the last four trucks purchased as the lower cost proposal. Staff requested proposals from both companies.
- Selecting the Freightliner truck over the International truck results in a lower cost. Monroe Truck also provided the lower cost for outfitting compared to Bonnell. The Freightliner truck with upfitting completed by Monroe results in the lowest cost.
- In addition, the advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours over the course of a year in transportation when a repair needs to be performed at a dealer. Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12” in overall

frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as snowplowing. Finally, the Freightliner has an aluminum cab versus a steel cab on the International. This will help reduce corrosion on components such as the floor boards and doors.

ALTERNATIVES:

1. Waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis five-ton dump truck from Northwest Trucks and upfitting from Monroe Truck.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis five-ton dump truck from Northwest Trucks in the amount of $81,180 and upfitting from Monroe Truck in the amount of $107,351, for a total cost not to exceed $188,531.

BUDGET IMPACT:
Funds were to be requested for appropriation in the 2023 Capital Equipment Replacement Budget for this purchase. Funds in the amount of $188,531 are needed in 2022 to pre-purchase this truck and to offset any future supply chain issues.

ACTION REQUIRED:
Motion to waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis five-ton dump truck from Northwest Trucks, Incorporated in the amount of $81,180 and upfitting from Monroe Truck Equipment in the amount of $107,351, for a total cost not to exceed $188,531.

ATTACHMENTS:

- Heavy-Duty Five-Ton Truck 2023 Pre-Purchase Memorandum
- Capital Budget Page
- Northwest Trucks Single-Axle Chassis Proposal
- International Single-Axle Chassis Proposal - State Contract
- Monroe Single-Axle Outfitting Quote
- Bonnell Single-Axle Outfitting Quote

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Jim Schwantz, Mayor
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski

VILLAGE OF PALATINE

Department of Public Works
148 West Illinois Avenue
Palatine, IL 60067
847-705-5200

MEMORANDUM

To: Matt Barry, Director of Public Works

From: Matt Dusckett, Superintendent of Support Services

Date: February 28, 2022

Subject: Pre-purchase of a Public Works Heavy-Duty Dump Truck

---

Issue: Due to the supply chain issues, and truck manufacturers only allocated a limited amount of orders each year, Staff is requesting approval to pre-purchase one of the five-ton dumps trucks scheduled for replacement in 2023. T-379 is a 2011 heavy-duty five-ton dump truck with 114,120 miles.

This truck is used year-round for snow and ice control, asphalt patching, leaf collection, and various hauling duties. This truck will be held in reserve status for another 2-3 years, replacing 2009 reserve truck T-369.

There are 2 five-ton trucks scheduled for replacement in 2023, but the truck manufacturers relate that they are only allowed to place a limited amount of orders this year and possibly next year until the supply chain issues ease. Therefore, the Village can only pre-order one of the trucks scheduled for next year.

It is worth noting that prices have been increasing on chassis and outfitting services on a regular basis, so a pre-purchase will lock-in the pricing at current levels.

Analysis: Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.

Currently, there is an active State bid for the International truck once again, but Staff also obtained pricing from Northwest Trucks to see how the pricing compared to the State bid. Both trucks have the same specifications and the pricing is shown on the following page.

The truck chassis is only the first part of the purchase. The outfitting…i.e. plows, spreader, dump body, and emergency lighting…is performed by a truck body company. Typically, the chassis dealer will just bill the village for the total truck purchase including outfitting, but they can be separate purchases as well.

Therefore, Staff desired to compare the costs between two of our vendors who have performed outfitting in the past. The majority of the Village trucks have been outfitted by Monroe Truck in Monroe, Wisconsin, while Bonnell Industries, a truck outfitter in Dixon, Illinois, had outfitted three of the last four trucks purchased as the lower cost proposal. Staff requested proposals from both companies, and I have attached the outfitting quotes from both.

I have detailed the purchase options/costs of both chassis manufacturers and outfitters in the charts on the following page.

Attachment: Heavy-Duty Five-Ton Truck 2023 Pre-Purchase Memorandum (Pre-Purchase One Five-Ton Dump Truck)

Single Axle Dump Truck Recap

Make	Model	Purchase Method	Chassis Price	Monroe Upfit $107,351	Bonnell Upfit $125,504.29
International	HV507	State Bid	$81,318	$81,318	$81,318
		Outfitting		$107,351	$125,504.29
			Totals	**$188,669**	$206,822.29
Freightliner	108SD	Local Dealer Quote	$81,180	$81,180	$81,180
		Outfitting		$107,351	$125,504.29
			Totals	**$188,531**	**$206,684.29**

As shown above, the best value for a truck is a Freightliner 108SD from Northwest Trucks, and outfitting by Monroe for a total of $188,531 per truck. The difference between the International and Freightliner chassis is only $138.00 however.

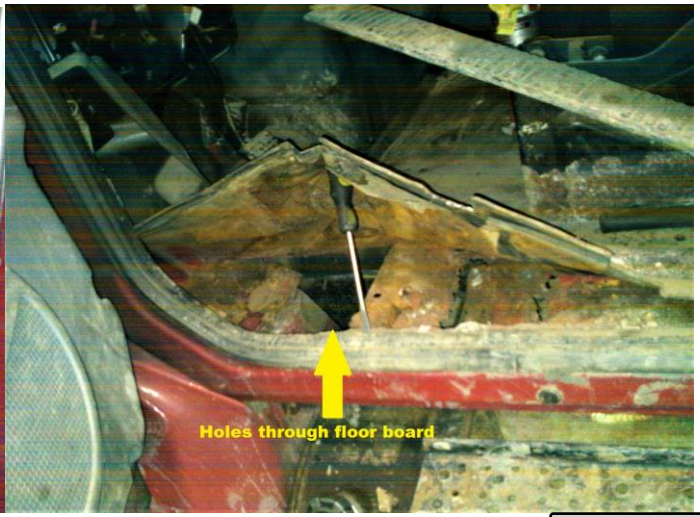
In addition, Staff is recommending Freightliner for the following reasons:

- The advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours in transportation over the course of the vehicle's lifetime when a repair needs to be performed at a dealer.

- Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12" in overall frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as snowplowing.

- Finally, the Freightliner has an aluminum cab versus a steel cab on the International. This will help reduce corrosion and rust-through on components such as the floor boards and doors.

I have included a few pictures on the following page from one of the International trucks requested for replacement, which is representative of all three trucks:



Attachment: Heavy-Duty Five-Ton Truck 2023 Pre-Purchase Memorandum (Pre-Purchase One Five-Ton Dump Truck)

These pictures show the corrosion that can take place in the harsh environment the trucks operate in with materials such as sodium chloride and calcium chloride. Staff has had to repair corrosion on the cabs and bodies when the trucks get older.

Freightliner has no current joint-purchase contracts. Therefore Staff recommends it would be in the best interest of the Village to waive formal bid requirements and accept the proposal from Northwest Trucks of Palatine for the truck chassis.

Additionally, Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and accept the lowest cost outfitting proposal from Monroe Truck Equipment.

Recommendation: Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and approve the purchase of one (1) new model Freightliner 108SD single-axle chassis from Northwest Trucks Inc., 2120 Rand Rd., Palatine, IL 60074 at a total cost of $81,180.

Additionally, Staff recommends that in the best interest of the Village, the Village Council waive formal bid procedures and accept the outfitting proposal for one (1) truck from Monroe Truck Equipment, 1051 W. 7th Street, Monroe, WI 53566 at a total cost of $107,351.

Total cost of this 2023 purchase is $188,531, and Staff is requesting funds be provided in 2022 to offset any future supply chain issues.

Attachments:
Capital Budget Project VE 0003
Chassis Quotes From: Northwest Truck – (Freightliner / Local Quote)
Rush Truck Center – (International / Illinois State Contract) For Comparative Purposes
Outfitting Quotes From: Monroe Truck Equipment
Bonnell Industries – For Comparative Purposes

Attachment: Heavy-Duty Five-Ton Truck 2023 Pre-Purchase Memorandum (Pre-Purchase One Five-Ton Dump Truck)

Capital Investment Plan

2022 *thru* 2026

Village of Palatine, IL

Project # VE 0003
Project Name Public Works Vehicle Replacements

Account # 401-52-75-6070 625

Department 52-Public Works
Contact Matt Dusckett
Type Equipment
Useful Life 10 years
Category Vehicles & Equipment

Description

CY 2022 Replacements
$ 207,030 - T423 2002 GMC Log Loader Truck (215,700 miles eqv) Replace with the same)
182,475 - T380 2011 Tandem-Axle Dump (201,690 miles eqv) (Replace with the same)
169,950 - T373 2009 5 Ton Dump (78,078 miles eqv) (Replace with the same)
95,275 - T374 2009 1 Ton Dump (64,634 miles) (Replace with the same)
33,005 - T364 2008 Ford E250 W/Shelving (36,658 miles) (Replace with the same)

Justification

This program provides the planned replacement of necessary Public Works vehicles in order to prevent obsolescence, maintain the functionality of the Department, and enhance operational efficiency.

Two single-axle dump trucks scheduled for replacement in 2023

Prior	Expenditures	2022	2023	2024	2025	2026	Total
564,290	Equipment	687,735	781,275	864,290	890,500	498,580	3,722,380
Total	**Total**	**687,735**	**781,275**	**864,290**	**890,500**	**498,580**	**3,722,380**

Prior	Funding Sources	2022	2023	2024	2025	2026	Total
564,290	Capital Equipment - 401	687,735	781,275	864,290	890,500	498,580	3,722,380
Total	**Total**	**687,735**	**781,275**	**864,290**	**890,500**	**498,580**	**3,722,380**

Attachment: Capital Budget Page (Pre-Purchase One Five-Ton Dump Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

4 x 2 Single-axle Chassis

S P E C I F I C A T I O N P R O P O S A L

	Description	Weight Front	Weight Rear
Price Level			
	SD PRL-26D (EFF:7/26/21)		
Data Version			
	SPECPRO21 DATA RELEASE VER 027		
Interior Convenience/Driver Retention Package			
	INTERIOR CONVENIENCE PACKAGE WITH CB PROVISION		
Vehicle Configuration			
	108SD CONVENTIONAL CHASSIS	6,829	3,748
	2023 MODEL YEAR SPECIFIED		
	SET BACK AXLE - TRUCK		
	STRAIGHT TRUCK PROVISION		
	LH PRIMARY STEERING LOCATION		
General Service			
	TRUCK CONFIGURATION		
	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
	UTILITY/REPAIR/MAINTENANCE SERVICE		
	GOVERNMENT BUSINESS SEGMENT		
	DIRT/SAND/ROCK COMMODITY		
	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
	MAXIMUM 8% EXPECTED GRADE		
	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
	FREIGHTLINER SD VOCATIONAL WARRANTY		
	EXPECTED FRONT AXLE(S) LOAD : 14000.0 lbs		

Prepared for:
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	Description	Weight Front	Weight Rear
	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 35000.0 lbs		
Truck Service			
	FRONT PLOW/END DUMP BODY		
	MONROE TRUCK EQUIPMENT		
Engine			
	CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM		
Electronic Parameters			
	64 MPH ROAD SPEED LIMIT		
	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
	15 MINUTE IDLE SHUTDOWN - TIMER RESET WITH CLUTCH AND SERVICE BRAKE		
	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
	PTO RPM WITH CRUISE SET SWITCH - 1000 RPM		
	PTO RPM WITH CRUISE RESUME SWITCH - 1000 RPM		
	PTO GOVERNOR RAMP RATE - 300 RPM PER SECOND		
	PTO MINIMUM RPM - 700		
	REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
Engine Equipment			
	2010 EPA/CARB/GHG21 CONFIGURATION		
	NO 2008 CARB EMISSION CERTIFICATION		
	STANDARD OIL PAN		
	ENGINE MOUNTED OIL CHECK AND FILL		
	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES		
	BATTERY BOX FRAME MOUNTED		
	STANDARD BATTERY JUMPERS		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

Prepared for:
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200 E WOOD ST

PALATINE, IL 60067
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Description	Weight Front	Weight Rear
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
CAB AUXILIARY POWER CABLE	5	
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
6 GALLON DIESEL EXHAUST FLUID TANK	-35	-10
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH FORWARD FACE OF DIESEL EXHAUST FLUID TANK 48 TO 52 INCHES BACK OF CAB		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1115 SQUARE INCH ALUMINUM RADIATOR		
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

Prepared for:
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	Description	Weight Front	Weight Rear
	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
	RADIATOR DRAIN VALVE		
	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
	ELECTRIC GRID AIR INTAKE WARMER		
	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45	
Transmission			
	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION		
Transmission Equipment			
	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

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	Description	Weight Front	Weight Rear
	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME		
	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
	ELECTRONIC CONTROL T-HANDLE SHIFT LEVER, DASH MOUNTED		
	TRANSMISSION PROGNOSTICS - ENABLED 2013		
	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
	TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP		
	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
	DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
	NON-ASBESTOS FRONT BRAKE LINING		
	CAST IRON OUTBOARD FRONT BRAKE DRUMS		
	FRONT BRAKE DUST SHIELDS	5	
	FRONT OIL SEALS		
	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
	STANDARD SPINDLE NUTS FOR ALL AXLES		
	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
	STANDARD KING PIN BUSHINGS		
	TRW TAS-85 POWER STEERING	40	
	POWER STEERING PUMP		
	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

Prepared for:
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	Description	Weight Front	Weight Rear
	16,000# TAPERLEAF FRONT SUSPENSION	200	
	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
	NO FRONT SUSPENSION OPTIONS		
	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
	RS-23-160 23,000# R-SERIES SINGLE REAR AXLE		180
	6.43 REAR AXLE RATIO		
	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
	NON-ASBESTOS REAR BRAKE LINING		
	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
	CONMET CAST IRON REAR BRAKE DRUMS		10
	REAR BRAKE DUST SHIELDS		5
	REAR OIL SEALS		
	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
	23,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		50
	SPRING SUSPENSION - 2.25 INCH AXLE SPACER		10
	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
	FORE/AFT CONTROL RODS		
Brake System			
	WABCO 4S/4M ABS		
	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
	FIBER BRAID PARKING BRAKE HOSE		
	STANDARD BRAKE SYSTEM VALVES		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

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	Description	Weight Front	Weight Rear
	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
	STD U.S. FRONT BRAKE VALVE		
	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
	BW AD-9SI BRAKE LINE AIR DRYER WITH HEATER		
	AIR DRYER MOUNTED INBOARD ON LH RAIL		
	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION		
	CLEAR FRAME RAILS FROM TRANSMISSION PTO OPENING TO 36 INCHES BACK OF CAB OUTBOARD/INSIDE/BELOW BOTH RAILS		
	BW DV-2 AUTO DRAIN VALVE WITH HEATER - WET TANK		
Trailer Connections			
	UPGRADED CHASSIS MULTIPLEXING UNIT		
Wheelbase & Frame			
	4500MM (177 INCH) WHEELBASE		
	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	240	130
	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
	2550MM (100 INCH) REAR FRAME OVERHANG		
	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	-50	210
	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20
	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 111.61 in		
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 108.61 in		
	CALC'D FRAME LENGTH - OVERALL : 342.72 in		
	CALCULATED FRAME SPACE LH SIDE : 51.07 in		
	CALCULATED FRAME SPACE RH SIDE : 139.57 in		
	SQUARE END OF FRAME		
	FRONT CLOSING CROSSMEMBER		
	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	STANDARD REARMOST CROSSMEMBER		
	STANDARD SUSPENSION CROSSMEMBER		

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

Prepared for:
Matthew Dusckett
PALATINE VILLAGE OF
200 E WOOD ST

PALATINE, IL 60067
Phone: 847-202-6976

Prepared by:
Don Cooper
NORTHWEST TRUCKS, INC.
2120 N RAND ROAD
PALATINE, IL 60074
Phone: 800-559-8890

	Description	Weight Front	Weight Rear
Chassis Equipment			
	14 INCH PAINTED STEEL BUMPER		
	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks			
	70 GALLON/264 LITER ALUMINUM FUEL TANK - LH	5	
	25 INCH DIAMETER FUEL TANK(S)		
	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	FUEL TANK(S) FORWARD		
	PLAIN STEP FINISH		
	FUEL TANK CAP(S)		
	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5	
	EQUIFLO INBOARD FUEL SYSTEM		
	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
	CONTINENTAL HSC3 12R22.5 16 PLY RADIAL FRONT TIRES	74	
	CONTINENTAL HDR2+ 11R22.5 14 PLY RADIAL REAR TIRES		92
Hubs			
	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18 INSET 2-HAND HD STEEL DISC FRONT WHEELS	26	
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		52
	FRONT WHEEL MOUNTING NUTS		
	REAR WHEEL MOUNTING NUTS		
	NO PUSHER/TAG WHEEL MOUNTING NUTS		
Cab Exterior			

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Description	Weight Front	Weight Rear
108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
AIR CAB MOUNTING		
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
SHORT FENDER WITH MUDFLAP		
LH AND RH GRAB HANDLES		
STATIONARY BLACK GRILLE		
BLACK HOOD MOUNTED AIR INTAKE GRILLE		
FIBERGLASS HOOD		
SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK		
SINGLE ELECTRIC HORN		
SINGLE HORN SHIELD		
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
KEY QUANTITY OF 2		
REAR LICENSE PLATE MOUNT END OF FRAME		
HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
LED AERODYNAMIC MARKER LIGHTS		
DAYTIME RUNNING LIGHTS - LOW BEAM ONLY		
INTEGRAL STOP/TAIL/BACKUP LIGHTS WITH 7 EXTRA FEET OF WIRE MOUNTED AT END OF FRAME		
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS		
DOOR MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS M0UNTED UNDER PRIMARY MIRRORS		
RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS	12	
STANDARD SIDE/REAR REFLECTORS		
63X14 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
MANUAL DOOR WINDOW REGULATORS		
LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	

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	Description	Weight Front	Weight Rear
	1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD		
	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR		
Cab Interior			
	OPAL GRAY VINYL INTERIOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
	BLACK MATS WITH SINGLE INSULATION		
	NO DASH MOUNTED ASH TRAYS AND LIGHTER		
	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
	IN DASH STORAGE BIN		
	(2) CUP HOLDERS LH AND RH DASH		
	GRAY/CHARCOAL FLAT DASH		
	SMART SWITCH EXPANSION MODULE		
	HEATER, DEFROSTER AND AIR CONDITIONER		
	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
	STANDARD HEATER PLUMBING		
	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
	BINARY CONTROL, R-134A		
	STANDARD INSULATION		
	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
	(1) 12 VOLT POWER SUPPLY IN DASH		
	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WTIH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	

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	Description	Weight Front	Weight Rear
	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
	VINYL WITH VINYL INSERT DRIVER SEAT		
	VINYL WITH VINYL INSERT PASSENGER SEAT		
	HIGH VISIBILITY ORANGE SEAT BELTS		
	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
	WOODGRAIN DRIVER INSTRUMENT PANEL		
	WOODGRAIN CENTER INSTRUMENT PANEL		
	BLACK GAUGE BEZELS		
	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
	2 INCH ELECTRIC FUEL GAUGE		
	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		

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	Description	Weight Front	Weight Rear
	ELECTRIC ENGINE OIL PRESSURE GAUGE		
	OVERHEAD INSTRUMENT PANEL		
	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10	
	DASH MOUNTED RADIO		
	(2) RADIO SPEAKERS IN CAB		
	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
	POWER AND GROUND WIRING PROVISION OVERHEAD		
	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
	STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS		
	ELECTRONIC 3000 RPM TACHOMETER		
	IGNITION SWITCH CONTROLLED ENGINE STOP		
	SIX ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS; FOUR WIRE TO CHASSIS AT BACK OF CAB, TWO UNWIRED, LABEL ALL OPT		
	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET		
	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS		
	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
Design			
	PAINT: ONE SOLID COLOR		

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	Description	Weight Front	Weight Rear
Color			
	CAB COLOR A: L5994EY HARVESTER RED ELITE EY		
	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	STANDARD BLACK BUMPER PAINT		
	STANDARD E COAT/UNDERCOATING		
Certification / Compliance			
	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
Secondary Factory Options			
	CORPORATE PDI CENTER IN-SERVICE ONLY		
Raw Performance Data			
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 108.61 in		

T O T A L V E H I C L E S U M M A R Y

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	7746 lbs	4482 lbs	12228 lbs
Total Weight+	7746 lbs	4482 lbs	12228 lbs

Extended Warranty

TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE $550 CAP FEX APPLIES

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(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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Q U O T A T I O N

108SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK

CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM

ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

RS-23-160 23,000# R-SERIES SINGLE REAR AXLE

23,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD

DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE

16,000# TAPERLEAF FRONT SUSPENSION

108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

4500MM (177 INCH) WHEELBASE

7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI

2550MM (100 INCH) REAR FRAME OVERHANG

BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	80,980	$	80,980
EXTENDED WARRANTY		$	200	$	200
DEALER INSTALLED OPTIONS		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***81,180***	**$**	***81,180***
TAXES AND FEES					
TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
TRADE-IN					
TRADE-IN ALLOWANCE		$	(0)	$	(0)
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**81,180**	**$**	**81,180**

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

Attachment: Northwest Trucks Single-Axle Chassis Proposal (Pre-Purchase One Five-Ton Dump Truck)

INTERNATIONAL®

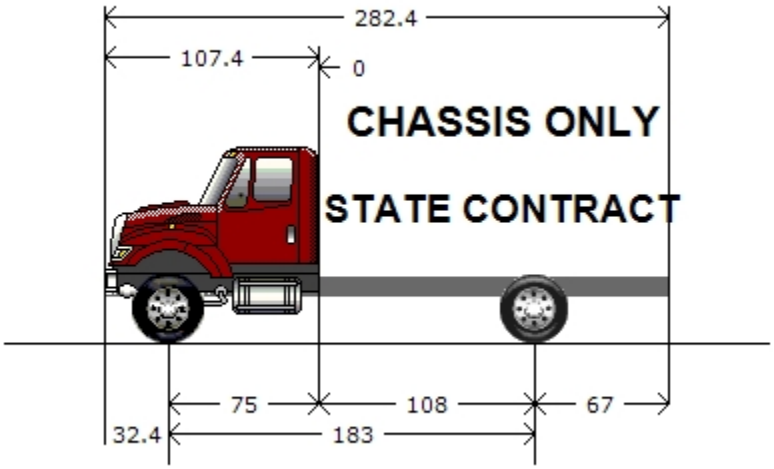
February 01, 2022

Single-axle proposal (For Comparison Only)

Prepared For:
VILLAGE OF PALATINE
MATT DUSCKETT
148 W Illinois Ave.
Palatine, IL 60067-6816
(847)202 - 6986
Reference ID: STATE CONTRACT

Presented By:
RUSH TRK CTR OF N IL
David R Mueller
4655 S CENTRAL AVE.
CHICAGO IL 606381547
708-295-5800

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2024 HV507 SFA (HV507)

AXLE CONFIG:	4X2
MISSION:	Requested GVWR: 56000. Calc. GVWR: 35000. Calc. GCWR: 55000
DIMENSION:	Wheelbase: 183.00, CA: 108.00, Axle to Frame: 67.00
ENGINE, DIESEL:	{Cummins L9 300} EPA 2021, 300HP @ 2200 RPM, 860 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity
AXLE, REAR, SINGLE:	{Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends Gear Ratio: 6.43
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 12R22.5 Load Range H HSR2 (CONTINENTAL), 483 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, SINGLE:	23,500-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100WK Location 1: 2303, Red (Std) Chassis schematic N/A

Attachment: International Single-Axle Chassis Proposal - State Contract (Pre-Purchase One Five-Ton Dump Truck)

Description

Base Chassis, Model HV507 SFA with 183.00 Wheelbase, 108.00 CA, and 67.00 Axle to Frame.

AXLE CONFIGURATION {Navistar} 4x2

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Swept Back, Steel, Heavy Duty

FRAME, SPECIAL EFFECTS Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Multileaf, Shackle Type, 14,000-lb Capacity, for Reduced Deflection Vocational Use, with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank

AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System

AIR DRYER {Bendix AD-IP} with Heater

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

SLACK ADJUSTERS, FRONT {Haldex} Automatic

SLACK ADJUSTERS, REAR {Haldex} Automatic

AIR COMPRESSOR {Cummins} 18.7 CFM

AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Back of Cab, Perpendicular to Rail

DUST SHIELDS, FRONT BRAKE for Air Cam Brakes

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

BRAKES, FRONT {Bendix Spicer ES-165-5X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity

BRAKES, REAR {Bendix Spicer ES-165-7X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black

STEERING GEAR {Sheppard M100} Power

DRIVELINE SYSTEM {Dana Spicer} SPL140, for 4x2/6x2

AFTERTREATMENT COVER Steel, Black

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for Improved Ground Clearance

TAIL PIPE (1) Turnback Type

Attachment: International Single-Axle Chassis Proposal - State Contract (Pre-Purchase One Five-Ton Dump Truck)

Description

EXHAUST HEIGHT 10'

MUFFLER/TAIL PIPE GUARD (1) Aluminum

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount

BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

ANTENNA for Increased Roof Clearance Applications

RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

HORN, ELECTRIC Disc Style

BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab

JUMP START STUD Remote Mounted

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

HEADLIGHTS Halogen

FENDER EXTENSIONS Rubber

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

GRILLE Stationary, Chrome

FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government Silver Package

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

ENGINE, DIESEL {Cummins L9 300} EPA 2021, 300HP @ 2200 RPM, 860 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)

FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

Attachment: International Single-Axle Chassis Proposal - State Contract (Pre-Purchase One Five-Ton Dump Truck)

Description

RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler

AIR CLEANER Dual Element, with Integral Snow Valve and In-Cab Control

EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2022

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)

CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines

CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty

TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

TRANSMISSION DIPSTICK Relocated to Right Side of Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming

PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission

AXLE, REAR, SINGLE {Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.43

SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs

SPRINGS, REAR AUXILIARY Multileaf; 4,500-lb Capacity

FUEL/WATER SEPARATOR {Racor 400 Series} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional, Day Cab

AIR CONDITIONER with Integral Heater and Defroster

GAUGE CLUSTER Base Level; English with English Electronic Speedometer

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar

Attachment: International Single-Axle Chassis Proposal - State Contract (Pre-Purchase One Five-Ton Dump Truck)

Description

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

MIRRORS (2) C-Loop, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

CAB INTERIOR TRIM Classic, for Day Cab

ARM REST, RIGHT, DRIVER SEAT

CAB REAR SUSPENSION Air Bag Type

MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Black 7.5" Sq.

WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

INSTRUMENT PANEL Flat Panel

WINDSHIELD WIPER BLADES Snow Type

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

WHEELS, FRONT {Maxion 90541} DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint

PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint

WHEEL GUARDS, REAR {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches

(4) TIRE, REAR 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 12R22.5 Load Range H HSR2 (CONTINENTAL), 483 rev/mile, 75 MPH, All-Position

Cab schematic 100WK

Location 1: 2303, Red (Std)

Chassis schematic N/A

Services Section:

WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A

Body/Allied Equipment

Description

Goods Purchased

Description

MUNICIPAL LECENSE PLATES AND NEW TITLE FEE

Attachment: International Single-Axle Chassis Proposal - State Contract (Pre-Purchase One Five-Ton Dump Truck)

INTERNATIONAL®

Financial Summary
2024 HV507 SFA (HV507)

February 01, 2022

(US DOLLAR)

Description	Price
Net Sales Price:	$78,560.00
	Options - $2.758
	Total - $81,318

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ABOVE FIGURE IS FOR CHASSIS ONLY (Does NOT include body or mounted equipment)

ABOVE FIGURE WAS CALCULATED USING STATE CONTRACT # 19416CMS BOSS4-P-8607

ABOVE FIGURE IS GOOD THROUGH 06/02/2022

ABOVE FIGURES DO NOT INCLUDE ANY FUTURE/POTENTIAL INCREASES FOR THE FOLLOWING:
EMISSION SURCAHRGES, FREIGHT / DESTINATION FEES and RAW MATERIAL OR COMMODITY SURCHARGES

Approved by Seller:

Official Title and Date

Authorized Signature

This proposal is not binding upon the seller without Seller's Authorized Signature

Accepted by Purchaser:

Firm or Business Name

Authorized Signature and Date

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

Attachment: International Single-Axle Chassis Proposal - State Contract (Pre-Purchase One Five-Ton Dump Truck)

ADDITONAL OPTIONAL EQUIPMENT TO CONSIDER

FRONT AXLE {Meritor MFS-16-143A}, 16,000-lb Capacity with 16,000 FRONT SPRING SUSPENSION	$1,032.00
DUAL STEERING GEARS for 16,000 lb. Front Axle (above)	$854.00
ALUMINUM AIR TANKS in-leau-of Painted Steel Black Powder Coat Paint	$345.00
MUFFLER GUARD Bright Stainless Steel in-leau-of Aluminum	$ 133.00
AFTER-TREATMENT COVER ALUMINUM in-leau-of Black Painted	$ 278.00
ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame	$286.00
RADIO WITH BLUETOOTH CAPABILITY	$95.00
ADDITIONAL POWER SOURCES Cigar Type & USB	$38.00
** DASH MOUNTED BODY CIRCUITS, for Bodybuilder	$678.00
ALUMINUM BATTERY BOX in-leau-of Steel	$ 445.00
CUMMINS L-9 ENGINE 330 Horsepower with 1000 Torque in-leau-of 300 HP with 860 Torque	$ 1,280.00
REAR SUSPENSION 31,000 lbs in-leau-of 23,500 lbs	$120.00
STAINLESS STEEL FUEL TANK STRAPS in-leau-of Steel Straps	$260.00
POWER Windows and Locks in-leau-of Manual Windows & Locks	$ 367.00
POWER MIRRORS with Aluminum Arms in-leau-of Manual Adjustment with Black Arms	$240.00
HEATED WINDSHIELD	$ 667.00
COWL TRAY FOR HEATED WINSHIELD	$ 200.00
HOOD MOUNTED CONVEX MIRRORS (non-heated) Add Additional $160.00 for Heated	$260.00
ALUMINUM (Bustin) CAB ENTRY STEPS in-leau-of Steel Black Powder Coat Paint - 2 per Side	$625.00
315/80R22.5 Front Tires with 9.0 x 22.5 Wheels for 16,000 lb Axle (Full 16,000 lb. Rating)	$560.00
FRONT FENDER EXTENSIONS for Larger Front Tires/ Wheels	$125.00

** Required by Monroe Truck Equipment

Required options to match Freightliner proposal - $2,758

Attachment: International Single-Axle Chassis Proposal - State Contract (Pre-Purchase One Five-Ton Dump Truck)

J.O. #

1051 W 7th Street
Monroe, WI 53566
Sales Rep: Steve Szymczak
Ph: (312) 257-7499
www.MonroeTruck.com

Quotation ID: 9TRR00252
Date: 2/14/202
Valid thru: 3/16/202
Terms: NET 3
Quoted by: Tim Reynolc
Ph/Fax: 608-329-8383 / 608-329-852

Quoted to:
PALATINE, VILLAGE OF (ATTN: KAREN FITZGERALD AP)
148 W ILLINOIS
PALATINE, IL 60067
Ph: 847-202-6900 **/ Fax:** 847-358-4242
Email:

Chassis Information

Year: 2022	*Make:*		*Model:*		*Chassis Color:* RED L5994EY	*Cab Type:*
Single/Dual: DRW	*CA:* 108.0	*CT:*	*Wheelbase:*	*Engine:* DIESEL	*F.O. Number #:*	*Vin:*

Notes:

Monroe Truck Equipment, Inc. is pleased to offer the following quote for your review:

Description	Amount

** CHASSIS TO HAVE FACTORY UPFITTER SWITCHES AND TRANS DIPSTICK ON RT SIDE **
** BATTERY BOX MUST BE LOCATED UNDER THE CAB OR IN THE CAB **
** AIR DRYER MUST BE LOCATED INBOARD FRAME RAIL BEHIND CAB **
** AIR TANKS MUST BE INBOARD FRAME RAIL **
** MUST HAVE 21" GROUND CLEARANCE UNOBSTRUCTED UNDER FRAME **
** MUST HAVE 24" GROUND CLEARANCE UNOBSTRUCTED OUTSIDE OF FRAME **

DUMP BODY - 10', 5-7 YARD CAPACITY, CRYSTEEL GLADIATOR
- SIDES: 26", 7GA MILD STEEL
- FRONT: 36", 7GA MILD STEEL
- REAR : 36", 7GA MILD STEEL
- FLOOR: 1/4" AR450 9" RADIUS
- WESTERN UNDERSTRUCTURE
- CAB SHIELD
- (1) SPRING LOADED SHOVEL HOLDERS, (1) EACH SIDE
- MANUAL RELEASE TAILGATE
- COAL CHUTE LOCATED CENTER OF TAILGATE
- 3/8" X 1 1/2" FLAT WALK RAIL BOTH SIDES
- SLIDE-OUT LADDER & GRAB HANDLE ON RIGHT SIDE OF BODY
- REFLECTIVE TAPE ACROSS THE BACK OF THE CAB AND SIDES OF BODY
- WHITE SOUND, 92 DB BACK UP ALARM
- RECESSED LED S/T/T AND BACKUP LIGHTS WITH SEALED WIRE HARNESS
- RUBBER REAR FLAPS BEHIND AND IN FRONT OF REAR TIRES
- UNDERBODY CROSSMEMBER ASSEMBLY
* SUPPLY AND INSTALL SPILL SHIELD AT THE BACK OF BODY
- PAINTED ONE COLOR, SINGLE STAGE RED

CRYSTEEL RC750 SUBFRAME HOIST
- 17.2 TON CAPACITY
- 2000 P.S.I.
- FULLY GREASABLE HINGE AND ROLLERS
- DOUBLE ACTING

PINTLE MOUNT; 1" PLATE W/ 3/4" D-RINGS
- PH-15 RIGID MOUNT PINTLE HOOK (4 BOLT, 15 TON)
- DRAW-TITE ELECTRIC BRAKE CONTROL
- 7 WAY RV STYLE TRAILER PLUG
- TRUCK LITE LED 3-BAR

LIGHTS - WHELEN, JUSTICE SUPER LED ILL STROBE SYSTEMS, 72"LIGHT BAR
- 72" JUSTICE LED LIGHT BAR MOUNTED ON ROOF
- LED S/T/T MOUNTED IN REAR POST, PINTLE PLATE AND ON TOP OF CAB SHIELD
- LED BACK UP LIGHT MOUNTED IN REAR CORNER POST
- 2 AMBER AND 1 CLEAR STROBE INSTALLED OUTSIDE THE CORNER POST ON EACH SIDE
- 2-YEAR WARRANTY

Attachment: Monroe Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

Description	Amount

MONROE BEHIND THE CAB FRAME MOUNTED LIQUID DISPENSING SYSTEM
- 120 GALLON POLY TANK
- HYDRAULIC 4 GPM MOTOR/PUMP COMBINATION
- 204 STAINLESS MOUNTING HARDWARE
- BULK FILL KIT, 2"
- FLUSH KIT

ELECTRIC HYDRAULICS PACKAGE
- HOT SHIFT PTO
- TXV92 PUMP
- D/A HOIST W/500 PSI DOWNSIDE RELIEF, 40GPM
- D/A PLOW, 20 GPM
- D/A PLOW ANGLE, 20 GPM
- D/A SCRAPER CURL, 20 GPM, W/500 PSI DOWNSIDE RELIEF
- AUGER 14GPM
- SPINNER 7 GPM
- 30 GALLON CAPACITY STAINLESS HYDRAULIC RESERVOIR WITH INTERNAL FILTER
- FILLER/BREATHER CAP, LEVEL/TEMP SIGHT GLASS, 3/4" MAGNETIC PLUG,
- 60 P.S.I. CONDITION INDICATOR
- STAINLESS ENCLOSURE WITH WEATHER TIGHT COVER
- HYDRAULIC ENCLOSURE WILL BE MOUNTED ON FRAME RAIL
- FORCE 5100EX GROUND BASED SPREADER CONTROL W/ 3 JOYSTICK ULTRA
* FLOOR MOUNT STAND FOR ULTRA CONTROL *

MONROE QUICK LINK HITCH - FOLD FLAT LIFT ARM
- 4" X 10" DOUBLE-ACTING
- PLOW LIGHT BRACKET MOUNTED TO FACTORY MIRROR BRACKET ON FENDER
- PLOW LIGHTS; ABL; COMPOSITE HOUSING; BLACK
(REQUIRES MINIMUM OF 18" FRONT FRAME EXTENSION)

11' MONROE TORSION TRIP EDGE REVERSIBLE PLOW
- 10 GAUGE ROLL FORMED MOLDBOARD
- (6) 1/2" X 4" TAPERED ONE-PIECE FLAME CUT RIBS
- 2" X 3" X 3/8" TOP ANGLE
- 4" X 4" X 3/4" BOTTOM ANGLE
- (6) NON- ADJUSTABLE 3/4" TORSION SPRING ASSEMBLIES FOR A 3-SECTION TRIP EDGE
- 5/8" X 6" THREE-PIECE TOP PUNCH CUTTING EDGE
- 4" X 4" X 3/8" CROSS-TUBE SUPPORT
- 3-1/2" X 3-1/2" X 1/2" SEMI-CIRCLE
- (2) 3" X 10" DOUBLE ACTING REVERSE CYLINDERS WITH CUSHION VALVE
- BUILT-IN MONROE LEVEL LIFT ASSEMBLY
- MOLDBOARD AND PUSHFRAME TO BE 100% CONTINUOUSLY WELDED
- MOLDBOARD POWDER COATED ORANGE
- PUSH FRAME POWDER COATED BLACK
- (2) WRAP-AROUND CURB GUARDS (ONE PER SIDE)
- 42" ORANGE CABLE MARKERS (INSTALLED)
- QUICK LINK SWIVEL PLATE, PLOW PORTION; 100#
- PAIR OF 3" X 8" STEEL WHEELS W/ SCREW ADJUSTABLE JACK ASSEMBLIES; 160#
- 11' RUBBER SNOW DEFLECTOR, 12", S/I INSTALLED
- MAIL BOX TRIM (RIGHT SIDE)

MONROE 10' MF-5 MODEL FIXED ANGLE UNDERBODY SCRAPER
- 1" X 20" MOLDBOARD
- SINGLE SHOCK ABSORBER
- (1) 3" ACTUATING CYLINDER
- FIXED ANGLE MOLDBOARD IN RIGHT OR LEFT-HAND POSITION
- 400 PSI CUSHION VALVE
- 1 9/16" HINGE SHAFTS
- MOUNTING SET SCREWS TO FACE OUTWARD
- HINGED ANCHOR PLATES
- (2) WRAP-AROUND CURB GUARDS (ONE MOUNTED ON EACH SIDE)
- CUT CORNER OFF RIGHT SIDE OF SCRAPER
- STD CUTTING EDGE
- CLEAR WORK LIGHT (TRUCK-LITE)
* AUTO REVERSE LIFT
- POWDER COATED BLACK

Description	Amount

MONROE UNDER-TAILGATE SPREADER, 96" WIDE, DIRECT DRIVE
- 7 GA. TROUGH
- 1/4" END PLATES
- FULL OPENING TOP AND BOTTOM CLEAN-OUT DOORS
- 6" AUGER DIAMETER
- QUICK DETACH MOUNTING BRACKETS
- BUILT IN EXTENDED SIDE SHIELDS FOR SPREADER (NO INTERNAL)
- BARE STAINLESS STEEL (NOT PAINTED)
- SPINNER; LH STAINLESS STEEL FRAME W/ POLY DISC, SELF LEVELING W/O RODS
- CLEAR WORK LIGHT (TRUCK-LITE)
- SPRAY BAR KIT; 3/4" STAINLESS STEEL TUBE INSIDE AUGER TROUGH
- INSTALLED

Quote Total: $107,351.00

***Due to current market conditions, pricing is subject to change at time of upfit.*

Additional Options:

Description	Amount	Add to quot
		Yes /

Terms & Conditions

- Terms are Due Upon Receipt unless prior credit arrangements are made at the time of order.
- Please note if chassis is furnished, it is as a convenience and terms are Net Due on Receipt of Chassis.
- State and Federal taxes will be added where applicable. **Out-of-state municipal entities may be subject to Wisconsin sales tax.**
- Restocking fees may be applicable for cancelled orders.
- MTE is not responsible or liable for equipment that does not meet local/state regulations if those laws are not made known at time of order.

By signing and accepting this quote, the customer agrees to the terms listed above and has confirmed that all chassis information listed above is accurate to chassis specs.

Re-Assign (Required for all pool units):	☐ Fleet	☐ Retail	**Customer P.O. Number:**	**Dealer Code:**	**Sourcewell Member Number:**
MSO/MCO (ONLY check if legally required):	☐ MCO	☐ MSO			
Customer Signature:				**Date of Acceptance:**	

Attachment: Monroe Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Sourcewell Formerly NJPA
Awarded Contract
080818-BNL

Quote

Order Number: 0158383
Order Date: 2/28/2022

Delivery Ticket only do not remit from the Sales Order. Invoice will arrive in the mail.

Single -Axle for Comparison Only

Bill To: 0005201
VILLAGE OF PALATINE
148 W ILLINOIS AVE
PALATINE, IL 60067-6816

Ship To:
VILLAGE OF PALATINE
148 W ILLINOIS AVE
PALATINE, IL 60067-6816

Phone: (847) 202-6978 Fax: (847) 358-4242 pwinvoices@palatine.il.us
Confirm To: JIM KEATS
Comment: SINGLE AXLE

Phone:
Fax:

Customer P.O.	Ship VIA	F.O.B.	Terms
			Net 30 Days

Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**TRUCK PACKAGE**		125,504.29	125,504.

APPLICATION: ONE NEW UNKNOWN SINGLE AXLE CLASS 7 SNOW AND ICE TRUCK WITH A 108" CAB TO AXLE MEASUREMENT. AUTOMATIC TRANSMISSION WITH LIVE PTO PROVISIONS, FACTORY SNOW PLOW PREP PACKAGE, FACTORY GROUND SPEED CONNECTION POINT.
FACTORY FRAME EXTENSIONS ARE REQUIRED.

INCLUDES INSTALLATION OF THE FOLLOWING EQUIPMENT:

- DUMP BODY
- CAB SHIELD INSTALLED ON BODY
- HYDRAULIC SYSTEM
- ELECTRICAL & LIGHTING
- CONSOLE AND CONTROLS
- REAR TOWING HITCH
- PLOW HITCH
- SNOW PLOW
- FIXED UNDER BODY SCRAPER
- UNDER TAILGATE SPEADER
- PREWET SYSTEM, (MOUNTED BEHIND CAB)

THE FOLLOWING ADDTIONAL ITEMS ARE INCLUDED:

- FRAME COATING, (BLACK PPG AMERSHIELD PAINT)

INSTALLED EQUIPMENT DETAILS ARE LISTED BELOW:

1.00 EACH **/PRODUCTS SURCHARGE**
SC.120.31

BASE TRUCK PACKAGE SURCHARGE

1.00 EACH **DUMP BODY**

- DURACLASS 10'-0" HI-TEN CARBON STEEL DUMP BODY
- CROSSMEMBERLESS
- DOUBLE ACTING UNDER BODY HOIST
- FORMED LONGSILLS OF 3/16" COR-TEN STEEL
- 1/4" AR450 ABRASION RESISTANT FLOOR
- 28" 3/16" HI-TEN SIDES-(ONE HORIZONTAL BRACE)
- 38" 3/16" HI-TEN FRONT
- 38" 3/16" HI-TEN VERTICAL TAILGATE-(TWO VERTICAL BRACES)
- COR-TEN CORNER POST
- MANUAL OPERATED TAILGATE LATCH

Attachment: Bonnell Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

6.C.1.C.f

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PALATINE, IL 60067-6816

Phone: (847) 202-6978 Fax: (847) 358-4242 pwinvoices@palatine.il.us
Confirm To: JIM KEATS

Phone:
Fax:

Comment: SINGLE AXLE

Customer P.O.	Ship VIA	F.O.B.	Terms
			Net 30 Days

Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		- GREASABLE TAILGATE LINKAGE INCLUDING UPPER HINGE - STAINLESS STEEL TAILGATE LATCH LINKAGE - ONE COAL DOOR CENTERED INSTALLED - LABOR TO INSTALL CUSTOM CAB SHIELD - 2 RUNG UNDERBODY LADDER INSTALLED - TWO SHOVEL HOLDERS-1 PER SIDE INSTALLED - RIGID REAR RUBBER MUD FLAPS INSTALLED - RUBBER FRONT MUD FLAPS INSTALLED - (2) OBLONG LIGHT HOLE CUTOUTS IN EACH CORNER POST - TRIPLE FLASHER BRACKET MOUNTED OUTSIDE OF CORNER POST - CONDUIT FOR WIRING CAB SHIELD LIGHTS - 2" WIDE GRIP STRUT SIDE RAIL INSTALLED - PREPPED FOR NEW TAILGATE SPREADER - INTEGRAL T-GATE SHIELDS & HARDWARE FOR T-GATE PROPS - 9" WIDE STAINLESS SPILL PAN INSTALLED - BODY TOP BE PAINTED SINGLE STAGE ONE COLOR - BODY PAINTED TO MATCH CAB			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		DUMP BODY SURCHARGE			
1.00	EACH	**CAB SHIELD**			
		. CONFIGURED AS FOLLOWS: *MATERIAL IS TO BE 201 STAINLESS STEEL. *PAN WIDTH- 18". *WIDTH- DETERMINED. *HEIGHT TO BE DETERMINED TO BOTTOM OF PAN. *DOUBLE 600 SERIES OR M6 LIGHT BRACKETS. *BLASTED, PRIMED, AND PAINTED. *COLOR- SINGLE STAGE ONE COLOR. **LIGHTING CODE: 11311			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		CAB SHIELD SURCHARGE			
1.00	EACH	**HYDRAULIC SYSTEM**			
		- PTO: CHELSEA 890 SERIES - PUMP: TXV92 - ADD-A-FOLD HYDRAULIC VALVE TO OPERATE:			

Attachment: Bonnell Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

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Confirm To: JIM KEATS Comment: SINGLE AXLE

Phone:
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Customer P.O.	Ship VIA	F.O.B.	Terms
			Net 30 Days

Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		HOIST, PLOW, SCRAPER, PREWET, AUGER, SPINNER - "FORCE" ULTRA CONTROL ARM - "FORCE" 6100 GEN5 SPREADER CONTROLLER - "FORCE" VT35 LOW PROFILE STAINLESS STEEL TANK AND LID - LOW OIL/HIGH TEMP AUTO SHUTDOWN SYSTEM - EATON HP171 SERIES WITH SENSOR HIGH PRESSURE FILTER - CLOSED LOOP PREWET CABLE - CLOSED LOOP GRANULAR SENSOR - BONNELL CONSOLE FOR ULTRA CONTROLLER ARM			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		HYDRAULICS SURCHARGE			
1.00	EACH	**ELECTRICAL**			
		- ALL LED LIGHTING UNLESS OTHERWISE NOTED - BONNELL IGNITION ACTIVATED BATTERY RELAY DISCONNECT SYSTEM - BODY UP SWITCH WITH INDICATOR LAMP - BONNELL WIRE HARNESSES - ELECTRIC BRAKE CONTROLLER INSTALLED CAB ROOF LIGHTING AND ACCESSORIES - WHELEN 17M IDOT LIGHT BAR AS FOLLOWS: * FOUR CORNER FLASHERS * TWO FRONT FACING FLASHERS * 2 FRONT FACING SCENE LIGHTS PLOW LIGHTING - ABL-3830-0080 LED PLOW LIGHTS ON STAINLESS STEEL GRILL MOUNTED BRACKETS BODY LIGHTING - ONE PAIR OBROUND STT IN REAR POSTS - ONE PAIR OBLONG BACKUP LIGHTS IN REAR POSTS - ONE AMBER/WHITE/AMBER FLASHER MOUNTED IN A STAINLESS HOUSING ON OUTSIDE OF EACH CORNER POST - MARKER LIGHTS PER FMVSS STANDARDS REAR HITCH AND CHASSIS LIGHTING			

Attachment: Bonnell Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

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Phone:
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Customer P.O.	Ship VIA	F.O.B.	Terms
			Net 30 Days

Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		- ONE PAIR WHELEN 60BTT STT LIGHTS ON REAR HITCH - PM-290C LICENSE PLATE LIGHT ON REAR HITCH - ICC THREE LIGHT CLUSTER ON REAR HINGE OF BODY - VEL-697112 BACK UP ALARM ON REAR HITCH OR FRAME EQUIPMENT WORK LIGHTS AND FLASHERS - ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER - ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD - BOTH LIGHTS ON SAME SWITCH - ONE ABL SCRAPER WORK LIGHT MOUNTED TO CHASSIS			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		ELECTRICAL SURCHARGE			
1.00	EACH	**REAR HITCH** - REAR HITCH TYPE: CUSTOM REAR HITCH PER BELOW - 3/4" CARBON STEEL PLATE - STD PINTLE MTG HEIGHT - 2.5" RECEIVER TUBE WITH PH20 ON 2.5" MULTI-HOLE INSERT - TRAILER PLUG: 7 FLAT PIN RV STYLE - CUTOUTS FOR 600 SERIES REAR LIGHTS - 5/8" CARBON STEEL D-RINGS			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		REAR HITCH SURCHARGE			
1.00	EACH	**PLOW HITCH** PLOW HITCH FOR A FREIGHTLINER 108SD INSTALLED ON NEW TRUCK PACKAGE			
1.00	EACH	**HFF-QLX** Heavy Front Frame Side Plate Hitch with QLX Front Frameand and Offset Lift Arm. (QL2 Quick Link Receiver built into Lower section)			
1.00	EACH	**H10170** 4in X 10in Double Acting Cylinder W/Nitrided Rod			

Attachment: Bonnell Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Sourcewell Formerly NJPA
Awarded Contract
080818-BNL

Quote

Order Number: 0158383
Order Date: 2/28/2022

Delivery Ticket only do not remit from the Sales Order. Invoice will arrive in the mail.

Bill To: 0005201
VILLAGE OF PALATINE
148 W ILLINOIS AVE
PALATINE, IL 60067-6816

Ship To:
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Phone: (847) 202-6978 Fax: (847) 358-4242 pwinvoices@palatine.il.us
Confirm To: JIM KEATS
Comment: SINGLE AXLE

Phone:
Fax:

Customer P.O.	Ship VIA	F.O.B.	Terms
			Net 30 Days

Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**H10190** Telescopic Lift Arm in Lieu of Rigid Lift Arm			
1.00	EACH	**H10300** IDOT Grill mounted Light Brackets			
1.00	EACH	**H10415** Cross Over Relief Valve Bracket Only (no valve)			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		PLOW HITCH SURCHARGE			
1.00	EACH	**PLOW** CONFIGURED AS FOLLOWS: YES PAINTED: ORANGE POLYURETHANE ENAMEL NO EXTRA RIBS EXTRA RIBS			
1.00	EACH	**11ST42TT7** Base Model 11ST42TT7 Straight Steel Snow Plow 11'-0" Cutting Edge X 42" Straight Height Torsion Trip Cutting Edge (4) 3/4" Round Wire Trip Springs Metropolitan Table/A-Frame Assembly (2) 3X10 Reversing Cylinders (5) Table To Moldboard Hookup Points			
1.00	EACH	**P10130** Level Raise Lift System with Lift Chains for High Country Plows (MX1 & MC1)			
1.00	EACH	**P10260** QL-Quick Link swivel bar (plow section installed) (Flink Style and Penn Dot)			
1.00	EACH	**P10340** 10" Kingpinless steel casters (Set of 2 installed)			
1.00	EACH	**P10400**			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		3/4" Bottom Angle (ILO Standard)-Moldboard Weldment Angle			
1.00	EACH	**P10401** 3/4" Bottom Angle (ILO Standard) Trip Edge Angle (for trip edge plows)			
1.00	EACH	**P10410** Cove cut on on curb side end of moldboard			
1.00	EACH	**P10425** 3/8" x 12" Rubber flap kit installed			
1.00	EACH	**P10446** Three trip sections on Torsion Trip plows (in lieu of standard single section)			
1.00	EACH	**P10470** 36" Blaze orange markers			
1.00	EACH	**P10500** Standard 5/8" x 6" C1084 Steel Cutting Edge			
1.00	EACH	**P10531** 3/4" x 6" Universal curb shoe (Installed on right end of plow)			
1.00	EACH	**P10532** 3/4" x 6" Universal curb shoe (Installed on left end of plow)			
1.00	EACH	**P10555** 1/2" Quick Couplers installed (one set/per plow) pioneer PHD-4000-4			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		PLOW SURCHARGE			
1.00	EACH	**SCRAPER**			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
1.00	EACH	**UBS120-FPD**			
Location: 760		10' UNDERBODY SCRAPER FIXED ONE-WAY, POWER DOWN MOLDBOARD IS 5/8" THICK X 20" TALL X 10" LONG SCRAPER HAS (1)-3" X 10" WITH A 7/8" X 6" X 18-1/2" CUSHION SPRING SCRAPER MAY BE FIX MOUNTED FROM 35-45 DEGREES AND DISCHARGE TO THE RIGHT OR LEFT UNITS ARE SAND BLASTED, PRIMED AND PAINTED WITH BLACK POLYURETHANE PAINT NO HOSES OR RELIEF VALVE INCLUDED			
1.00	EACH	**S10100** Carbide cutting edges installed in lieu of standard 3/4" x 6" CSB edges. (price is per foot)			
1.00	EACH	**S10120** 5/8" x 6" Carbide Bullnose Curb shoes installed. (Price is per pair)			
1.00	EACH	**/PRODUCTS SURCHARGE** **SCRAPER SURCHARGE**			
1.00	EACH	**UT SPREADER** - UNDER TAILGATE SPREADER CONFIGURED AS FOLLOWS:			
1.00	EACH	**U696-DD-S2** Under Tailgate Spreader 6" Auger X 4" Pitch X 96" Overall length Direct Drive Motor with 22.6 CI displacement 201 Stainless Steel Includes Mounting Kit and Tailgate Shields Unpainted unless Otherwise Specified			
1.00	EACH	**U10100** Single Drop Port 24in From Left End Of The Spreader. Standard On A 6in Spreader. Reverse Flighted Auger			
1.00	EACH	**U10200** Single Spinner Assembly Mounted At Standard Drop Port. (Standard On All Spreaders).			

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri
		18" Poly Spinner with 2.8 Cubic Inch Spinner Motor			
1.00	EACH	**U10369**			
		Custom Tailgate Prop/Shield Combo Installed. (Must have dump body to build and install these)			
1.00	EACH	**U10390**			
		72" Spray Bar Installed In Spreader Body			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		UNDER TAILGATE SPREADER SURCHARGE			
1.00	EACH	**PREWET SYSTEM**			
		BONNELL CONFIGURED PREWET SYSTEM - PREWET SYSTEM CONFIGURED AS FOLLOWS:			
1.00	EACH	**BC-120P-1-150**			
		Behind the Cab Prewet System with one 120 Gallon Poly Tank, Stainless Steel Tank Brackets, and 1-1/2in Plumbing.			
1.00	EACH	**L10120**			
		Hydraulic Prewet Pump in a Stainless Enclosure to Operate a Closed Loop System. Includes an IP68 Wire Connection for Feedback Signal.			
1.00	EACH	**L10315**			
		2in Male Quick Fill Kit Installed.			
1.00	EACH	**L10327**			
		Automatic 3-Way Valve in lieu of in line check valve. (Used on 6100 controllers only) Installed.			
1.00	EACH	**L10355**			
		Flush Kit. (Includes small poly flush tank) Installed.			
1.00	EACH	**/PRODUCTS SURCHARGE**			
		PREWET SYSTEM SURCHARGE			

Attachment: Bonnell Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

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Ordered	Unit	Item Number	D/S	Each Price	Extended Pri

Attachment: Bonnell Single-Axle Outfitting Quote (Pre-Purchase One Five-Ton Dump Truck)

15% RESTOCKING FEE ON RETURNED ITEMS

NO RETURNS ON ELECTRICAL ITEMS

BS1

Net Order:	125,504.
Less Discount:	0.
Freight:	0.
Sales Tax:	0.
Order Total:	125,504.
Less Deposit:	0.00
Order Balance:	125,504.29

Please Pay From Invoice
1-1/2% Per Month (18% Annual Rate) Finance Charge Will Be Added to Past Due Accounts

Salesperson: 0009 Joey Bonnell

Consider a Motion to Award a Contract for the 2022 Parking Lot Resurfacing Project

BACKGROUND:
As part of the 2022 Capital Improvement Program, three parking lots were identified for pavement maintenance. The lots include Lot B between the train station and Emmett's, Lot C at 50 West Wood Street, and Lot F on Railroad Avenue between Brockway to Bothwell Streets. The proposed project includes pavement resurfacing, patching, and curb and gutter removal and replacement.

KEY ISSUES:

- The Village recently accepted very favorable bids for the annual street resurfacing program.
- The resurfacing of the parking lots requires tight logistical control so as to not disrupt the operations of adjoining businesses as well as the Farmer's Market transition from their winter to regular schedule in May.
- Staff is concerned over rising prices in resurfacing-related contracts and given the favorable prices received for our Village-wide program, contractor availability in March and April, and the ability to expedite, we reached out to see if Arrow Road Construction would honor the pricing from their street resurfacing contract and expand their spring work with the Village.
- The work is proposed to begin in late March to early April and be expedited by the contractor to complete Lot B prior to the first summer Farmers' Market on May 7.

ALTERNATIVES:

1. Approve the waiver of the bidding requirements and authorize the Village Manager to negotiate and award the contract for the 2022 Parking Lot Resurfacing to Arrow Road Construction.
2. Refer back to Staff with comments.

RECOMMENDATION:
It is recommended that the formal bid process be waived and the Village Manager be authorized to execute the contract for the 2022 Parking Lot Resurfacing with Arrow Road Construction.

BUDGET IMPACT:
Funds for this project in the amount of $329,450 were suspended during COVID-19 and are to be coupled with 2022 funds of $100,000 that have been appropriated in the 2022 Capital Improvement Program budget from the Downtown TIF to accommodate this work. Savings of approximately $125,430.

ACTION REQUIRED:
Motion to waive the formal bidding requirements and authorize the Village Manager to negotiate and award the contract for the 2022 Parking Lot Resurfacing to Arrow Road Construction Company of Elk Grove Village, Illinois in the amount of $304,010.45.

ATTACHMENTS:

- 2022 Parking Lot Resurfacing Proposal
- 2022 Parking Lot Resurfacing Project Location Map

RESULT:	**APPROVED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

VILLAGE OF PALATINE

EXHIBIT A - UNIT PRICES

PARKING LOT IMPROVEMENTS

PARKING LOT B, C & F

Item No.	Code	Description	Unit	Estimated Quantity	Unit Price	Extended Tota
1	20200100	EARTH EXCAVATION	CU YD	20	$10.00	$200
2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10	$10.00	$100
3	28000510	INLET FILTERS	EACH	11	$121.55	$1,337
4	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	15	$20.00	$300
5	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	$250.00	$2,500
6	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	102	$17.35	$1,769
7	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	342	$137.70	$47,093
8	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	744	$111.40	$82,881
9	40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,000	$1.10	$5,500
10	42001300	PROTECTIVE COAT	SQ YD	46	$12.15	$558
11	42400800	DETECTABLE WARNINGS	SQ FT	10	$42.55	$425
12	44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	2,132	$11.55	$24,624
13	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	4,417	$5.70	$25,176
14	44000300	CURB REMOVAL	FOOT	255	$8.50	$2,167
15	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	100	$8.50	$850
16	44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	170	$18.00	$3,060
17	44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	170	$18.00	$3,060
18	44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	170	$17.00	$2,890
19	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	170	$16.00	$2,720
20	60600605	CONCRETE CURB, TYPE B	FOOT	255	$54.70	$13,948
21	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	100	$54.70	$5,470
22	67100100	MOBILIZATION	L SUM	1	$14,821.00	$14,821
23	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	65	$6.10	$396
24	78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	4,842	$0.75	$3,631
25	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	57	$4.90	$279
26	X0326864	BRICK SIDEWALK REMOVAL	SQ FT	135	$9.75	$1,316
27	X0540000	BRICK PAVERS	SQ FT	135	$17.00	$2,295
28	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	11	$790.00	$8,690
29	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$27,270.00	$27,270
30	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	$2,500.00	$2,500
31	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	75	$18.25	$1,368
32	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	4,231	$3.50	$14,808
					Total	$304,010.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Submitted by: Nick Eichenold
(Contractor)

Signed: Nick Eichenold, VP

Date: 2/18/22

Attachment: 2022 Parking Lot Resurfacing Proposal (2022 Parking Lot Resurfacing Project)

Village of Palatine GIS Viewer

Attachment: 2022 Parking Lot Resurfacing Project Location Map (2022 Parking Lot Resurfacing Project)

Motion Authorizing the Village Manager to Enter into an Agreement with Simple Recycling for a Community Textile Recycling Program

BACKGROUND:
In March 2021, a group of residents requested Staff explore the textile recycling program in place in other surrounding communities. This was already part of the work program for 2021 but was expedited based upon the resident requests. Staff researched the program, but due to delays caused by the pandemic, Simple Recycling was not taking on new communities. Recently, Simple Recycling has redesigned their municipal textile recycling program and is accepting new communities. This free and voluntary program allows residents to recycle textiles and small household electronics, diverting them from landfills.

KEY ISSUES:

- On March 1, 2021, residents requested staff to explore the Textile Recycling program at a Village Council Meeting.
- Simple Recycling currently services 14 municipalities in the Chicago area.
- The program is free and voluntary to residents.
- Residents must call or use the website to request a pickup. Items are left in a bag or box at the front door before the reserved collection time.
- This program accepts materials that are worn, soiled or in disrepair, which normal donation centers would not accept.
- The proposed agreement (see attached) includes conditions for monthly collection reports, vehicle requirements, and 30-day termination notice.
- The Village will receive $0.05 per pickup of Soft Recyclables in Palatine. This is expected to slightly reduce the landfill tonnage volume charged by SWANCC. The annual diverted tonnage expected is approximately 20lbs per household.

ALTERNATIVES:

1. Authorize the Village Manager to execute the agreement.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends action at the Village Council's discretion.

ACTION REQUIRED:
A motion Authorizing the Village Manager to Enter into an Agreement with Simple Recycling for Community Textile Recycling Program.

ATTACHMENTS:

- FINAL VOP and Simple Recycling Agreement 2022

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

AGREEMENT FOR COLLECTION OF SOFT RECYCLABLES

This Agreement for the Collection of Soft Recyclables ("Agreement") is made and entered into this___ day of _____, 2022, (the "Date of Execution") by and between the Village of Palatine a municipal corporation with an address at 200 E. Wood Street Palatine, Illinois 60067 (herein referred to as "VILLAGE"), and Simple Recycling Illinois, a Illinois corporation with a business address at 5425 Naiman Parkway, Solon, OH 44139 (together which with its successors and assigns, herein referred to as "Contractor").

W I T N E S S E T H:

WHEREAS, Contractor is skilled and experienced in the collection and efficient recycling and disposition of Soft Recyclables; and

WHEREAS, the VILLAGE desires to limit and restrict the quantity of Soft Recyclables which are deposited in the landfill; and

WHEREAS, the VILLAGE has selected Contractor to collect, identify, haul, recycle and/or dispose of Soft Recyclables in the VILLAGE'S Service Area; and

WHEREAS, Contractor can provide such services and is in the business of and has the expertise, experience, resources and capability to perform the collecting, identifying, packaging, hauling, recycling and/or disposing of Soft Recyclables; and

Now, THEREFORE, in consideration of the premises and material promises set forth below and other consideration the receipt and sufficiency of which is hereby acknowledged by the parties, Contractor and the VILLAGE (herein collectively called the "Parties") hereby agree as follows:

1. **Term.** This Agreement shall begin upon the Date of Execution and continue for an initial term of four (4) years (the "Initial Term"). At the end of the Initial Term Contractor and the VILLAGE have the right to renew for and unlimited number of additional four (4) year terms upon mutual agreement (such term an "Extension Term" and collectively, the "Term"). Unless either Party provides written notice to the other Party at least sixty (60) days prior to the end of the Initial Term, the Term shall automatically renew for the Extension Term. During the Term, Contractor shall have the sole and exclusive rights to collect and pick up Soft Recyclables in the VILLAGE'S Service Area through municipal contracted pick up as well as municipal contracted collection events and location.

2**. Collection Procedures.** During the Term and after the Date of Commencement, Contractor shall collect all acceptable Soft Recyclables set-out for recycling and collection by Residential Customers. The decision of what is an "acceptable" Soft Recyclable shall be made in the sole reasonable discretion of

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

Contractor. However, in no event shall Contractor be required to accept any Excluded Items (excluded items include, but are not limited to the following items: garbage, hazardous waste, carpet, newspapers, mattresses, large furniture, large appliances, yard waste) and in no event shall Contractor provide service to Commercial Customers. Contractor shall not be responsible for collecting Soft Recyclables which have fallen or been placed Curbside but are not in a Container. Contractor agrees to operate collection vehicles in such a manner to prevent materials from being blown from the vehicle. If at any time during collection and transport, Soft Recyclables are spilled onto a street, sidewalk, or private property, Contractor shall clean up and place in the collection vehicle all Soft Recyclables before the vehicle proceeds to the next stop on the collection route or shall promptly make all other reasonably necessary arrangements for the immediate clean-up of spilled Soft Recyclables. Contractor agrees to remove and dispose of all Soft Recyclables at no cost to the VILLAGE.

3. **Ownership.** Soft Recyclables set out for collection on the regularly scheduled collection day shall belong to Contractor from the time of its set-out. Soft Recyclables physically collected by Contractor shall be deemed acceptable Soft Recyclables for the purposes of its obligations under this Agreement.

4. **Set Out Procedures.** Residents shall be offered free scheduled pickup service on www.SimpleRecycling.com, or by phone with Simple Recycling. Residents shall be instructed to place Soft Recyclables into Containers and placed Containers outside front door for collection and labeled for Simple Recycling. Overflow material shall be placed adjacent to the Container(s) in plastic bags or other easily handled container. Soft Recyclables shall not be set out in tied bundles. Contractor must collect all Soft Recyclables that are set out in this manner.

5. **Contamination and Improper Set Out.** If Contractor encounters any improperly packaged Soft Recyclables or other contaminants in the Container, Contractor may leave those materials in the Container or remove them from the Container and leave them Curbside. Contractor must place a tag on the contaminant(s) that is not collected, collect the acceptable items, and leave contaminants at Curbside.

6. **Collection Schedule.** Collections shall be made from Service Recipients on a schedule set by the contractor.

Contractor shall not be required to perform any service under this Agreement on Holidays. Contractor may interrupt the regular schedule and quality of service because of street repairs, snow or other closures of public routes, which in Contractor's sole reasonable discretion makes the pick-up of the Soft Recyclables from a Service Recipient impracticable under the circumstances.

7**. Missed Collections and Complaints.** Service Recipients shall be instructed by the VILLAGE to report missed collections and complaints to the Contractor. The Program Brochure and other program information shall include contact information for the Contractor to facilitate communication from Service Recipients. Contractor shall give prompt and courteous attention to all reported missed collections and complaints.

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

8. **Inventory of Containers.** Containers shall be provided by the resident. Acceptable containers include plastic, paper bags and boxes.

9. **Contractor's Fee.** Contractor shall pay to the Village a contract fee of five cents ($0.05) per pickup of Soft Recyclables scheduled and collected via SimpleRecycling.com or the toll free phone number in the Village's portion of the residential Service Area. Payments and estimated collection weight reports shall be made to Village not more than thirty (30) days following the close of each calendar quarter during the term of this Agreement. Estimated weight shall be collected and documented upon completion of each collection day. Under no circumstance will the Village, its residents or Service Recipients incur any fees, charges or assessments to the Contractor for Contractor's delivery of services under this Agreement.

10. **Public Information and Education Program.** The Village agrees to notify residents of program through existing communications channels a minimum of six (6) times in each calendar year at no cost to contractor. The Village agrees to work with the Contractor to update the municipal website with new program information. Examples of communication channels include: Social media, email, newsletters, publications, school events, etc.

11. **Telephone and Customer Service.** Contractor shall maintain and staff a local toll-free telephone number where complaints of Service Recipients shall be received, recorded and handled by Contractor, between the hours of 9:00 AM and 4:30 PM Monday through Friday, excluding Holidays. Typically, all "call backs" shall be attempted a minimum of one time prior to 6:00 p.m. on the day of the call.

12. **Marketing and Disposition of Recyclable Material.** Contractor shall be solely responsible for the marketing and sale of collected Soft Recyclables, and shall be solely responsible for the storage and disposition of the Soft Recyclables in the event it is unable to sell the Soft Recyclables in a timely manner.

13. **Insurance.** Contractor will maintain insurance for claims under the Worker's Compensation Laws, and from General Liability and Automobile claims for bodily injury, death, or property damage, insurance caused by the negligent performance by Contractor's employees of the functions and services required under this Agreement.

Contractor shall be required to purchase and maintain during the life of the Agreement, the following required insurance with limits of not less than set forth below:

a. COMMERCIAL GENERAL LIABILITY INSURANCE Coverage on an occurrence basis that insures against claims for bodily injury (including death), property damage and personal and advertising injury arising out of or in connection with any Services under the Agreement, whether such operations or services are by the Contractor or a subcontractor. The minimum limits of liability for this insurance are as follows:

a) $1,000,000 combined single limit- each occurrence.

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

b) $1,000,000 personal and advertising injury.
c) $2,000,000 combined single limit - general aggregate; and
d) $1,000,000 combined single limit - products/completed operations aggregate.

This insurance shall include coverage for all the following:

1) Liability arising from premises and operations.
2) Liability arising from the actions of independent contractors.
3) Liability arising from products and completed operations with such coverage to be maintained for two (2) years after termination of the Agreement.
4) Contractual liability including protection for the Contractor from bodily injury (including death) and property damage claims arising out of liability assumed under any resulting Agreement; and

On all Commercial General Liability Insurance policies, the VILLAGE, its elected and appointed officials, and its employees shall be named as additional insureds, on a primary and non-contributory basis. The endorsements evidencing the additional insured status required herein shall accompany the certificates of insurance furnished to the VILLAGE under this Section.

14. **Taxes.** Contractor agrees to save the VILLAGE harmless from any and all taxes or assessments of any kind or nature levied by any political subdivision upon Contractor by reason of services rendered for Soft Recyclables and disposal for the VILLAGE.

15. **Employee Conduct.** All Contractor personnel must maintain a courteous and respectful attitude toward the public at all times. At no time may they solicit, request or receive gratuities of any kind. Contractor must direct its employees to avoid loud and/or profane language at all times during the performance of duties. Any employee of Contractor who engages in misconduct or is incompetent or negligent in the proper performance of duties or is disorderly, dishonest, intoxicated, or discourteous must be removed from service under this contract by Contractor.

16. **Monthly Reports.** Contractor shall provide monthly project status reports. These reports will be due within fifteen (15) days of the close of the month being reported. At a minimum, the reports shall include detailed data to allow analysis of collection and processing efficiencies including pounds of Soft Recyclables collected in the prior month and the payment of the required fee to the VILLAGE.

17. **EQUIPMENT**. Equipment Used by Contractor: The Contractor agrees to collect all Soft Recyclable materials described in this Agreement in fully enclosed, leak-proof, modern vehicles. The VILLAGE shall have the right to inspect all vehicles to ensure that the vehicles are safe and capable of collecting Soft Recyclable materials.

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

18. **Inspections.** Upon reasonable advanced request to Contractor, the VILLAGE may inspect the facilities, equipment and operations of Contractor to assure itself of the appearance and compliance with provisions of this Agreement. Upon reasonable advance request, the VILLAGE may review the records kept on the Soft Recyclables collected under the terms of this Agreement to test and validate the weights claimed. The VILLAGE agrees to notify Contractor, in writing, at least forty-eight (48) hours prior to any such inspection.

19. **Compliance with Laws and Regulations.** Contractor agrees that, in performance of work and services under this contract, Contractor will qualify under and comply with any and all applicable federal, State and local laws and regulations now in effect, or hereafter enacted during the Term, which are applicable to Contractor, its employees, agents or subcontractors, if any, with respect to the work and services described herein.

20. **Termination and Breach**. In the event of a breach of the terms and conditions of this Agreement by either Party hereunder, the non-breaching Party may elect to terminate this Agreement by providing the defaulting Party with a written notice of such default, and allowing the breaching Party a period of thirty (30) days from and after the date of such notice to cure the breach complained of to the satisfaction of the non-breaching Party. In the event said breach is not cured within the thirty (30) day period, this Agreement shall be terminated (for-cause) as of the last day of the period.

21. **Severability.** Should one or more of the provisions of this Agreement be held by any court to be invalid, void or unenforceable, the remaining provisions shall nevertheless remain and continue in full force and effect, provided that the continuation of such remaining provisions does not materially change the original intent of this Agreement.

22. **Independent Contractor Status.** In the performance of services pursuant to this Agreement, Contractor shall be an independent contractor and not an officer, agent, servant or employee of the VILLAGE. Contractor shall have exclusive control over the details of the service and work performed and over all persons performing such service and work. Contractor shall be solely responsible for the acts and omissions of its officers, agents, employees, Contractors and subcontractors, if any. Neither Contractor nor its officers, agents, employees or subcontractors shall obtain any right to retirement benefits, Workers' Compensation benefits, or any other benefits which accrue to the VILLAGE employees and Contractor expressly waives and claim it may have or acquire to such benefits.

23. **Definitions.**

a. Commercial Customer: The term "Commercial Customer" means non-residential customers, including businesses, public or private schools, institutions, governmental agencies and all other users of commercial-type Garbage collection services.

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

b. Container: The term “Container” means a bag or box, supplied by the Residential Customer to set out Soft Recyclables.

c. Excluded Items: The term “Excluded Items” means Garbage, Hazardous Waste, large furniture, large appliances such as refrigerators, stoves, washers and dryers, magazines, newspapers, car seats, cribs, mattresses, paint, tires, cleaners, etc. and any item heavier than fifty (50) pounds.

d. Garbage: The term “Garbage” means all putrescrible and non-putrescrible solid and semi-solid wastes, including, but not limited to, rubbish, ashes, industrial wastes, grass, yard debris, leaves, swill, demolition and construction wastes, dead animals piles of debris, car parts, construction or demolition debris, any item that would be considered Hazardous Waste, or stumps.

e. Hazardous Waste: The term "Hazardous Waste" means any hazardous, toxic or dangerous waste, substance or material, or contaminant, pollutant or chemical, known or unknown, defined or identified as such in any existing or future local, state or federal law, statute, code, ordinance, rule, regulation, guideline, decree or order relating to human health or the environment or environmental conditions, including but not limited to any substance that is defined as hazardous by 4 0 C .F .R. Part 2 61 and regulated as hazardous waste by the United States Environmental Protection Agency under Subtitle C of the Resource Conservation and Recovery Act ("RCRA") of 1976, 42 U.S.C. § 6901 et seq., as amended by the Hazardous and Solid Waste Amendments ("HSWA") of 1984; the Toxic Substances Control Act, 15 U.S.C. § 2601 et seq.; or any other federal statute or regulation governing the treatment, storage, handling or disposal of waste imposing special handling or disposal requirements similar to those required by Subtitle C of RCRA or any Illinois statute or regulation governing the treatment, storage, handling or disposal of wastes and imposing special handling requirements similar to those required by federal law.

f. Holiday: The term “Holiday” means the following days: New Year’s Day, Martin Luther King’s Day, President’s Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran’s Day, Thanksgiving Day and Christmas Day, unless otherwise specified by the VILLAGE’s recycling holiday schedule.

g. Residential Customer: The term “Residential Customer” means and individual or individuals residing in a living space rented, leased or owned.

h. Service Area: The Service Area will encompass all of the VILLAGE’S curbside, residential trash and recycling collection area, as it may be amended from time to time.

i. Service Recipients: The term “Service Recipients” means Residential Customers of the VILLAGE in the Service Area.

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

j. Soft Recyclable: The term "Soft Recyclable" means items of an individual weight less than fifty (50) pounds and can be carried by one person. Soft Recyclables include primarily men's, women's and children's clothing as well as items such as jewelry, shoes, purses, hats, toys, pictures, mirrors, blankets, drapes and curtains, pillows, rags, sewing scraps, sleeping bags, small furniture, small appliances, irons, radios and audio equipment, TVs and video equipment, cameras, lamps, hairdryers, tools, toasters, microwaves, coffee makers, computers and household or consumer electronics, silverware, dishes, pots and pans, glasses and the like. The definition of Soft Recyclable is subject to modification in the discretion of Contractor based upon experience gained during the term of this Agreement.

24. **Additional Services.** Upon mutual agreement, the Contractor shall establish a drop-box for Soft Recyclables at the VILLAGE'S recycling drop-off facility. The type of drop-box shall be approved by the Contractor, with the appearance subject to the mutual agreement of the Parties to this Agreement. The drop-box shall be viewed by the Contractor no less frequently than every week and shall be emptied of its contents on a schedule determined by the Contractor, but with sufficient frequency to avoid creating an unseemly appearance.

25. **Service Modifications.** To avoid confusion with the VILLAGE'S existing collector for trash and recycling, the Parties agree that the Contractor will not collect any material set outside of the Container, such as small furniture, small appliances, televisions and other items which do not fit into the Container. The Contractor and VILLAGE agree to discuss this service modification as needed, with a goal of allowing the Contractor to collect and recycle these materials for the VILLAGE as soon as practicable.

IN WITNESS WHEREOF, the parties have executed and delivered this Agreement as of the Date of Execution first written above.

VILLAGE OF PALATINE, ILLINOIS

By: _____
Reid Ottesen, Village Manager

Date: _____

Simple Recycling Illinois LLC

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

By: _____
Adam Winfield, President

Date: _____

Attachment: FINAL VOP and Simple Recycling Agreement 2022 (Textile Recycling Agreement)

Consider a Motion Authorizing the Village Manager to Approve Reimbursements to the Palatine Park District for Contractual Grass Mowing Services

BACKGROUND:
Over the years, the Village has identified 61 locations (approximately 52 acres) where regular grass mowing is required. Many of these locations are within residential neighborhoods or along major thoroughfares serving Palatine. The Village worked with the Palatine Park District to coordinate a joint-bid for contractual mowing services.

KEY ISSUES:

- On Tuesday, February 15, 2022, four bids were received and opened by the Palatine Park District.
- The low responsible and responsive bid is from Gilio Landscape Contractors of Arlington Heights, Illinois.
- In past years, Gilio Landscape Contractors completed this same work by contract with the Park District and the Village.
- The weekly cost for the Village's portion of the work has increased by 9.5% compared to last year. The estimated cost for this contract is $63,946 (30 weeks at $2,130 per week).

ALTERNATIVES:

1. Authorize the Village Manager to approve reimbursements to the Palatine Park District for Contractual Grass Mowing Services.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends authorizing the Village Manager to approve reimbursements to the Palatine Park District for Contractual Grass Mowing Services for the 2022 mowing season.

BUDGET IMPACT:
Funds in the amount of $65,500 have been appropriated in the Public Works Operating Budget to accommodate these services.

ACTION REQUIRED:
Motion to authorize the Village Manager to approve reimbursements to the Palatine Park District for Contractual Grass Mowing Services for the 2022 mowing season.

ATTACHMENTS:

- Palatine Park District Grass Mowing Services Memorandum

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

VILLAGE OF PALATINE - DEPARTMENT OF PUBLIC WORKS

MEMORANDUM

To: Reid Ottesen

From: Matt Barry

Subject: Contractual Grass Mowing Services

Date: February 21, 2022

In partnership with the Palatine Park District, the Public Works Department coordinated with their Parks & Planning Department to consolidate and bid out contractual grass mowing services on one contract. Each agency has previously conducted separate bids and in 2019 coordinated a joint-bid to achieve greater economies of scale. No extensions remained from the 2019 contract, thus a new bid was conducted this year. The Park District took the lead in this solicitation.

On Tuesday, February 15, 2022, four bids were received and opened by the Park District, ranging from a high of $332,002 to a low of $165,760. Gilio Landscape Contractors of Arlington Heights, Illinois had the overall low bid of $165,760, with a Village area price of $60,340.

Gilio Landscape has held the Village contract since 2009. Their initial bid in 2009 included four one-year renewals. In 2014, Gilio proposed maintaining the same 2009 pricing for an additional three years, beginning in 2014. The contract was extended again in 2017 for two more years in order to align with the Park District's availability to re-bid in 2019. The 2019 contract contained the option to renew for two additional one-year periods, which were exercised in 2020 and 2021.

Gilio Landscape has also been the Park District's contractor for the past two and a half years. Their project was awarded seven years ago in 2015. The first contractor was unable to fulfill the contract requirements and was terminated after year one. The second contractor did not have enough staff to mow all the areas and chose to terminate the contract after less than a month. Gilio was awarded the remainder of their contract. Gilio has proven to both the Village and Park District that their level of service is highly satisfactory.

The Park District assumed a 28 week mowing season when assembling the bid, which roughly begins in April and ends in October with the option to add or subtract weeks depending on the weather. Based on the five year history for the 2017 to 2021 seasons,

Attachment: Palatine Park District Grass Mowing Services Memorandum (Palatine Park District Grass Mowing Services Reimbursements)

we averaged 30 weeks of mowing at $1,946 per week, for an average season cost of $58,421.77. The bid received from Gilio Landscape is $2,130 per week, an increase of 3.1% over last year. The proposed contract includes two one-year renewal periods. The Gilio bid includes a 3% increase for each renewal term, for a weekly cost of $2,193.90 in year two and $2,259.72 in year three.

The Park District has awarded the contract to Gilio Landscape Contractors at their regularly scheduled Board meeting on Tuesday, February 22, 2022. They have agreed to pay the full cost to the selected contractor on a monthly basis and seek reimbursement from the Village for our areas.

Attachment: Palatine Park District Grass Mowing Services Memorandum (Palatine Park District Grass Mowing Services Reimbursements)

Consider an Ordinance Reserving Volume Cap in Connection with Private Activity Bond Issues and Related Matters

BACKGROUND:

The Village receives an annual allocation (volume cap) through the State to be allocated to tax exempt private activity bonds. Generally, these bonds are used for financially-assisted housing programs or industrial type projects. The bonds are privately placed, but allow the business to receive the equivalent of tax exempt rates.

The volume cap is $110 per capita based upon a population (66,830) determined by the State, thus Palatine's CY 2022 allocation is $7,351,30. Reservation ordinances must be adopted and filed with the State by the first week of May each year.

KEY ISSUES:

- If the Village does not reserve its volume cap, the funds revert to the State and we lose any ability to benefit from the funds. To date there have been no requests for the volume cap for industrial projects.
- As happened last year, the Village has received a request to transfer its volume cap allocation to the Town of Normal, McLean County, Illinois in connection with a Mortgage Credit Certificate program for first-time home buyers. The Village previously entered into an Intergovernmental Agreement with Normal regarding the program. This Agreement is still active, thus no additional actions/approvals will be required.
- To date, 46 first-time homebuyers have utilized the program to buy a home in Palatine.

ALTERNATIVES:

1. Approve the ordinance.
2. Do not approve the ordinance.

RECOMMENDATION:

Staff recommends approval of the ordinance reserving the Village's volume cap.

ACTION REQUIRED:

Motion to approve an ordinance reserving volume cap in connection with private activity bond issues and related matters.

ATTACHMENTS:

- 2022 Volume Cap Ordinance
- 2022 Assist MCC Flyer
- Assist Originations in Palatine

RESULT:	**MOTION CARRIED BY VOICE VOTE [UNANIMOUS]**
MOVER:	Kollin Kozlowski, District 5 Councilman
SECONDER:	Greg Solberg, District 4 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

ORDINANCE NO. O -_____- 22

AN ORDINANCE
APPROVING THE TRANFERS OF VOLUME CAP IN CONNECTION
WITH PRIVATE ACTIVITY BOND ISSUES, AND RELATED MATTERS

WHEREAS, the Village of Palatine, Cook County, Illinois (the "Municipality") is a municipality and a home rule unit of government under Section 6 of Article VII of the 1970 Constitution of the State of Illinois; and

WHEREAS, Section 146 of the Internal Revenue Code of 1986, as amended (the "Code"), provides that the Municipality has volume cap equal to $110 per resident of the Municipality in calendar year 2022, which volume cap may be allocated to certain tax-exempt private activity bonds; and

WHEREAS, the Illinois Private Activity Bond Allocation Act, 30 Illinois Compiled Statutes, 345/1 et seq., as supplemented and amended (the "Act"), provides that a home rule unit of government may transfer its allocation of volume cap to any other home rule unit of government, the State of Illinois or any agency thereof or any non-home rule unit of government; and

WHEREAS, it is now deemed necessary and desirable by the Municipality to transfer its entire volume cap allocation for calendar year 2022 to the Town of Normal, McLean County, Illinois (the "Issuer") to be applied toward the issuance of single family mortgage revenue bonds by the Issuer (the "Bonds") or for such other purpose permitted by this Ordinance;

NOW, THEREFORE, Be it ordained by the President of the Village of Palatine, Cook County, Illinois, as follows:

SECTION 1. That, pursuant to Section 146 of the Code and the Act, the entire volume cap of the Municipality for calendar year 2022 is hereby transferred to the Issuer, which shall issue the Bonds using such transfer of volume cap, without any further action required on the part of the Municipality, and the adoption of this Ordinance shall be deemed to be an allocation of such volume cap to the issuance of the Bonds or other private activity bonds or mortgage credit certificates.

Attachment: 2022 Volume Cap Ordinance (2022-19 : 2022 Volume Cap)

SECTION 2. That the Municipality and the Issuer shall maintain a written record of this Ordinance in their respective records during the term that the Bonds or any other such bonds to which such volume cap is allocated remain outstanding.

SECTION 3. That the President, the Village Clerk and all other proper officers, officials, agents and employees of the Municipality are hereby authorized, empowered and directed to do all such acts and things and to execute all such documents and certificates as may be necessary to further the purposes and intent of this Ordinance.

SECTION 4. That the provisions of this Ordinance are hereby declared to be separable, and if any section, phrase or provision of this Ordinance shall for any reason be declared to be invalid, such declaration shall not affect the remainder of the sections, phrases and provisions of this Ordinance.

SECTION 5. That all ordinances, resolutions or orders, or parts thereof, in conflict herewith are, to the extent of such conflict, hereby superseded; and that this Ordinance shall be in full force and effect upon its adoption and approval.

PASSED: This 7th day of March 2022.

AYES:_____NAYS: _____ ABSENT: _____ PASS: _____

APPROVED by me this 7th day of March 2022.

_____
Mayor of the Village of Palatine

ATTESTED and FILED in the
Office of the Village Clerk this
7th day of March 2022.

_____
Village Clerk

Attachment: 2022 Volume Cap Ordinance (2022-19 : 2022 Volume Cap)

Assist
Homeownership Program

Utilizing a two-pronged approach to assist homebuyers, the program is sponsored by communities throughout the state to promote home ownership. The home buyer assistance feature of the Assist program provides families with funds to pay all or most of their closing costs and down payment, enabling families with good credit but little available capital to buy their home. The mortgage credit certificate ("MCC") feature reduces the homebuyer's ongoing cost of borrowing whenever market conditions result in uncompetitive interest rates for loans funded in the tax-exempt bond market.

Overview

- Communities join together through an Inter-governmental Cooperation Agreement
- Home rule communities may contribute private activity bond volume cap to support either a tax-exempt bond issuance or the MCC feature
- Non-home rule communities apply for volume cap from the State
- No financial contribution or commitment required from any participant
- Any Illinois municipality can participate

Loan Funding

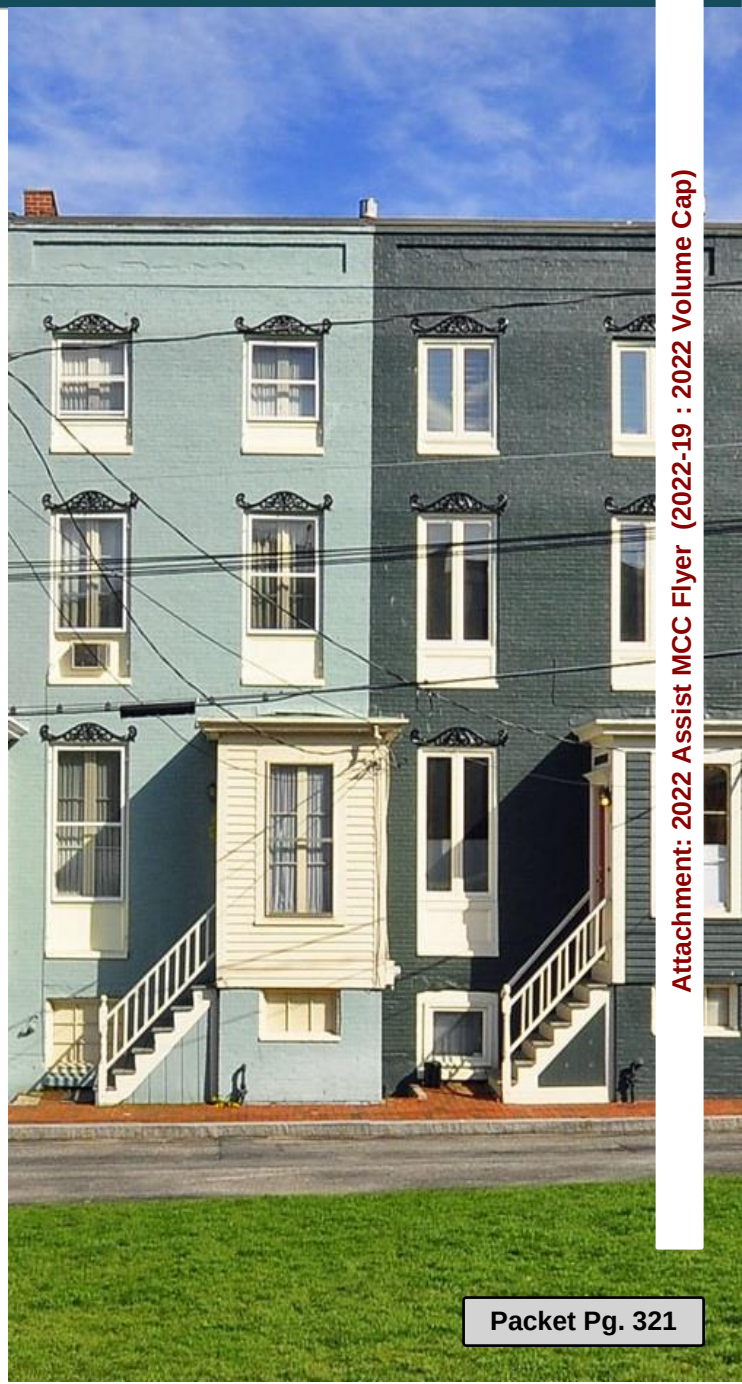
- Loans are funded with proceeds of tax-exempt bonds or through the direct sale of taxable mortgage-backed securities based on the sale method providing the lowest interest rate
- The bonds and securities are sold at a premium, a price greater than their face amount, which provides funding for the home buyer assistance
- Proceeds are used to make the home loans and fund the assistance
- The bonds and securities are not a debt of the municipalities or paid from any participating community's funds, and are secured only with loans on the homes purchased

Loan Description

- 30 year fixed rate loans
- FHA/VA/RDA (640 minimum credit score) and Conventional (660 minimum credit score) loans are available
- Assist pays 3% to 7% cash grant to qualifying home buyers to fund closing costs and down payment assistance.

Attachment: 2022 Assist MCC Flyer (2022-19 : 2022 Volume Cap)

Assist
Homeownership Program



Qualifying Homebuyers

- Will occupy the home as their residence
- Meet income and purchase price guidelines

Mortgage Credit Certificates

- MCC's are a federally authorized program created as an alternative to tax-exempt housing bonds to reduce effective interest costs for qualifying homebuyers
- MCC's allow the homebuyer to qualify for a federal income tax credit equal to a percentage of the interest paid on their home loan each year
- MCC holders still qualify for a regular deduction of the remaining interest paid on their home loan

	Without MCC	With MCC
Mortgage Amount	$100,000	$100,000
Mortgage Interest Rate	4.50%	4.50%
Monthly Mortgage Payment (first year interest = $4,467.00)	$506.69	$506.69
MCC Rate	N/A	35%
Monthly Credit Amount (First Year Average) (35% of $4,467.00 is first year credit)	N/A	$130.29
"Effective" Monthly Mortgage Payment	$506.69	$376.40

Assist Advantages

- Provides additional home ownership opportunities in each community
- Home ownership provides added stability in a community
- Serves the large segment of potential home buyers who qualify for loans but lack funds for a down payment and closing costs
- Strategic alliance with lenders throughout the state
- Customized marketing in each municipality
- No out-of-pocket expense to any community to participate

Assist

INCOME AND PURCHASE PRICE LIMITS

COUNTY NAME	INCOME LIMITS				PURCHASE PRICE LIMITS	
	Targeted		Non-Targeted			
	1 or 2 People	3 or More People	1 or 2 People	3 or More People	Targeted	Non-Targeted
BOONE	NA	NA	$85,000	$97,760	NA	$311,979
COOK	$111,840	$130,480	$93,200	$107,180	$406,066	$332,235
CHAMPAIGN	$100,920	$117,740	$86,400	$99,360	$381,308	$311,979
DEKALB	$102,000	$119,000	$85,000	$97,760	$406,066	$311,979
DUPAGE	NA	NA	$93,200	$107,180	NA	$332,235
KANE	$111,840	$130,480	$93,200	$107,180	$406,066	$332,235
KENDALL	NA	NA	$102,000	$117,300	NA	$332,235
LAKE	$111,840	$130,480	$93,200	$107,180	$406,066	$332,235
MADISON	$100,920	$117,740	$85,000	$97,760	$381,308	$311,979
McLEAN	$111,840	$130,480	$93,200	$107,180	$381,308	$311,979
ST. CLAIR	$100,920	$117,740	$85,000	$97,760	$381,308	$311,979
SANGAMON	$100,920	$117,740	$85,000	$97,760	$381,308	$311,979
WILL	$111,840	$130,480	$93,200	$107,180	$406,066	$332,235
WINNEBAGO	$100,920	$117,740	$85,000	$97,760	$381,308	$311,979
OTHER PROGRAM AREAS	$100,920	$117,740	$85,000	$97,760	$381,308	$311,97

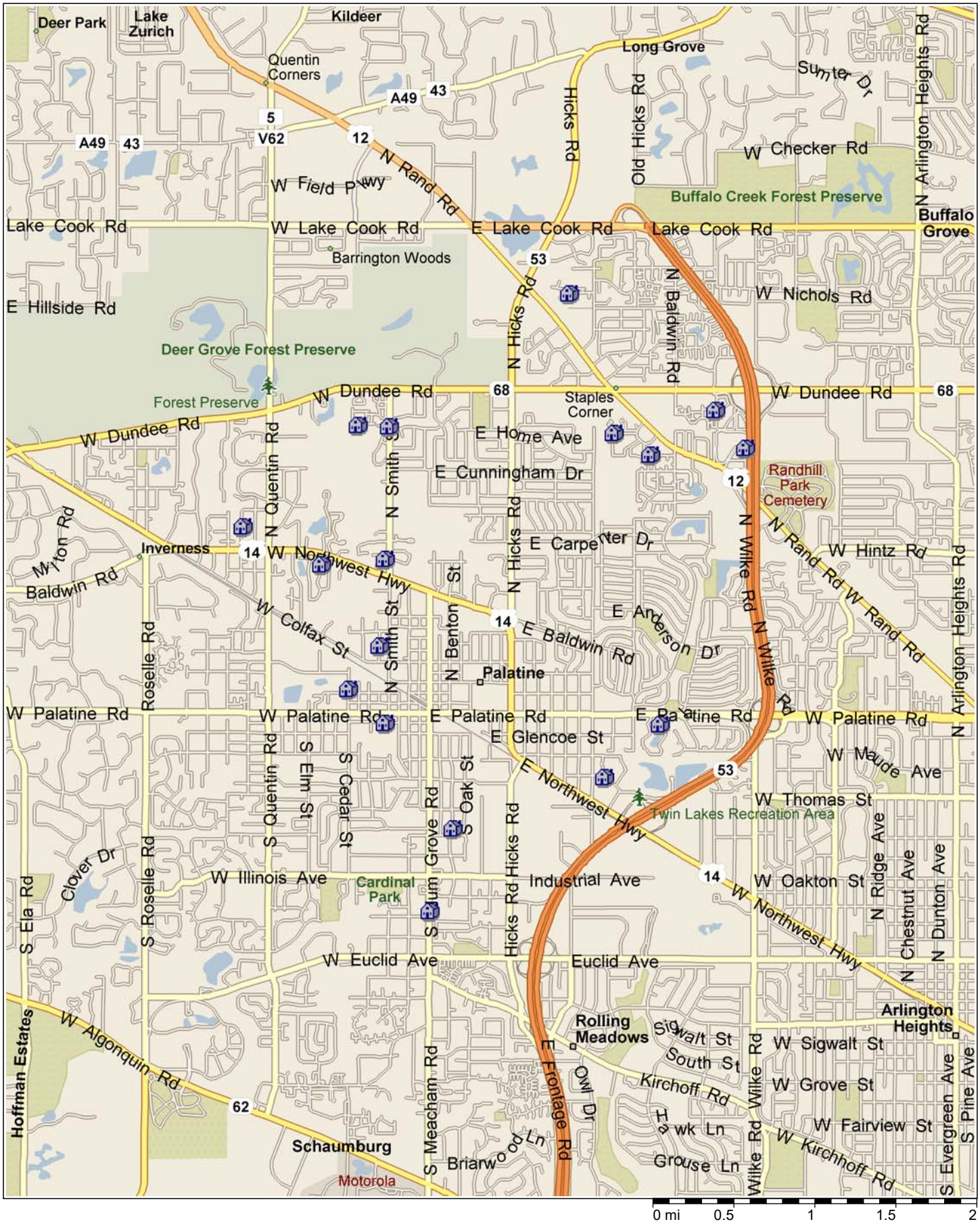
Assist

PARTICIPATING COMMUNITIES

City of Aurora
Village of Arlington Heights
Village of Bartonville
City of Belleville
City of Belvidere
Village of Bridgeview
City of Champaign
City of Charleston
City of Collinsville
City of Crest Hill
Village of Creve Coeur
City of Decatur
City of East Moline
City of East Peoria
City of Edwardsville
Village of Godfrey
City of Joliet
Village of Justice
City of LaSalle
City of Lockport
City of Loves Park
Village of Machesney Park
Village of Marquette Heights
City of Mattoon
Village of Mendota
Village of Minooka
Village of Montgomery
City of Naperville
Town of Normal
Village of Orland Park
City of Pekin
City of Peoria
Village of Peoria Heights
City of Peru
Village of Plainfield
City of Princeton
City of Rochelle
City of Rockford
Village of Rockton
Village of Romeoville
Village of Schaumburg
Village of Shorewood
City of South Beloit
City of Springfield
City of Urbana
City of Washington
City of Wood River
Village of Yorkville
County of Boone
County of Champaign
County of Coles
County of Cook
County of DeKalb
County of Kankakee
County of Kendall
County of Lake
County of Macon
County of Madison
County of McLean
County of Ogle
County of Peoria
County of Rock Island
County of Tazewell
County of Winnebago

Attachment: 2022 Assist MCC Flyer (2022-19 : 2022 Volume Cap)

Assist Originations in Palatine



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Attachment: Assist Originations in Palatine (2022-19 : 2022 Volume Cap)

VILLAGE OF PALATINE, COOK COUNTY, ILLINOIS
Illinois Assist Down Payment Assistance Program Loan Originations

	CITY	STATE	ZIP	LOAN AMOUNT
1 .	PALATINE	IL	60074	$150,350
2 .	PALATINE	IL	60067	$187,210
3 .	PALATINE	IL	60067	$124,160
4 .	PALATINE	IL	60074	$130,950
5 .	PALATINE	IL	60067	$143,560
6 .	PALATINE	IL	60067	$162,000
7 .	PALATINE	IL	60074	$229,900
8 .	PALATINE	IL	60067	$159,080
9 .	PALATINE	IL	60074	$204,250
10 .	PALATINE	IL	60074	$123,675
11 .	PALATINE	IL	60067	$151,320
12 .	PALATINE	IL	60074	$161,500
13 .	PALATINE	IL	60067	$122,220
14 .	PALATINE	IL	60067	$188,100
15 .	PALATINE	IL	60074	$137,740
16 .	PALATINE	IL	60074	$109,125
17 .	PALATINE	IL	60067	$237,500
18 .	PALATINE	IL	60067	$162,000
			Total:	**$2,884,640**
			Average:	**$160,258**

Attachment: Assist Originations in Palatine (2022-19 : 2022 Volume Cap)

Consider a Motion to Approve 2022 Warrant #5

Village of Palatine
Warrant approval

_____
Village Clerk

_____
Mayor

Warrant # 5 having been approved by the Village Council on 03/07/2022 authorizes the Treasurer to deposit funds from the accounts indicated below:

		Check/ACH Disbursements	Electronic (EFT/W-T) Disbursements	Manual Checks	UB Refunds Processed	Fund Expense
General Fund	100	166,991.83	-	-	-	166,991.83
Motor Fuel Tax Fund	205	40,215.00	-	-	-	40,215.00
Federal Equitable Sharing Fund	221	2,927.91	-	-	-	2,927.91
Downtown TIF Fund	233	13,615.00	-	-	-	13,615.00
CDBG - CV	255	9,339.00	-	-	-	9,339.00
Capital Equipment Fund	401	14,026.64	-	-	-	14,026.64
Water Fund	605	155,911.56	600,560.50	-	-	756,472.06
Sewer Fund	610	8,153.60	-	-	-	8,153.60
Refuse Fund	615	-	-	-	283.74	283.74
Parking Fund	620	29,377.22	-	-	-	29,377.22
Liability Insurance Fund	702	1,039.51	-	-	-	1,039.51
Fleet Services Fund	710	69,762.97	-	-	-	69,762.97
Total Report		**511,360.24**	**600,560.50**	**-**	**283.74**	**1,112,204.48**

ATTACHMENTS:

- Warrant #5

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/22
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
Vendor **4040 - 1st Ayd Corporation**									
PSI511385	Wash & Wax-Fire Trucks	Open		02/11/2022	03/13/2022	02/15/2022			741.
			Vendor **4040 - 1st Ayd Corporation** Totals			Invoices	1		$741.
Vendor **2385 - A & A Body Shop, Inc.**									
4687	Repairs & Maintenance - T-446	Open		02/10/2022	03/12/2022	02/03/2022			8,118.
			Vendor **2385 - A & A Body Shop, Inc.** Totals			Invoices	1		$8,118.
Vendor **1553 - Acme Truck & Brake Supply**									
01_238210	Parts - T-338	Open		02/08/2022	03/10/2022	02/18/2022			52.
01_238213	Parts - T-370	Open		02/08/2022	03/10/2022	02/18/2022			205.
01_238415	Parts - T-460	Open		02/09/2022	03/11/2022	02/03/2022			41.
			Vendor **1553 - Acme Truck & Brake Supply** Totals			Invoices	3		$299.
Vendor **4853 - Advance Auto Parts**									
2376-1058975	Parts - STOCK	Open		02/04/2022	03/06/2022	02/18/2022			38.
2376-1059478	Parts - STOCK	Open		02/07/2022	03/09/2022	02/18/2022			184.
2376-1059479	Parts - STOCK	Open		02/07/2022	03/09/2022	02/03/2022			104.
2376-1059684	Parts - T-457	Open		02/08/2022	03/10/2022	02/18/2022			25.
2376-1059963	Parts - STOCK	Open		02/09/2022	03/11/2022	02/18/2022			15.
2376-1061185	Parts - STOCK	Open		02/14/2022	03/16/2022	02/18/2022			21.
2376-1061682	Parts - T-357	Open		02/16/2022	03/18/2022	02/18/2022			46.
2376-1061831	Parts - T-391	Open		02/17/2022	03/19/2022	02/18/2022			5.
			Vendor **4853 - Advance Auto Parts** Totals			Invoices	8		$442.
Vendor **1437 - Ahlgrim Family Funeral Services**									
2022-00000164	Body transfer to ME's Office (21-028959)	Open		02/01/2022	03/01/2022	02/28/2022			475.
2022-00000163	Body Transfer to Funeral Home (21-022461)	Open		02/02/2022	03/02/2022	02/28/2022			275.
			Vendor **1437 - Ahlgrim Family Funeral Services** Totals			Invoices	2		$750.
Vendor **1759 - Air One Equipment, Inc.**									
177905	Streamlight	Open		02/18/2022	03/17/2022	02/24/2022			175.
177906	Streamlights	Open		02/18/2022	03/17/2022	02/24/2022			505.
178036	Door Wedge	Open		02/21/2022	03/20/2022	02/24/2022			72.
			Vendor **1759 - Air One Equipment, Inc.** Totals			Invoices	3		$752.
Vendor **2611 - Al Warren Oil Co**									
W1454124	Motor Fuel	Open		02/17/2022	03/19/2022	02/18/2022			106.
W1454125	Motor Fuel	Open		02/17/2022	03/19/2022	02/18/2022			23,487.
W1454607	Motor Fuel	Open		02/18/2022	03/20/2022	02/18/2022			19,983.
W1454608	Motor Fuel	Open		02/18/2022	03/20/2022	02/18/2022			2,831.
			Vendor **2611 - Al Warren Oil Co** Totals			Invoices	4		$46,409.99

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/2
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
Vendor **2645 - Alexander Equipment Company, Inc**									
185324	Repairs & Maintenance - Equipment & Machinery - E-626	Open		02/09/2022	03/11/2022	02/18/2022			1,993.
			Vendor **2645 - Alexander Equipment Company, Inc** Totals			Invoices	1		$1,993.
Vendor **2496 - Altorfer Industries, Inc**									
P54C0156435	Parts - E-221	Open		01/24/2022	02/23/2022	02/28/2022			8.
P54C0156436	Parts - E-221	Open		01/24/2022	02/23/2022	02/28/2022			11.
			Vendor **2496 - Altorfer Industries, Inc** Totals			Invoices	2		$19.
Vendor **2491 - Anderson Pest Solutions**									
13625590	Pest Control Services February 2022-Fire Station 83	Open		02/01/2022	03/03/2022	02/11/2022			43.
13803441	Pest Control Services February 2022-148 W. Illinois Ave	Open		02/01/2022	03/03/2022	02/11/2022			85.
			Vendor **2491 - Anderson Pest Solutions** Totals			Invoices	2		$128.
Vendor **5021 - Arlington Heights Ford LLC**									
43739H	Parts - T-352	Open		02/07/2022	03/09/2022	02/03/2022			451.
44634H	Parts - T-438	Open		02/15/2022	03/17/2022	02/18/2022			93.
44970H	Parts - T-452	Open		02/17/2022	03/19/2022	02/18/2022			193.
			Vendor **5021 - Arlington Heights Ford LLC** Totals			Invoices	3		$738.
Vendor **1443 - Arlington Power Equipment**									
107331	Petzl Visor	Open		02/17/2022	03/19/2022	03/02/2022			74.
			Vendor **1443 - Arlington Power Equipment** Totals			Invoices	1		$74.
Vendor **4455 - AutoZone Stores LLC**									
2567390240	Parts - M-998	Open		02/07/2022	03/09/2022	02/18/2022			89.
2567391960	Parts - STOCK	Open		02/10/2022	03/12/2022	02/18/2022			113.
2567393920	Parts - T-438	Open		02/14/2022	03/16/2022	02/18/2022			259.
2567393921	Parts - T-438	Open		02/14/2022	03/16/2022	02/18/2022			20.
2567394473	Parts - STOCK	Open		02/15/2022	03/17/2022	02/18/2022			22.
2567395410	Parts - M-999	Open		02/17/2022	03/19/2022	02/18/2022			11.
			Vendor **4455 - AutoZone Stores LLC** Totals			Invoices	6		$518.
Vendor **2282 - Baxter And Woodman**									
0230900	Water System Interconnect Construction Engineering DPW-2126/2153	Open		01/21/2022	02/20/2022	03/02/2022			5,236.
0230903	Southwest Palatine Water System Improvements Design Engineering	Open		01/21/2022	02/20/2022	03/02/2022			437.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/22
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
0231873	Water System Interconnect Construction Engineering DPW-2126/2153	Open		02/18/2022	03/20/2022	03/02/2022			7,443.
0231874	Southwest Palatine Water System Improvements Design Engineering	Open		02/18/2022	03/20/2022	03/02/2022			43.
			Vendor **2282 - Baxter And Woodman** Totals			Invoices	4		$13,160.
Vendor **1155 - Best Technology Systems Inc**									
BTL-21085	Range Maintenance Service	Open		02/14/2022	03/16/2022	02/28/2022			4,875.
			Vendor **1155 - Best Technology Systems Inc** Totals			Invoices	1		$4,875.
Vendor **1101 - Beverly Materials LLC**									
273954	Wash Stone-WMB Restoration Repair	Open		02/12/2022	03/14/2022	02/04/2022			1,523.
274052	Wash Stone-WMB Restoration Repair	Open		02/19/2022	03/21/2022	02/24/2022			755.
			Vendor **1101 - Beverly Materials LLC** Totals			Invoices	2		$2,279.
Vendor **1722 - BLA, Inc**									
21590-3	Cedar Street and Elm Street Reconstruction Design Engineering	Open		12/31/2021	03/02/2022	03/02/2022			22,447.
21646-1	Greeley Street Improvements Design Engineering	Open		01/31/2022	03/02/2022	03/02/2022			11,335.
21647-4	Commuter Parking Lots B, C, and F Resurfacing Design Engineering	Open		01/31/2022	03/02/2022	03/02/2022			2,280.
21648-3	Crescent Avenue & Ellis Street Reconstruction Design Engineering	Open		01/31/2022	03/02/2022	03/02/2022			5,667.
21652-4	Cedar Street and Elm Street Reconstruction Design Engineering	Open		01/31/2022	03/02/2022	03/02/2022			12,100.
			Vendor **1722 - BLA, Inc** Totals			Invoices	5		$53,830.
Vendor **1235 - Bonnell Industries Inc**									
0203479-IN	Parts - STOCK	Open		02/03/2022	03/05/2022	02/18/2022			1,232.
0203480-IN	Parts - STOCK	Open		02/03/2022	03/05/2022	02/18/2022			1,924.
			Vendor **1235 - Bonnell Industries Inc** Totals			Invoices	2		$3,156.
Vendor **1492 - Bound Tree Medical LLC**									
84394867	EMS Equipment	Open		02/07/2022	03/06/2022	02/24/2022			300.
			Vendor **1492 - Bound Tree Medical LLC** Totals			Invoices	1		$300.
Vendor **1857 - Brian Edward Landscaping Inc**									

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/22
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
24532	2022 Bridgeview West and Peregrine Lakes Snow and Ice Control	Open		02/11/2022	03/13/2022	02/25/2022			320.
24533	2022 Snow and Ice Control-Police HQ	Open		02/11/2022	03/13/2022	02/25/2022			301.
24534	2022 Snow and Ice Control-Train Station and Parking Deck	Open		02/11/2022	03/13/2022	02/25/2022			1,107.
24535	2022 Snow and Ice Control-Downtown Areas	Open		02/11/2022	03/13/2022	02/25/2022			1,498.
24536	2022 Bridgeview West and Peregrine Lakes Snow and Ice Control	Open		02/18/2022	03/20/2022	02/25/2022			840.
24537	2022 Snow and Ice Control-Arterial Sidewalks	Open		02/18/2022	03/20/2022	02/25/2022			1,260.
24538	2022 Snow and Ice Control-Police HQ	Open		02/18/2022	03/20/2022	02/25/2022			297.
24539	2022 Snow and Ice Control-Train Station and Parking Deck	Open		02/18/2022	03/20/2022	02/25/2022			1,993.
24540	2022 Snow and Ice Control-Downtown Areas	Open		02/18/2022	03/20/2022	02/25/2022			6,612.
		Vendor **1857 - Brian Edward Landscaping Inc** Totals				Invoices	9		$14,230.
Vendor **2243 - Bristol Hose & Fitting**									
3478056	Parts - STOCK	Open		02/11/2022	03/13/2022	02/25/2022			638.
3478445	Parts - STOCK	Open		02/17/2022	03/19/2022	02/25/2022			248.
3478595	Parts - STOCK	Open		02/18/2022	03/20/2022	02/25/2022			70.
		Vendor **2243 - Bristol Hose & Fitting** Totals				Invoices	3		$957.
Vendor **3725 - Cambridge Computer Services Inc**									
80367	Replacement Server	Open		01/13/2022	03/03/2022	01/28/2022			12,469.
80430	VM Ware maint	Open		02/07/2022	03/10/2022	02/09/2022			5,591.
		Vendor **3725 - Cambridge Computer Services Inc** Totals				Invoices	2		$18,061.
Vendor **2453 - CDS Office Technologies**									
INV1432726	Copier Usage	Open		01/31/2022	03/02/2022	02/22/2022			1,170.
		Vendor **2453 - CDS Office Technologies** Totals				Invoices	1		$1,170.
Vendor **2732 - CDW Government Inc**									
R234651	Adobe Acrobat Pro	Open		01/24/2022	02/24/2022	02/18/2022			421.
R091403	Supplies	Open		01/20/2022	02/19/2022	02/09/2022			191.
		Vendor **2732 - CDW Government Inc** Totals				Invoices	2		$612.
Vendor **2555 - Chicago Parts & Sound**									
1-0256506	Parts - STOCK	Open		02/10/2022	03/12/2022	02/03/2022			58.
1-0256961	Parts - T-352	Open		02/14/2022	03/16/2022	02/25/2022			57.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/2
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
			Vendor **2555 - Chicago Parts & Sound** Totals			Invoices	2		$116.
Vendor **3050 - Cintas #22**									
4110456261	Uniform Cleaning	Open		02/11/2022	03/13/2022	02/07/2022			128.
4111145230	Uniform Cleaning	Open		02/18/2022	03/20/2022	02/17/2022			201.
			Vendor **3050 - Cintas #22** Totals			Invoices	2		$329.
Vendor **2707 - Ciorba Group Inc**									
0026386	2022 Water Main Replacement Contract 2 Design DPW-2222	Open		02/14/2022	03/16/2022	03/02/2022			24,599.
			Vendor **2707 - Ciorba Group Inc** Totals			Invoices	1		$24,599.
Vendor **4694 - CMS Communications Inc**									
2201185-IN	Phone System Maintenance	Open		02/16/2022	03/16/2022	02/22/2022			12,476.
2201186-IN	Wallmount Kit	Open		02/17/2022	03/17/2022	02/22/2022			54.
			Vendor **4694 - CMS Communications Inc** Totals			Invoices	2		$12,530.
Vendor **1488 - CNS Tire Supply**									
26032	Repairs & Maintenance - T-421	Open		02/10/2022	03/12/2022	02/03/2022			53.
26036	Repairs & Maintenance - T-209	Open		02/11/2022	03/12/2022	02/25/2022			224.
26042	Repairs & Maintenance - T-439	Open		02/15/2022	03/17/2022	02/25/2022			244.
26043	Repairs & Maintenance - T-394	Open		02/15/2022	03/17/2022	02/25/2022			56.
			Vendor **1488 - CNS Tire Supply** Totals			Invoices	4		$577.
Vendor **3033 - Comcast Cable**									
FD83 01-22 B	Backup Internet Connections	Open		01/24/2022	02/21/2022	01/28/2022			84.
CC 01-22 C	Backup Internet Connections	Open		01/25/2022	02/22/2022	01/28/2022			59.
PW 02-22 A	Backup Internet Connections	Open		02/02/2022	03/02/2022	02/09/2022			273.
CC 02-22 A	Backup Internet Connections	Open		02/16/2022	03/16/2022	02/22/2022			42.
			Vendor **3033 - Comcast Cable** Totals			Invoices	4		$460.
Vendor **2980 - Commonwealth Edison**									
8648014008 1/22	Electricity-135 W. Michigan Ave Heat Meter	Open		01/20/2022	03/22/2022	02/22/2022			647.
			Vendor **2980 - Commonwealth Edison** Totals			Invoices	1		$647.
Vendor **4428 - Compass Minerals America Inc**									
948569	2022 Rock Salt	Open		02/08/2022	03/10/2022	02/07/2022			8,723.
			Vendor **4428 - Compass Minerals America Inc** Totals			Invoices	1		$8,723.
Vendor **3706 - Constellation NewEnergy Inc**									
61561579901	Electricity-0 Harper Well 6	Open		01/22/2022	03/09/2022	02/16/2022			287.
61561606001	Electricity-914 W. Lukas Avenue Square D Lift Station	Open		01/22/2022	03/09/2022	02/16/2022			117.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/22
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
61561609401	Electricity-1100 W. Illinois Avenue Well 5	Open		01/22/2022	03/09/2022	02/16/2022			946.
61561612301	Electricity-149 W. Michigan Avenue South Supply Pump Station	Open		01/22/2022	03/09/2022	02/16/2022			4,921.
61561608701	Electricity-826 W. Exner Court Pond Aerator	Open		01/24/2022	03/11/2022	02/16/2022			49.
61561667101	Electricity-1279 W. Palatine Road Entrance Sign	Open		01/24/2022	03/11/2022	02/16/2022			6.
61536241901	Electricity-Heron Drive Well 10 Pump Station	Open		01/26/2022	03/13/2022	02/16/2022			5,915.
61561622401	Electricity-1525-35 S. Roselle Road Shires Lift Station	Open		01/26/2022	03/13/2022	02/16/2022			537.
			Vendor **3706 - Constellation NewEnergy Inc** Totals			Invoices	8		$12,780.
Vendor **5150 - COPS and FIRE Personnel Testing Service**									
107065	2022 PD Psychological Exam C.O.P.S. & F.I.R.E. (new hire)	Open		02/17/2022	02/22/2022	02/22/2022			450.
			Vendor **5150 - COPS and FIRE Personnel Testing Service** Totals			Invoices	1		$450.
Vendor **2773 - Core & Main LP**									
Q165003	Spot Magnetic Locators	Open		01/27/2022	03/04/2022	02/24/2022			2,010.
Q327699	6 Rep Clp	Open		02/10/2022	03/12/2022	02/04/2022			745.
Q328036	3/4 Ball Curb CTS	Open		02/10/2022	03/12/2022	02/04/2022			660.
Q368884	Meters-Omni Parts & 3-Term Screws	Open		02/17/2022	03/19/2022	02/24/2022			6,240.
Q370652	3/4 Soft K Copper Tube and Clamps	Open		02/18/2022	03/20/2022	02/24/2022			990.
			Vendor **2773 - Core & Main LP** Totals			Invoices	5		$10,645.
Vendor **1159 - Document Imaging Dimensions Inc**									
674733	Nitrile Gloves for Lock-Up	Open		02/22/2022	03/22/2022	02/28/2022			472.
			Vendor **1159 - Document Imaging Dimensions Inc** Totals			Invoices	1		$472.
Vendor **4781 - Document Imaging Services, LLC**									
2329	Toner	Open		01/10/2022	02/10/2022	01/28/2022			476.
2343	Toner	Open		01/26/2022	02/26/2022	01/28/2022			1,099.
2348	Toner	Open		02/03/2022	03/03/2022	01/28/2022			474.
2352	Toner	Open		02/08/2022	03/08/2022	02/09/2022			136.
2356	Toner	Open		02/11/2022	03/13/2022	02/09/2022			95.
2368	Toner	Open		02/18/2022	03/18/2022	02/22/2022			269.
			Vendor **4781 - Document Imaging Services, LLC** Totals			Invoices	6		$2,549.
Vendor **1728 - Doland Engineering, LLC**									
22-9830	2022 Water Main Replacement Contract 3 Design DPW-2223	Open		01/31/2022	03/02/2022	03/02/2022			30,052.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/22
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
			Vendor **1728 - Doland Engineering, LLC** Totals			Invoices	1		$30,052.
Vendor **2786 - EJ Equipment Inc**									
P05945	Parts - T-454	Open		02/02/2022	03/04/2022	02/28/2022			56.
			Vendor **2786 - EJ Equipment Inc** Totals			Invoices	1		$56.
Vendor **2195 - FMP**									
50-3716249	Parts - STOCK	Open		02/10/2022	03/12/2022	02/25/2022			188.
162-105846	Credit Memo	Open		02/15/2022	03/17/2022	02/25/2022			(188.6
50-3721300	Parts - PT-999 & STOCK	Open		02/15/2022	03/17/2022	02/25/2022			271.
50-3721318	Parts - STOCK	Open		02/15/2022	03/17/2022	02/25/2022			378.
162-105955	Parts - STOCK	Open		02/16/2022	03/18/2022	02/25/2022			71.
50-3724062	Parts - STOCK	Open		02/16/2022	03/18/2022	02/25/2022			244.
50-3724243	Credit Memo	Open		02/16/2022	03/18/2022	02/25/2022			(16.0
			Vendor **2195 - FMP** Totals			Invoices	7		$949.
Vendor **3850 - Foster Coach Sales Inc**									
23484	Parts - STOCK	Open		02/09/2022	03/11/2022	02/25/2022			144.
			Vendor **3850 - Foster Coach Sales Inc** Totals			Invoices	1		$144.
Vendor **1621 - Fox Valley Fire & Safety**									
IN00499907	FIRE EXTINGUISHER SERVICE	Open		02/10/2022	03/09/2022	02/08/2022			139.
IN00499908	FIRE EXTINGUISHER SERVICE	Open		02/10/2022	03/09/2022	02/08/2022			117.
IN00499909	FIRE EXTINGUISHER SERVICE	Open		02/10/2022	03/09/2022	02/08/2022			167.
IN00500303	ABC FIRE EXTINGUISHER SERVICE	Open		02/12/2022	03/11/2022	02/11/2022			165.
			Vendor **1621 - Fox Valley Fire & Safety** Totals			Invoices	4		$589.
Vendor **4753 - Granicus Llc**									
14877	Civic Streaming & Agenda & Minutes Renewal	Open		02/01/2022	03/03/2022	01/28/2022			1,540.
			Vendor **4753 - Granicus Llc** Totals			Invoices	1		$1,540.
Vendor **5145 - Granite Telecommunications, LLC**									
551175673	Potlines	Open		02/01/2022	03/01/2022	02/22/2022			1,789.
			Vendor **5145 - Granite Telecommunications, LLC** Totals			Invoices	1		$1,789.
Vendor **4766 - Great Lakes Concrete LLC**									
245305	24 Diameter Manhole Block & 8X8X16 Solid Block	Open		02/10/2022	03/12/2022	02/24/2022			693.
			Vendor **4766 - Great Lakes Concrete LLC** Totals			Invoices	1		$693.
Vendor **5147 - Haeger Engineering, LLC**									
88564	Land Surveying Services for Coolidge Avenue Plat of Vacation	Open		02/07/2022	03/09/2022	03/02/2022			1,000.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

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Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
			Vendor **5147 - Haeger Engineering, LLC** Totals			Invoices	1		$1,000.
Vendor **2107 - Hall Signs Inc**									
403186	Stop Ahead Sign Face	Open		01/04/2022	03/04/2022	02/25/2022			380.
			Vendor **2107 - Hall Signs Inc** Totals			Invoices	1		$380.
Vendor **5025 - Hampton, Lenzini and Renwick, Inc**									
000020220212	2022 Water Main Replacement Contract 1 Design DPW-2221	Open		02/08/2022	03/10/2022	03/02/2022			30,127.
			Vendor **5025 - Hampton, Lenzini and Renwick, Inc** Totals			Invoices	1		$30,127.
Vendor **1916 - Harvard Maintenance Inc**									
1367914	Village Hall Janitorial Service-January 2022	Open		01/01/2022	02/25/2022	02/15/2022			3,324.
1367986	Train Station Janitorial Service-January 2022	Open		01/01/2022	02/25/2022	02/15/2022			7,649.
1388896	Village Hall Janitorial Service-February 2022	Open		02/01/2022	03/03/2022	02/15/2022			3,324.
1388968	Train Station Janitorial Service-February 2022	Open		02/01/2022	03/03/2022	02/15/2022			7,649.
			Vendor **1916 - Harvard Maintenance Inc** Totals			Invoices	4		$21,948.
Vendor **3116 - Bryan C Haupt**									
PWCDLBH020422	CDL Renewal Reimbursement	Open		02/04/2022	02/18/2022	02/17/2022			60.
			Vendor **3116 - Bryan C Haupt** Totals			Invoices	1		$60.
Vendor **5088 - HR Green, Inc**									
150283	Professional Services from 1/1/22 - 1/31/2022	Open		02/15/2022	03/17/2022	03/01/2022			6,592.
			Vendor **5088 - HR Green, Inc** Totals			Invoices	1		$6,592.
Vendor **3128 - James M Hrycko**									
PWBRJH021722	Boot Reimbursement	Open		02/17/2022	03/03/2022	02/17/2022			184.
			Vendor **3128 - James M Hrycko** Totals			Invoices	1		$184.
Vendor **4591 - IL Department of Innovation & Technology**									
T2213918	Custom Bandwidth	Open		01/19/2022	02/19/2022	02/09/2022			428.
			Vendor **4591 - IL Department of Innovation & Technology** Totals			Invoices	1		$428.
Vendor **2822 - Illinois Secretary Of State**									
PWVM 2023 T-209	License Plate Renewal T-209	Open		02/01/2022	03/03/2022	02/18/2022			151.
PWVM 2023 T-357	License Plate Renewal T-357	Open		02/01/2022	03/03/2022	02/18/2022			151.
PWVM 2023 T-359	License Plate Renewal T-359	Open		02/01/2022	03/03/2022	02/18/2022			151.
PWVM 2023 T-360	License Plate Renewal T-360	Open		02/01/2022	03/03/2022	02/18/2022			151.
PWVM 2023 T-400	License Plate Renewal T-400	Open		02/01/2022	03/03/2022	02/18/2022			151.
			Vendor **2822 - Illinois Secretary Of State** Totals			Invoices	5		$755.00

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Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
Vendor **1604 - Illinois State Police**									
PD22-3601-JAN	Fingerprinting for Employment - LGE Checks (3601) - Jan	Open		01/31/2022	03/18/2022	02/28/2022			28.
			Vendor **1604 - Illinois State Police** Totals			Invoices	1		$28.
Vendor **4273 - Illinois Workers' Compensation Commission**									
2022-00000131	IWCC Rate Adjustment 07/01/2021-12/31/2021	Open		02/18/2022	03/15/2022	02/18/2022			939.
			Vendor **4273 - Illinois Workers' Compensation Commission** Totals			Invoices	1		$939.
Vendor **4588 - Impact Networking Llc**									
2439826	Shipping Charges For Copy Paper Delivery	Open		02/18/2022	03/20/2022	02/17/2022			25.
			Vendor **4588 - Impact Networking Llc** Totals			Invoices	1		$25.
Vendor **4723 - Industrial Systems Ltd**									
23733	Liquid Deicing Chemicals	Open		02/07/2022	03/09/2022	02/25/2022			3,828.
23745	Liquid Deicing Chemicals	Open		02/11/2022	03/13/2022	02/25/2022			3,828.
			Vendor **4723 - Industrial Systems Ltd** Totals			Invoices	2		$7,656.
Vendor **4951 - Interstate Batteries of North Chicago**									
70000339	Parts - STOCK	Open		02/15/2022	03/17/2022	02/28/2022			761.
			Vendor **4951 - Interstate Batteries of North Chicago** Totals			Invoices	1		$761.
Vendor **4366 - Interstate Power Systems Inc**									
C042056164:01	Parts - T-467	Open		01/24/2022	02/23/2022	02/28/2022			417.
			Vendor **4366 - Interstate Power Systems Inc** Totals			Invoices	1		$417.
Vendor **4165 - J.M.L. Overhead Door Inc**									
3254	Traffic Ready Room Garage Door Repair	Open		01/28/2022	02/27/2022	02/15/2022			607.
			Vendor **4165 - J.M.L. Overhead Door Inc** Totals			Invoices	1		$607.
Vendor **2992 - James Messineo**									
Feb. 25, 2022	FEBRUARY 2022 LAW JUDGE	Open		02/25/2022	03/07/2022	02/25/2022			2,100.
			Vendor **2992 - James Messineo** Totals			Invoices	1		$2,100.
Vendor **1635 - Joseph D. Foreman & Company**									
330589	5/8 inch Belleville Washer	Open		02/17/2022	03/19/2022	02/24/2022			265.
			Vendor **1635 - Joseph D. Foreman & Company** Totals			Invoices	1		$265.
Vendor **1129 - Journeys The Road Home**									
2022-00000166	CDBG-CV Journeys	Open		03/02/2022	03/02/2022	03/02/2022			9,339.
			Vendor **1129 - Journeys The Road Home** Totals			Invoices	1		$9,339.

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VILLAGE OF PALATINE

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Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
Vendor **3903 - Robert R Kluzek**									
2022-00000132	Tuition Reimbursement	Open		02/22/2022	02/22/2022	02/22/2022			634.
			Vendor **3903 - Robert R Kluzek** Totals			Invoices	1		$634.
Vendor **3357 - KONE Inc**									
921444985	Elevator Testing QEI Fees-Parking Garage	Open		01/27/2022	03/04/2022	02/15/2022			3,019.
			Vendor **3357 - KONE Inc** Totals			Invoices	1		$3,019.
Vendor **4345 - Liftoff Llc**									
6141add17	Online License	Open		01/06/2022	02/24/2022	02/22/2022			24.
			Vendor **4345 - Liftoff Llc** Totals			Invoices	1		$24.
Vendor **2641 - Lyons Pinner Electric Co.**									
13945	Additional Repairs-Palatine and Winston	Open		02/14/2022	03/16/2022	02/11/2022			330.
			Vendor **2641 - Lyons Pinner Electric Co.** Totals			Invoices	1		$330.
Vendor **2995 - M & B Landscaping Co.**									
PD-318	2022 Parking Deck Snow & Ice Control Services	Open		02/07/2022	03/09/2022	02/11/2022			1,747.
PD-319	2022 Parking Deck Snow & Ice Control Services	Open		02/15/2022	03/17/2022	02/15/2022			550.
			Vendor **2995 - M & B Landscaping Co.** Totals			Invoices	2		$2,297.
Vendor **5128 - M.J. Taylor Law, LLC**									
February 2022	Village Prosecutor Legal	Open		02/25/2022	03/07/2022	02/28/2022			3,450.
			Vendor **5128 - M.J. Taylor Law, LLC** Totals			Invoices	1		$3,450.
Vendor **5066 - Marco Technologies LLC**									
463970491	Copier Maintenance Agreement	Open		01/28/2022	02/23/2022	02/09/2022			1,236.
			Vendor **5066 - Marco Technologies LLC** Totals			Invoices	1		$1,236.
Vendor **4780 - Marsh USA, Inc**									
399962089645	2022 Risk Renewal	Open		01/31/2022	02/14/2022	02/14/2022			100.
			Vendor **4780 - Marsh USA, Inc** Totals			Invoices	1		$100.
Vendor **2756 - Mc Master Carr Supply Co.**									
72307877	Parts - E-100	Open		02/02/2022	03/10/2022	02/28/2022			137.
72394991	Parts - T-499	Open		02/03/2022	03/05/2022	02/28/2022			31.
72574261	Credit Memo	Open		02/08/2022	03/10/2022	02/28/2022			(55.5
			Vendor **2756 - Mc Master Carr Supply Co.** Totals			Invoices	3		$113.
Vendor **4600 - Meridian IT Inc**									
507868	Reporting and Support Services: Commvault Licenses	Open		02/01/2022	03/01/2022	01/28/2022			539.

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Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
			Vendor **4600 - Meridian IT Inc** Totals			Invoices	1		$539.
Vendor **3610 - Metropolitan Industries, Inc**									
INV035247	Hale Street Lift Station Pump Replacement	Open		01/17/2022	02/16/2022	03/02/2022			7,460.
			Vendor **3610 - Metropolitan Industries, Inc** Totals			Invoices	1		$7,460.
Vendor **2421 - Mikes Towing/Auto & Truck Repair**									
1068993	Repairs & Safety Lane - T-338, T-454 & T-339	Open		02/11/2022	03/13/2022	02/28/2022			126.
			Vendor **2421 - Mikes Towing/Auto & Truck Repair** Totals			Invoices	1		$126.
Vendor **1856 - Monroe Truck Equipment**									
5470219	Parts - STOCK	Open		02/10/2022	03/12/2022	02/28/2022			185.
			Vendor **1856 - Monroe Truck Equipment** Totals			Invoices	1		$185.
Vendor **2585 - Mortenson Roofing Company Inc**									
11288	Slate Repair-Train Station and Train Shelters	Open		01/28/2022	03/04/2022	02/15/2022			4,842.
			Vendor **2585 - Mortenson Roofing Company Inc** Totals			Invoices	1		$4,842.
Vendor **5118 - Municipal GIS Partners, Inc**									
5979	March Staffing	Open		02/28/2022	03/18/2022	03/01/2022			17,853.
			Vendor **5118 - Municipal GIS Partners, Inc** Totals			Invoices	1		$17,853.
Vendor **5099 - NAPA Auto Parts**									
359395	Parts - T-352	Open		02/08/2022	03/10/2022	02/03/2022			27.
359755	Parts - STOCK	Open		02/11/2022	03/13/2022	02/28/2022			19.
359839	Parts - T-352	Open		02/14/2022	03/16/2022	02/28/2022			326.
359924	Parts - T-352	Open		02/15/2022	03/17/2022	02/28/2022			38.
359928	Parts - E-999	Open		02/15/2022	03/17/2022	02/28/2022			118.
360100	Parts - T-357	Open		02/16/2022	03/18/2022	02/28/2022			44.
360150	Parts - T-357	Open		02/17/2022	03/19/2022	02/28/2022			19.
360161	Parts - T-391	Open		02/17/2022	03/19/2022	02/28/2022			27.
			Vendor **5099 - NAPA Auto Parts** Totals			Invoices	8		$620.
Vendor **2616 - Nicor Gas**									
93126652572-1/22	Natural Gas-150 W. Wilson Street Clu Building	Open		01/18/2022	03/07/2022	02/22/2022			1,162.
37917400006-1/22	Natural Gas-914 W. Lukas Avenue Square D Lift Station	Open		01/19/2022	03/08/2022	02/22/2022			51.
55424779829-1/22	Natural Gas-1545-47 Shires Court Lift Station	Open		01/20/2022	03/08/2022	02/22/2022			52.
19505219626-1/22	Natural Gas-251 W. Colfax Street Parking Deck	Open		01/25/2022	03/14/2022	02/22/2022			166.

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Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
46007255576-1/22	Natural Gas-804 W. Panorama Drive Deer Grove Lift Station	Open		01/25/2022	03/14/2022	02/22/2022			56.
83980510966-1/22	Natural Gas-550 N. Smith Street Well 7 Generator	Open		01/25/2022	03/14/2022	02/22/2022			50.
25623386239-1/22	Natural Gas-1484 N. Oak Street Pepper Tree Lift Station	Open		01/26/2022	03/15/2022	02/22/2022			53.
66457600006-1/22	Natural Gas-555 E. Dundee Road Hicks and Dundee Pump Station	Open		01/26/2022	03/15/2022	02/22/2022			338.
68017400000-1/22	Natural Gas-137 W. Wood Street Train Station	Open		01/26/2022	03/15/2022	02/22/2022			651.
70018165616-1/22	Natural Gas-432 W. Haleys Hill Court Dunhaven Woods Lift Station	Open		01/26/2022	03/15/2022	02/22/2022			51.
88271305703-1/22	Natural Gas-1465 E. Evergreen Drive Randville Lift Station	Open		01/27/2022	03/15/2022	02/22/2022			188.
36756460568-1/22	Natural Gas-884 E. Lilly Lane Rose and Lilly Lift Station	Open		01/28/2022	03/15/2022	02/22/2022			163.
88097600006-1/22	Natural Gas-2175 N. Coach Road Long Grove Pump Station	Open		02/03/2022	03/22/2022	02/22/2022			49.
			Vendor **2616 - Nicor Gas** Totals			Invoices	13		$3,036.
Vendor **2432 - Northern Ill Police Alarm System**									
14361	Uniform/Equipment for Mobile Field Force Officer (M. Thorpe)	Open		02/07/2022	03/07/2022	02/28/2022			2,927.
			Vendor **2432 - Northern Ill Police Alarm System** Totals			Invoices	1		$2,927.
Vendor **3002 - Northwest Community Hospital-OEHS**									
26161	Drug & Alcohol Screening	Open		02/01/2022	03/01/2022	02/28/2022			66.
26377	Physicals/DOT Screening	Open		02/01/2022	03/02/2022	02/23/2022			100.
			Vendor **3002 - Northwest Community Hospital-OEHS** Totals			Invoices	2		$166.
Vendor **1214 - On Time Embroidery Inc.**									
92948	Clothing	Open		02/10/2022	03/09/2022	02/11/2022			45.
94376	Clothing	Open		02/10/2022	03/09/2022	02/11/2022			81.
96319	Clothing	Open		02/10/2022	03/09/2022	02/11/2022			54.
97759	Clothing	Open		02/10/2022	03/09/2022	02/11/2022			70.
97760	Clothing	Open		02/10/2022	03/09/2022	02/11/2022			54.
94662	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			329.
96133	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			27.
96674	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			181.
97004	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			156.
97214	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			744.
97530	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			106.
98167	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			154.
98168	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			55.

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98169	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			101.
98170	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			27.
98171	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			364.
98172	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			340.
98173	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			125.
98174	Clothing	Open		02/21/2022	03/20/2022	02/28/2022			27.
			Vendor **1214 - On Time Embroidery Inc.** Totals			Invoices	19		$3,041.
Vendor **2572 - Paddock Publications, Inc**									
208019	Legal Notices - Notice of Intent to Release Funds	Open		02/14/2022	03/14/2022	02/22/2022			234.
			Vendor **2572 - Paddock Publications, Inc** Totals			Invoices	1		$234.
Vendor **1583 - Palatine Park District**									
118161	Kitchen Supplies	Open		02/07/2022	03/09/2022	02/07/2022			129.
			Vendor **1583 - Palatine Park District** Totals			Invoices	1		$129.
Vendor **5178 - Pump Solutions #1 Corporation**									
37785	Bulk Tank Pump	Open		02/14/2022	03/16/2022	02/25/2022			1,841.
			Vendor **5178 - Pump Solutions #1 Corporation** Totals			Invoices	1		$1,841.
Vendor **5182 - Cody Ringham**									
PWCDLCR02052022	CDL Permit Reimbursement	Open		02/05/2022	02/19/2022	02/17/2022			50.
			Vendor **5182 - Cody Ringham** Totals			Invoices	1		$50.
Vendor **4545 - Robinson Engineering Ltd**									
22020069	2022 Water Main Extensions Project Design DPW-2224	Open		02/10/2022	03/12/2022	03/02/2022			8,091.
			Vendor **4545 - Robinson Engineering Ltd** Totals			Invoices	1		$8,091.
Vendor **3983 - Rock River Sports LLC**									
629	Ice Picks	Open		02/16/2022	03/15/2022	02/24/2022			65.
			Vendor **3983 - Rock River Sports LLC** Totals			Invoices	1		$65.
Vendor **4592 - Rogner's Towing & Recovery**									
22917	Repairs & Maintenance - T-474	Open		02/10/2022	03/12/2022	02/28/2022			107.
			Vendor **4592 - Rogner's Towing & Recovery** Totals			Invoices	1		$107.
Vendor **4019 - Rush Truck Centers**									
3026512996	Parts - T-338	Open		02/08/2022	03/10/2022	02/28/2022			163.
3026534874	Parts - T-411 & T-370	Open		02/09/2022	03/11/2022	02/28/2022			244.
3026629861	Parts - STOCK	Open		02/16/2022	03/18/2022	02/28/2022			403.
			Vendor **4019 - Rush Truck Centers** Totals			Invoices	3		$810.
Vendor **4947 - Jonathan Salas**									

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Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
PWBRJS021722	Boot Reimbursement	Open		02/17/2022	03/03/2022	02/17/2022			164.
			Vendor **4947 - Jonathan Salas** Totals			Invoices	1		$164.
Vendor **1689 - Smith Ecological Systems Inc**									
23659	Heron Pump Station pH and Chlorine Analyzers	Open		01/18/2022	02/20/2022	03/02/2022			6,637.
			Vendor **1689 - Smith Ecological Systems Inc** Totals			Invoices	1		$6,637.
Vendor **1377 - Southern Computer Warehouse**									
INV00725957	Surface Pro	Open		02/08/2022	03/10/2022	02/22/2022			1,556.
			Vendor **1377 - Southern Computer Warehouse** Totals			Invoices	1		$1,556.
Vendor **1547 - Spring Align**									
120386	Parts - T-499	Open		02/15/2022	03/17/2022	02/28/2022			514.
			Vendor **1547 - Spring Align** Totals			Invoices	1		$514.
Vendor **4754 - Tech Electronics of Illinois, Llc**									
N000119775	Pump Station Door Security Enhancements-Smith and Long Grove	Open		01/11/2022	02/10/2022	03/02/2022			1,502.
N000120205	Pump Station Door Security Enhancements-Smith and Long Grove	Open		01/13/2022	02/12/2022	03/02/2022			2,875.
N000124376	Pump Station Door Security Enhancements-Smith and Long Grove	Open		02/08/2022	03/10/2022	03/02/2022			7,103.
			Vendor **4754 - Tech Electronics of Illinois, Llc** Totals			Invoices	3		$11,481.
Vendor **2111 - Terminal Supply Co**									
9999835	Credit Memo	Open		02/03/2022	03/06/2022	02/28/2022			(28.0
18225-00	Parts - STOCK	Open		02/04/2022	03/06/2022	02/28/2022			451.
19828-00	Parts - STOCK	Open		02/11/2022	03/13/2022	02/28/2022			74.
20643-00	Parts - STOCK	Open		02/15/2022	03/17/2022	02/28/2022			225.
20937-00	Parts - STOCK	Open		02/16/2022	03/18/2022	02/28/2022			29.
			Vendor **2111 - Terminal Supply Co** Totals			Invoices	5		$753.
Vendor **2296 - The Blue Line**									
42812	Police Officer Recruitment Listing	Open		02/16/2022	03/01/2022	02/28/2022			547.
			Vendor **2296 - The Blue Line** Totals			Invoices	1		$547.
Vendor **1199 - Thompson Elevator Inspection Service Inc**									
22-0441	103 Elevator code inspections	Open		02/10/2022	03/12/2022	02/15/2022			3,914.
22-0447	Plan review - 1037 Partridge Dr.	Open		02/11/2022	03/13/2022	02/15/2022			75.
			Vendor **1199 - Thompson Elevator Inspection Service Inc** Totals			Invoices	2		$3,989.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5

Invoice Due Date Range 02/01/22 - 03/22/2
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
Vendor **4058 - TransUnion Risk and Alternative Data Solutions Inc**									
71751-Jan-22	Online Investigative Search Engine (Jan)	Open		02/01/2022	03/07/2022	02/28/2022			302.
		Vendor **4058 - TransUnion Risk and Alternative Data Solutions Inc** Totals				Invoices	1		$302.
Vendor **4403 - Tyler Technologies Inc**									
025-353400a	Energov Maintenance	Open		11/01/2021	03/01/2022	03/01/2022			46,391.
		Vendor **4403 - Tyler Technologies Inc** Totals				Invoices	1		$46,391.
Vendor **3157 - UniFirst Corporation**									
061 1432950	Shop Rags/Carpets	Open		02/07/2022	03/09/2022	02/07/2022			46.
061 1434652	Shop Rags/Carpets	Open		02/14/2022	03/16/2022	02/07/2022			51.
		Vendor **3157 - UniFirst Corporation** Totals				Invoices	2		$98.
Vendor **3709 - Verizon Wireless**									
9899481790	Cellular Usage	Open		02/12/2022	03/02/2022	02/22/2022			2,652.
		Vendor **3709 - Verizon Wireless** Totals				Invoices	1		$2,652.
Vendor **3209 - Warehouse Direct**									
5136479-0	Cascade, Laundry Detergent, SS & Wood Polish & Disinfectant	Open		01/03/2022	03/04/2022	02/15/2022			1,658.
5136506-0	Paper Towels, M-Fold Towels, Liners & Toilet Paper	Open		01/03/2022	03/07/2022	02/15/2022			2,754.
		Vendor **3209 - Warehouse Direct** Totals				Invoices	2		$4,413.
Vendor **4824 - Western First Aid & Safety**									
ORD4-008253	First Aid Kit Refill	Open		01/28/2022	02/27/2022	02/24/2022			211.
		Vendor **4824 - Western First Aid & Safety** Totals				Invoices	1		$211.
Vendor **MRV Architects Inc**									
2022-00000155	sign refund/ 1142 E Dundee Road / 21-94	Open		02/24/2022	02/24/2022	02/24/2022			125.
		Vendor **MRV Architects Inc** Totals				Invoices	1		$125.
Vendor **Jacob Victor**									
2022-00000133	sign refund/ 874-921 N Quentin / 21-89	Open		02/23/2022	02/23/2022	02/23/2022			250.
		Vendor **Jacob Victor** Totals				Invoices	1		$250.
		Grand Totals				Invoices	247		$511,360.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

VILLAGE OF PALATINE

Warrant #5 EFT #1

Payment Date Range 03/02/22 - 03/02/2
Report By Vendor - Invoi
Summary Listi

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amou
Vendor **1292 - Northwest Water Commission**									
PALQRTLY 0222	Quarterly Payment 02/2022	Paid by EFT #5797		01/28/2022	03/02/2022	03/02/2022		03/02/2022	600,560.
		Vendor **1292 - Northwest Water Commission** Totals				Invoices	1		$600,560.
				Grand Totals		Invoices	1		$600,560.

Attachment: Warrant #5 (2022-5 : Warrant # 5)

Village of Palatine

UB REFUNDS 02/18/2022

Bank Account: AP - Accounts Payable ZBA

Batch Date: 02/18/2022

Type	Date	Number	Source	Payee Name	EFT Bank/Account	Transaction Amount
Bank Account: AP - Accounts Payable ZBA						
Check	02/18/2022	259212	Utility Management Refund	KELLY , DENNIS T		125.82
Check	02/18/2022	259213	Utility Management Refund	WALTER , JENNIFER		60.00
AP Accounts Payable ZBA Totals:				Transactions: 2		$185.82

Checks:	2	$185.82

Attachment: Warrant #5 (2022-5 : Warrant # 5)

Village of Palatine

Payment Batch Register

Bank Account: AP - Accounts Payable ZBA

Batch Date: 02/25/2022

Type	Date	Number	Source	Payee Name	EFT Bank/Account	Transaction Amount
Bank Account: AP - Accounts Payable ZBA						
Check	02/25/2022	259214	Utility Management Refund	HORN PROPERTIES LLC		7.40
	Account Type			Account Number	Transaction Date	Transaction Type
	Residential - Single Family			100078003-008	02/22/2022	Refund
Check	02/25/2022	259215	Utility Management Refund	KAKANURU , VENKATA		6.02
	Account Type			Account Number	Transaction Date	Transaction Type
Check	02/25/2022	259216	Utility Management Refund	WAXLER , ROBIN		84.50
	Account Type			Account Number	Transaction Date	Transaction Type
	Residential - Single Family			412247601-001	02/22/2022	Refund
AP Accounts Payable ZBA Totals:				Transactions: 3		$97.92
	Checks:	3	$97.92			

Attachment: Warrant #5 (2022-5 : Warrant # 5)

Consider an Ordinance Granting a Minor Planned Development Amendment to the Palatine Centre/Quest Academy at 3 - 47 E. Northwest Highway

BACKGROUND:
Quest Academy owns and operates the adjacent Palatine Centre shopping center (located at 3 - 47 E. Northwest Highway) which operates under a Planned Development ordinance. As part of that ordinance, there are limitations on Quest's use/occupancy of space within the shopping center. These limitations include that all student-related uses be located in the East Building (23 - 47 E. Northwest Highway). Quest has indicated they would like to expand some student uses into vacant tenant spaces within the West Building. Therefore, the Petitioner is requesting approval of the following:

> **A Minor Planned Development to Planned Development Ordinance #O-120-11 regarding the location of student uses within the Palatine Centre (3 - 47 E. Northwest Highway).**

KEY ISSUES:

- The Petitioner, Quest Academy, is seeking the ability to utilize two existing tenant spaces within the West Building for student uses. Condition 3(b) of the operative Planned Development Ordinance (#O-120-11) includes the following limitations:

  Student uses shall be strictly limited to the building directly west of the existing Quest School (23 - 47 E. Northwest Highway) (herein referred to as the "East Building"), and shall not occur in the western building (3 - 19 E. Northwest Highway) (herein referred to as the "West Building")

- In addition, the Planned Development Ordinance indicates that Quest Academy shall not occupy more than 50% of the entire Palatine Centre with Quest school/student related uses.

- As outlined in the attached letter, Quest Academy is looking to occupy Units 5 & 7 in the West Building for use as a multi-purpose room and an indoor lunch space for their middle school grades. In addition, they are also considering the expansion into Units 33/35 in the East Building following the expiration of the existing tenant's lease (Claude Thomas Salon & Spa).

- The Palatine Centre consists of two buildings, containing a total of 37,321 square feet. Quest Academy related uses currently occupy Units 37 - 47 (totaling 8,707 square feet, or 24%). The addition of Units 5 & 7 would increase the total to 12,394 square feet (or 33%), with the further addition of Unit 33/35 resulting in a total of 15,185 square feet (or 40.6%). Thus, with one or both of the proposed expansions into additional tenant spaces, the total square footage occupied would still fall below the existing maximum 50% school/student occupancy limitation.

- As you may recall, in 2021 the Village Council approved a minor amendment to the Planned Development to allow for the payment in lieu of taxes to the Village of Palatine. This payment would cover the portion of the real estate tax bill being

exempted that would otherwise be due and attributable to the Village had no exemption been applied. This amendment remains in place and would apply to any portion of the building for which Quest pursues a real estate exemption.

ALTERNATIVES:

1. Approve a minor amendment to the Palatine Centre Planned Development Ordinance #O-120-11.

2. Do not approve a minor amendment to Palatine Centre Planned Development Ordinance #O-120-11.

RECOMMENDATION:
Staff recommends approval of the Minor Amendment to Planned Development Ordinance #O-120-11.

ACTION REQUIRED:
A motion to approve the Minor Amendment to Planned Development Ordinance #O-120-11.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider an Ordinance Granting a Final Planned Development for Carraig Subdivision at 274 & 286 W. Michigan Avenue

BACKGROUND:
The Subject Property contains two existing lots (totaling 2.75 acres) and is zoned Planned Development. It was approved (March 13, 2017) for a 6-lot single-family subdivision. The Planned Development expired (March 13, 2020), without any development activity. Therefore, the Petitioner is requesting approval of the following:

Final Planned Development for a 6-lot single-family residential development.

KEY ISSUES:

- The Carraig Subdivision Planned Development is located between Arcadia and Arcadia West Subdivisions. It will complete the development within the Michigan Avenue Sub Area Plan and also extend Preswick Street.

- The engineering plans again propose a separate detention basin for Carraig Subdivision, which is consistent with the 2017 petition. When Arcadia West was approved in 2017, its detention basin was oversized to potentially accommodate Carraig Subdivsion. Staff is again taking a neutral position on the Carraig detention, to allow the Arcadia West detention capacity to be reviewed.

- After submitting final detention calculations (Carraig), Staff can review the Arcadia West basin capacity and determine the feasibility of eliminating/reducing this basin. Volume control is still required, but eliminating the basin could allow the following changes: 1) a separate HOA for the detention would not be required, with reduced maintenance responsibilities ; and 2) fencing restrictions would not be required. This is a policy decision for the Village Council. If there is capacity within Arcadia West, the Petitioner would be required to participate with the Arcadia West HOA.

- Two surrounding property owners submitted maintenance e-mail concerns about the existing structures. They have not been occupied for at least the last 3 years. Staff is recommending a condition that the Petitioner schedule their demolition, no later than August 31, 2022.

ALTERNATIVES:

1. Approve the Carraig Subdivision Final Planned Development.
2. Do not approve the Carraig Subdivision Final Planned Development.

RECOMMENDATION:

Public Hearing:	Plan Commission - March 1, 2022
Residents testifying:	None
Vote:	The Plan Commission voted unanimously to recommend approval of the Carraig Subdivision Final Planned Development at 274 & 286 W. Michigan Avenue. Staff concurs with this recommendation.

ACTION REQUIRED:
A motion to approve the Final Planned Development for Carraig Subdivision at 274 & 286 W. Michigan Avenue.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider a Motion Accepting the Required Three-Month Review of Operations of Madcats at 117 W. Slade Street

BACKGROUND:
Madcats received Special Use approval for a restaurant/bar, with live entertainment on February 1, 2021, subject to nine conditions. After receiving a building permit and completing the interior construction renovations, Madcats opened in late fall 2021. The Special Use conditions require a 3-month and 9-month review of operations. It also provided the ability to recommend additional conditions as part of the review.

KEY ISSUES:

- The approved Special Use included conditions relative to the use of security cameras, compliance with a smoking plan, and limitations about the use of the auxiliary dining room.

- The approved business plan included live entertainment hours as follows: Friday/Saturday 8 PM through 11:30 PM; Tuesday through Thursday 7 PM through 11:30 PM; Sunday 5 PM-11 PM. The event time activities listed on the website were consistent with the live entertainment hours in the business plan.

- Since Madcats has been open and operational, Staff has not received any complaints. Staff also contacted the two surrounding businesses in the 117 building, who participated in the Special Use process. Although one of the businesses relocated from the 117 building, both businesses reported that, thus far, there were no issues with Madcats' operations.

- As part of this review, the Police Department also reviewed the calls for service associated with Madcats. There were 9 calls for service during this time. This included 4 calls relative to a fire alarm, 2 ambulance assists, 1 traffic accident (no injury), 1 customer/management dispute, and 1 non-specific disturbance.

ALTERNATIVES:
1. Accept the 3-month review of operations.
2. Do not accept the 3-month review of operations.

RECOMMENDATION:
Staff recommends acceptance of the 3-month review, without recommending any additional Special Use conditions at this time.

ACTION REQUIRED:
A motion to accept 3-month review of operations for Madcats at 117 W. Slade Street.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider an Ordinance Amending Section 18-62 of the Code of Ordinances to Add an All-Way Stop Intersection at East Helen Road and South Benton Street

BACKGROUND:
The Traffic Engineering Committee examined a safety concern raised by residents at the intersection of East Helen Road and South Benton Street. Recent development activity in the area has resulted in concerns being expressed by neighboring residents.

KEY ISSUES:

- Traffic counts were conducted and the intersection do not meet the warrants for traffic volume at this intersection.
- Several residents have contacted the Traffic Engineering Committee regarding concerns about traffic volume, school bus pickup and drop-off, and general traffic disregard for pedestrians.
- Residents have also expressed concerns about traffic with the construction of the Amazon facility and the current redevelopment of the Weber Stephens site.
- At the request of several residents, a survey was conducted to establish the neighborhood's want for an all way stop intersection at Helen Road and Benton Street.
- 100 homes were surveyed and 41 replies were received. Of the 41 responses, 31 are in favor of an all way stop at the intersection, 8 are not in favor and 2 have no preference.
- West Helen Road has two all-way stop intersections between Cedar Street and Plum Grove Road.

ALTERNATIVES:

1. Add an all-way stop intersection at East Helen Road and South Benton Street.
2. Refer back to Staff with comments.

RECOMMENDATION:
The Traffic Engineering Committee recommends action a the discretion of the Village Council as the traffic data does not warrant an all-way stop intersection as described in the Manual on Uniform Traffic Control Devices. As the neighborhood survey indicates a majority of the residents in the area are supportive of the proposed traffic control, it would be consistent with other neighborhood surveys to add the stop sign requested.

ACTION REQUIRED:
A motion to approve an ordinance amending Section 18-62(a) of the Code of Ordinances by adding an all-way stop intersection at East Helen Road and South Benton Street.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider an Ordinance Amending Section 18-66 of the Code of Ordinances to Remove the No Right Turn on Red Prohibition for Northbound Brockway Street at Palatine Road

BACKGROUND:
At the February 2022 Traffic Engineering Committee meeting, the group examined a request on northbound Brockway Street at Palatine Road. With the recent demolition of 101 West Palatine Road (former Kramer Photography building), the Committee reviewed the prohibition of right turns on red for northbound traffic on Brockway Street to eastbound Palatine Road. Demolition of the building has improved the sight distance for this movement.

KEY ISSUES:

- The restriction to address the line of sight issue has been eliminated with the demolition of the building.
- Any proposed future building would be required to address any line of sight issues that may arise from the building proposal and can be reviewed as part of that application.

ALTERNATIVES:

1. Remove the prohibition of right turns on red for northbound Brockway Street for eastbound Palatine Road.
2. Refer back to Staff with comments.

RECOMMENDATION:
The Traffic Engineering Committee recommends the removal of the prohibition of right turns on red for northbound Brockway Street for eastbound Palatine Road.

ACTION REQUIRED:
A motion to approve an ordinance amending Section 18-66 of the Code of Ordinances to remove the prohibition of right turns on red for northbound traffic on Brockway Street to eastbound Palatine Road.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider a Motion Authorizing the Village Manager to Purchase a Replacement Log Loader Truck

BACKGROUND:
As part of the Capital Equipment Replacement Budget for 2022, the Village Council has appropriated $207,030 in funds for the replacement of a 2002 GMC log loader truck (T-423). This vehicle is recommended for replacement after an inspection, evaluation, and life cycle cost analysis.

The current log loader was originally purchased as a used unit, and is a front-line truck used for tree removals, brush collection, and storm cleanup. The current log loader truck will be sold at auction.

A log loader truck is a flat-bed truck with stake sides or a dump body that includes a boom grapple mounted behind the cab or at the rear of the bed. The grappling bucket is able to pick up logs, wood chips, stump grinding materials, dirt, trash, and other loose materials. It is typically used for tree removal, brush cleanup, assists in creek cleaning activities, and is a valuable tool used for emergency cleanup in wind storms

KEY ISSUES:

- Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.
- Currently, there is an active State bid for the International truck, but Staff is recommending Freightliner. The advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours over the course of a year in transportation when a repair needs to be performed at a dealer. Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12” in overall frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as brush collection. Finally, the Freightliner has an aluminum cab versus a steel cab on the International. This will help reduce corrosion and rust-through on components such as the floor boards and doors.
- Staff reached out to Rush Truck Center and Northwest Trucks to obtain pricing on the chassis for the log loader. Northwest Trucks related that due to the supply chain issues affecting the industry, the factory is using an allocation system allowing each dealer to only be able to order a predetermined amount of truck chassis this year and next. Northwest Trucks submitted the lowest pricing at $95,850.
- The truck chassis is only the first part of the purchase. The outfitting for the log loader bed is a specialized field with only a few vendors to build them. Because of supply chain issues affecting the industry, Staff was told that if the Village was to order a new loader boom and truck bed, the components would not arrive until 2023.
- Runnion Equipment, a local outfitter of log trucks in Hodgkins, Illinois, stated they

have an in stock unit that they could install on our supplied chassis. Runnion has built log trucks for many municipalities, including Des Plaines and Lake Forest. Staff visited Lake Forest and operated their log truck and was impressed with its capabilities. This truck request would be similar to the Lake Forest truck.

- Runnion does not have a joint-purchase contract and there is no comparable truck builder in the Chicagoland area for comparison. In addition, Runnion has an in-stock unit that will decrease the lead-time by almost one year. Runnion submitted outfitting pricing of $121,139.
- For the chassis price, International is $97,783 and Freightliner is $95,850. Outfitting would cost $121,139. The best value for a truck is a Freightliner 108SD from Northwest Trucks and outfitting by Runnion for a total cost of $216,989.
- There is a $1,933 savings from the Northwest Truck chassis proposal versus the International HV507 contract pricing. Freightliner does not have a current joint-purchase contract, but it would be in the best interest of the Village to waive formal bid requirements and accept the proposal from Northwest Trucks.

ALTERNATIVES:

1. Waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD chassis log loader truck from Northwest Trucks and outfitting for the truck from Monroe Truck.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner 108SD chassis log loader truck from Northwest Trucks in the amount of $95,850 and outfitting from Runnion Equipment in the amount of $121,139, for a total cost not to exceed $216,989.

BUDGET IMPACT:
Funds in the amount of $207,000 have been appropriated in the Capital Equipment Replacement Budget for these purchases. With the total proposed cost of $216,989, there is a shortfall of $9,959. Staff will defer other less critical capital purchases this year to offset budget shortages on this and other truck purchases. Specifically, the replacement of the 2001 Godwin 6 inch trash pump ($59,740) will not proceed unless other savings from other purchases are realized.

ACTION REQUIRED:
Motion to waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD chassis log loader truck from Northwest Trucks, Incorporated in the amount of $95,850 and outfitting from Runnion Equipment in the amount of $121,139, for a total cost not to exceed $216,989.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider a Motion Authorizing the Village Manager to Purchase Two Heavy Duty Haul Trucks

BACKGROUND:
As part of the Capital Equipment Replacement Budget for 2022, the Village Council has appropriated $352,425 in funds for the replacement of one 2009 heavy-duty single-axle five-ton dump truck (T-373) and one 2011 heavy-duty tandem-axle dump truck (T-380). These vehicles are recommended for replacement after an inspection, evaluation and life cycle cost analysis. The current mileage on the vehicles are: 75,000 miles (T-373) and 211,860 miles (T-380).

Both are front-line trucks used year-round for snow and ice control, asphalt patching, leaf collection, and various hauling duties. The single-axle truck will be held in reserve status for another 2-3 years, replacing 2006 reserve truck T-346. The tandem-axle dump truck will be sold at auction

KEY ISSUES:

- Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.
- Currently, there is an active State bid for the International truck, but Staff also obtained pricing from Northwest Trucks to see how the pricing compared to the State bid. Both trucks have the same specifications.
- The truck chassis is only the first part of the purchase. The outfitting (plows, spreader, dump body, and emergency lighting) is performed by a truck body company. Typically, the chassis dealer will just bill the Village for the total truck purchase including outfitting, but they can be separate purchases as well. Therefore, Staff compared the costs between two of our vendors who have performed outfitting in the past. The majority of the Village trucks have been outfitted by Monroe Truck in Monroe, Wisconsin, while Bonnell Industries in Dixon, Illinois outfitted three of the last four trucks purchased as the lower cost proposal. Staff requested proposals from both companies.
- Selecting the Freightliner truck over the International truck results in a lower cost for the single-axle chassis and a difference of only $109 favoring International for the tandem-axle chassis. Monroe Truck also provided the lower cost for outfitting compared to Bonnell for both trucks. The Freightliner trucks with upfitting completed by Monroe results in the best value.
- The advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours over the course of a year in transportation when a repair needs to be performed at a dealer. Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12” in overall frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as snowplowing. Finally, the Freightliner has an aluminum cab versus a steel cab on

the International. This will help reduce corrosion on components such as the floor boards and doors.

- Freightliner has no current joint-purchase contracts. Therefore, it would be in the best interest of the Village to waive formal bid requirements and accept the proposal from Northwest Trucks for the chassis and the proposal from Monroe Truck for the outfitting.

ALTERNATIVES:

1. Waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis and one Freightliner 108SD tandem-axle chassis five-ton dump trucks from Northwest Trucks and upfitting for the two trucks from Monroe Truck.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis and one Freightliner 108SD tandem-axle chassis five-ton dump trucks from Northwest Trucks in the amount of $172,500 and upfitting from Monroe Truck in the amount of $215,009, for a total cost not to exceed $387,509.

BUDGET IMPACT:
Funds in the amount of $352,425 have been appropriated in the Capital Equipment Replacement Budget for these purchases. With the total proposed cost of $387,509, there is a shortfall of $35,084. Staff will defer other less critical capital purchases this year to offset budget shortages on this and other truck purchases. Specifically, the replacement of the 2001 Godwin 6 inch trash pump ($59,740) will not proceed unless other savings from other purchases are realized.

ACTION REQUIRED:
Motion to waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis and one Freightliner 108SD tandem-axle chassis five-ton dump trucks from Northwest Trucks, Incorporated in the amount of $172,500 and upfitting from Monroe Truck Equipment in the amount of $215,009, for a total cost not to exceed $387,509.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider a Motion Authorizing the Village Manager to Pre-Purchase a Replacement Five-Ton Dump Truck

BACKGROUND:
Due to the supply chain issues and truck manufacturers only allocating a limited amount of orders each year, Staff is requesting approval to pre-purchase one of the five-ton dumps trucks scheduled for replacement in 2023. T-379 is a 2011 heavy-duty five-ton dump truck with 114,120 miles.

This truck is used year-round for snow and ice control, asphalt patching, leaf collection, and various hauling duties. This truck will be held in reserve status for another 2-3 years, replacing 2009 reserve truck T-369.

There are two five-ton trucks scheduled for replacement in 2023, but the truck manufacturers relate that they are only allowed to place a limited amount of orders this year and possibly next year until the supply chain issues ease. Therefore, the Village can only pre-order one of the trucks scheduled for next year.

It is worth noting that prices have been increasing on chassis and outfitting services on a regular basis, so a pre-purchase will lock-in the pricing at current levels.

KEY ISSUES:

- Traditionally, the Village has purchased heavy-duty trucks through the Illinois State Joint-Purchase Contract. However, the last seven heavy-duty truck purchases were through a local Freightliner dealer, Northwest Trucks Inc. After comparing their pricing against the Illinois State Contract for an International chassis, Freightliner pricing is found to be very competitive.
- Currently, there is an active State bid for the International truck, but Staff also obtained pricing from Northwest Trucks to see how the pricing compared to the State bid. Both trucks have the same specifications.
- The truck chassis is only the first part of the purchase. The outfitting (plows, spreader, dump body, and emergency lighting) is performed by a truck body company. Typically, the chassis dealer will just bill the Village for the total truck purchase including outfitting, but they can be separate purchases as well. Therefore, Staff compared the costs between two of our vendors who have performed outfitting in the past. The majority of the Village trucks have been outfitted by Monroe Truck in Monroe, Wisconsin, while Bonnell Industries in Dixon, Illinois outfitted three of the last four trucks purchased as the lower cost proposal. Staff requested proposals from both companies.
- Selecting the Freightliner truck over the International truck results in a lower cost. Monroe Truck also provided the lower cost for outfitting compared to Bonnell. The Freightliner truck with upfitting completed by Monroe results in the lowest cost.
- In addition, the advantage Freightliner has is their repair shop is in Palatine versus International whose nearest repair shop is in Huntley. This can save many man-hours over the course of a year in transportation when a repair needs to be performed at a dealer. Also, the Freightliner can supply a 70 gallon fuel tank without truck modifications. The International would need to add 12” in overall

frame length to accommodate the tank, which increases the already challenged turning radius. The majority of the fleet has the 70 gallon fuel tank, which decreases the need to stop and refuel as often when performing tasks such as snowplowing. Finally, the Freightliner has an aluminum cab versus a steel cab on the International. This will help reduce corrosion on components such as the floor boards and doors.

ALTERNATIVES:

1. Waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis five-ton dump truck from Northwest Trucks and upfitting from Monroe Truck.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends waiving formal bid procedures and authorizing the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis five-ton dump truck from Northwest Trucks in the amount of $81,180 and upfitting from Monroe Truck in the amount of $107,351, for a total cost not to exceed $188,531.

BUDGET IMPACT:
Funds were to be requested for appropriation in the 2023 Capital Equipment Replacement Budget for this purchase. Funds in the amount of $188,531 are needed in 2022 to pre-purchase this truck and to offset any future supply chain issues.

ACTION REQUIRED:
Motion to waive formal bid procedures and authorize the Village Manager to approve the purchase of one Freightliner 108SD single-axle chassis five-ton dump truck from Northwest Trucks, Incorporated in the amount of $81,180 and upfitting from Monroe Truck Equipment in the amount of $107,351, for a total cost not to exceed $188,531.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider a Motion to Award a Contract for the 2022 Parking Lot Resurfacing Project

BACKGROUND:
As part of the 2022 Capital Improvement Program, three parking lots were identified for pavement maintenance. The lots include Lot B between the train station and Emmett's, Lot C at 50 West Wood Street, and Lot F on Railroad Avenue between Brockway to Bothwell Streets. The proposed project includes pavement resurfacing, patching, and curb and gutter removal and replacement.

KEY ISSUES:

- The Village recently accepted very favorable bids for the annual street resurfacing program.
- The resurfacing of the parking lots requires tight logistical control so as to not disrupt the operations of adjoining businesses as well as the Farmer's Market transition from their winter to regular schedule in May.
- Staff is concerned over rising prices in resurfacing-related contracts and given the favorable prices received for our Village-wide program, contractor availability in March and April, and the ability to expedite, we reached out to see if Arrow Road Construction would honor the pricing from their street resurfacing contract and expand their spring work with the Village.
- The work is proposed to begin in late March to early April and be expedited by the contractor to complete Lot B prior to the first summer Farmers' Market on May 7.

ALTERNATIVES:

1. Approve the waiver of the bidding requirements and authorize the Village Manager to negotiate and award the contract for the 2022 Parking Lot Resurfacing to Arrow Road Construction.
2. Refer back to Staff with comments.

RECOMMENDATION:
It is recommended that the formal bid process be waived and the Village Manager be authorized to execute the contract for the 2022 Parking Lot Resurfacing with Arrow Road Construction.

BUDGET IMPACT:
Funds for this project in the amount of $329,450 were suspended during COVID-19 and are to be coupled with 2022 funds of $100,000 that have been appropriated in the 2022 Capital Improvement Program budget from the Downtown TIF to accommodate this work. Savings of approximately $125,430.

ACTION REQUIRED:
Motion to waive the formal bidding requirements and authorize the Village Manager to negotiate and award the contract for the 2022 Parking Lot Resurfacing to Arrow Road Construction Company of Elk Grove Village, Illinois in the amount of $304,010.45.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Motion Authorizing the Village Manager to Enter into an Agreement with Simple Recycling for a Community Textile Recycling Program

BACKGROUND:
In March 2021, a group of residents requested Staff explore the textile recycling program in place in other surrounding communities. This was already part of the work program for 2021 but was expedited based upon the resident requests. Staff researched the program, but due to delays caused by the pandemic, Simple Recycling was not taking on new communities. Recently, Simple Recycling has redesigned their municipal textile recycling program and is accepting new communities. This free and voluntary program allows residents to recycle textiles and small household electronics, diverting them from landfills.

KEY ISSUES:

- On March 1, 2021, residents requested staff to explore the Textile Recycling program at a Village Council Meeting.
- Simple Recycling currently services 14 municipalities in the Chicago area.
- The program is free and voluntary to residents.
- Residents must call or use the website to request a pickup. Items are left in a bag or box at the front door before the reserved collection time.
- This program accepts materials that are worn, soiled or in disrepair, which normal donation centers would not accept.
- The proposed agreement (see attached) includes conditions for monthly collection reports, vehicle requirements, and 30-day termination notice.
- The Village will receive $0.05 per pickup of Soft Recyclables in Palatine. This is expected to slightly reduce the landfill tonnage volume charged by SWANCC. The annual diverted tonnage expected is approximately 20lbs per household.

ALTERNATIVES:

1. Authorize the Village Manager to execute the agreement.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends action at the Village Council's discretion.

ACTION REQUIRED:
A motion Authorizing the Village Manager to Enter into an Agreement with Simple Recycling for Community Textile Recycling Program.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider a Motion Authorizing the Village Manager to Approve Reimbursements to the Palatine Park District for Contractual Grass Mowing Services

BACKGROUND:
Over the years, the Village has identified 61 locations (approximately 52 acres) where regular grass mowing is required. Many of these locations are within residential neighborhoods or along major thoroughfares serving Palatine. The Village worked with the Palatine Park District to coordinate a joint-bid for contractual mowing services.

KEY ISSUES:

- On Tuesday, February 15, 2022, four bids were received and opened by the Palatine Park District.
- The low responsible and responsive bid is from Gilio Landscape Contractors of Arlington Heights, Illinois.
- In past years, Gilio Landscape Contractors completed this same work by contract with the Park District and the Village.
- The weekly cost for the Village's portion of the work has increased by 9.5% compared to last year. The estimated cost for this contract is $63,946 (30 weeks at $2,130 per week).

ALTERNATIVES:

1. Authorize the Village Manager to approve reimbursements to the Palatine Park District for Contractual Grass Mowing Services.
2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends authorizing the Village Manager to approve reimbursements to the Palatine Park District for Contractual Grass Mowing Services for the 2022 mowing season.

BUDGET IMPACT:
Funds in the amount of $65,500 have been appropriated in the Public Works Operating Budget to accommodate these services.

ACTION REQUIRED:
Motion to authorize the Village Manager to approve reimbursements to the Palatine Park District for Contractual Grass Mowing Services for the 2022 mowing season.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider an Ordinance Reserving Volume Cap in Connection with Private Activity Bond Issues and Related Matters

BACKGROUND:

The Village receives an annual allocation (volume cap) through the State to be allocated to tax exempt private activity bonds. Generally, these bonds are used for financially-assisted housing programs or industrial type projects. The bonds are privately placed, but allow the business to receive the equivalent of tax exempt rates.

The volume cap is $110 per capita based upon a population (66,830) determined by the State, thus Palatine's CY 2022 allocation is $7,351,30. Reservation ordinances must be adopted and filed with the State by the first week of May each year.

KEY ISSUES:

- If the Village does not reserve its volume cap, the funds revert to the State and we lose any ability to benefit from the funds. To date there have been no requests for the volume cap for industrial projects.
- As happened last year, the Village has received a request to transfer its volume cap allocation to the Town of Normal, McLean County, Illinois in connection with a Mortgage Credit Certificate program for first-time home buyers. The Village previously entered into an Intergovernmental Agreement with Normal regarding the program. This Agreement is still active, thus no additional actions/approvals will be required.
- To date, 46 first-time homebuyers have utilized the program to buy a home in Palatine.

ALTERNATIVES:

1. Approve the ordinance.
2. Do not approve the ordinance.

RECOMMENDATION:

Staff recommends approval of the ordinance reserving the Village's volume cap.

ACTION REQUIRED:

Motion to approve an ordinance reserving volume cap in connection with private activity bond issues and related matters.

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

Consider an Ordinance Amending Chapter 18 Traffic of the Village of Palatine Code of Ordinances

BACKGROUND:
Staff is proposing a text amendment to Chapter 18 - Traffic, Article IV Parking, Sec 18-81 Prohibited Places, of the Village's Code of Ordinances. Now that we have license plate readers in place, this amendment recognizes that not every vehicle will have a physical tag or permit. This change in ordinance will streamline enforcement.

KEY ISSUES:
- The proposed Chapter 18 amendments relate to more efficient enforcement of permitted parking zones in the Village.

ALTERNATIVES:

1. Approve the ordinance.

2. Refer back to Staff with comments.

RECOMMENDATION:
Staff recommends approval of the ordinance amending Chapter 18 of the Village code.

ACTION REQUIRED:
A motion to approve the ordinance amending Chapter 18 Village code.

ATTACHMENTS:

- ORD. Ch. 18 Code Amendment
- Exhibit A-Ch. 18 Sec. 18-81 Prohibited Parking

RESULT:	**APPROVED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Scott Lamerand, District 2 Councilman
SECONDER:	Doug Myslinski, District 3 Councilman
AYES:	Schwantz, Millar, Lamerand, Myslinski, Solberg, Kozlowski
ABSENT:	Brad Helms

ORDINANCE NO. _____

AN ORDINANCE AMENDING CHAPTER 18 TRAFFIC OF THE CODE OF ORDINANCES OF THE VILLAGE OF PALATINE

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, that:

SECTION 1: That the Code of Ordinances, of the Village of Palatine, Illinois, as amended, be and the same is hereby further amended by amending Chapter 18 – Traffic, Article IV Parking, Section 18-81 Prohibited Places, which shall be read as indicated on Exhibit "A".

SECTION 2: That the Village Clerk is directed to maintain a record of the modifications to the existing ordinance, all of which are indicated on Exhibit "A" (a redlined version of the modifications approved pursuant to this Ordinance).

SECTION 3: That this ordinance shall be in full force and effect from and after its passage and approval as provided by law.

PASSED: This _____ of _____, 2022

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

APPROVED by me this _____ of _____, 2022

_____

Mayor of the Village of Palatine

ATTESTED and FILED in the office of the Village Clerk

this _____ of _____, 2022

_____

Village Clerk

Attachment: ORD. Ch. 18 Code Amendment (Text Amendment - Chapter 18 (CA))

EXHIBIT A

Chapter 18 - Traffic
ARTICLE IV. PARKING

DIVISION 1. GENERALLY

Sec. 18-81. Prohibited places.

At any time it shall be unlawful to permit any vehicle to stand in any of the following places, except when necessary to avoid conflict with other traffic or in compliance with the direction of a policeman or traffic signal:

(1) In any intersection;

(2) In any crosswalk;

(3) Upon any bridge or viaduct, or any approach thereto; (Ord. No. 0-56-10, §2, 5/17/10)

(4) Between a safety zone and the adjacent curb or within thirty (30) feet of a point on the curb immediately opposite the end of a safety zone;

(5) Within thirty (30) feet of a traffic signal or a through street sign on the approaching side;

(6) Within twenty (20) feet of any intersection;

(7) At any place where the standing of a vehicle will reduce the usable width of the roadway for moving traffic to less than eighteen (18) feet;

(8) At any curb within fifteen (15) feet of a fire hydrant;

(9) Within five (5) feet of the sideline of a driveway or at any place where the vehicle would block the use of a driveway;

(10) Within fifty (50) feet of the nearest rail of a railroad crossing;

(11) Within twenty (20) feet of the driveway entrance to any fire department station and on the side of the street opposite the entrance to any such station within seventy-five (75) feet of such entrance, when properly sign posted;

(12) On any sidewalk, except that vehicles parked on private driveways will be permitted to overhang a sidewalk between the hours of 10:00 p.m. and 7:00 a.m. and on those days when the snow removal ordinance is in effect, provided both axles of any such vehicle are located on private property;

(13) On any parkway;

(14) At any place where official signs prohibit parking;

(15) In addition, it shall be unlawful to permit any vehicle to stand in any place designated from time to time as a no parking place or zone by village ordinance, a complete listing of which

Attachment: Exhibit A-Ch. 18 Sec. 18-81 Prohibited Parking (Text Amendment - Chapter 18 (CA))

shall be maintained at all times by the police department and at the Village Hall in the custody of the village clerk. Nothing in this Code or the ordinance adopting this Code shall affect any such ordinance and all such ordinances are hereby recognized as continuing in full force and effect to the same extent as if set out at length in this Code.

(16) It shall be unlawful for any person, excepting a handicapped person or a person transporting a handicapped person with limited mobility, to park a motor vehicle in any public parking lot where there is posted a sign reading "Handicapped Parking Only," or "No Parking Except Handicapped Persons," or bearing the international symbol indicating a handicapped parking restriction. Any vehicle used by a handicapped person shall, when parked in a handicapped parking zone, at all times display a handicapped parking identification card, which shall be available upon request from the township clerk, or state registration plates issued to the physically handicapped.

(17) It shall be unlawful to park any vehicle other than a compact car in places designated as parking for compact cars only.

(18) At any place where ~~official~~ signs or other official notices provided or confirmed by the Village, limit parking to vehicles displaying a parking permit issued by the Village or other unit of government, unless such vehicle displays the required permit or otherwise demonstrates said permit. Permit parking areas may be designated from time to time by Village ordinance, ~~a complete listing of which shall be maintained at all times by the police department and at the Village Hall in the custody of the village clerk.~~ or by the direction of the Village Manager and/or Police Chief.