# CITY OF CRYSTAL LAKE
## AGENDA
## CITY COUNCIL
## REGULAR MEETING

**City of Crystal Lake**
**100 West Woodstock Street, Crystal Lake, IL**
**City Council Chambers**
**November 21, 2023**
**7:00 p.m.**

1. **Call to Order**
2. **Roll Call**
3. **Pledge of Allegiance**
4. **Life Saving Award Presentation**
5. **Approval of Minutes – November 7, 2023 Regular City Council Meeting**
6. **Accounts Payable**
7. **Public Presentation**
   *The public is invited to make an issue oriented comment on any matter of public concern not otherwise on the agenda. The public comment may be no longer than 5 minutes in duration. Interrogation of the City staff, Mayor or City Council will not be allowed at this time, nor will any comment from the Council. Personal invectives against City staff or elected officials are not permitted.*
8. **Mayor's Report**
9. **City Council Reports**
10. **Consent Agenda**
    a. **Truth in Taxation Compliance Procedural Requirement**
11. **Downtown Crystal Lake/Luminary Nights Special Event – Thursday Evenings, December 7, December 14, and December 21, 2023**
12. **Historic Landmark Designation for McCormick Memorial Park**
13. **1201 Bard Road, Derbyshire Townhomes - Preliminary Planned Unit Development and Preliminary Plat of Subdivision for a 48-unit townhome development**
14. **Greenbrier Park Subdivision Conversion of Yield Signs to Stops Signs**
15. **Resolution Supporting the Application for the Surface Transportation Program (STP) grant funding for the Main Street at Liberty Road Improvement Project**
16. **Purchasing Cooperative – HD Dump Truck Purchase**
17. **Vehicle Purchase – Suburban Purchasing Cooperative Contract #221, for two (2) 2024 Ford Super Duty Pickups and Contract #227 for four (4) 2024 Ford F550 Cab & Chassis trucks at a total cost of $322,425**
18. **Bid Award – Three Oaks Recreation Area Storage Building Electric Installation**
19. **Bid Award - Snow Removal for Sidewalks**
20. **Bid Award – Water Treatment Chemicals**
21. **Bid Award – Broadway Conflict Manhole Replacement Project**

**22. Bid Award – Pumps, Pump Repair Parts and Pump Repair Services**

**23. Resolution Amendment – Public Works Electrical Services**

**24. Amendment to Chapter 115 of the City Code**

**25. Council Inquiries and Requests**

**26. Adjourn to Executive Session for the purpose of discussing matters of pending and probable litigation, the sale, purchase or lease of real property, collective bargaining and personnel**

**27. Reconvene to Regular Session**

**28. Adjourn**

*If special assistance is needed in order to participate in a City of Crystal Lake public meeting, please contact Melanie Nebel, Executive Assistant, at 815-459-2020, at least 24 hours prior to the meeting, if possible, to make arrangements.*

**Agenda Item No: 10a**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Truth in Taxation Compliance Procedural Requirement

**Staff Recommendation:** Motion to adopt a resolution determining the 2023 tax levy in compliance with the Truth in Taxation Law

**Staff Contact:** Eric Helm, City Manager
Jodie Hartman, Director of Finance

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## Background:

Adoption of this resolution is procedural requirement as the actual levy ordinance will be considered after the public hearing at the December 5, 2023 City Council meeting. The process in determining the actual tax levy is challenging because the actual dollars collected from the 2023 tax levy are not received until fiscal year 2024B, for which the City has not yet considered an annual budget. The amounts for line items included in the levy, such as public safety pensions, a portion of Fire Rescue operations have already been calculated and determined necessary. The proposed levy includes an overall increase of 3% to the total dollars levied, inclusive of the Crystal Lake Public Library. The actual tax levy ordinance will be placed on the December 5, 2023 City Council agenda for consideration.

The proposed levy would:

- Maintain a ZERO levy for general operations, which include City Administration, Police, Community Development and Public Works activities.
- Provide necessary funding for Police and Firefighters' Pension Funds, Fire Rescue operations, crossing guards, IMRF and Social Security funding, and support of the Crystal Lake Public Library.
- DECREASE the City's property tax rate by an estimated 3.5%.
- Be spread over a wider tax base than the previous year, as the City's Equalized Assessed Valuation (EAV) is expected to grow by over 7%.
- Minimize the impact to property holders, due to the rate decrease. Property owners with a change in their property's EAV of less than 3.4% would not see an increase to the City's portion of the property tax bill. Property tax owners with an increase of 6% on a property formerly valued at $300,000 would pay an additional $25.85 to the City for the year.

- Include an overall increase of 3% to the total dollar amount levied, inclusive of the Crystal Lake Public Library.

The proposed tax levy is not more than 5% than the taxes extended for the prior tax levy therefore, a "Black Box" publication is not required but will be voluntarily printed in the local newspaper as an act of transparency. Similarly, a voluntary public hearing has been scheduled for December 5, 2023, prior to the adoption of the tax levy ordinance.

## Recommendation:

It is staff's recommendation to approve a resolution determining the maximum 2023 tax levy.

## Votes Required to Pass:

Simple majority

Res. 23R-

**RESOLUTION**

WHEREAS, the City Council of the City of Crystal Lake, McHenry County, Illinois, a home rule corporation, herein referred to as the "City", wishes to comply with the Truth in Taxation Act, ILCS Chapter 35:200/18-et seq.; and

WHEREAS, this determination is in compliance with the Truth in Taxation Act; and

WHEREAS, in compliance with the Truth in Taxation Act, since the proposed tax levy is not more than 5% than the taxes extended for the prior tax levy, a notice is not required to be published in a general circulation newspaper published in the taxing district and therefore may not be published; and

WHEREAS, a public hearing will be held prior to the adoption of the tax levy ordinance.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE as follows:

The Corporate Authorities determine the amount of money estimated to be necessary to be raised by taxation for the 2023 tax levy is approximately $19,986,700 which is no more than 105% of the aggregate extensions for the 2022 tax levy, which was $19,404,095.

DATED at Crystal Lake, Illinois this 21st day of November, 2023.

CITY OF CRYSTAL LAKE,
an Illinois municipal corporation,

By:_____
Haig Haleblian, Mayor

SEAL

ATTEST

_____
Nick Kachiroubas, City Clerk

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

**Agenda Item No: 11**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Downtown Crystal Lake/Luminary Nights Special Event – Thursday Evenings, December 7, December 14, and December 21, 2023

**City Council Discretion:** Motion to approve the Special Event for Downtown Crystal Lake Luminary Nights, pursuant to the recommended staff conditions listed in the agenda supplement

**Staff Contact:** Kathryn Cowlin, Director of Community Development
Laurrie Fitzgerald, Support Services Coordinator

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## Background:

The applicant has applied for a Special Event to allow for a new tradition, Luminary Nights, to be held in Downtown Crystal Lake. The event would be held on Thursday, December 7th, Thursday, December 14th, and Thursday, December 21st, from 5:00 p.m. to 8:00 p.m., in Downtown Crystal Lake.

This is a new event for Downtown Crystal Lake. Luminary lights will be placed along Williams Street, to encourage nighttime shopping, eating and gathering. Music and a hot chocolate station will be placed at the Brink Street Market near the Santa House, utilizing City property. The event aims to promote the holiday spirit and to celebrate holiday traditions new and old.

Due to the event utilizing City property in the Brink Street Market and the area by the clock tower, City Council approval is required.

If the request is approved, the following conditions are recommended:

1. The approval is valid on Thursday December 7, Thursday December 14, and Thursday December 21, 2023.
2. The site must be maintained and free of garbage.
3. Signs must not obstruct the view of traffic or be attached to utility poles.
4. Pedestrian ways or fire lanes cannot be obstructed.
5. Temporary promotional signage for this event is approved. Locations and details of the signage must be submitted to the City.
6. If power is run, all electrical cords must be properly sized and protected. All connections

must meet the requirements of the 2017 National Electrical Code. Please contact the Building Division at 815-356-3605 if you have any questions regarding these requirements.

7. The applicant is responsible for obtaining all necessary McHenry County Health Department permits.
8. No liquor service is allowed at the event.

The applicant has been made aware of these recommended conditions and advised to attend the November 21, 2023 City Council meeting to answer any questions.

## Votes Required to Pass:

A simple majority vote.

CITY OF
Crystal Lake
ILLINOIS

RECEIVED
NOV 07 2023
By: KZC

# SPECIAL EVENTS APPLICATION

Please PRINT or TYPE

**EVENT NAME** luminary nights

**EVENT LOCATION** Downtown Crystal Lake

This application should be completed by the "Event Manager", who will be the main coordinator and contact person for the event. Completing the application form will give you a good idea of the types of arrangements, approvals and documents that will be necessary for your special event. Please complete as much of the following information as possible before turning in the application. Once the application is turned in, a staff liaison will be in contact with you who will guide you in completing the remainder of the application and fulfilling City requirements for the event.

***Please note that City Council approval may be required for certain special events/requests***

## GENERAL EVENT INFORMATION

1. TYPE OF EVENT (Check all that apply)

| | |
|---|---|
| ☐ Carnival | ☑ General use of City-owned property |
| ☐ Circus | ☐ Parade |
| ☐ Festival | ☐ Outdoor Sales |
| ☐ Filming | ☐ Run/Walk Event |
| ☐ Other _____ | |

2. General Description/Purpose of the event:
Create a thoughtful mood in the evening that reflects the holiday spirit.
From 5-8PM light the streets with luminary lights and have a special draw
Include live music, and food sales . Music to be at Brink Street Market.

3. Will the event require the use of City-owned property? ☑ Yes ☐ No

4. Is a Site Map/Route Map attached? ☐ Yes ☐ No

5. Is the event an annual/recurring event? ☑ Yes ☐ No

6. Will the event require a public street/sidewalk to be blocked or closed? ☐ Yes ☑ No

7. Will the event require use of a public parking lot? ☐ Yes ☑ No

8. Number of persons scheduled to monitor and work the event: 4

9. Estimated attendance: 500 Weekly

If yes, what type of alcoholic beverages will be served?
NA

**Please complete the attached Temporary Liquor License Application*

## COMMUNITY DEVELOPMENT

19. Will the event require tents or temporary structures? ☐ Yes ☑ No

20. What signs or advertising do you anticipate needing for the event?

    Temporary community event signs ☐ Yes ☑ No

    Temporary neighborhood event signs ☐ Yes ☑ No

    Directional signs ☐ Yes ☑ No

    Banner ☐ Yes ☑ No

21. Will food be served or sold at the event? ☑ Yes* ☐ No

    ***If yes, please contact the McHenry County Health Department and please provide the City with a copy of the approval from the McHenry County Health Department.***

22. Will the event include vendors selling products? ☐ Yes ☑ No

    Description of Products_____

23. Will the event require portable sanitation facilities? ☐ Yes ☑ No

    Name of Company_____
    Address_____
    Phone_____

24. Will the use of electricity be required for the event? ☐ Yes ☑ No

    If yes, please specify the power requirements and plan for provision

## PUBLIC SAFETY *Please remember to post the Firearm Concealed Carry Act sign*

25. Does this event require assistance from the Police Department? ☐ Yes ☑ No

26. Does this event require an on-site ambulance? ☐ Yes ☑ No

27. Will the event require sound amplification of any kind? ☐ Yes ☑ No

**Downtown Crystal Lake - 2023 Work Plan** **DECEMBER HOLIDAYS**
**LUMINARY NIGHTS - DECEMBER THURSDAYS**

## OVERVIEW

**Event / Project Information**

Supervising Committee: Promotions
Event Project: Evening for Traditions and Family Gathering
Event Date: 3rd Thursdays of the month in December

**Chair Information:**

Event Co-Chairs: _____

**Primary Purpose:**

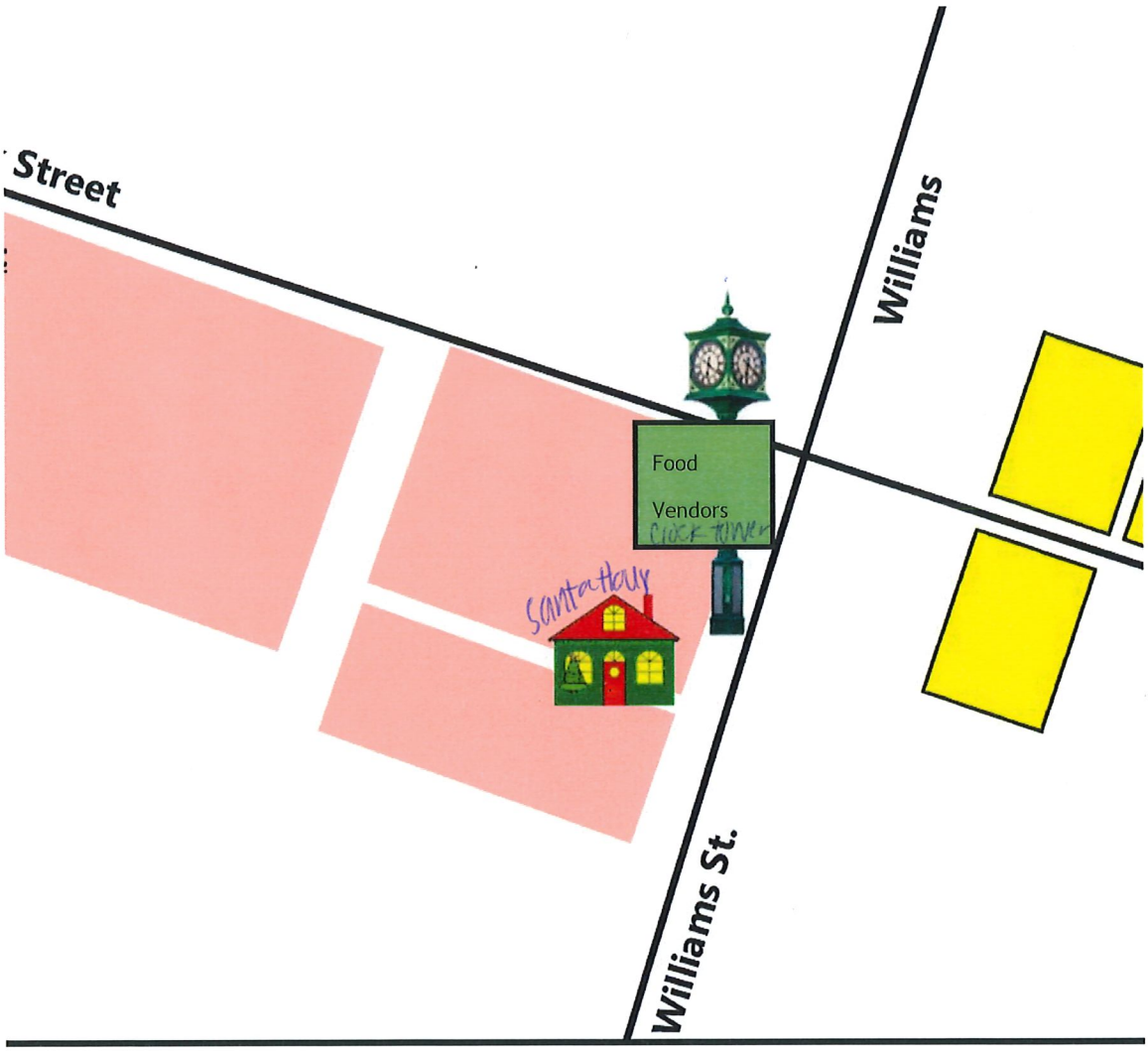
Create a thoughtful mood in the evening that reflects the holiday spirit.
Celebrate holiday traditions new and old.
Encourage nighttime shopping, eating and gathering.

**Brief Description:**

From 5-8PM light the streets with luminary lights and have a special draw for each night that is traditional or themed to bring fun and refelction to the downtown.
No fee for downtown merchjants to participate.

**Goals for 2023:**

Establish Luminary Nights as a regular winter event .
Encourage business to be open and put out the luminaryu lights.
Have Sponsorships for the music and hot chocolate.
Make it a walking night time event for strolling and/or shopping.
Provide some entertainment for those waiting in line for Santa.
Create an expectation to get people to downtown late on Thursdays.
Build a collection of Luminary Lanterns that we can use over and over.




# Luminary Nights

**Agenda Item No: 12**

**City Council**
**Agenda Supplement**

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**Meeting Date:** November 21, 2023

**Item:** REPORT OF THE HISTORIC PRESERVATION COMMISSION

Historic Landmark Designation for McCormick Memorial Park

Robert Wyman and Robert Kosin, petitioners
135 College Street and 856 Bennington Drive

**Recommendation:** Motion to approve the Historic Preservation Commission (HPC) recommendation and adopt an Ordinance reflecting city staff's recommendations authorizing Historic Landmark designation for McCormick Memorial Park at 427 Virginia Street

**Staff Contact:** Kathryn Cowlin, Director of Community Development
Elizabeth Maxwell, City Planner

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## Background:

The first Plat of the Village of Crystal Lake was laid out by Beman Crandall and Christopher Walkup in 1837. This plat established the park as a Public Square. The surveyor was Asa W. Bradley. This Plat was accepted and approved by McHenry County in 1840. Crandall and Walkup were early settlers and influenced the development of the community. In 1955, Pastor Edwin A. McCormick passed away unexpectedly and a petition of 400 signatures was presented to the City to change the name of the park to McCormick Memorial Park.

According to the City Code any individual may petition for any property in the City of Crystal Lake to be landmarked. The approval of the property owner is not required. The petitioners are members of the Historic Preservation Commission, who abstained from the vote.

The petitioner is requesting the property in question be designated an historic landmark. Chapter 293-13 of the City Code (the "Historic Preservation Ordinance) sets forth the criteria for the designation of landmarks within the City. The first two criteria for landmark designation are that the structure, building object site or area is within the corporate boundaries of the City and is at least 50 years old, in whole or in part.

The Historic Preservation Ordinance continues by identifying a host of general considerations and items of architectural and historic significance to be considered for designation. McCormick Memorial Park satisfies the criteria provided in the Historic Preservation Ordinance, as detailed in the historic landmark application and staff report. The application specifically noted that the park meets the criteria as it is closely identified with a person who significantly contributed to the culture or development of the City, involves notable efforts of persons who influenced the development of the City, and is a monument to or a cemetery of an historic person or persons.

Once a property is historically landmarked, any significant changes to the exterior of the structure must be reviewed and approved by the Historic Preservation Commission (HPC) through a Certificate of Appropriateness. The Commission determines if the proposed improvement is historically appropriate. In addition, landmarked buildings are eligible for a $500 grant every other year provided by the HPC that assists the property owner in their exterior upgrades. The HPC generates this grant funding through the proceeds of their Annual Heritage Trolley Tour.

The following list is proposed to be protected under the landmark and what would not be included.

| Items under the Landmark protection and would require a Certificate of Appropriateness: | Items excluded: |
|---|---|
| All memorials and monuments | Regulatory signage |
| Place name and Community Information Signs | Easement/Right-of-way property |
| Chamber building field stone portion of façade | Utility lines, Water Tower, Above ground fixtures |
| Interior Lighting | Antenna on Water Tower |
| Sidewalks Layout | Benches, Planters |
| Landscaping and Trees | Bike stands |
| Existing configuration of the park | |
| | |
| | Underground utilities |

* Staff recommendations are noted in red.



Since the City is the owner of the property, City staff reviewed the proposal and considered how the restriction could affect the City's maintenance of the park. City staff recommends removing interior lighting and landscaping/trees as items under the Landmark. The lighting is not historically significant or meets the age requirement. There is only one freestanding light in the park. The trees and landscaping need to be maintained if they are dead or dying and the City should not be restricted with the maintenance. In addition, staff suggests allowing the sidewalk layout to be protected while allowing the City to perform maintenance and upgrades to the width or material of the sidewalks without the need for a Certificate of Appropriateness.

The existing building on the site is a former well house. The former well house is now the Crystal Lake Chamber of Commerce, who has been notified of the request for Landmark status as well. Finally, a number of water mains run along the perimeter and within the park. As the park also contains numerous water main connections to the existing tower in the park and there is a small building that contains our SCADA communications equipment. Staff recommends that a Certificate of Appropriateness shall not be required to perform maintenance and repairs to the water mains.

McCormick Memorial Park represents a special landmark of Crystal Lake's local history. The park is in a unique location as it was along a major route with many people traveling along this area. It is worthy of recognition and preservation because of its historic significance.

The Historic Preservation Commission recommended **approval (6-0 vote with 2 abstentions)** of the request.

**Votes Required to Pass:** A simple majority vote.

PIQ Map
427 Virginia Street
McCormick Memorial Park



Ord. No.
File No.

**The City of Crystal Lake Illinois**

**AN ORDINANCE GRANTING HISTORIC LANDMARK DESIGNATION TO MCCORMICK MEMORIAL PARK 475 VIRGINIA STREET**

WHEREAS, the Mayor and City Council of the City of Crystal Lake have by ordinance established an Historic Preservation Commission; and

WHEREAS, pursuant to the terms of a Petition (File #PLN-2023-207) before the Crystal Lake Historic Preservation Commission, the Petitioner has requested a Historic Landmark Designation for McCormick Memorial Park at 475 Virginia Street; and

WHEREAS, the Historic Preservation Commission of the City of Crystal Lake held a public hearing at 7:00 p.m., on November 2, 2023 at City Hall at 100 W. Woodstock Street, Crystal Lake, Illinois to consider the proposed Historic Landmark Designation and recommended approval of the request which included the designation of certain items within McCormick Memorial Park which would require a Certificate of Appropriateness pursuant to §295-16, prior to the issuance of building permits; and

WHEREAS, City Staff has recommended certain modifications to the proposed items for which a Certificate of Appropriateness would be required, as set forth in the staff agenda supplement submitted in connection with the approval of this ordinance; and

WHEREAS, it is in the best interests of the CITY OF CRYSTAL LAKE that the Historic Landmark Designation be issued as requested in said Petition.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE, McHENRY COUNTY, ILLINOIS, as follows:

Section I: That the Mayor and City Council of the City of Crystal Lake approve the Historic Landmark Designation of McCormick Memorial Park at 475 Virginia Street, Crystal Lake, Illinois.

Section II: That Certificates of Appropriateness would be required with respect to the following items:

1) All memorials and monuments
2) Place name and community information signs
3) Chamber of Commerce building field stone portion of façade
4) Layout of sidewalks

Draft

5) Existing configuration of park

Section III: That no Certificate of Appropriateness would be required with respect to the following items:

1) Regulatory signage
2) Easement/Right-of-way property
3) Landscaping and Trees
4) Utility lines, water tower, antennas and above ground fixtures, including but not limited to water mains located within McCormick Memorial Park
5) Underground utilities
6) Exterior freestanding lighting standards/fixtures located within McCormick Memorial Park.
7) Benches and planters
8) Bike stands
9) Modifications to the width of sidewalks or the materials of sidewalks within McCormick Memorial Park.

Section IV: That the Historic Preservation Commission take all steps necessary to recognize the Historic Landmark Designation of McCormick Memorial Park at 475 Virginia Street.

Section V: That the City Clerk be and is hereby directed to amend all pertinent records of the City of Crystal Lake to show the issuance of a Historic Landmark Designation in accordance with the provisions of this Ordinance, as provided by law.

Section VI: That this Ordinance shall be in full force and effect from and after its passage, approval and publication as provide by law.

DATED at Crystal Lake, Illinois, this 21st day of November, 2023.

Draft

Ord. No.
File No.

City of Crystal Lake, an
Illinois municipal corporation

_____

Haig Haleblian, MAYOR

SEAL

ATTEST:

_____

Nick Kachiroubas, CITY CLERK

Passed: November 21, 2023
Approved: November 21, 2023

Draft

**Agenda Item No: 5**

# Historic Preservation Commission
# Agenda Supplement

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**Meeting Date:** November 2, 2023

**Request:** **PUBLIC HEARING**
**Historic Landmark Designation**

**Location:** 427 Virginia Street

**Petitioner:** Robert Wyman and Robert Kosin

**Action:** 1. Vote to recommend the landmark designation
2. Continue the item
3. Vote to not recommend the landmark designation

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## Background:

- McCormick Memorial Park was established as a Public Square in 1836.
- There are several monuments in the park, including one dedicated to the settlers who traveled through this area, one commemorating the Bicentennial, which includes one of the time capsules, and one to Father McCormick.
- The park is in a unique location as it was along a major route with many people traveling along this area.
- The following list is what would be protected under the landmark and what would not.

| Items under the Landmark protection and would require a Certificate of Appropriateness | Items excluded |
|---|---|
| All memorials and monuments | Regulatory signage |
| Place name and Community Information Signs | Easement/Right-of-way property |
| Chamber building field stone portion of façade | Utility lines, Water Tower, Above ground fixtures |
| Interior Lighting | Antenna on Water Tower |
| Sidewalks | Benches, Planters |
| Landscaping and Trees | Bike stands |
| Existing configuration of the park | |

- The Commission needs to evaluate the application based on the following landmark criteria

## Landmark Criteria:

1. It is located within the corporate boundaries of the City of Crystal Lake; and
   ☒ *Meets* ☐ *Does not meet*

2. It is over 50 years old, in whole or in part; and
   ☒ *Meets* ☐ *Does not meet*

3. **One** or more of the following conditions exist:

   A. General consideration.
      1. It has significant character, interest, or value as part of the historic, cultural, aesthetic, or architectural characteristics of the City, the State of Illinois, or the United States;
         ☒ *Meets* ☐ *Does not meet* ☐ *N/A*

      2. It is closely identified with a person or persons who significantly contributed to the culture or development of the City, the State of Illinois, or the United States;
         ☒ *Meets* ☐ *Does not meet* ☐ *N/A*

         *Father McCormick*

      3. It involves the notable efforts of or is the only example of work by a master builder, designer, architect, architectural firm, or artist whose individual accomplishment has influenced the development of the City, the State of Illinois, or the United States;
         ☒ *Meets* ☐ *Does not meet* ☐ *N/A*

         *King, Crandall, Beardsley, and Walkup in 1836*

      4. It has a unique location or single physical characteristic(s) that make it an established or familiar visual feature;
         ☒ *Meets* ☐ *Does not meet* ☐ *N/A*

      5. Activities associated with it make it a current or former focal point of reference in the City;
         ☒ *Meets* ☐ *Does not meet* ☐ *N/A*

      6. It is of a type associated with a use once common but now rare, or is a particularly fine or unique example of a utilitarian structure and possesses a high level of integrity or architectural significance;
         ☐ *Meets* ☐ *Does not meet* ☒ *N/A*

      7. It is an area that has yielded or is likely to yield historically significant information or even prehistoric data;
         ☒ *Meets* ☐ *Does not meet* ☐ *N/A*

   B. Architectural Significance.
      1. It represents certain distinguishing characteristics of architecture inherently valuable for the study of a time period, type of property, method of construction, or use of indigenous materials;
         ☐ *Meets* ☐ *Does not meet* ☒ *N/A*

2. It embodies elements of design, detail, material, or craftsmanship of exceptional quality;
☐ *Meets* ☐ *Does not meet* ☒ *N/A*

3. It exemplifies a particular architectural style in terms of detail, material, and workmanship, and has undergone little or no alteration since its original construction or has been properly restored;
☐ *Meets* ☐ *Does not meet* ☒ *N/A*

4. It is one of the few remaining examples of a particular architectural style and has undergone little or no alterations since its original construction or has been properly restored;
☐ *Meets* ☐ *Does not meet* ☒ *N/A*

5. It is or is part of a contiguous grouping that has a sense of cohesiveness expressed through a similarity of style, characteristics, time period, type of property, method of construction or use of indigenous materials and accents the architectural significance of an area;
☐ *Meets* ☐ *Does not meet* ☒ *N/A*

6. The detail, material and workmanship of the structure, building, object, or site can be valued in and of themselves as reflective of or similar to those of the majority of the visual elements in the area;
☐ *Meets* ☐ *Does not meet* ☒ *N/A*

C. Historical Significance.

1. It is an exceptional example of an historic or vernacular style or is one of the few such remaining properties of its kind in the City;
☒ *Meets* ☐ *Does not meet* ☐ *N/A*

2. It is associated with an organization or group, whether formal or informal, from which persons have significantly contributed to or participated in the historic or cultural events of the City of Crystal Lake, State of Illinois, or the United States;
☒ *Meets* ☐ *Does not meet* ☐ *N/A*

3. It is associated with a notable historic event;
☒ *Meets* ☐ *Does not meet* ☐ *N/A*

4. It is associated with an antiquated use due to technological or social advances;
☐ *Meets* ☐ *Does not meet* ☒ *N/A*

5. It is a monument to or a cemetery of an historic person or persons.
☒ *Meets* ☐ *Does not meet* ☐ *N/A*

- Should the Historic Preservation Commission find that the structure meets the criteria for landmark designation, they shall make a motion stating such recommendation to the City Council.

**PROJECT NUMBER: 23TMP-003576**

CITY OF CRYSTAL LAKE
LANDMARK DESIGNAION APPLICATION

PROJECT TITLE: **McCormick Memorial Park Historic Site**

PERSON(S) PROPOSING DESIGNATION:

**Robert Kosin, 856 Bennington Drive, Crystal Lake, IL 815.459.5806**
**Robert Wyman, 135 College Street, Crystal Lake, IL 815.529.1832**

OWNER OF PROPERTY PROPOSED FOR DESIGNATIOON:

**City of Crystal Lake, 100 W. Woodstock Street, Crystal Lake, IL**

INDICATE OWNER'S CONSENT TO PROPOSED DESIGNATION: **No**

ADDRESS & PROPERTY INDEX NUMBER (Legal Description attached):

**231 Florence, Crystal Lake, IL 60014**
**427 Virginia, Crystal Lake, IL 60014**
**ID# 19-06-282-001**

LEGAL DESCRIPTION of McCormick Memorial Park

Recorded on Doc 1840DR00B128 being and known and designated as "PUBLIC SQUARE" according to the plat thereof recorded April 21, 1840, in Plat Book 5, Page 56 "ORIGINAL TOWN OF CRYSTAL LAKE", McHenry County, Illinois further described as a lot 330' (east to west) by 264' (north to south) of 2.04 aces located in the SE ¼ of the SE ¼ of the NE ¼ of Section 6 in Township 42 North of range 8 East of the Third Principal Meridian.

Common Address: 231 Florence, Crystal Lake, IL 60014
427 Virginia, Crystal Lake, IL 60014

ALL THAT PARCEL OF LAND within the city limits of Crystal Lake, in McHenry County, state of Illinois.

MAP ATTACHED DELINEATING THE BOUNDARIES AND LOCATION OF THE PROPERTY PROPOSED FOR DESIGNATION AND PHOTOGRAPHS OF THE SITE, STRUCTURE(S) AND AREA

STATEMENT ATTACHED DESCRIBING THE (A) AREA AND (B) PROPERTY(S) AND (C) REASONS IN SUPPORT OF THE PROPOSED DESIGNATION AS STATED IN THE CRITERIA FOR DESIGNAION FOR HISTORIC LANDMARK

LIST ATTACHED OF SIGNIFICANT EXTERIOR ARCHTECTURAL FEATURES AND OBJECTS THAT SHOULD BE PROTECTED

**BEFORE THE HISTORIC PRESERVATION COMMISSION**
**OF THE CITY OF CRYSTAL LAKE, MCHENRY COUNTY, ILLINOIS**

IN THE MATTER OF THE APPLICATION OF )
Robert Kosin and Robert Wyman )

## LEGAL NOTICE

Notice is hereby given in compliance with the Historic Preservation Ordinance of the City of Crystal Lake, Illinois, that a public hearing will be held before the Historic Preservation Commission upon the application by Robert Kosin and Robert Wyman for approval of landmark status of McCormick Memorial Park at 427 Virginia Road/231 Florence Street, Crystal Lake, Illinois 60014, **PIN:** 19-06-282-001.

Legal Description
Recorded on Doc 1840DR00B128 being and known and designated as "PUBLIC SQUARE" according to the plat thereof recorded April 21, 1840, in Plat Book 5, Page 56 "ORIGINAL TOWN OF CRYSTAL LAKE", McHenry County, Illinois further described as a lot 330' (east to west) by 264' (north to south) of 2.04 aces located in the SE ¼ of the SE ¼ of the NE ¼ of Section 6 in Range 42 East of the 8th Principal Meridian.

This application is filed for the purpose of seeking landmark designation as a historic site pursuant to Chapter 295 of the City Code. Plans for this project can be viewed at the City of Crystal Lake Planning and Economic Development Department at City Hall.

A public hearing before the Historic Preservation Commission on the request will be held at 7:00 p.m. on Thursday, November 2, 2023, at the Crystal Lake City Hall, 100 West Woodstock Street, at which time and place any person determining to be heard may be present.

Lisa Solak, Chairperson
Historic Preservation Commission
City of Crystal Lake

(TO BE PUBLISHED IN THE NORTHWEST HERALD ON OR BEFORE OCTOBER 18, 2023)

STATEMENT ATTACHED OF EVIDENCE PROVIDED FOR CRITERIA THAT SITE MEETS DESIGNATION AS HISTORIC LANDMARK BEGINING WITH

**McCormick Memorial Park is within the corporate boundaries of the City of Crystal Lake.**

**McCormick Memorial Park was created in whole over 50 years ago, 1836 and recorded 1840.**

STATEMENT ATTACHED DESCRIBING THE (A) AREA AND (B) PROPERTY(S) AND (C) REASONS IN SUPPORT OF THE PROPOSED DESIGNATION AS STATED IN THE CRITERIA FOR DESIGNAION FOR HISTORIC LANDMARK § 295-13

(A) AREA

The McCormick Memorial Park is 2.02 acres bounded on four sides by Florence Avenue to the west, Pierson Street to the South, King Street to the East and Virginia Avenue to the North. King and Florence terminate at their intersection with Pierson. Perpendicular parking adjoins McCormick Memorial Park on three sides and there is no parking along Virginia Avenue. Between the parking and the traveled way there is a sidewalk which intersects the sidewalks into Memorial Park. The land use to the south of Pierson would be institutional as described being to the southeast, associated with St. Thomas the Apostle Catholic Church and to the southwest, First Congregational Church. The buildings along the northside of Virginia are commercial in use occupying residential buildings as storefront or franchise formats, all at a pedestrian scale and no building is taller than two stories. At the northwest corner of Florence and Virginia is a gas station with an on-site car wash. To the south there are two detached residential buildings. At the southeast corner of King and Virginia there is a gas station and adjoining to the south is a commercial style building and adjoining it is a residential type building occupying the corner of King and Pierson.

(B) PROPERTY

McCormick Memorial Park is 330 feet (east to west) by 264 feet (north to south) encompassing approximately 2.02 acres. There are three internal sidewalks, that intersect in the center of Memorial Park as congruent triangles. A sidewalk originates at each corner and intersects in the middle, the third sidewalk, east to west, originates at a center point from Virginia Street to Pierson and intersects in the middle of Memorial Park with the other sidewalks. At the intersection of the sidewalks is one of nine monuments and memorials located in Memorial Park, being a two-ton granite boulder with a plaque for the commemoration of the United States Bicentennial 1976, a flagpole and stone bench. There is a pin oak of 47 years or older planted at the time of the commemoration. There is a light post for the area and on it is a light for the flag. To the west is a water tower with antennas attached and fencing enclosing ground base equipment. Arborvitae are planted around the fencing. Outside the fencing and further west is a windowless utility shed. To the east of the Bicentennial Commemorative boulder is a stone and wood façade building occupied by the Crystal Lake Chamber of Commerce. A sign

name is affixed to the northern wall of the building. There are sidewalks from King Street and Virginia that lead to the Building. The diagonal sidewalk in the southeast corner is interrupted by a southern addition to the building. Perpendicular to Virginia are two rock based informational signs, one has an electric face and the western most one has the name of McCormick Park. Along Virginia at each sidewalk location is three seating areas with metal slat benches and fixed planters, concrete planters, and meal waste baskets. Faux brick is within the seating areas. A memorial boulder is visible from the center seating area. Maples and a ginkgo tree have been planted in the southwest area adjoining the sidewalk. Grass as lawn is between the sidewalks and along each street are large leaf lindens, fifty feet or higher.

(C) REASONS IN SUPPORT OF THE PROPOSED DESIGNATION AS STATED IN THE CRITERIA FOR DESIGNAION FOR HISTORIC LANDMARK

1. GENERAL CONSIDERATION

(a) McCormick Memorial Park has significant character, interest, or value as part of the historic, cultural, aesthetic, or architectural characteristics of the City, the State of Illinois, or the United States.

**McCormick Memorial Park was established as a Public Square in the plat that recorded and thereby established the City of Crystal Lake by four original landowners in Algonquin Township and remains in the same configuration as established 197 years ago. Virginia Street, its northern border was and remains a through road, a link of the Yellow and Black Transcontinental Highway and along it is Memorial Park wherein is dedicated in 1936 a monument to those settlers who traveled the byway, stayed, or moved on. A monument was instilled in 1976 commemorating the Bicentennial of the United States. The treed landscape of Memorial Park as seen in 2023 is similar but for the hitching post in a photo of 1904 and remains a unique green space along Northwest Highway.**

(b) McCormick Memorial Park is closely identified with a person or persons who significantly contributed to the culture or development of the City, the State of Illinois, or the United States.

**McCormick Memorial Park is the third name given to the property. From its creation in 1836, first labeled as Public Square with the street along its southern border as Park Street. In 1936 it was renamed by the City of Crystal Lake during its Centennial as Pierson Park as well as the street along the southern border. John Terry Pierson arrived in Crystal Lake in the early 1840's and acquired the proprieties around the original town plat, subdivided and recorded as Pierson's Addition to the original town plat. He built a three-story building at the southwest corner of Florence and Virginia where in it**

**was held, public meetings post office and commercial establishments. The building by its size was referred to as the Pierson Block later the Fitch's Block until its demolition where in 2023 is located the Mobile Station and car wash. His residence was at the northwest corner of Dole and Virginia construct with brick like the commercial block and remained his home until he moved to Clinton Iowa where he served as its Mayor in 1876 and treasurer in 1877. His home was occupied by several families thereafter until demolished for the AT&T switching building that occupies the parcel in 2023. He died July 12, 1886, and is buried in Iowa, but his wife, children and grandchildren are buried in Crystal Lake. His grandson was active in the community and was organizing the 140th Anniversary of First Congregational Church when he died of a heart attack. His grandfather was one of the founders of the Church as well as served in the Illinois Legislature from 1846 to 1848.**

**Also adjoining Pierson Street on the south side and to the east of First Congregational Church is St. Thomas the Apostle Catholic Church, Rectory, and School. In 1955 the Pastor Edwin A. McCormick died unexpectedly. During his tenure he was responsible for the construction of the church, school, and rectory as all are still visible in 2023 from Memorial Park. A year earlier he celebrated forty years as it's Pastor and upon his death, a petition of 400 signatures was presented to the City of Crystal Lake to name the park as McCormick Memorial Park. The request was accepted by the City Council for his funeral was attended in the thousands. Pierson Street remained as named. The Kiwanis received permission from the City to create a memorial plaque and presented August 12, 1956, to the City in a ceremony at the naming of McCormick Memorial Park. As said at the unveiling of the McCormick Memorial plaque, "may we all as we passed this park in the course of our daily activities, give thought to the life of the man for whom it is named. May this memorial serve to remind us that we too can make our mark, each in his small way in the annals of Crystal Lake by emulating his friendliness, public spirit, and patriotism."**

(d) McCormick Memorial Park has a unique location or single physical characteristic(s) that make it an established or familiar visual feature.

**McCormick Memorial Park is in the same configuration and location as recorded in the Office of the McHenry County Clerk on Doc 1840DR00B128 being and known and designated as "PUBLIC SQUARE" according to the plat thereof recorded April 21, 1840, in Plat Book 5, Page 56 "ORIGINAL TOWN OF CRYSTAL LAKE", McHenry County, Illinois further described as a lot 330' (east to west) by 264' (north to south) of 2.04 aces located in the SE ¼ of the SE ¼ of the NE ¼ of Section 6 in Range 42 East of the 8th Principal Meridian. The use of the parcel as a Public Square has been the location for monuments, memorials, and a pump house for a public well which remain in 2023.**

(e) Activities associated with McCormick Memorial Park make it a current or former focal point of reference in the City.

**There are nine identifiable monuments and memorials in McCormick Memorial Park. Trees and landscape have been undertaken in memory of members of community organizations and military service. By its name the City of Crystal Lake has labeled it, a Memorial Park. Two of the monuments contain a time capsule to the future residents of Crystal Lake, one to be opened in 2036 and the other in 2076. The inscription on the Bicentennial Commemorative plaque for the year 2076 states, "We charge you, the people of 2076 A.D., to exercise prudence and wisdom with the proceeds of our investment".**

(g) McCormick Memorial Park is an area that is likely to yield historically significant information.

**There are two (2) time capsules located within McCormick Memorial Park. One was installed in 1936 under the memorial to the early settlers. A printed record of the founding of Crystal Lake was created and items to be used in the future. One such item was a vehicle sticker purchased for the then mayor's car though uncertain what the mayor would be driving or the form of government. All was sealed in a lead tube and encased in cement under the monument with reported instruction to be open in the year 2036.**

**The other time capsule was a monument created in 1976 in commemoration of the United States Bicentennial. In the capsule is a monetary gift to the future residents in the year 2076. Under the direction of the US Treasury, a federal bond with a 100-year compound interest valuation, was created from local contributions in the amount of $750. A location was selected in the center of Memorial Park, at the intersection of the interior sidewalks for a rock, plaque and flagpole and the planting of a Pin Oak, a native tree of Illinois. The original bond was received after signing by the then Secretary of the Treasury and President Gerald Ford and displayed for public viewing at locale banks until entrusted to the City. A copy of the bond was sealed in the time capsule under the commemorative two ton granite rock on which is attached a cast plaque containing instructions for the future residents of Crystal Lake.**

3. HISTORIC SIGNIFICANCE

(a) McCormick Memorial Park is the only type of property of its kind in the City.

**The property that consists of McCormick Memorial Park, the four streets that surround it, was created in 1836 concurrent with the Town Plat of Crystal Lake and labeled on**

**the plat as Public Square and remains in that configuration to 2023.**

(b) McCormick Memorial Park is associated with organizations or groups, whether formal or informal, from which persons have significantly contributed to or participated in the historic or cultural events of the City of Crystal Lake, State of Illinois, or the United States.

**Besides the City of Crystal Lake itself McCormick Memorial Park has been the beneficiary of organization created by the City for special events such as the Centennial Committee and the Bicentennial Commission on which served as appointed, residents. Fraternal organizations such as the Knights of Columbus and Kiwanis have had a part in The character and appearance of the Memorial. The Crystal Lake Garden Club since its inception in 1924 had a role in the landscape of the Memorial Park, planting trees in memory of its members. The Chamber of Commerce took on the occupancy of the Pump House in 1964 and expanding the building in 1974 and 2013.**

(c) McCormick Memorial Park is associated with a notable historic event.

**There is not one notable historic event in the history of McCormick Memorial Park but arguably three such events. First the Centennial Celebration in 1936 of the founding of Crystal Lake with the installation of the first-time capsule installed in Memorial Park. Second the renaming of the Park to McCormick Memorial Park as representative of the character and contribution one can make to the overall life of the people of Crystal Lake regardless of religious persuasion or fraternal association. Third is the commemoration of the United States Bicentennial with the second time capsule entrusted with the faith that the City of Crystal Lake would endure by the character of its residents for another 100 years.**

(e) McCormick Memorial Park is a monument to historic person or persons.

**There are nine monuments and memorials located within McCormick Memorial Park identified over nearly hundreds in public celebrations and actions by the Mayor and City Council of Crystal being:**
**Crystal Lake Centennial Monument (1936)**
**Kiwanis Father McCormick Plaque (1956)**
**Eleanor Teeling Memorial (1971)**
**National Garden Club of America Blue Star Memorial to the Armed Forces and the Crystal Lake Council of Garden Clubs (1974)**
**US Bicentennial Time Capsule (1976)**
**Crystal Lake Fire Fighters Memorial (2006)**
**Crystal Lake Fire Area Police (2006)**
**Robert C. Bartlett (2008)Bob Covey Memorial (2013)**

McCormick Memorial Park

ADJOINING PROPERTIES

**PIERSON [Southside]**

453 Pierson [272 Pierson]
19-06-426-004

461 Pierson
19-06-279-016

**FLORENCE [Westside]**

230 Florence
19-06-280-010

228 Florence
19-06-280-011

McCormick Memorial Park
231 Florence
427 Virginia
19-06-282-001

**KING [Eastside]**

257 King
19-06-283-002

263 King
19-06-283-001

**VIRGINIA [Northside]**

451 Virginia (Florence)
19-06-280-012

442 Virginia
19-06-284-040

440 Virginia
19-06-284-012

436 Virginia
19-06-284-013

432 Virginia
19-06-284-015

430 Virginia
19-06-284-038

428 Virginia [424 Virginia]
19-06-284-018
19-06-284-018

420 Virginia
19-06-284-021

415 Virginia (King)
19-06-283-003

LIST OF SIGNIFICANT EXTERIOR ARCHTECTURAL FEATURES AND OBJECTS THAT SHOULD BE PROTECTED

Crystal Lake Centennial Monument (1936)
Kiwanis Father McCormick Plaque (1956)
Eleanor Teeling Memorial (1971)
US Bicentennial Time Capsule (1976)
Crystal Lake Fire Fighters Memorial (2006)
Crystal Lake Area Police Memorial (2006)
Robert C. Bartlett Memorial (2008)
Bob Covey Memorial (2013)

**Items proposed for Certificate of Appropriateness in the ordinance designating the landmark:**

(c) All memorials and Monuments
(d) Place name and Community Information Signs
(e) Chamber of Commerce Building limited to the field stone portion of the building
(f) Interior lighting in the Park
(g) Sidewalks except for ADA compliance
(h) Landscaping and Trees
(i) Existing configuration of the Park

**Items specifically excluded from Certificate of Appropriateness:**

- Regulatory Signage
- Easement/Rights-of-way adjoining the property
- Utility and water service above ground fixtures
- Water Tower
- Antennas on the Water Tower including ground equipment, fencing and signage
- Benches
- Planters
- Bicycle stands

REFERENCE

*§ 295-16 A certificate of appropriateness issued by the Commission before a building permit, moving or demolition permit is issued for any designated historic landmark or any building, structure or site or part thereof in the Historic District. It is required if the building, structure, or site will be altered, extended, or repaired in such a manner as to produce a major change in the exterior appearance of such building or structure. Such major changes include, but are not limited to (subject to adoption of guideline amendment developed by Historic Preservation Commission and City staff):*

*A. Major changes by addition, alteration, maintenance, reconstruction, rehabilitation, renovation, or repair.*

*B. Any new construction and demolition in whole or in part requiring a permit from the City of Crystal Lake.*

*C. Moving a building.*

*D. Any construction, alteration, demolition, or removal affecting a significant exterior architectural feature as specified in the ordinance designating the landmark or Historic District.*

**MINUTES**
**Historic Preservation Commission**
**November 2, 2023**
**City Hall, 100 W. Woodstock Street, Crystal Lake, IL**

**1) Call to Order**
L. Solak called the meeting to order at 7:00 p.m.

**2) Roll Call/Attendance**
The following Commission members were present, Ana Freund, Judi Halter, Nancy Haskins, Diana Kenney, Bob Kosin, Brittany Niequist, Lisa Solak, and, Bob Wyman. City Planner, Elizabeth Maxwell, was present for staff. Vicki Kosin was in the audience.

**3) Public Comment**
None.

**4) Approval of Minutes of the October 5, 2023 Regular Meeting**
B. Niequist make a motion to approve the minutes. B. Wyman seconded the motion. On voice vote all voted aye. Motion passed.

**5) PUBLIC HEARING – McCormick Memorial Park – 427 Virginia Street**
B. Kosin of 856 Benning and B. Wyman of 135 College Street were the petitioners and presented the information. L. Solak opened the public hearing. They described the park site being a bit over two acres and bounded by four street. They discussed the history and showed the photos.

There was no one in the audience who wished to speak. L. Solak closed the public hearing and turned it over to the Commission. The Commission went through the Findings of Fact and found that the request meet the standards to be considered for landmark status. D. Kenney said that they did a great job presenting all the information.

D. Kenney made a motion to approve the landmark request. B. Niequist seconded the motion. On voice vote all members voted aye with B. Kosin and B. Wyman abstaining. Motion passed 6-0.

B. Wyman stated that he would like to order a plaque for McCormick Park that has a QR code you can scan.

**6) Hill Farm Park Barn Demolition**
Staff pulled up the 2016 Feasibility Study the Park District had completed. B. Niequist read through the study and contacted the man who put it together. It does not say that the barn needs to be demolished. It says that the original frame work is in good condition. The barn withstood the Palm Sunday tornado. There has not been a lot of maintenance done over the past several years, which has caused the barn to fall into further disrepair. There would be significant cost to repair the structure. There would also be significant cost to demolish the structure. They would rather the Park District find the money to repair rather than remove the barn. B. Wyman said the barn was gifted to the Park District in 1972 along with $100,000 for maintenance. Where did

that money go? Also, the farmers on the property are being charged, what is that money used for?

D. Kenney went through the history of the barn. It was used for storage, at one time the Jaycees used it, and it has had a lot of water damage. She has been inside the barn and it did not feel safe inside.

A. Freund wondered about the timing. The Feasibility Study was done in 2016, why do they want to demolish it now. What happened over the past several years? B. Niequist said agriculture is disappearing in this area and that is an important part of Crystal Lake's history. We do not need another tot lot. D. Kenney suggests going to the Park District board meeting and speaking to them about the concerns. They looked at the website and found that the Park District Committee of the Whole was meeting at the same time as this meeting and the barn was being discussed at that meeting. They hoped to attend the next board meeting to voice their concerns.

**7) Trolley Tour 2024**

The Commission wanted to publicly thank Kurt Pierson for indexing the trolley tour information. It was a great undertaking and will be immensely helpful for the future.

B. Niequist created a route and list of properties. She took a lot from the former 2011 Moved and Removed tour and added a few additional properties. She plotted everything on a map and had to get rid of the outliers. She went through the draft route, which starts Downtown heading down Woodstock then Williams to Paddock, looping around the other streets. She said there is about 25 houses on the tour.

D. Kenney noted she has photos of the three houses moved for the Library expansion. She said these are the same houses that were previously done. She would hope there would be new properties, they need fresh houses. Everyone can review the route and houses. B. Niequist will send the info to staff who will send it out to everyone.

**8) Member Inquiries and Reports**

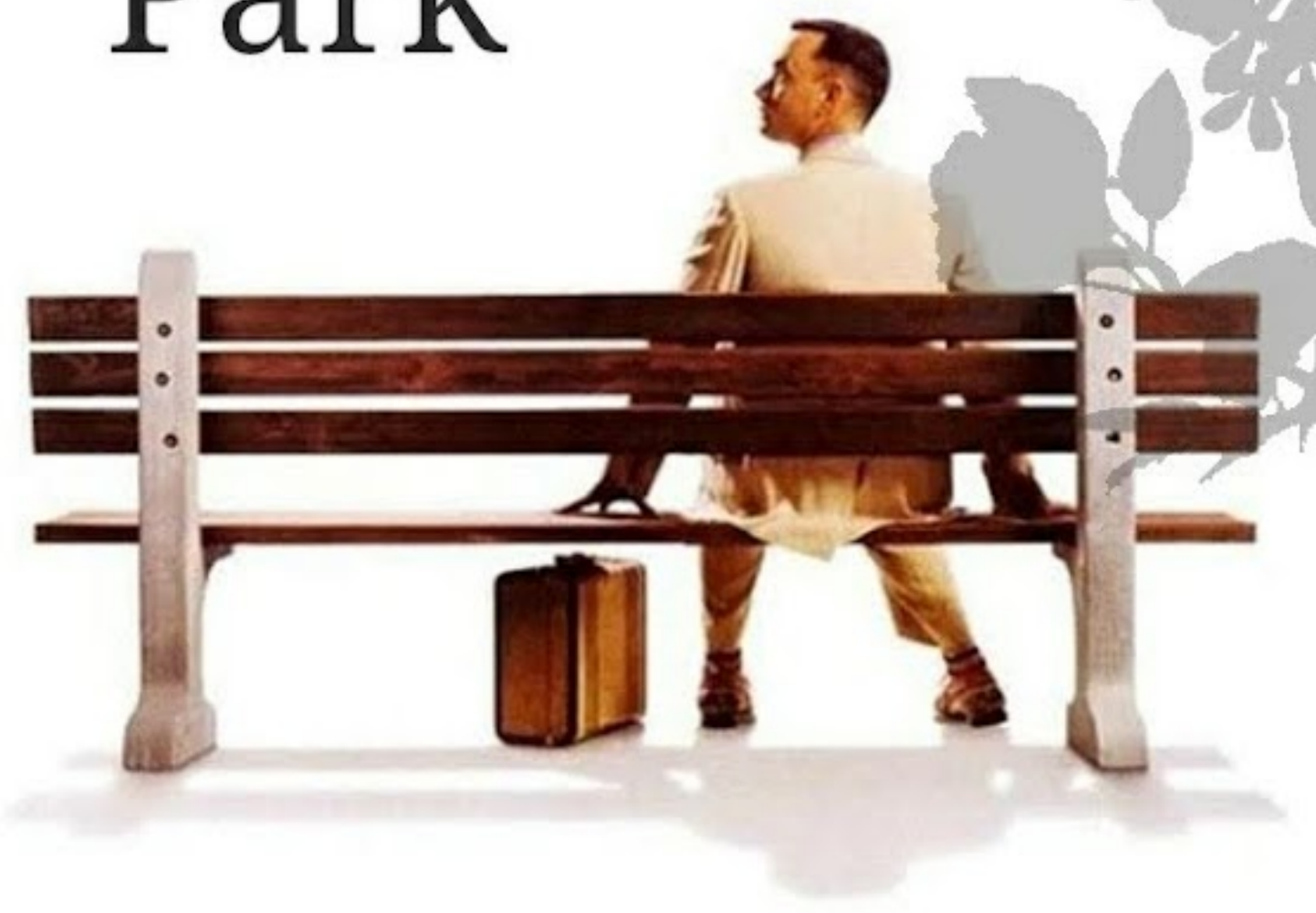
N. Haskins asked about the "Remembering Those Who Served" cemetery book and if it can be saved in a more permanent location rather than her dropbox. D. Kenney said she only had a few cemetery books left. They could do a second run. They can take some additional after pictures to add to the book. The Commission requested this be placed on the December agenda for discussion.

B. Kosin asked about the consultant and design ideas for the Depot Park. Staff shared some information about the process and working with the consultant to program the space for more activities. Staff will provide additional information to the Commission.

**9) Adjournment**

There being no further business, D. Kenney made a motion to adjourn the meeting. J. Halter seconded the motion. On voice vote, all members voted aye. The meeting adjourned at 8:27 p.m.

# McCormick Memorial Park



# Town Plat. Crystal Lake.

## Benjamin Douglass and others.

This is to certify that the within is a correct Plat of the town of Crystal Lake in McHenry Co. Illinois as surveyed August 1837. The Streets are each sixty six feet wide except Virginia Street which is eighty feet The lots are all sixty six feet front by one hundred and thirty two feet deep, except those in Block No. 1 and 4 which are sixty six feet front by one hundred and fifteen and one half feet deep. The courses of the Streets as given on the Plat. There is a stone planted at the corner marked S.

Asa F. Bradley
Deputy Surveyor for the County of Cook.

The Name is changed from Crystal Lake to Crystal Lake and known as such.

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The within Plat is accepted McHenry March 30. 1840

County Commissioners { S.B. Brown
Gideon Colby
Robert G White

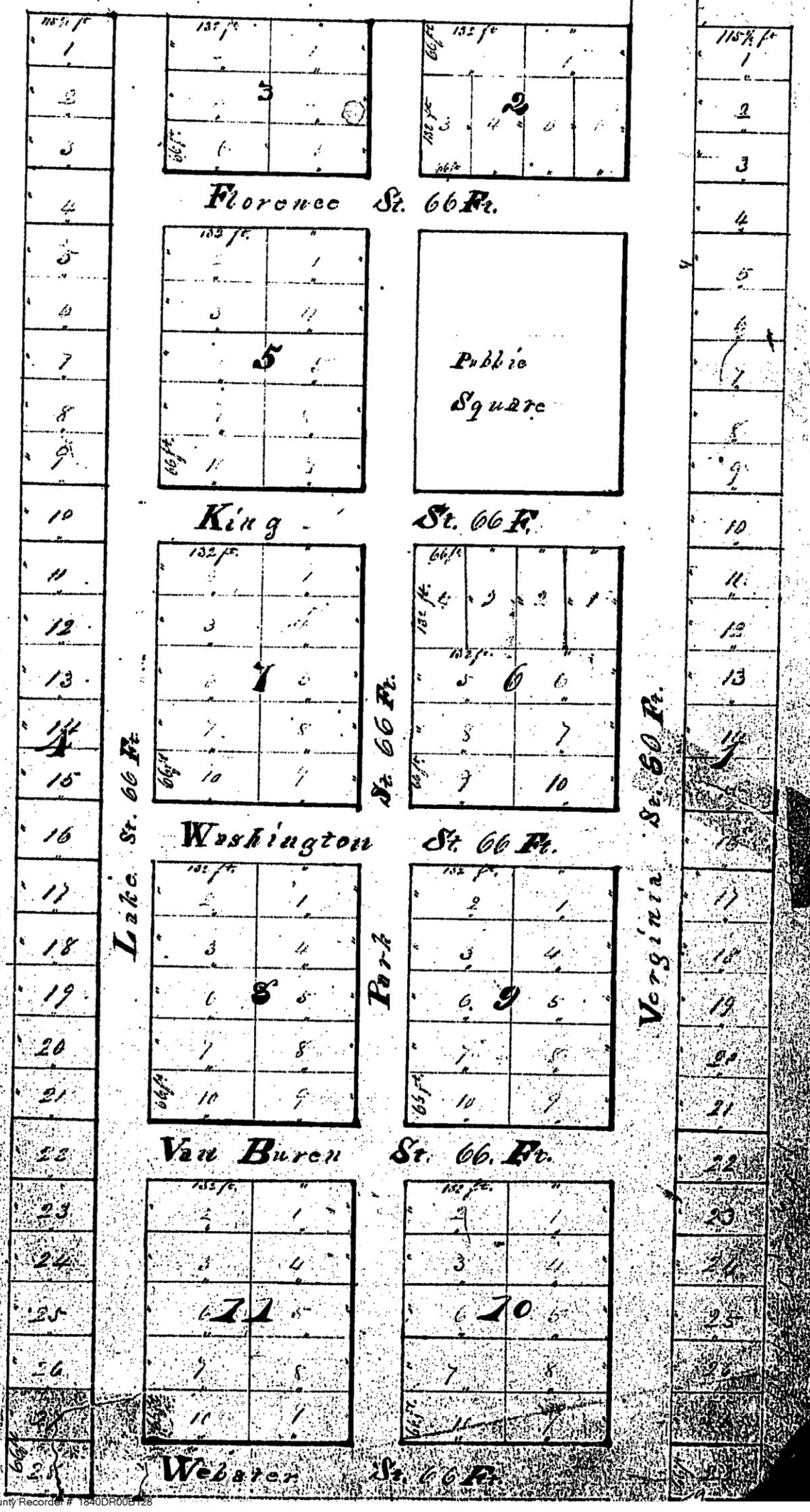
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State of Illinois
McHenry County } ss. Personally appeared before me
J.P. Church a Justice of the Peace in and for said County Benjamine Douglass. Benan Crandle. Lyman King and Christopher Walker and John S. Beardsly who severally acknowledged the within plat to be their act and Deed for the uses and purposes therein contained and that the above named persons are known to me to be the same persons.
Given and acknowledged before me this 31st day of March A.D. 1840

J.P. Church
Justice of the Peace

McHenry County Recorder # 1840DR00E128

# Crystal Lake - Continued




Plat of Addition to Village of Crystal Lake, Known as Walker's Addition to Crystal Lake, Being a Subdivision of Part of the N.E. ¼ of Sec. 24, T. 43 N., R. 8 E. of the 3rd P.M., McHenry County, Illinois.

Surveyed this 22nd day of April, A.D. 1874.

Scale 1 in. = 100 ft.

Bearings from True North. Variation of Compass 2° 30' East.

Recorded in McHenry County Records, Book of Plats, Page 56.

Recorded in McHenry County Records, Book 373 of Deeds, Page 559.

Dedicated to the use of the public.

Certificate of Surveyor.

I, Frederick Walker, Surveyor, do hereby certify that I have surveyed and platted the above described premises, and that the above plat is a correct representation of the same.

Given under my hand and seal this 22nd day of April, A.D. 1874.

Frederick Walker, Surveyor.

Certificate of Dedication.

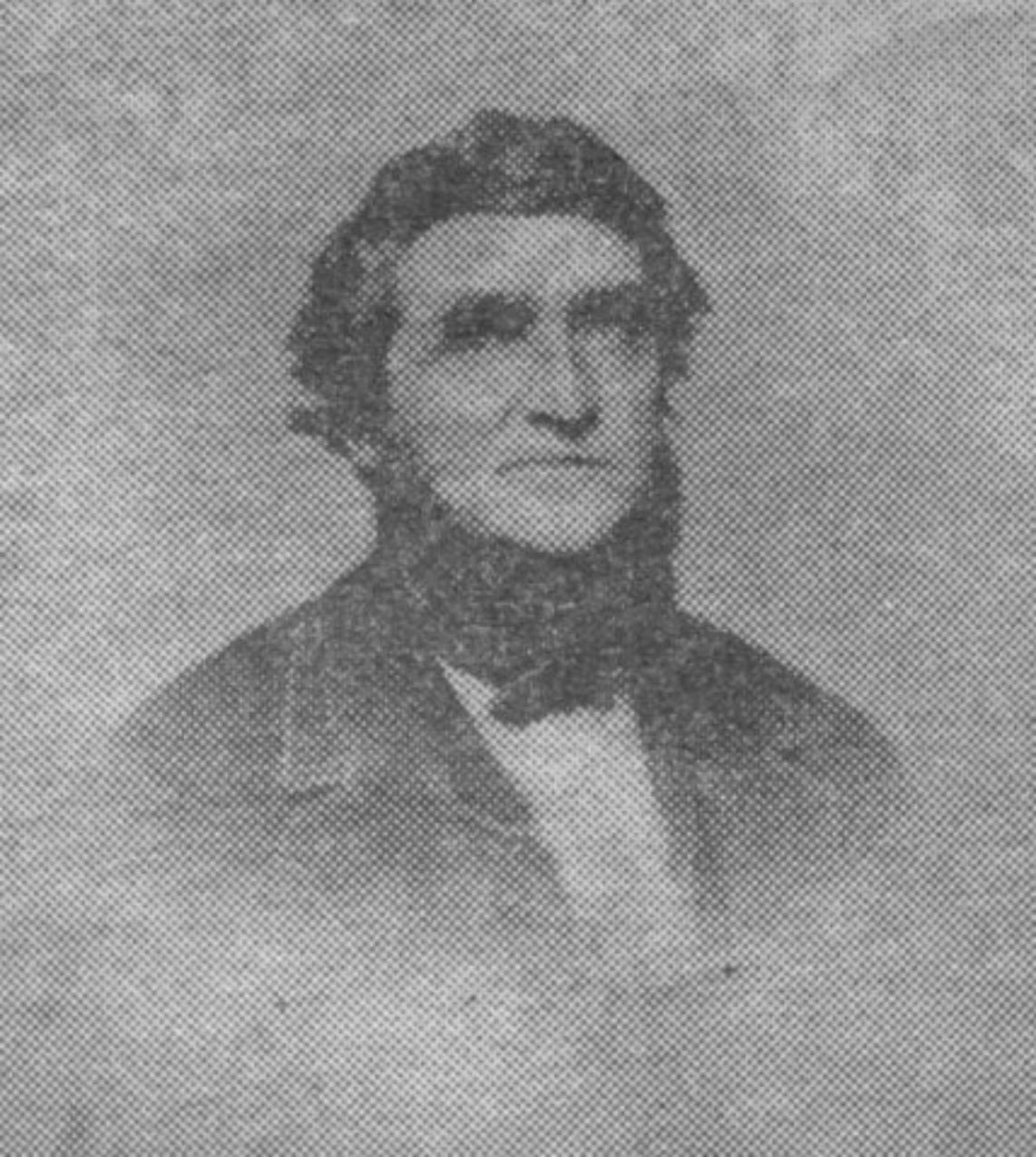
We, the undersigned, do hereby certify that we have caused the above described premises to be surveyed and platted as above represented, and that the streets and alleys as shown on the above plat are dedicated to the use of the public.

Given under our hands and seals this 22nd day of April, A.D. 1874.

Frederick Walker (Seal)

Mary E. Walker (Seal)

McHenry County Recorder # 1840DR00B128



# JOHNSBURG

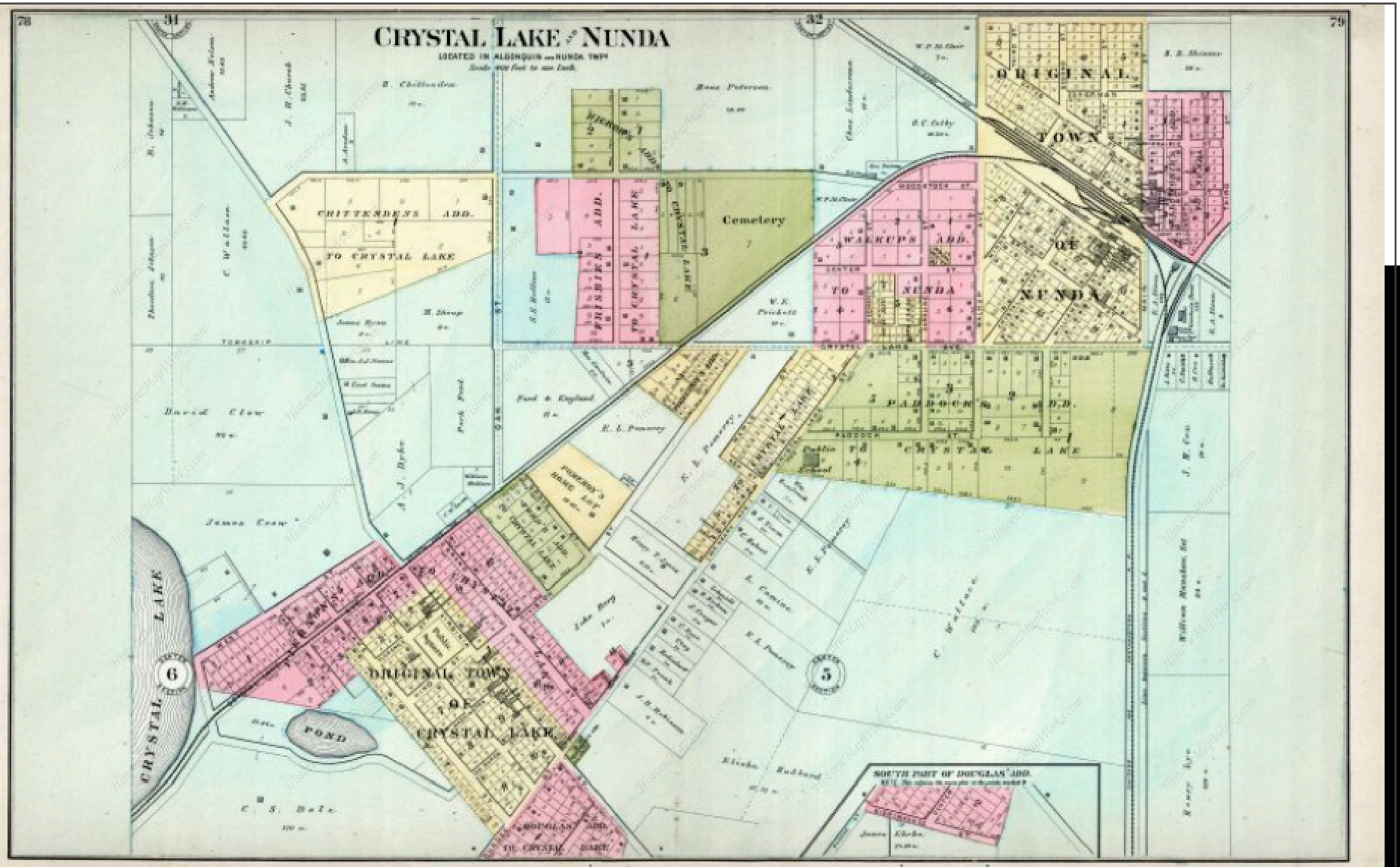
English School
Adam Miller 36 — 16 72/100 a.
37 John Banties — 10 3/100 a.
3 a.
N. Mulletor 38
S. Michaels
P. 39 Rothermel — 70 33/100 a.
N. 40 Rothermel
41
Frank Smith
Henry Miller
L. 3 John A. Winkel — 30 3/4 a.
P. Blake — 10 a.
10 50/100 a.
4 Adam Miller
5 a. J. Rothermel
7 3/4 a. N. Mulletor
H. Hendrick
2 3/4 a. J. Fratt
John Prof.
J. J.
J.
S. 33 Michaels 2 a.
32
L. Bonslet 31.
2 3/4 N. Mulletor
J. Gillis 1 a.
Rosenthal
28
J. Bugner
1 a. P. Glasson
2 a. C. Charles
W. S.
Henry Vell 2 a.
35
1 a. H.B.
6 a. Mary Weber L. 1.
Lot 2 John Adam Blake — 27 a.
Catholic Church Property
Catholic School
9
11
14
15
16 17 18 19 20 21 22 23
J. Bagner — 10 a.
S. Thalen
J. Palmas
Martin Yesen
Martin May

# RINGWOOD

H. C. Allen
H. Simpson
M. M. Chase
Major Noble
Solomon Dodge
John Green
Ladd
35 Rods
William Stevens
Chase
S. H.
R. A. Buckland
M. E. R. C.
Cheese Factory
Charles Harrison 19
20
T. Colby
40 Rods
Nichols
Samuel Simmons
N. E. Cor. of Sec. 6.
T. Goodman
C. Frisby
12
13
14
15
16
17
18
19
20
21
22
568
G. Ford
Small Fruit
Garden
359.7
T. Ford Vineyard
24
25
264
7.92
A. J. Simon
J. H. Wilbur
George Reed
B.
Thwing
N. A. Keyes
PIERSON'S ADDITION
Hiscock
CRYSTAL LAKE Ry
E. L. Pomeroy
J. T. Pierson
S. S. Gates
J. Straw
CRYSTAL LAKE
Center
WEST
1
2
3
4
5
6
7
8
9
10
11
12
13
ST.
FLORENCE
PUBLIC SQUARE
RING
WASHINGTON ST.
VAN BUREN
PARK
VIRGINIA
GRAND
Ice House
POND
C. S. Dole
E. L.
A. W. B.
DOUGLAS'S ADD.

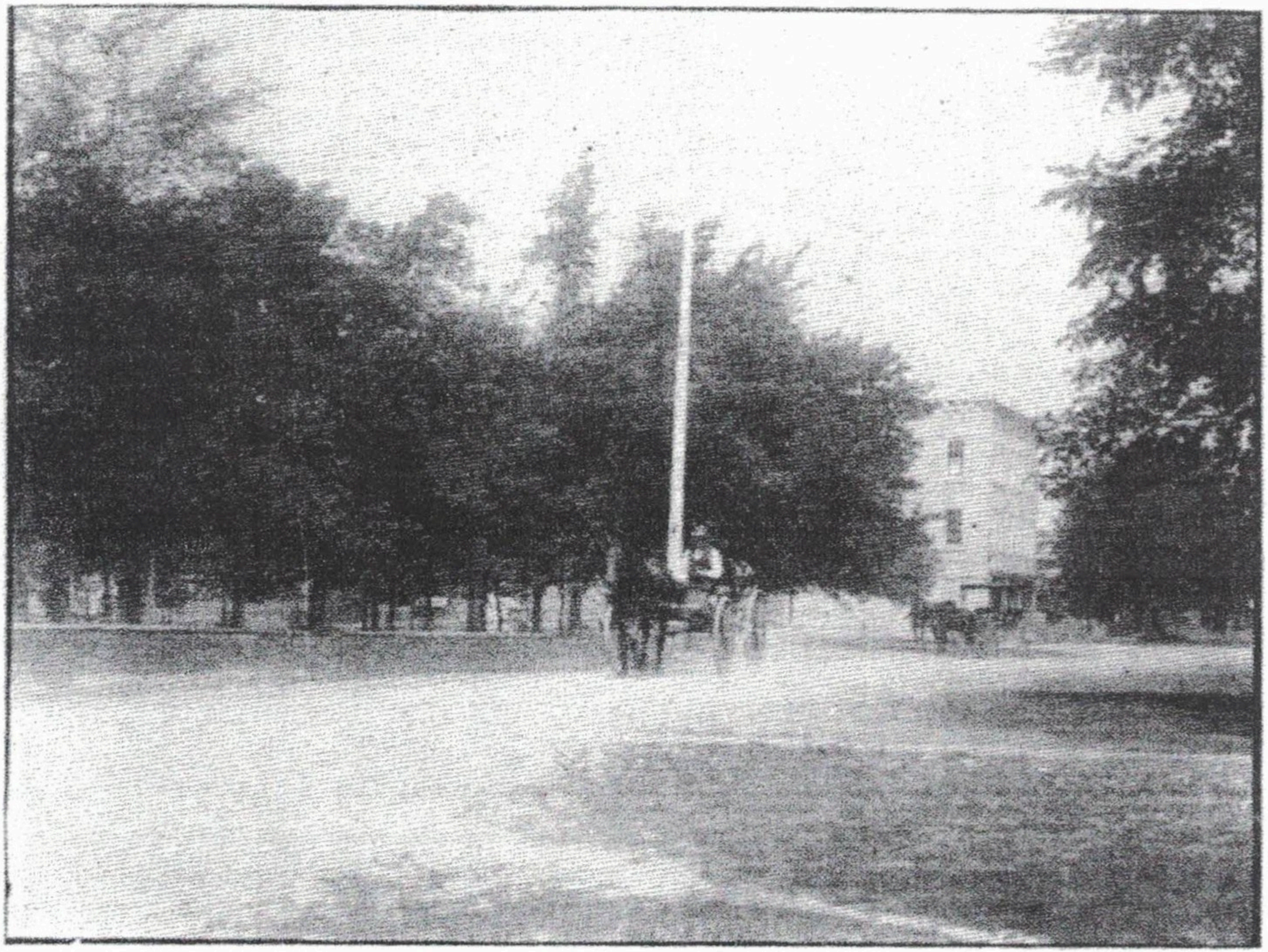
Scale 500 ft. per Inch.

# CRYSTAL LAKE




View Print Sizes & Pricing »

Maps in this atlas contain names of the property owners. For the names of residents living in the dwellings in many counties, consult atlases published by either *Directory Service Company* or *Farm and Home Publishers* when available in the database. For a full list of all published atlases of this area, browse the collection by state.



LAKE SHORE DRIVE

6" W. PIPE

D.H.

DEC. 1921
CRYSTAL LAKE
ILL.

6

103

102

DYKE

C & N W RY.

DOLE AV.

ICE TRACK

PARK

VIRGINIA

GRAND

ST THOMAS CATHOLIC CHURCH
HEAT: FURNACE
LIGHTS: ELEC.
24' TO EAVES

CONGREGATIONAL CHURCH
HEAT: FURN. - LIGHTS: ELEC.
24' TO EAVES
70' HIGH

CRYSTAL LAKE PUMPING STATION
HEAT: STOVES - LIGHTS: ELECTRIC.
1 DEMING TRIPLEX PUMP
6"x8" DRIVEN BY 15 H.P. ELEC. MOTOR
CAPY. 800 GALS. PER MIN.
1 BOULD. CENTRIFUGAL PUMP
DRIVEN BY 85 H.P. ELEC. MOTOR: CAPY. 200 GALS. PER MIN.

BAND STAND

TOWN PARK

FLORENCE

KING

DIVISION

Scale of Feet.

Copyright 1922 by the Sanborn Map Co.

Virginia Street park
eter C. Nelson,

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any topic brings conje

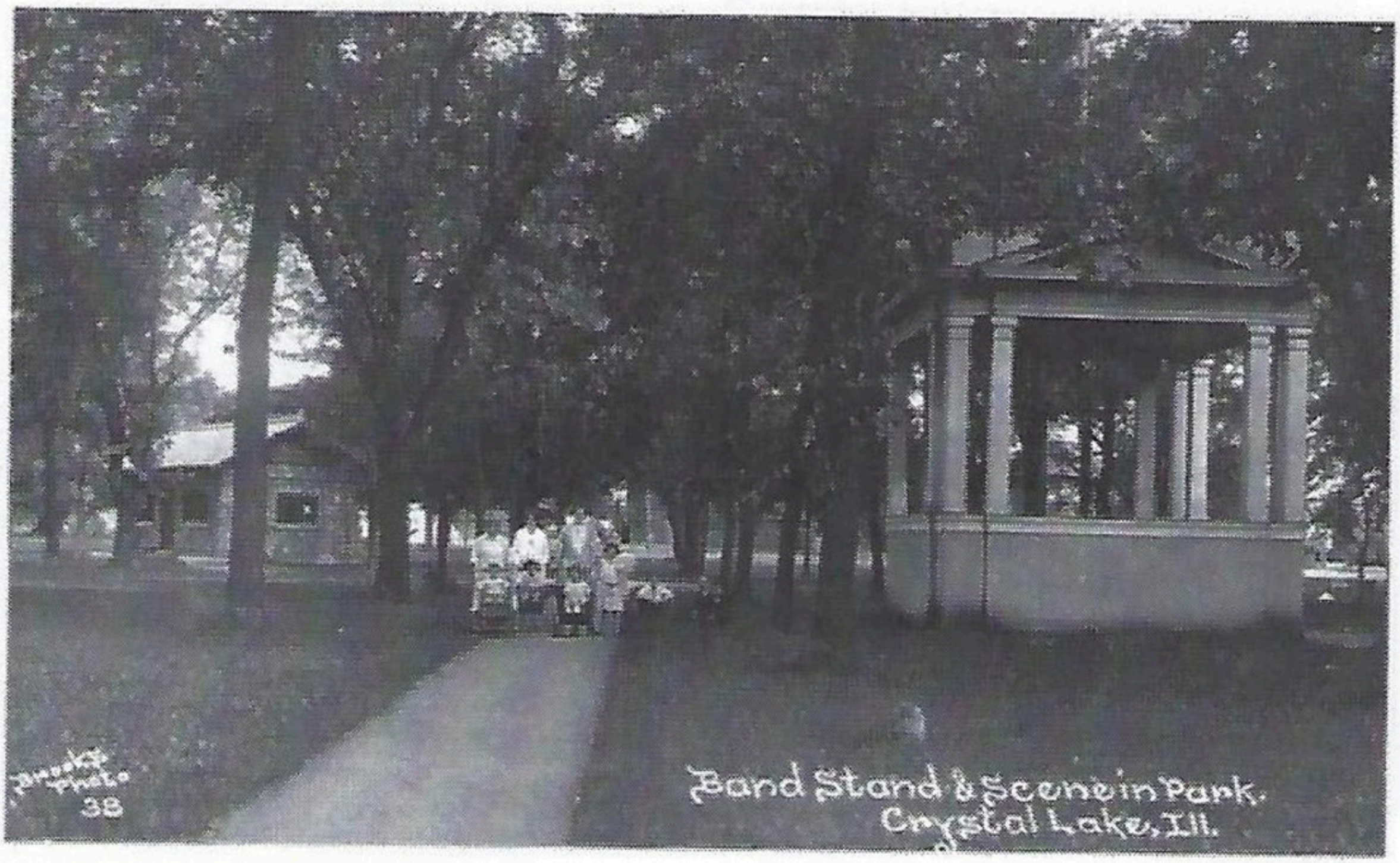


*1936 Photo: Dorothy Anderson (Heisler) and Harriet Shales (Hanson) pose near the centennial monument located in today's McCormick Park.*

Among the collec-
on of Crystal Lake

relatives of the contrib

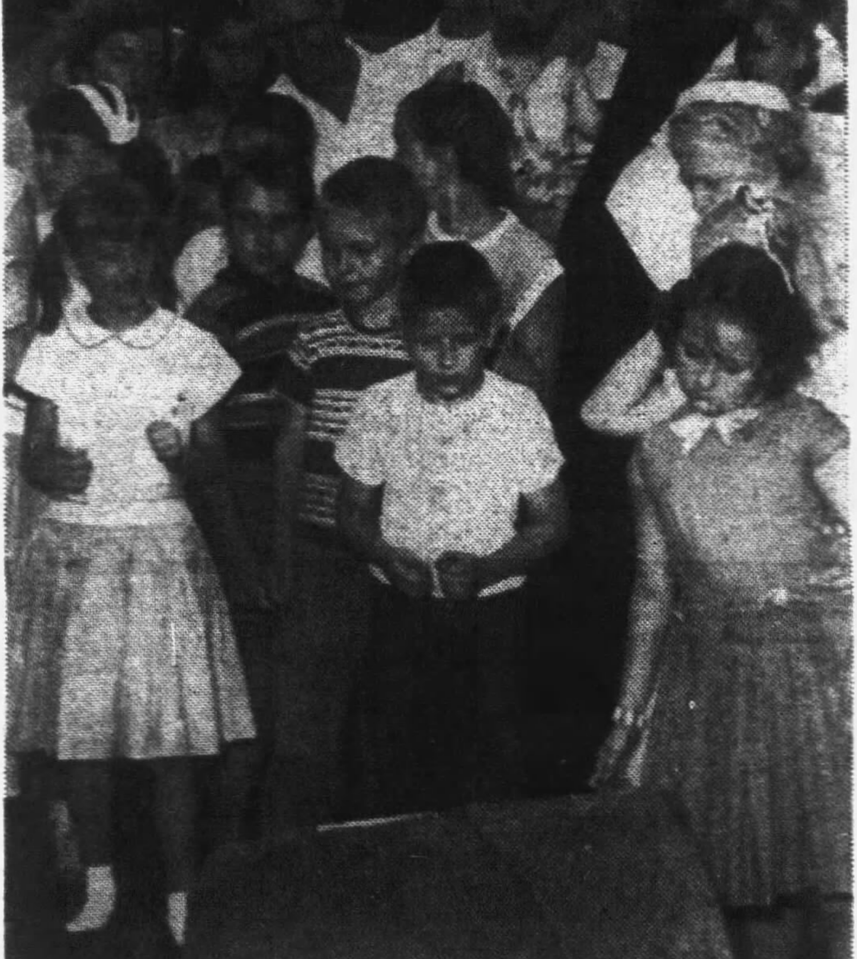

1836 — 1936
ERECTED
IN MEMORY OF
THE EARLY SETTLERS
OF
CRYSTAL LAKE
BY CENTENNIAL ASSOCIATION


38
Band Stand & Scene in Park.
Crystal Lake, Ill.


McCORMICK MEMORIAL PARK
IN MEMORY OF
REV. EDWIN A. McCORMICK
AUGUST 15, 1959
KIWANIS CLUB OF CRYSTAL LAKE



When the park on Virginia st. was named for and dedicated to the late Rev. E. A. McCormick, Orville Church, center, president of the Kiwanis club, presented the flag to the American Legion firing squad.



Youngsters and adults alike, following the program, flocked to see the stone and plaque and were happy for the honor bestowed upon one so great.

McCORMICK MEMORIAL PARK

KIWANIS INTERNATIONAL

IN MEMORY OF

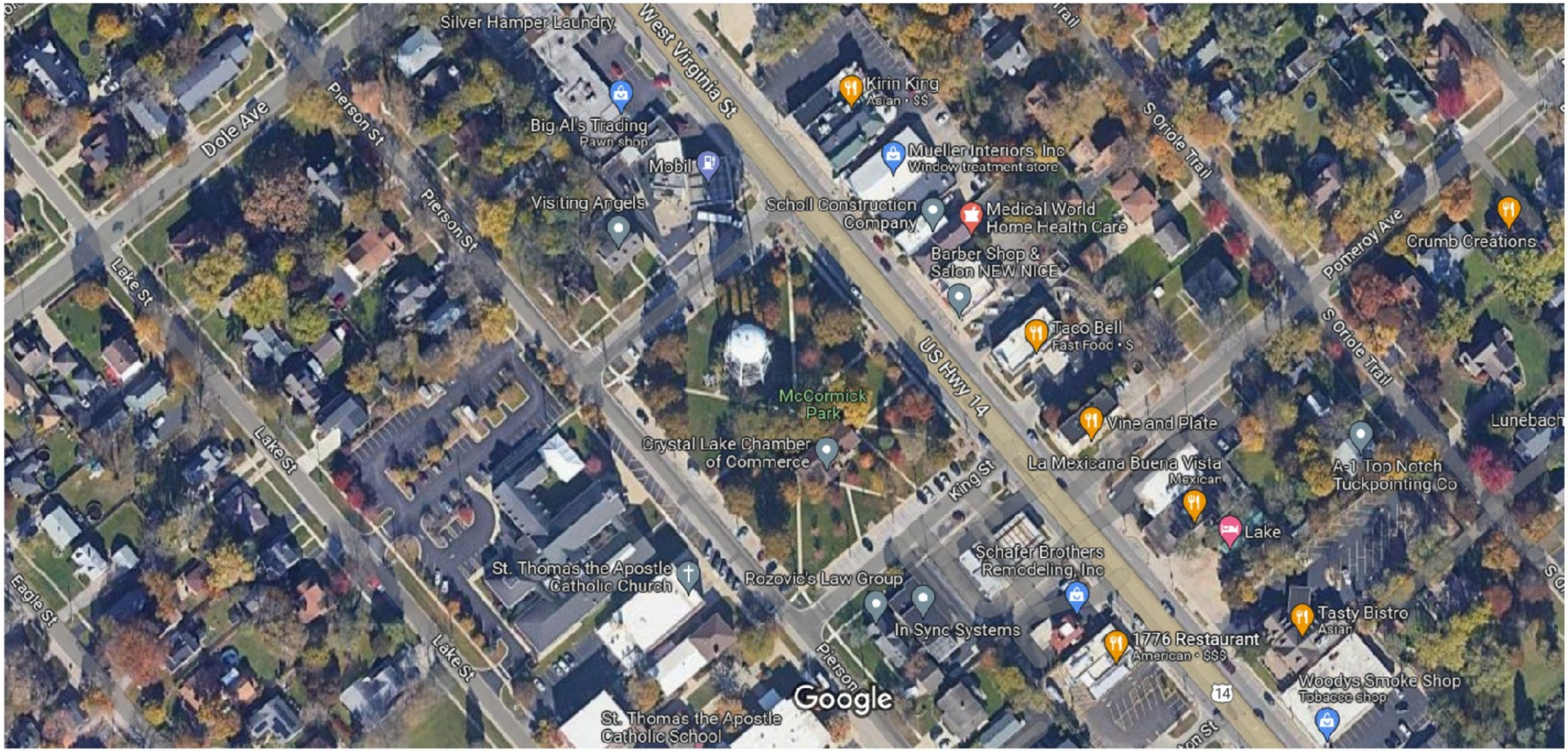
REV. EDWIN A. McCORMICK

AUGUST 12, 1956

KIWANIS CLUB OF CRYSTAL LAKE


BICENTENNIAL
1976 TIME CAPSULE 2076
BE IT KNOWN by all those present in this year 1976 A.D. that We, the People who celebrate the Bicentennial of the UNITED STATES of AMERICA, placed this time capsule as a gift to You, the People of Crystal Lake 2076 A.D. It is with faith in our NATION, the PEOPLE, and the FUTURE that We have invested in a Series "E" Government Bond number 200 000 082. We charge you, the People of 2076 A.D., to exercise prudence and wisdom with the proceeds of our investment. You are to properly celebrate the Nation's Tercentennial and use the funds to enhance the community, to foster awareness of our constitutional form of Government and to perpetuate the same.
1976 AMERICAN REVOLUTION BICENTENNIAL COMMISSION 2076
ARLENE B. FETZNER, Mayor
CHARLES J. FECK
ARLENE KERNS
RUTHE STOUT
IRA J. (Tom) DOBBIE, Chairman
WALTER W. KARDAS
CHARLENE KIEFFER
JOHN J. SKALANY
Plaque by
WM. CHANDLER PETERSON POST #171, THE AMERICAN LEGION
AMERICAN LEGION AUXILIARY UNIT NO. 171

Google Maps




Imagery ©2023 Maxar Technologies, U.S. Geological Survey, USDA/FPAC/GEO, Map data ©2023 100 ft

**Agenda Item No: 13**

**City Council**
**Agenda Supplement**

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**Meeting Date:** November 21, 2023

**Item:** REPORT OF THE PLANNING & ZONING COMMISSION

Derbyshire Townhomes

**Requests:** Preliminary Planned Unit Development and Preliminary Plat of Subdivision for a 48-unit townhome development

**Petitioner:** Paul Swanson, petitioner
1201 Bard Road

**PZC Recommendation:** To approve the Planning and Zoning Commission (PZC) recommendations and adopt an Ordinance granting the Preliminary Planned Unit Development and Preliminary Plat of Subdivision for a 48-unit townhome development for Derbyshire Townhomes at 1201 Bard Road

**Staff Contact:** Kathryn Cowlin, Director of Community Development
Elizabeth Maxwell, City Planner

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**Background:**

- The site was originally part of the Bartley Square Development, which was a mixed-use development with B-1 commercial on the corner and multi-family townhomes behind. Bartley Square had 38 townhomes and a 12,000 square foot retail building. The gross density was seven (7) units per acre.
- The two lots have been sold separately and the commercial will be developed by someone else in the future.

SITE PLAN:

- This request is for 48 townhomes at a density of nine (9) units per acre. The property is zoned R-3B, which allows up to nine (9) units per acre.
- Nearby, Walnut Glen Townhomes was approved for 46 units at 8.08 units per acre.
- The site is broken up into three pods of buildings each with access to three different public roadways. The northern pod is made up of two six-unit buildings off Bard Road. The

western pod contains four six-unit buildings accessed from Crabapple Drive. The eastern pod is the remaining two six-unit buildings, which are accessed from Huntley Road. The petitioner is not required to improve any roadways to handle this traffic.

- A traffic study is not required due to the number of vehicles generated by the townhomes and the distribution of traffic to the three different roadways. Staff evaluates a site and the traffic to determine if a study is necessary. Traffic studies are generally required for continually high turnover sites such as drive-thru restaurants or large big box retailers.

STORMWATER:

- Detention is provided on the south portion of the site and is sized to meet the current stormwater ordinance requirements.
- A restrictor is proposed which releases the water from the pond at a rate and volume that will not provide any negative downstream impacts. The water would be released to the City's storm sewer on Huntley Road.
- Neighboring subdivisions such as Harvest Run also release into the City's storm sewer on Huntley Road.

ELEVATIONS:

- The townhomes are a light grey color with medium grey trim and a medium shade red brick along the first floor. The petitioner stated they will provide a second color scheme of light grey. A condition has been added to provide elevations illustrating both color schemes.
- The siding is horizontal Hardiboard siding and smooth textured Hardiboard siding. The petitioner shall provide materials with the final PUD elevations.
- The rear elevation garages project out two feet on some of the units to break up that rear elevation. There are also projections on the side elevations.
- The elevations **meet** the design standards.

## PZC Highlights:

- Several members of the public attended and voiced their concerns at the meeting. The prominent points were:
    - Water and flooding in the area. The concern was with the detention facilities and water heading downstream to the Wedgewood ponds.
        - This property has been engineered to detain its water on site.
    - Tree removal. Neighboring residents were concerned with tree removal and construction activities that will occur disturbing wildlife.
        - Tree removal is a permitted activity with development. Tree removal requires inventory of the removed trees so replacement trees can be calculated. 24 trees are required to be planted as part of the development.

- Traffic. Residents were concerned with additional traffic on Bard and Huntley Roads. Some homeowners along Crabapple were concerned with future residents driving down Crabapple Drive.
    - The adjoining roadways are designed to sufficiently handle the additional traffic, no improvements are necessary.

- The PZC added conditions to address some of the concerns including the power availability, construction timing, and the garbage pickup.
- The PZC found that this request meets the Findings of Fact.

The PZC recommended **approval (5-0)** of the petitioner's request with the following conditions:

1. Approved plans, reflecting staff and advisory board recommendations, as approved by the City Council:
   A. Application (Kerrick, received 11/02/22)
   B. Site Plan (Swanson, undated, received 10/09/23 and dated 07/27/23, received 09/07/23)
   C. Landscape Plan (Gary Weber dated 08/16/23, received 09/07/23)
   D. Engineering Plans (Advantage Consulting, dated 08/21/23, received 06/14/23)
   E. Final Plat of Subdivision (Vanderstappen, undated, received 09/07/23)
   F. Elevations (Unnamed, undated, received 09/07/23)

2. Architecture
   A. Two different color schemes shall be provided. Each two pack of buildings should display two color schemes so the development does not look monotonous. Provide revised elevations for review.
   B. ~~Wrap the balcony columns with brick~~. **(Removed by PZC)**

3. Landscape
   A. Increase landscape screening between this property and the commercial property to the northwest. Work with staff to add more material to provide a better buffer for the residents.
   B. Landscape islands need to be 8 feet wide by 19 feet in depth and at the ends of all parking rows and every 10 spaces. Increase the size of the islands and add where needed.
   C. Add landscape to screen the auto-courts.
   D. Provide the required 20-foot landscape buffer between this property and the single-family property to the south with 2 overstory trees and 6 understory trees and 6 shrubs every 100 feet.

4. Plat of Subdivision
   A. Provide a Final Plat of Subdivision with Condominium Ownership designation for review and approval.
   B. Provide the Covenants, Conditions, and Restrictions for staff review.
   C. Illustrate the Municipal Utility Easements on the plat.
   D. Include provisions for the stormwater management easement.

5. Provide lighting standards at permit to ensure the exterior lighting standards of the UDO are met.

6. Provide a detailed site plan illustrating the 30-foot required setback to any building projection or covered structure.

7. Provide a calculation of net density for Final Planned Unit Development review. Net density is calculated by removing any public or private drives or unbuildable areas such as wetlands and floodplains.

8. Illustrate fire hydrants and dimensions of fire truck access around the buildings. Fire Truck access needs to be within 150 feet of all portions of a building. Fire Access roads may be necessary to provide access to all portions of the buildings.

9. ~~Narrow the turning radii into the auto courts to a maximum of 10 feet. The design should slow vehicles down as this is a residential area with kids that could be playing in the courts and vehicles backing out of garages~~. **Work with staff to make the entrances to the auto courts as narrow as possible while allowing emergency vehicle access. Illustrate a truck-turning exhibit**. **(Amended by PZC)**

10. The petitioner shall address all of the review comments and requirements of the City Departments of Public Works, Fire Rescue, Engineering, and Community Development and the City's Stormwater Consultant.

11. **Work with staff to follow up with Commonwealth Edison on the capacity of the grid. (Added by PZC)**

12. **Work with staff to find a garbage pickup solution. (Added by PZC)**

13. **Work with staff on the buildout plan for construction and share that. (Added by PZC)**

Following the PZC meeting, a group of neighbors filed a petition of objection with the City. Special Legal Counsel reviewed the petitioner and since there is no rezoning/map amendment or text amendment as part of this request the petition does not trigger a super majority vote by the City Council.

**Votes Required to Pass:** A simple majority.

# Acknowledgement Form

Regarding the Preliminary PUD and Plat for Derby Meadows. Please check one of the choices and sign below.

- [X] I hereby acknowledge that I have read, understand, and agree to the staff review comments and recommended conditions contained in the staff report, city staff reviews, and consultant reviews (if applicable).

- [ ] I hereby acknowledge that I have read, understand, and agree to most of the staff review comments and recommended conditions contained in the staff report, city staff reviews, and consultant reviews (if applicable) but have concerns with the following items:

_____

_____

Petitioner's Name: _____ Date: 11/8/23
Signature

**Recommended Conditions:**

1. Approved plans, reflecting staff and advisory board recommendations, as approved by the City Council:
   A. Application (Kerrick, received 11/02/22)
   B. Site Plan (Swanson, undated, received 10/09/23 and dated 07/27/23, received 09/07/23)
   C. Landscape Plan (Gary Weber dated 08/16/23, received 09/07/23)
   D. Engineering Plans (Advantage Consulting, dated 08/21/23, received 06/14/23)
   E. Final Plat of Subdivision (Vanderstappen, undated, received 09/07/23)
   F. Elevations (Unnamed, undated, received 09/07/23)

2. Architecture
   A. Two different color schemes shall be provided. Each two pack of buildings should display two color schemes so the development does not look monotonous. Provide revised elevations for review.

3. Landscape
   A. Increase landscape screening between this property and the commercial property to the northwest. Work with staff to add more material to provide a better buffer for the residents.
   B. Landscape islands need to be 8 feet wide by 19 feet in depth and at the ends of all parking rows and every 10 spaces. Increase the size of the islands and add where needed.
   C. Add landscape to screen the auto-courts.

D. Provide the required 20-foot landscape buffer between this property and the single-family property to the south with 2 overstory trees and 6 understory trees and 6 shrubs every 100 feet.

4. Plat of Subdivision
   A. Provide a Final Plat of Subdivision with Condominium Ownership designation for review and approval.
   B. Provide the Covenants, Conditions, and Restrictions for staff review.
   C. Illustrate the Municipal Utility Easements on the plat.
   D. Include provisions for the stormwater management easement.

5. Provide lighting standards at permit to ensure the exterior lighting standards of the UDO are met.

6. Provide a detailed site plan illustrating the 30-foot required setback to any building projection or covered structure.

7. Provide a calculation of net density for Final Planned Unit Development review. Net density is calculated by removing any public or private drives or unbuildable areas such as wetlands and floodplains.

8. Illustrate fire hydrants and dimensions of fire truck access around the buildings. Fire Truck access needs to be within 150 feet of all portions of a building. Fire Access roads may be necessary to provide access to all portions of the buildings.

9. Work with staff to make the entrances to the auto courts as narrow as possible while allowing emergency vehicle access. Illustrate a truck turning exhibit.

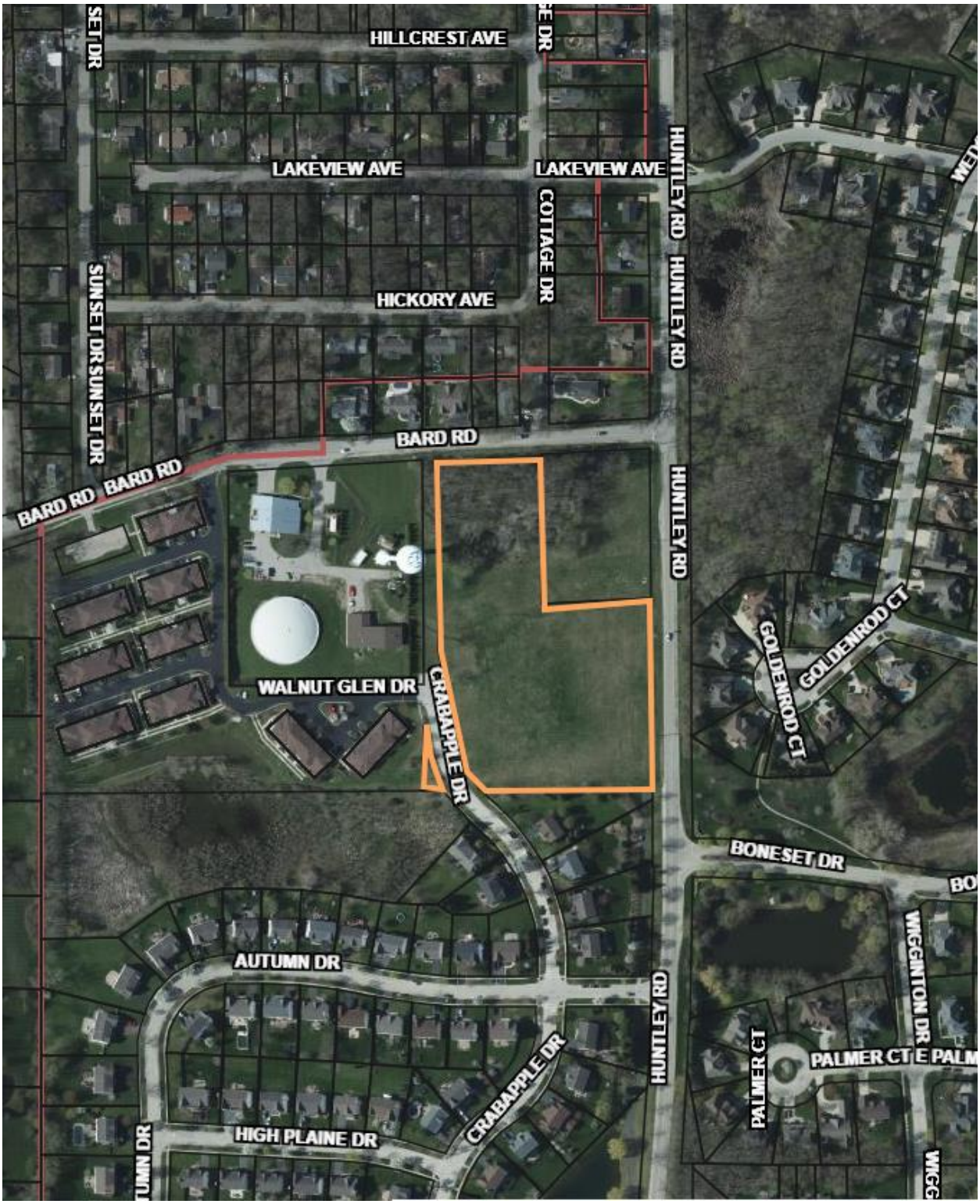
10. The petitioner shall address all of the review comments and requirements of the City Departments of Public Works, Fire Rescue, Engineering, and Community Development and the City's Stormwater Consultant.

11. Work with staff to follow up with Commonwealth Edison on the capacity of the grid.

12. Work with staff to find a garbage pickup solution.

13. Work with staff on the buildout plan for construction and share that.

PIQ MAP
1201 Bard Road



Ord. No.
File No.

**The City of Crystal Lake Illinois**

**AN ORDINANCE GRANTING A PRELIMINARY PLANNED UNIT DEVELOPMENT AND PRELIMINARY PLAT OF SUBDIVISION FOR 48 TOWNHOME DEVELOPMENT AT 1201 BARD ROAD**

WHEREAS, pursuant to the terms of a Petition (File #PLN-2023-93) before the Crystal Lake Planning and Zoning Commission, the Petitioner has requested a Preliminary Planned Unit Development and Preliminary Plat of Subdivision for a 48-unit townhome development for Derbyshire at 1201 Bard Road; and

WHEREAS, the Planning and Zoning Commission of the City of Crystal Lake, pursuant to notice duly published on September 28, 2023 in the Northwest Herald, held a public hearing at 7:00 p.m., on October 18, 2023, at City Hall at 100 W. Woodstock Street, Crystal Lake, Illinois to consider the proposed Preliminary Planned Unit Development and Preliminary Plat, and

WHEREAS, on October 18, 2023, the Planning and Zoning Commission, having fully heard and considered the testimony of all those present at the public hearing who wished to testify, made findings of fact as required by law and recommended to the Mayor and City Council of the City of Crystal Lake that the proposed Preliminary Planned Unit Development and Preliminary Plat of Subdivision be approved, as documented in the minutes, and

WHEREAS, it is in the best interests of the CITY OF CRYSTAL LAKE that the Preliminary Planned Unit Development and Preliminary Plat of Subdivision be issued as modified by the Planning and Zoning Commission.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE, McHENRY COUNTY, ILLINOIS, as follows:

Section I: That a Preliminary Planned Unit Development and Preliminary Plat of Subdivision for a 48-unit townhome development at the property commonly known as 1201 Bard Road (18-12-179-005), Crystal Lake, Illinois is hereby approved.

Section II: Said Preliminary Planned Unit Development and Preliminary Plat of Subdivision is issued with the following conditions:

1. Approved plans, reflecting staff and advisory board recommendations, as approved by the City Council:

Draft

A. Application (Kerrick, received 11/02/22)
B. Site Plan (Swanson, undated, received 10/09/23 and dated 07/27/23, received 09/07/23)
C. Landscape Plan (Gary Weber dated 08/16/23, received 09/07/23)
D. Engineering Plans (Advantage Consulting, dated 08/21/23, received 06/14/23)
E. Final Plat of Subdivision (Vanderstappen, undated, received 09/07/23)
F. Elevations (Unnamed, undated, received 09/07/23)

2. Architecture
   A. Two different color schemes shall be provided. Each two pack of buildings should display two color schemes so the development does not look monotonous. Provide revised elevations for review.

3. Landscape
   A. Increase landscape screening between this property and the commercial property to the northwest. Work with staff to add more material to provide a better buffer for the residents.
   B. Landscape islands need to be 8 feet wide by 19 feet in depth and at the ends of all parking rows and every 10 spaces. Increase the size of the islands and add where needed.
   C. Add landscape to screen the auto-courts.
   D. Provide the required 20-foot landscape buffer between this property and the single-family property to the south with 2 overstory trees and 6 understory trees and 6 shrubs every 100 feet.

4. Plat of Subdivision
   A. Provide a Final Plat of Subdivision with Condominium Ownership designation for review and approval.
   B. Provide the Covenants, Conditions, and Restrictions for staff review.
   C. Illustrate the Municipal Utility Easements on the plat.
   D. Include provisions for the stormwater management easement.

5. Provide lighting standards at permit to ensure the exterior lighting standards of the UDO are met.

6. Provide a detailed site plan illustrating the 30-foot required setback to any building projection or covered structure.

7. Provide a calculation of net density for Final Planned Unit Development review. Net density is calculated by removing any public or private drives or unbuildable areas such as wetlands and floodplains.

8. Illustrate fire hydrants and dimensions of fire truck access around the buildings. Fire Truck access needs to be within 150 feet of all portions of a building. Fire Access roads may be necessary to provide access to all portions of the buildings.

Draft

9. Work with staff to make the entrances to the auto courts as narrow as possible while allowing emergency vehicle access. Illustrate a truck turning exhibit.

10. The petitioner shall address all of the review comments and requirements of the City Departments of Public Works, Fire Rescue, Engineering, and Community Development and the City's Stormwater Consultant.

11. Work with staff to follow up with Commonwealth Edison on the capacity of the grid.

12. Work with staff to find a garbage pickup solution.

13. Work with staff on the buildout plan for construction and share that.

Draft

Section III: That the City Clerk be and is hereby directed to amend all pertinent records of the City of Crystal Lake to show the issuance of a Preliminary Planned Unit Development and Preliminary Plat of Subdivision for a 48-unit townhome development in accordance with the provisions of this Ordinance, as provided by law.

Section IV: That this Ordinance shall be in full force and effect from and after its passage, approval and publication as provide by law.

DATED at Crystal Lake, Illinois, this 21st day of November, 2023.

City of Crystal Lake, an
Illinois municipal corporation

_____
Haig Haleblian, MAYOR

SEAL

ATTEST:

_____
Nick Kachiroubas, CITY CLERK

Passed: November 21, 2023
Approved: November 21, 2023

# #2023-93 Derbyshire Townhomes
# 1201 Bard Road – Preliminary PUD and Plat of Subdivision for a Townhome Development
# Project Review for Planning and Zoning Commission

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**Meeting Date:** October 18, 2023

**Requests:** Preliminary Planned Unit Development and Preliminary Plat of Subdivision for a 48-unit townhome development.

**Location:** 1201 Bard Road

**Acreage:** Approximately 5 acres

**Existing Zoning:** R-3B PUD Multi-Family Residential

**Surrounding Properties:**

| | |
|---|---|
| North: | R-2 Single Family Residential |
| South: | R-1 PUD Single Family Residential |
| East: | B-1 PUD Neighborhood Commercial and east of Huntley Road R-1 PUD Single Family Residential |
| West: | E Estate (City Fire Station and Water Tower) and R-3B PUD Multi-Family Residential |

**Staff Contact**: Elizabeth Maxwell (815.356.3615)

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**Background:**

- The property is vacant and zoned R-3B Multi-Family Residential, which supports townhomes. It was originally part of the Bartley Square Development which was a mixed-use development with B-1 commercial on the corner and multi-family townhomes behind. Bartley Square had 38 townhomes and a 12,000 square foot retail building. The gross density was seven (7) units per acre. The properties were later sold separately and this petitioner is only developing the residential portion.
- The petitioner is proposing a 48-unit townhome development.
- Each unit would be available for ownership.

**Development Analysis:**

General

- Requests: A Preliminary Planned Unit Development and Preliminary Plat of Subdivision to construct 48 townhome units.
- Zoning: The site is zoned R-3B PUD Multi-Family Residential. This allows up to nine units per acre and is the appropriate zoning for townhomes.

- Land Use: The land use map shows the area as High Density Residential. This land use designation is appropriate for this use.
- Site Plan:
  - The site is broken up into three pods of buildings each with an access to a public roadway. The northern pod is made up of two six-unit buildings off Bard Road. The western pod contains four six-unit buildings accessed from Crabapple Drive. The eastern pod is the remaining two six-unit buildings, which are accessed from Huntley Road.
  - Per the petitioner, garbage will be picked up from roll cans located at the street and the garbage truck will not enter the site.
  - Amenities are centralized to the neighborhood with a dog park, tot lot, playing courts and open space.
  - The proposed development complies with the setback requirements.
  - Gross density has been provided at nine (9) units to the acre. Net density excluding roads and detention is required to be provided and comply with the nine dwelling units per acre.

- Landscape Plan:
  - The petitioner will be removing trees. The total inches removed is 59.6 inches. This would require 24 replacement trees.
  - Each building will have landscaping planted around the foundation for the homeowners.
  - Screening between the units and amenities, the roadways, and other uses will be critical. A condition has been added to enhance the landscape plan.
  - Landscape buffers are required between different uses.
    - The commercial property would need to provide a 40-foot buffer between their use and this lot. In order to provide some additional protection to the residents, a small buffer should be provided on the residential side.
    - A 20-foot landscape buffer is required between the townhomes and single-family residential. The townhomes are setback 50 feet from the single-family residential and the buffer can be achieved.

- Elevations:
  - The townhomes are a light grey color with medium grey trim and a medium shade red brick along the first floor. The petitioner stated they will provide a second color scheme of light grey. A condition has been added to provide elevations illustrating both color schemes.
  - The siding is horizontal Hardiboard siding and smooth textured Hardiboard siding. The petitioner shall provide materials with the final PUD elevations.

- The rear elevation garages project out two feet on some of the units to break up that rear elevation. There are also projections on the side elevations.
- The elevations **meet** the design standards.

- Engineering Plans:
  - Detention is provided on the south portion of the site.
  - Utilities will need to be extended through the site to loop the water main, provide fire hydrants and sprinkler systems to each building.

- Plat of Subdivision:
  - A plat of subdivision showing the eight townhome lots and two outlots has been provided.
  - Since each building is for sale a final plat of subdivision further delineating each unit as a separate lot is required.

**Findings of Fact:**

**Preliminary Planned Unit Development**

The petitioner is requesting approval of a Preliminary Planned Unit Development to allow the construction of a 48 townhome units. A Planned Unit Development is a Special Use and Special Uses require separate review because of their potential to impact surrounding properties and the orderly development of the City.

Section 2-400 B General Standards for all special uses in the Unified Ordinance establishes standards for all special uses in Crystal Lake. Briefly, the criteria are as follows:

1. The use is necessary or desirable, at the proposed location, to provide a service or facility which will further the public convenience and general welfare.
   ☒ *Meets* ☐ *Does not meet*

2. The use will not be detrimental to area property values.
   ☒ *Meets* ☐ *Does not meet*

3. The use will comply with the zoning districts regulations.
   ☒ *Meets* ☐ *Does not meet*

4. The use will not negatively impact traffic circulation.
   ☒ *Meets* ☐ *Does not meet*

5. The use will not negatively impact public utilities or municipal service delivery systems. If required, the use will contribute financially to the upgrading of public utilities and municipal service delivery systems.
   ☒ *Meets* ☐ *Does not meet*

6. The use will not negatively impact the environment or be unsightly.
   ☒ *Meets* ☐ *Does not meet*

7. The use, where possible will preserve existing mature vegetation, and provide landscaping and architecture, which is aesthetically pleasing, compatible or complementary to surrounding properties and acceptable by community standards.
   ☒ *Meets* ☐ *Does not meet*

8. The use will meet requirements of all regulating governmental agencies.
   ☒ *Meets* ☐ *Does not meet*

9. The use will conform to any conditions approved as part of the issued Special Use Permit.
   ☒ *Meets* ☐ *Does not meet*

10. The use will conform to the regulations established for specific special uses, where applicable.
    ☒ *Meets* ☐ *Does not meet*

In addition PUDs must also meet the standards in Section 4-500 C. Development Standards and 4-500 D. 1 Additional standards for Planned Unit Developments Residential PUDs.

1. Implements the vision and land use policies of the Comprehensive Plan.
   ☒ Meets ☐ Does not meet

2. Shall not result in substantial adverse effect on adjacent property, natural resources, infrastructure, public sites or other matter of public health, safety and welfare.
   ☒ Meets ☐ Does not meet

3. PUDs must provide transitional uses to blend with adjacent development.
   ☒ Meets ☐ Does not meet

4. PUD phases must be logically sequenced.
   ☒ Meets ☐ Does not meet

5. The density and intensity of a PUD shall be in accordance with the Comprehensive Plan.
   ☒ Meets ☐ Does not meet

6. All dimensional standards shall be listed within the PUD plan if they do not meet the Ordinance minimum standards.
   ☒ Meets ☐ Does not meet

7. The responsible parties for all on-site and other required public improvements shall be established and a utility plan indicating all proposed easements shall be provided.
   ☒ Meets ☐ Does not meet

8. Any private infrastructure shall comply with the city standards.
   ☒ Meets ☐ Does not meet

9. The PUD plan shall establish the responsibility of the applicant/developer.
☒ Meets ☐ Does not meet

10. A bond or letter of credit shall be posted to cover required fees or public improvements.
☒ Meets ☐ Does not meet

PRELIMINARY PLAT OF SUBDIVISION

The petitioner is requesting Preliminary Plat approval for nine lots. There are eight townhome lots and two outlots owned by the HOA. A Final Plat of Subdivision with the Condominium division of the units will be provided. Preliminary Plats are required to meet the following requirements:

a) Promote the health, safety, morals, convenience, order, prosperity and welfare of the present and future inhabitants of the City by providing for the orderly growth and development of the City;
☒ *Meets* ☐ *Does not meet*

b) Coordinating streets and roads within proposed subdivisions with the City's planned street system, and with other public facilities;
☒ *Meets* ☐ *Does not meet*

c) Providing right-of-way easements for streets and utilities;
☒ *Meets* ☐ *Does not meet*

d) Avoiding congestion and overcrowding, and encouraging the proper arrangement of streets in relation to existing or planned streets;
☒ *Meets* ☐ *Does not meet*

e) Ensuring there is adequate open space and recreation facilities to serve development;
☒ *Meets* ☐ *Does not meet*

f) Ensuring there is proper recordation of landownership records;
☒ *Meets* ☐ *Does not meet*

g) Installation of any public improvements including water, sewer, storm sewer or detention, parkway trees, and sidewalks;
☒ *Meets* ☐ *Does not meet*

h) Burial of overhead utility lines and all new lines and services in appropriate easements; and
☒ *Meets* ☐ *Does not meet*

i) Ensuring the provision of such other matters as the City Council may deem necessary in order to protect the general health, safety, and welfare of the City
☒ *Meets* ☐ *Does not meet*

**Comprehensive Land Use Plan 2030 Vision Summary Review:**

The Comprehensive Plan designates the subject property as Industry, which allows for existing and future manufacturing and service uses. The following goal is applicable to this request:

Land Use – Industry

**Goal: Supporting manufacturing uses within the community, which contribute to the regional and local economy and Crystal Lake's live, work, play philosophy.**

**Recommended Conditions:**

If a motion to recommend approval of the petitioner's request is made, it should be with the following conditions:

1. Approved plans, reflecting staff and advisory board recommendations, as approved by the City Council:
   A. Application (Kerrick, received 11/02/22)
   B. Site Plan (Swanson, undated, received 10/09/23 and dated 07/27/23, received 09/07/23)
   C. Landscape Plan (Gary Weber dated 08/16/23, received 09/07/23)
   D. Engineering Plans (Advantage Consulting, dated 08/21/23, received 06/14/23)
   E. Final Plat of Subdivision (Vanderstappen, undated, received 09/07/23)
   F. Elevations (Unnamed, undated, received 09/07/23)

2. Architecture
   A. Two different color schemes shall be provided. Each two pack of buildings should display two color schemes so the development does not look monotonous. Provide revised elevations for review.
   B. Wrap the balcony columns with brick.

3. Landscape
   A. Increase landscape screening between this property and the commercial property to the northwest. Work with staff to add more material to provide a better buffer for the residents.
   B. Landscape islands need to be 8 feet wide by 19 feet in depth and at the ends of all parking rows and every 10 spaces. Increase the size of the islands and add where needed.
   C. Add landscape to screen the auto-courts.
   D. Provide the required 20-foot landscape buffer between this property and the single-family property to the south with 2 overstory trees and 6 understory trees and 6 shrubs every 100 feet.

4. Plat of Subdivision
   A. Provide a Final Plat of Subdivision with Condominium Ownership designation for review and approval.
   B. Provide the Covenants, Conditions, and Restrictions for staff review.
   C. Illustrate the Municipal Utility Easements on the plat.
   D. Include provisions for the stormwater management easement.

5. Provide lighting standards at permit to ensure the exterior lighting standards of the UDO are met.

6. Provide a detailed site plan illustrating the 30-foot required setback to any building projection or covered structure.

7. Provide a calculation of net density for Final Planned Unit Development review. Net density is calculated by removing any public or private drives or unbuildable areas such as wetlands and floodplains.

8. Illustrate fire hydrants and dimensions of fire truck access around the buildings. Fire Truck access needs to be within 150 feet of all portions of a building. Fire Access roads may be necessary to provide access to all portions of the buildings.

9. Narrow the turning radii into the auto courts to a maximum of 10 feet. The design should slow vehicles down as this is a residential area with kids that could be playing in the courts and vehicles backing out of garages.

10. The petitioner shall address all of the review comments and requirements of the City Departments of Public Works, Fire Rescue, Engineering, and Community Development and the City's Stormwater Consultant.

**City of Crystal Lake**
**Development Application**
**Ownership Sign-off Acknowledgement Form**

The following information is related to a development application. As the owner of the property in question, I (we) acknowledge that the information provided in the submittal was reviewed and approved.

## Owner Information

Name: Current title holder is Chicago Title Land Trust Co., Trust 79-191, Sandra Kerrick, an owner

Address: 710-3 St. Andrews Lane

Crystal Lake, IL 60014

Phone: 815-477-0830

E-mail: skerrick@waggonerlawfirm.com

Project Name & Description: CRYSTAL POINTE ROW HOMES

48 two-story townhomes with 134-car parking, including 96

individual garages with a dog park, pickle board court, children's playground, gazebo

and recreation area

Project Address/Location: Southwest of Bard and Huntley Roads, on both roads

## Signature

Sandra Kerrick Sandra Kerrick November 10, 2022

Owner: Print and Sign name Date

NOTE: If the property is held in a trust, the trust officer must sign this petition as owner. In addition, the trust officer must provide a letter that names all beneficiaries of the trust.

# Design Concept – Derbyshire Townhomes

Derbyshire is a Luxury 48 Unit Townhome Community that consists of 3 “Villages”, one at each of 3 major street frontages. The “Villages” are positioned around a large amenity area with a “Dog Park” plus Basketball and Pickle Ball Courts, a Children's Play Area, and a Gazebo with a Bar-B-Que and Picnic Area.

The individual 2-story, 1,800 SF unit consists of a 2-car garage, a desirable First Floor Master Bedroom Suite, and a 2nd Floor with 2 Bedrooms (or 1 Bedroom and 1 Office) and a “Great Room” with an Open Kitchen.

Amenities include a Washer/Dryer, a Private Patio & Balcony. Upscale finishes include Hardwood Floors in the Living Areas, with Top-of-the-Line Kitchen Appliances and Quartz countertops. Exterior finishes are low to “no maintenance” Hardie Board Siding and Face Brick. An HOA will ensure all exterior building maintenance as well as Common Area Maintenance.

At Selling Prices between $350,000 to $390,000, Derbyshire Townhomes will be one of Crystal Lakes' finest Residential Developments and an outstanding place to call home.

**CRYSTAL LAKE PLANNING AND ZONING COMMISSION**
**WEDNESDAY, OCTOBER 18, 2023**
**HELD AT THE CRYSTAL LAKE CITY COUNCIL CHAMBERS**

The meeting was called to order by Mr. Greenman at 7:00 p.m.

**CALL TO ORDER**
On roll call, members, Greenman, Gronow, Mason, Skluzacek, Smith and Teetsov and were present.

Elizabeth Maxwell, City Planner, Katie Rivard, Assistant City Planner, and Abigail Wilgreen, City Engineer, were present from Staff.

Mr. Greenman said this meeting is being recorded for broadcast and future playback on the City's cable channel. He led the group in the Pledge of Allegiance.

**2023-93 – 1201 BARD ROAD – DERBYSHIRE TOWNHOMES – PRELIMINARY PLANNED UNIT DEVELOPMENT AND PRELIMINARY PLAT OF SUBDIVISION** – PUBLIC HEARING
A Preliminary Planned Unit Development and Preliminary Plat of Subdivision to allow a new 48-unit townhome development.

Tom Burney, legal counsel, Paul Swanson, developer, Sandra Kerrick, owner were present to represent the petition. Mr. Burney went through the presentation highlighting the site plan with the small pods of townhomes to break up the access concerns. This also allowed the increase in amenities and to centralize them to the community, which was one of the Commission's request from the conceptual. This site has been vacant for a long time and townhomes will be a good use and very desirable to prospective residents. These are rear loaded through private auto courts.

Mr. Burney went through the findings of fact and explained how they are meeting them. The project will not be detrimental to property values, the density is consistent with what the ordinance allows, and there will be no impact on the road network. There is a lot of landscape.

Ms. Kerrick spoke about the long history of the property.

Mr. Burney noted they disagree with conditions 2b and 9.

Mr. Greenman opened the public hearing.

Mr. Dave Engel, 1032 Wheatland Drive, was okay with multi-family, but did not want to see two-stories. These would be looking down into the homes to the south.

Mr. Frank Guliano, 1222 Bard Road said the sewer and water will affect the neighborhood and this will put an extra stress on the electrical grid. There will be an impact on his taxes and traffic in the area. Any

of the units facing north along Bard Road could create glare off the windows that would shine towards his house. The removal of the trees will be a loss of habitat for the deer. He is worried about flooding from the added development. He was concerned with construction noise and dust and wondered if the petitioner had a construction schedule.

Ms. Jackie Stinson, 1200 Walnut Glen Drive said her front door will face in and out traffic of over 100 cars. This is on a dead end street near Crabapple Drive.

Ms. Georgeann Koster, 7219 Huntley Road, explained that it currently takes her five minutes to get out of her driveway due to the traffic on Huntley Road. If they are adding more cars they should put a traffic signal at Ackman and Huntley Roads. The water flows across this property into the Wedgewood subdivision. They wanted to have lots of little ponds and she contacted the Army Corps and the developer needed to redesign the detention which is basically a three story deep lake to handle the water. The City's Engineering Division did some improvements and they assured her it would be put back the way it was, and the culvert was not, she now gets flooding in her yard.

Mr. John Vogelman, 773 Crabapple Drive, said six years ago Walnut Glen put up a gate, which stopped their traffic from going through their neighborhood. He does not want these residents to have access to Crabapple Drive. He has safety concerns and concerns about the water.

Maria Radwan, 1208 Walnut Glen Drive, was concerned with the density and the number of units proposed. This is more than what was previously going to go there. They should put up a traffic signal. The City needs to resurface Crabapple Drive. Ms. Wilgreen said that city staff reviews roadway surfaces and grades them to determine if they need repairs.

Mr. Tim Buckley, 1228 Walnut Glen Drive, is the president of the Crabapple homeowner's association. Last time they were showing only 41 units built on more land. This density is too high. There will be flooding and too much traffic. The summer traffic of people going to the lake is crazy. He does not want commercial in the area.

Mr. Trent Eckhart, 8617 Hickory Avenue, said he like the open field with the deer.

Mr. Scott Hartman, 1109 Autumn Drive, said he is on the Unit 3 Board. He noted that the speakers before him had very important points especially traffic and the water flowing downstream.

Mr. Nick Falco, 1163 Autumn Drive, is also on the Board. He does not want them driving on Crabapple Drive. There are kids in the neighborhood and people will be running stops sign killing kids.

There being no one else who wished to speak on this request, Mr. Greenman closed the public hearing and turned it over to staff.

Staff provided a summary of the request and showed the differences between the former approved PUD and this request. Staff noted the petitioner is not requesting any variations. Staff went through the two conditions the petitioner is objecting to and proposed some new language for number 9.

The petitioner replied to the public comments. Mr. Swanson said he is working on finalizing the stormwater plan and will have that with the Final PUD. The development will not be constructed until it meets all the codes including stormwater. Mr. Burney trusts staff to do a superior job when reviewing the plans.

Mr. Burney noted that the PUD allows for variations. They meet the density outlined in the UDO for the zoning district. The good thing about the site plan is that the units will be distributed among three streets, which will break up any traffic. He said it would be unfair to assume drivers from this neighborhood would disobey traffic laws. He has been a renter for almost his entire life and that is okay. These would not be rental units and will be owner occupied.

The petitioners explained the traffic distribution and why the site plan was designed the way it was. Access through the site would be difficult and divide up the amenities, a road to the south would affect their detention, the commercial lot is to the northeast so the remaining shape of the lot lends itself to this layout. They will extend the bike path north.

Mr. Swanson noted there are two-story homes in the area so this will not be out of character. He said the property values will increase from this project as these homes will have a high value. Also the zoning is not changing so anyone who was looking or purchased in the area knew this was zoned for multi-family.

Mr. Burney said that at one time where the public lived was natural habitat. It would be nice to save open space for the animals, but people are looking to move into the area. They will work with staff on the construction plan.

Staff addressed the other public comments regarding stormwater, the traffic signal, and density. Staff explained that they are a certified stormwater community and the basins would be designed to meet all codes. There would be a restrictor on the outflow. An outside consultant reviews all stormwater plans. The roadways can handle the traffic especially since it is distributed to three different roads. Ackman is a McHenry County Department of Transportation road and they did a feasibility study a while back. The density meets what is permitted in the ordinance.

Mr. Smith stated, as an engineer he knows that the engineering requirements are what they are and they will need to meet them. He asked staff to pull up the conceptual plan to compare the two. He thinks the isolated pods are a better layout especially because in the former plan the public road took up a lot of space. The amenities will add to the quality of life.

Ms. Mason asked if there can be a blend of single family and multi-family. The petitioner said no due to the amount of space needed for yards and driveways it would not work with the plan. She also asked about the length of construction. He said it could be two phases and 24 months.

Ms. Teetsov asked about the comment about the roadway sinking. Staff stated that roads are continually evaluated for structure and if repairs are needed. She likes that there will be two color schemes and hopes a third can be added to give additional variety and maybe black trim around the windows.

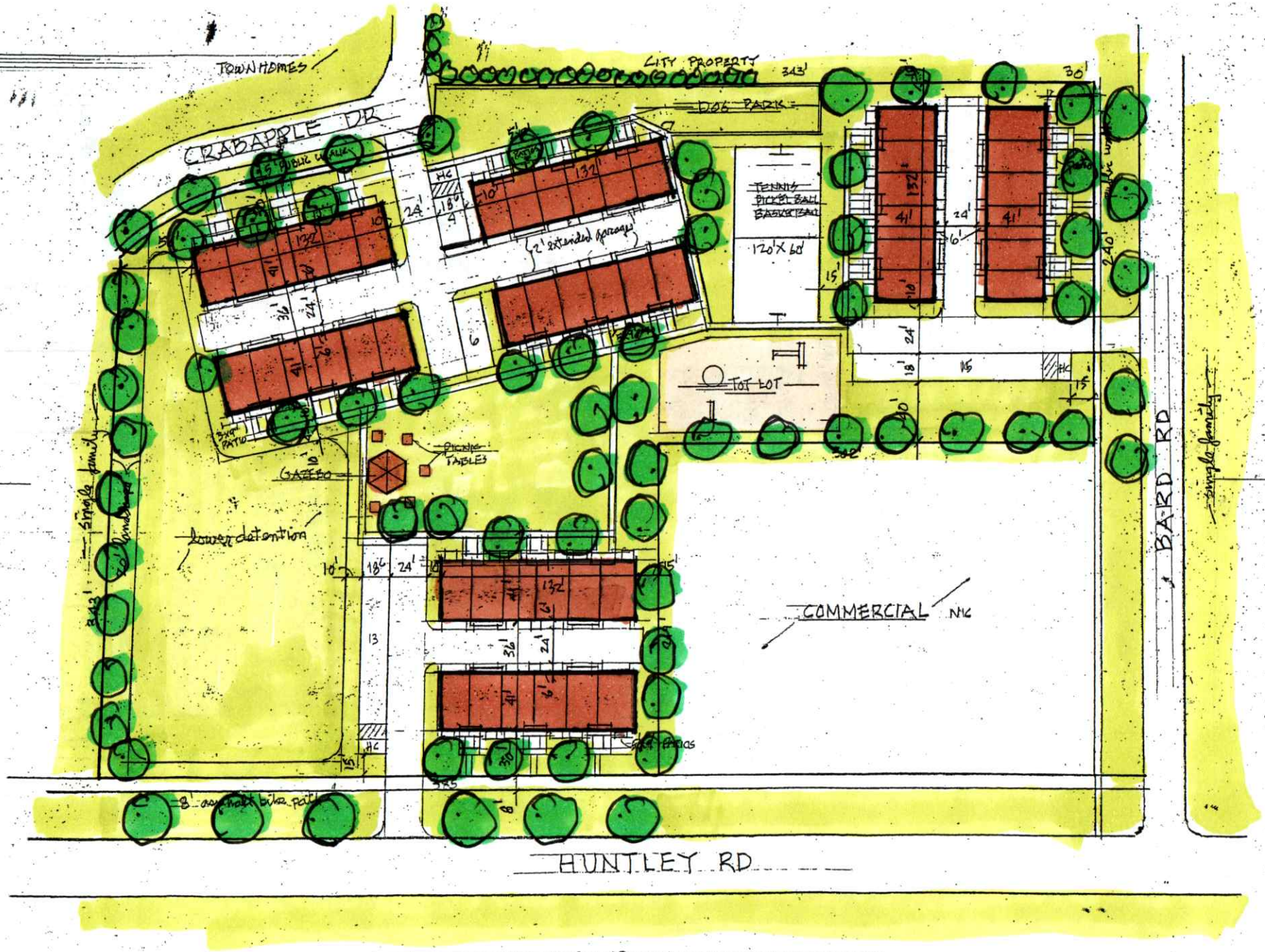
Mr. Gronow did appreciate the additional amenities. He did not think this would add significant traffic to Bard or Huntley Roads. He asked about the garbage pick-up on the main roads. The petitioner explained the process.

Mr. Skluzacek appreciated the changes and noted the request meets the requirements.

Mr. Greenman said this is a quality plan. The PUD is okay, but he does not want to see access onto Crabapple Drive. He asked the petitioner to work on the garbage pickup as that did not seem like a good solution.

Ms. Teetsov said she was concerned with the garbage pickup. She also asked how school busses would access the site.

Mr. Smith made a motion to approve 2023-93 for the Preliminary Planned Unit Development and Preliminary Plat of Subdivision to allow a new 48-unit townhome development with the removal of condition 2b and to allow the brackets, the rewording to 9 to "work with staff to make the entrances to the auto courts as narrow as possible while allowing emergency vehicle access. Illustrate a truck turning exhibit." He also added conditions number 10 to "work with staff to follow up with ComEd on the capacity of the grid, number 11 to "work with staff to find a garbage pickup solution," and number 12 to "work with staff on the buildout plan for construction." Mr. Skluzacek seconded the motion. On roll call, Members Gronow, Mason, Smith, Skluzacek, and Teetsov voted yes. Greenman voted no. Motion passed 5-1.

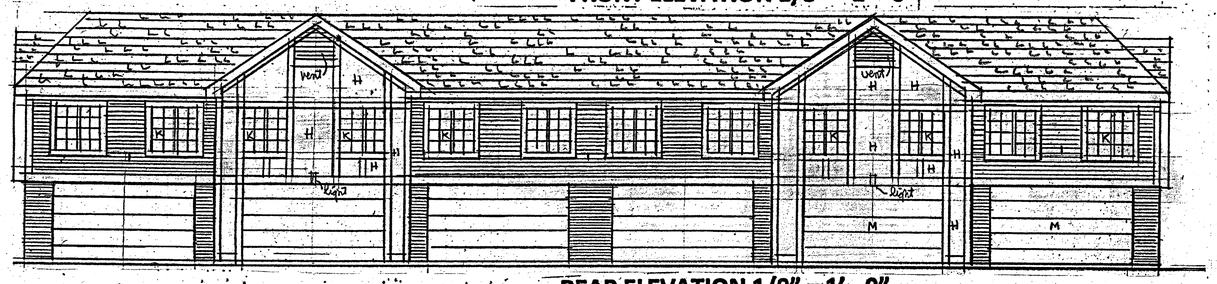



# SITE PLAN

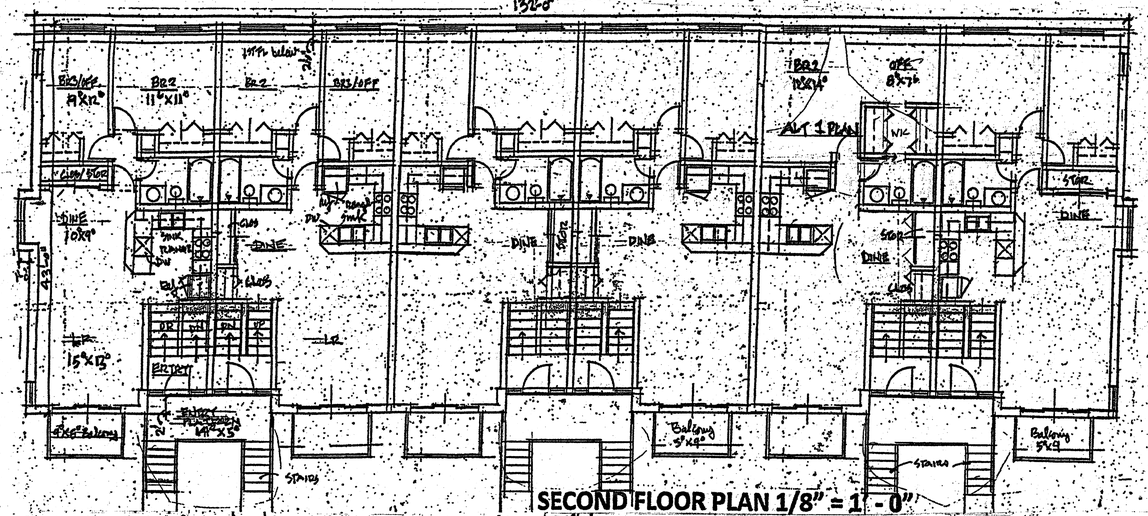
# DERBYSHIRE TOWNHOMES



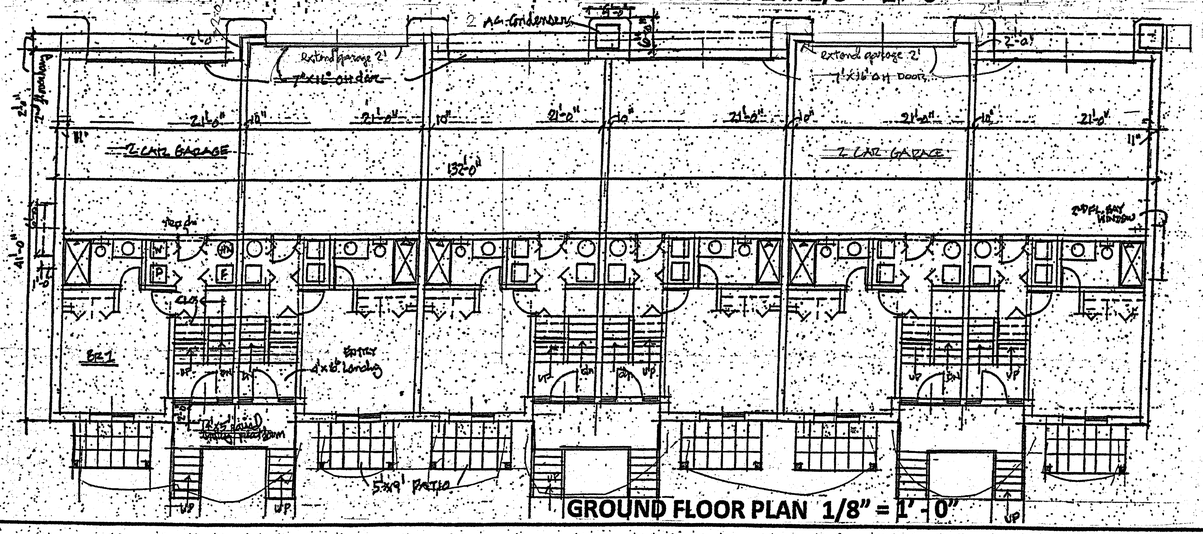
FRONT ELEVATION 1/8" = 1' - 0"



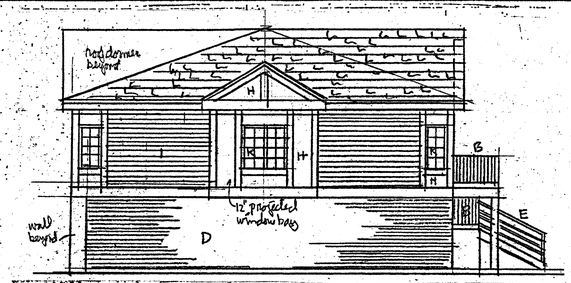
REAR ELEVATION 1/8" = 1' - 0"



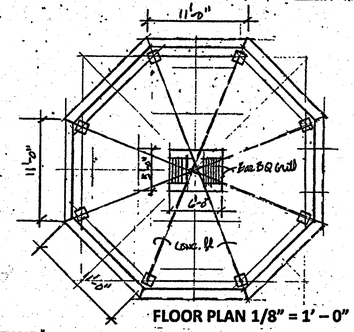
SECOND FLOOR PLAN 1/8" = 1' - 0"



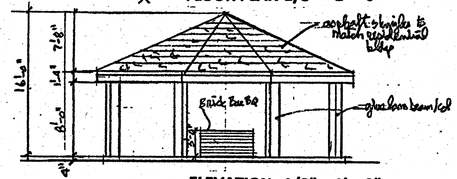
GROUND FLOOR PLAN 1/8" = 1' - 0"



SIDE ELEVATION 1/8" = 1' - 0"

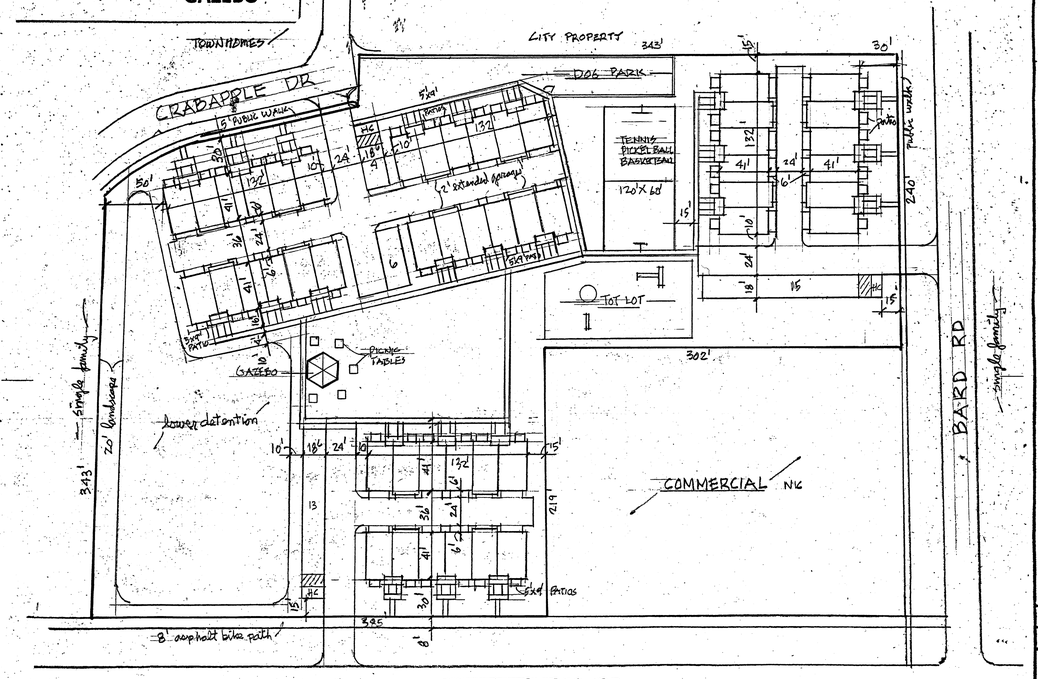


FLOOR PLAN 1/8" = 1' – 0"



ELEVATION 1/8" = 1' – 0"

GAZEBO



SITE PLAN 1" = 60'

**EXTERIOR BUILDING MATERIALS**

A. Entry Doors and Glass Store Front with Dividers
B. Balcony with Painted Metal Railings
C. Sliding Glass Doors
D. Face Brick
E. Metal Stairs
F. Painted Wood Trim and Fascia Boards
G. Wood Balcony Support Posts with Brackets
H. Hardie Board with Smooth Textured Siding
I. Hardie Board Horizontal Siding
J. Hardie Board Shake Siding
K. Windows and Dividers
L. Asphalt Shingles
M. 7 x 16 Panelized Fiberglass Overhead Garage Doors

**Project Data**

| | |
|---|---|
| Land Area | 5.3 Acres (229,400 SF) |
| Building Area | 11,088 SF Building x 8 = 88,704 SF |
| FAR | 37% |
| Building Coverage | 19% (43,296 SF / 229,400 SF) |
| Total Impervious | 32% |
| # DU | 48 DU (9 DU/AC) |
| Parking | Garage 96 + Exterior 41 = 137 Cars (2.9 cars/DU) (108 required) |

**Crystal Pointe ROW Homes**
**Development Concept**

To develop 48 2-Story ROW Homes each with a Private Patio and Balcony with amenities such as a Children's Play Ground, Pickle Ball Court, Fenced Dog Park, Gazebo, and Recreation/Picnic Area on 5.3 Acres. Interior finishes include a Washer and Dryer in each unit with Granite Kitchen Counters, Top of the Line Kitchen and Bath Cabinets, and Top-Grade Kitchen Appliances. Each unit has a 2-car garage.


Architectural Services
Arthur Swanson & Associates, Inc.
10500 WEST LUNT AVENUE • ROSEMONT, ILLINOIS 60018
Phone: (708) 635-6111 • FAX: (708) 635-6926


# DERBYSHIRE TOWNHOMES

SWQ BARD RD & HUNTLEY RD
CRYSTAL LAKE, IL

DATE 7/27/23
JOB NO.
SHEET NO

A1

# Preliminary Landscape Plan

# DERBYSHIRE

## Crystal Lake, IL

August 16, 2023

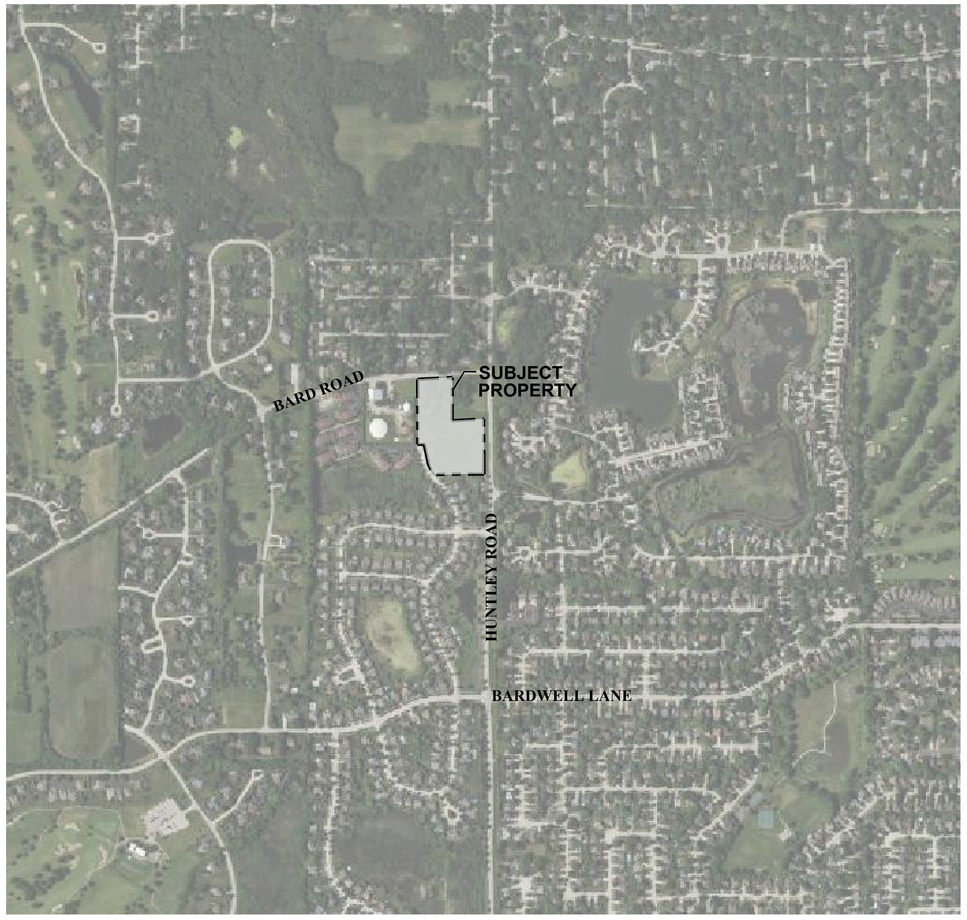
## CONSULTANTS:


LANDSCAPE ARCHITECT:

GARY R. WEBER ASSOCIATES, INC
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187

CONSULTANT:

ADVANTAGE CONSULTING ENGINEERS
80 MAIN STREET, SUITE 17
LEMONT, IL 60439


LOCATION MAP

SCALE: 1"=500'

## INDEX OF SHEETS


| SHEET NO. | DESCRIPTION |
|---|---|
| 0 | COVER SHEET |
| 1 | LANDSCAPE PLAN |
| 2 | FOUNDATION LANDSCAPE PLAN |
| 3 | TREE PRESERVATION PLAN |
| 4 | TREE INVENTORY |

# REPRESENTATIVE PLANT LIST

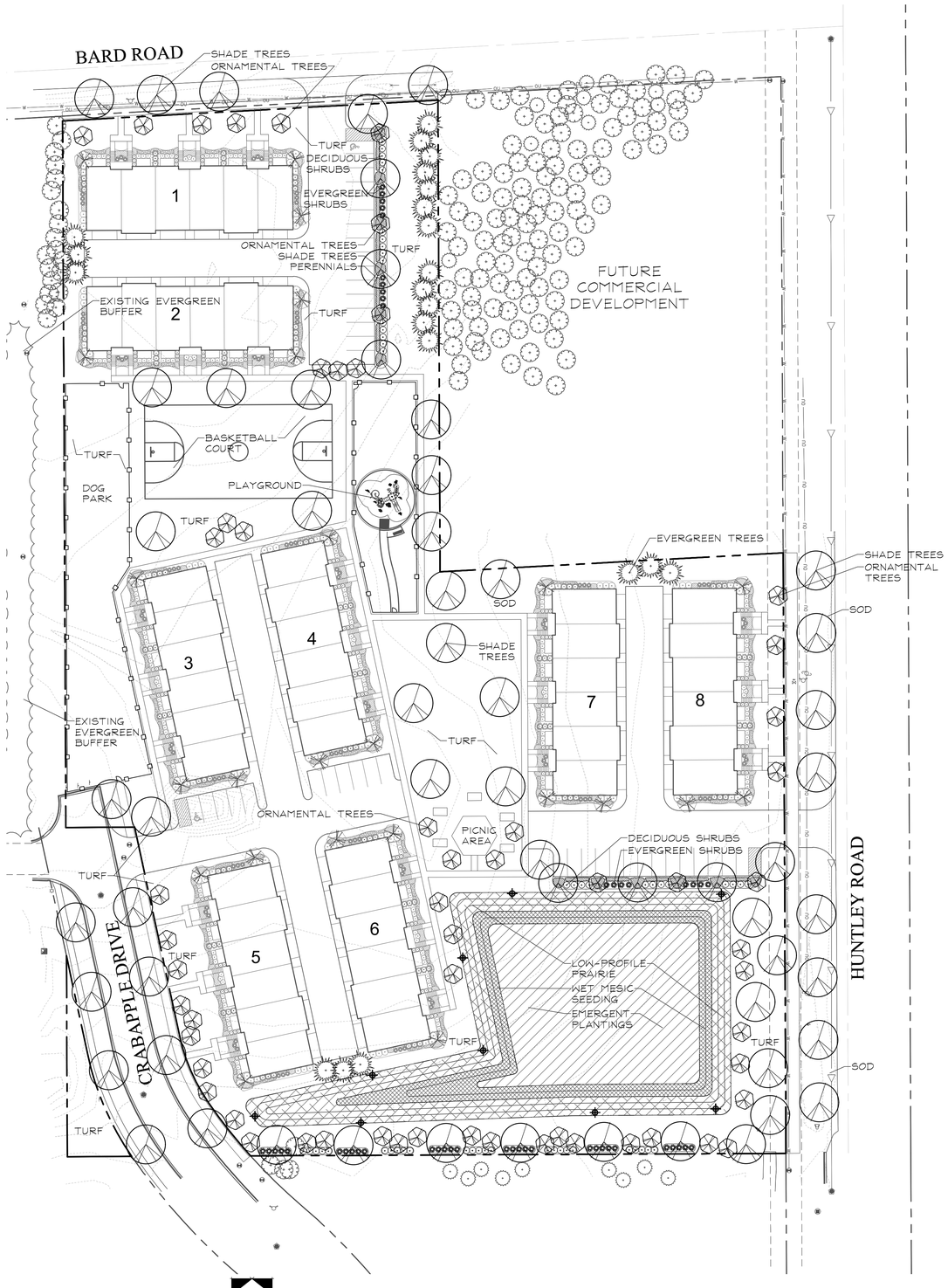
| Key | Botanical/Common Name | Size | Remarks |
|---|---|---|---|
| | **SHADE TREES** | | |
| | Acer x freemanii 'Jeffer's Red'<br>AUTUMN BLAZE MAPLE | 2 1/2" Cal. | |
| | Acer x saccharum 'Green Mountain'<br>GREEN MOUNTAIN SUGAR MAPLE | 2 1/2" Cal. | |
| | Celtis occidentalis<br>COMMON HACKBERRY | 2 1/2" Cal. | |
| | Gleditsia triacanthos var. inermis 'Skycole'<br>SKYLINE HONEYLOCUST | 2 1/2" Cal. | |
| | Quercus bicolor<br>SWAMP WHITE OAK | 2 1/2" Cal. | |
| | Quercus macrocarpa<br>BUR OAK | 2 1/2" Cal. | |
| | Tilia americana 'Redmond'<br>REDMOND AMERICAN LINDEN | 2 1/2" Cal. | |
| | Tilia cordata 'Greenspire'<br>GREENSPIRE LITTLELEAF LINDEN | 2 1/2" Cal. | |
| | Ulmus carpinifolia 'New Horizon'<br>NEW HORIZON SMOOTHLEAF ELM | 2 1/2" Cal. | |
| | **ORNAMENTAL TREES** | | |
| | Amelanchier x grandiflora<br>APPLE SERVICEBERRY | 6' Ht. | Multi-Stem |
| | Betula nigra 'Cully'<br>HERITAGE RIVER BIRCH | 6' Ht. | Multi-Stem |
| | Cercis canadensis<br>EASTERN REDBUD | 6' Ht. | Multi-Stem |
| | Malus 'Prairifire'<br>PRAIRIFIRE CRABAPPLE | 6' Ht. | Multi-Stem |
| | Syringa reticulata 'Ivory Silk'<br>IVORY SILK JAPANESE TREE LILAC | 6' Ht. | Multi-Stem |
| | **EVERGREEN TREES** | | |
| | Abies concolor<br>WHITE FIR | 8' Ht. | |
| | Picea abies<br>NORWAY SPRUCE | 8' Ht. | |
| | Picea glauca var. densata<br>BLACK HILLS SPRUCE | 8' Ht. | |
| | Picea omorika<br>SERBIAN SPRUCE | 8' Ht. | |
| | Pinus strobus<br>EASTERN WHITE PINE | 8' Ht. | |
| | **DECIDUOUS SHRUBS** | | |
| | Cornus sericea 'Bailey'<br>BAILEY'S REDTWIG DOGWOOD | 36" Tall | 5' O.C. |
| | Hydrangea paniculata 'SMHPLGF'<br>LITTLE QUICK FIRE HYDRANGEA | 24" Tall | 3' O.C. |
| | Itea virginica 'Little Henry'<br>LITTLE HENRY VIRGINIA SWEETSPIRE | 24" Tall | 3' O.C. |
| | Physocarpus opulifolius 'Seward'<br>SUMMER WINE NINEBARK | 30" Tall | 4' O.C. |
| | Rhus aromatica 'Gro-low'<br>GRO-LOW SUMAC | 24" Wide | 4' O.C. |
| | Syringa meyeri 'Palabin'<br>DWARF KOREAN LILAC | 24" Tall | 4' O.C. |
| | Viburnum x juddii<br>JUDD VIBURNUM | 36" Tall | 4' O.C. |
| | Weigela florida 'Bramwell'<br>FINE WINE WEIGELA | 24" Tall | 3' O.C. |
| | **EVERGREEN SHRUBS** | | |
| | Juniperus chinensis 'Kallays Compact'<br>KALLAYS COMPACT PFITZER JUNIPER | 24" Wide | 4' O.C. |
| | Juniperus chinensis 'Sea Green'<br>SEA GREEN JUNIPER | 30" Wide | 5' O.C. |
| | Taxus x media 'Densiformis'<br>DENSE YEW | 24" Wide | 4' O.C. |
| | **PERENNIALS AND ORNAMENTAL GRASSES** | | |
| | Allium 'Summer Beauty'<br>SUMMER BEAUTY ONION | #1 | 18" O.C. |
| | Calamagrostis x acutiflora 'Karl Foerster'<br>FEATHER REED GRASS | #1 | 30" O.C. |
| | Echinacea 'CBG Cone 2'<br>PIXIE MEADOWBRITE CONEFLOWER | #1 | 18" O.C. |
| | Hemerocallis 'Happy Returns'<br>HAPPY RETURNS DAYLILY | #1 | 18" O.C. |
| | Nepeta racemosa 'Walker's Low'<br>WALKER'S LOW CATMINT | #1 | 18" O.C. |
| | Panicum virgatum 'Heavy Metal'<br>HEAVY METAL SWITCHGRASS | #1 | 24" O.C. |
| | Perovskia atriplicifolia<br>RUSSIAN SAGE | #1 | 24" O.C. |
| | Schizachyrium scoparium 'Twilight Zone'<br>TWILIGHT LITTLE BLUESTEM | #1 | 24" O.C. |
| | Sporobolus heterolepis<br>PRAIRIE DROPSEED | #1 | 24" O.C. |
| | **GROUNDCOVERS** | | |
| | Liriope spicata<br>CREEPING LILYTURF | #SP4 | 18" O.C. |
| | Vinca minor 'Dart's Blue'<br>DART'S BLUE PERIWINKLE | #SP4 | 12" O.C. |

## NATIVE AREA LEGEND

| Key | Description |
|---|---|
| | EMERGENT PLANTINGS |
| | WET MEADOW SEED MIX & EROSION CONTROL BLANKET |
| | LOW PROFILE PRAIRIE SEED MIX & EROSION CONTROL BLANKET |
| | NATIVE AREA SIGN |

## GENERAL NOTES

1. Contractor shall verify underground utility lines and is responsible for any damage.
2. Contractor shall verify all existing conditions in the field prior to construction and shall notify landscape architect of any variance.
3. Material quantities shown are for contractors convenience only. The Contractor must verify all material and supply sufficient materials to complete the job per plan.
4. The landscape architect reserves the right to inspect trees and shrubs either at place of growth or at site before planting, for compliance with requirements of variety, size and quality.
5. Work shall conform to American Standard for Nursery Stock, State of Illinois Horticultural Standards, and Local Municipal requirements.
6. Contractor shall secure and pay for all permits, fees, and inspections necessary for the proper execution of this work and comply with all codes applicable to this work.
7. See General Conditions and Specifications for landscape work for additional requirements.





GARY R. WEBER ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197
www.gwainc.com


CLIENT
**EQUITY TRUST COMPANY F/B/O PAUL SWANSON IRA**
401 E. PROSPECT AVE., SUITE 201
MT. PROSPECT, IL 60056

ENGINEER
**ADVANTAGE CONSULTING ENGINEERS**
80 MAIN STREET, SUITE 17
LEMONT, IL 60439

# DERBYSHIRE
CRYSTAL LAKE, IL 60014

## LANDSCAPE PLAN

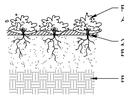
**REVISIONS**

| | |
|---|---|
| DATE | 08.16.2023 |
| PROJECT NO. | PSW2308 |
| DRAWN | CLE |
| CHECKED | DHS |
| SHEET NO. | 1 OF 4 |

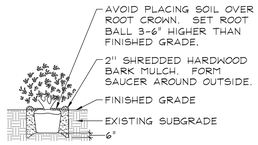
Know what's below. Call before you dig.


XREFS
PLOT CONFIG

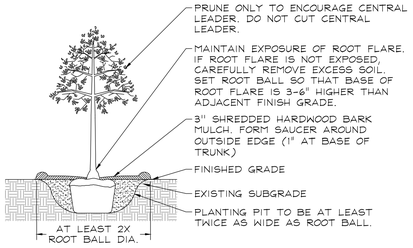
# PLANTING DETAILS



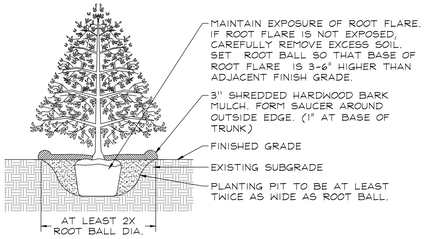

**PERENNIALS AND GROUNDCOVERS**
NOT TO SCALE



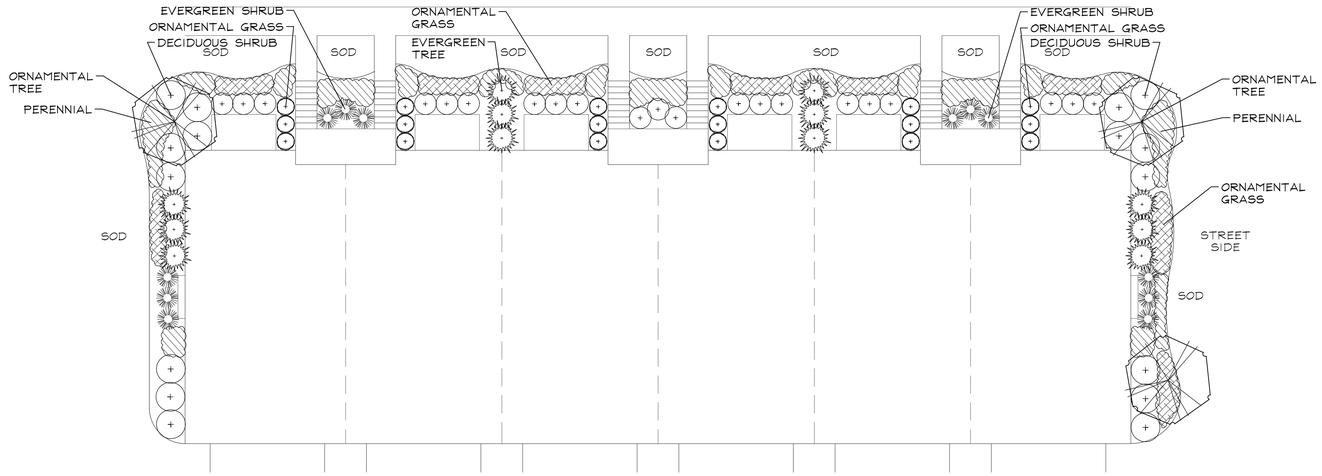

**DECIDUOUS AND EVERGREEN SHRUBS**
NOT TO SCALE




**DECIDUOUS TREES**
NOT TO SCALE




**EVERGREEN TREES**
NOT TO SCALE




# REPRESENTATIVE PLANT LISTS

## TYPICAL ROW HOME FOUNDATION PLANT LIST A

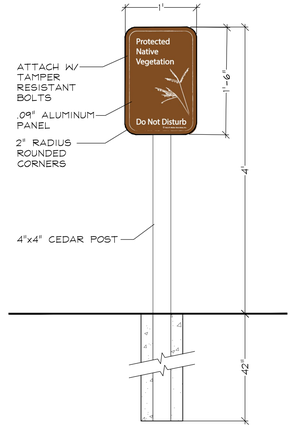
| Key | Qty | Botanical/Common Name | Size | Remarks |
|---|---|---|---|---|
| | | ORNAMENTAL TREES | | |
| | | Amelanchier grandiflora<br>APPLE SERVICEBERRY | 6' Tall | Clump form |
| | | Cercis canadensis<br>EASTERN REDBUD | 6' Tall | Clump form |
| | | DECIDUOUS SHRUBS | | |
| | | Hydrangea paniculata 'Bulk'<br>QUICKFIRE HYDRANGEA | 30" Tall | 4' O.C. |
| | | EVERGREEN TREES / SHRUBS | | |
| | | Taxus x media 'Densiformis'<br>DENSE YEW | 24" Wide | 3' O.C. |
| | | Thuja accidentalis 'Smaragd'<br>EMERALD GREEN ARBORVITAE | 4' Tall | 4' O.C. |
| | | PERENNIALS | | |
| | | Hosta 'Sum and Substance'<br>SUM AND SUBSTANCE HOSTA | #1 | 18" O.C. |
| | | Hemerocallis 'Happy Returns'<br>HAPPY RETURNS DAYLILY | #1 | 18" O.C. |
| | | Huechera 'Cherry Truffles'<br>CHERRY TRUFFLE CORALBELLS | #1 | 18" O.C. |
| | | ORNAMENTAL GRASSES | | |
| | | Pennisetum alopecuroides 'Hameln'<br>DWARF FOUNTAIN GRASS | #1 | 18" O.C. |
| | | Calamagrostis acutiflora 'Karl Foerster'<br>FEATHER REED GRASS | #1 | 24" O.C. |
| | | MISC. MATERIALS | | |
| | | SHREDDED HARDWOOD MULCH | C.Y. | |
| | | RIVER ROCK 2" DEPTH | S.Y. | |

## TYPICAL ROW HOME FOUNDATION PLANT LIST B

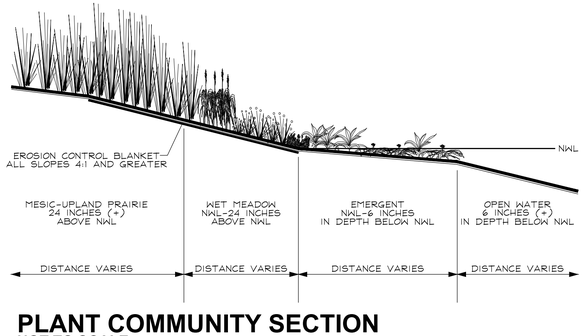
| Key | Qty | Botanical/Common Name | Size | Remarks |
|---|---|---|---|---|
| | | ORNAMENTAL TREES | | |
| | | Malus x 'Red Jewel'<br>RED JEWEL CRABAPPLE | 6' Tall | Clump form |
| | | Magnolia stellata 'Royal Star'<br>ROYAL STAR MAGNOLIA | 6' Tall | Clump form |
| | | DECIDUOUS SHRUBS | | |
| | | Syringa patula 'Miss Kim'<br>MISS KIM LILAC | 30" Tall | 4' O.C. |
| | | EVERGREEN TREES / SHRUBS | | |
| | | Taxus x media 'Densiformis'<br>DENSE YEW | 24" Wide | 3' O.C. |
| | | Thuja accidentalis 'Smaragd'<br>EMERALD GREEN ARBORVITAE | 4' Tall | 4' O.C. |
| | | PERENNIALS | | |
| | | Hosta Patriot'<br>PATRIOT HOSTA | #1 | 18" O.C. |
| | | Hemerocallis 'Little Wine Cup'<br>LITTLE WINE CUP DAYLILY | #1 | 18" O.C. |
| | | Salvia nemorosa 'May Night'<br>MAY NIGHT SALVIA | #1 | 18" O.C. |
| | | ORNAMENTAL GRASSES | | |
| | | Sesleria autumnalis<br>AUTUMN MOOR GRASS | #1 | 18" O.C. |
| | | Panicum virgatum 'Northwind'<br>NORTHWIND SWITCHGRASS | #1 | 24" O.C. |
| | | MISC. MATERIALS | | |
| | | SHREDDED HARDWOOD MULCH | C.Y. | |
| | | RIVER ROCK 2" DEPTH | S.Y. | |

SIGN NOTES:

1. SIGN BACKGROUND COLOR:
   C=40, M=70, Y=100, K=28
   SIGN FONT AND GRAPHIC COLOR: WHITE
2. FONT STYLE: MYRIAD PRO
   FONT SIZE: 116 PT.
3. SIGN ARTWORK SHALL BE PROVIDED BY GARY R. WEBER ASSOCIATES, INC.
4. CONTRACTOR TO SUBMIT SHOP DRAWING AND COLOR SAMPLE FOR THE PROTECTED NATIVE VEGETATION SIGN FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO FABRICATION AND INSTALLATION.




**NATURALIZED AREA SIGNAGE**
NOT TO SCALE




**PLANT COMMUNITY SECTION**
NOT TO SCALE


GARY R. WEBER ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197
www.grwainc.com


CLIENT
**EQUITY TRUST COMPANY F/B/O PAUL SWANSON IRA**
401 E. PROSPECT AVE., SUITE 201
MT. PROSPECT, IL 60056

ENGINEER
**ADVANTAGE CONSULTING ENGINEERS**
80 MAIN STREET, SUITE 17
LEMONT, IL 60439

# DERBYSHIRE
CRYSTAL LAKE, IL 60014

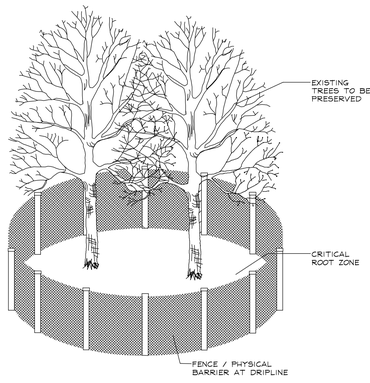
# FOUNDATION LANDSCAPE PLAN

**REVISIONS**

**DATE** 08.16.2023
**PROJECT NO.** PSW2308
**DRAWN** CLE
**CHECKED** DHS
**SHEET NO.**
**2 OF 4**

Know what's below. Call before you dig.

XREFS:
PLOT CONFIG:




## TREE PRESERVATION DETAIL

(NOT TO SCALE)
SEE NOTES

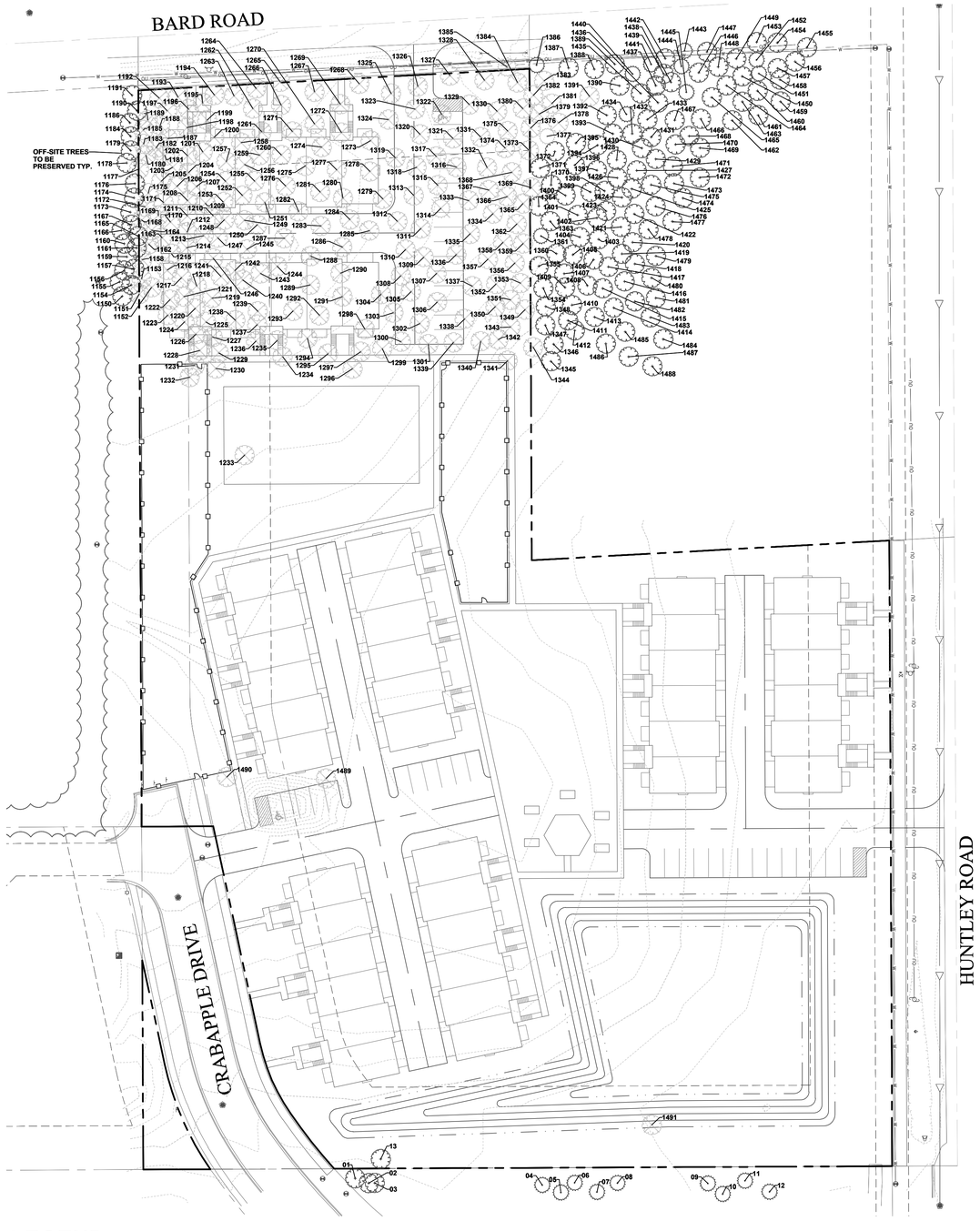
## REQUIRED TREE REPLACEMENTS

65.6 CALIPER INCHES OF REPLACEMENT

LOCATION OF REQUIRED REPLACEMENT TREES TO BE SHOWN ON FINAL LANDSCAPE PLAN

## TREE PRESERVATION NOTES

1. 48'' high snow fence or wood barriers shall extend to the dripline of the tree or tree mass whenever possible, shall be installed before construction begins, and should not be removed until the completion of construction.
2. All accidental damage to existing trees that are to be preserved shall be promptly treated as required in accordance with recognized horticultural practices and the instructions of the professional Arborist, Landscape Architect or Horticulturist.
3. Broken or badly bruised branches shall be removed with a clean cut. If recommended by the professional Arborist, Landscape Architect or Horticulturist.
4. Care shall be exercised by the contractors to protect all overhead limbs and branches from damage by contact with material, machinery or equipment and by damage from engine exhaust.
5. Contractors shall protect trees and vegetation against spills or discharge of fuels,lubricating oils, hydraulic fluids, anti-freeze and coolants, calcium chloride, lime and all other similar hydrocarbons, organic chemicals, and other materials which can be harmful.
6. When underground utilities are proposed within 5' of a preserved tree trunk, they must be augered if possible.




## LEGEND

1234 TREE TO BE PRESERVED

1234 TREE TO BE REMOVED

0 20' 40' 80' 120'
SCALE: 1"=40'

NORTH

GARY R. WEBER ASSOCIATES, INC.
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80 MAIN STREET, SUITE 17
LEMONT, IL 60439

# DERBYSHIRE
CRYSTAL LAKE, IL 60014

# TREE PRESERVATION PLAN

REVISIONS

| | |
|---|---|
| DATE | 08.16.2023 |
| PROJECT NO. | PSW2308 |
| DRAWN | CLE |
| CHECKED | DHS |
| SHEET NO. | 3 OF 4 |

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

XREFS:
PLOT CONFIG:

**TREE INVENTORY**
DATE: 4/7/2023
PROJECT NAME: The Residences of Crystal Pointe
CLIENT: ProJADES
GRWA PROJECT NUMBER: PSW2308

1) Trees measured at 4.5' above the ground - DBH (diameter Breast Height)
2) All trees 2" DBH and above tagged. Shrubs were not tagged.
3) Health Rating:

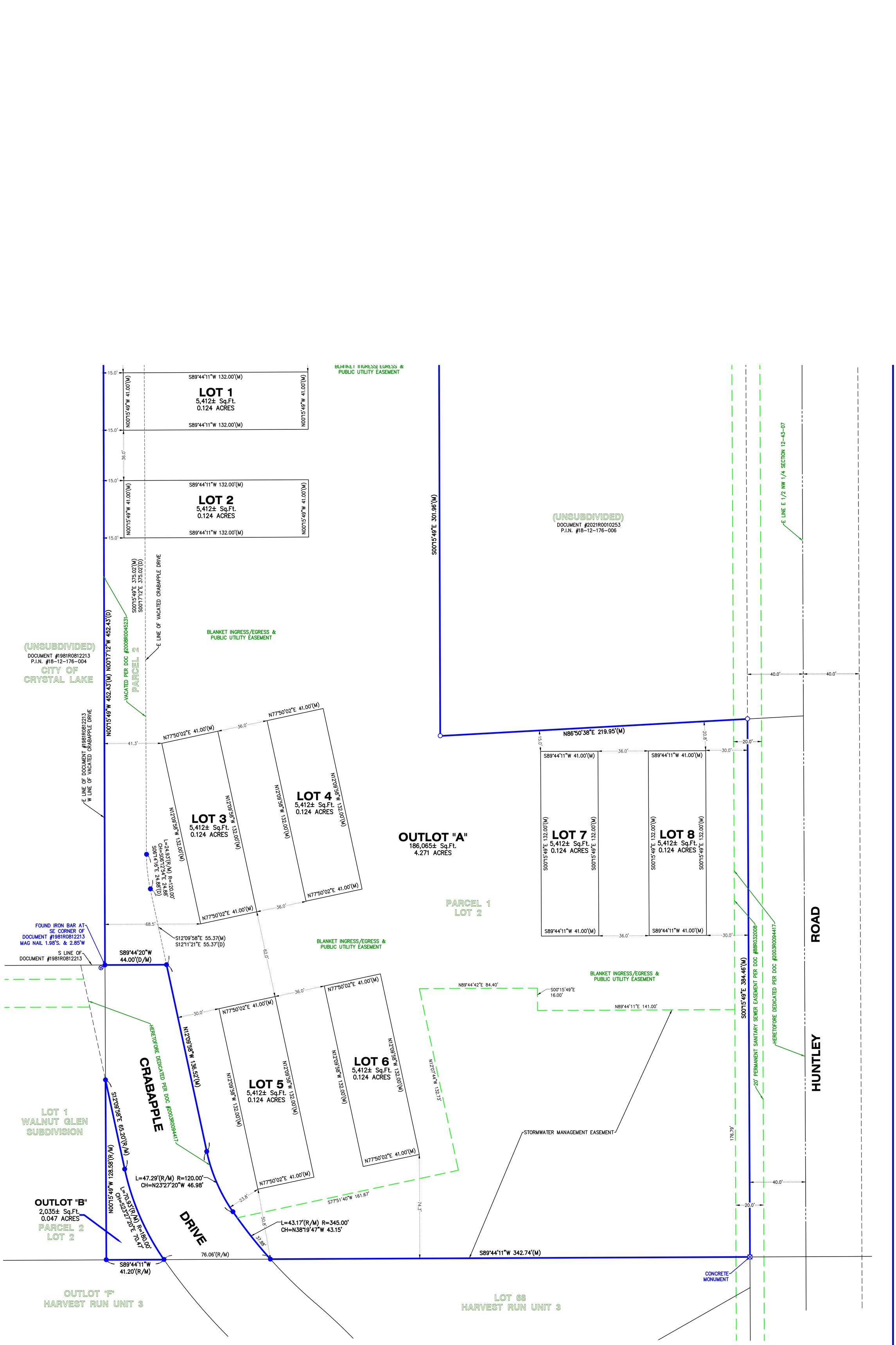
| Rating | Description | Criteria |
|---|---|---|
| 1 | Excellent | Less than 10% dead wood, typical growth for species, no observed defects |
| 2 | Good to Fair | Less than 20% dead wood, minor defects, sound structure, no decay |
| 3 | Fair | Less than 30% dead wood, minor crown die-back, minor trunk damage or cavities |
| 4 | Fair to Poor | Approximately 30-50% dead wood, lacking full crown, minor disease evidence, trunk damage |
| 5 | Poor | Over 50% dead wood, lacking full crown, disease or decay evident, structural damage/cavities |
| 6 | Dead | Less than 10% living wood, greater than 50% missing bark, adventitious growth only, decay |

**TOTAL TREES REVIEWED: 355**

| TAG NO. | SCIENTIFIC NAME | COMMON NAME | DBH (inches) | HEALTH | RATING | NOTES | PROPOSED ACTION | REPLACEMENT VALUE (CAL. IN.) |
|---|---|---|---|---|---|---|---|---|
| 1150 | *Acer negundo* | Box Elder | 7 | Poor | 4 | Strong lean | Preserve | 0 |
| 1151 | *Acer negundo* | Box Elder | 5,2 | Poor | 4 | Strong lean, split risk, included bark | Remove | 0 |
| 1152 | *Ulmus pumila* | Siberian Elm | 10 | Poor | 4 | Split risk@ 10' | Remove | 0 |
| 1153 | *Acer negundo* | Box Elder | 4 | Poor | 4 | Strong lean | Remove | 0 |
| 1154 | *Acer negundo* | Box Elder | 2 | Poor | 4 | Lean, crowded | Preserve | 0 |
| 1155 | *Ulmus pumila* | Sibenan Elm | 8 | Fair | 3 | Unbalanced | Preserve | 0 |
| 1156 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Strong lean, unbalanced | Preserve | 0 |
| 1157 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Lean, unbalanced | Preserve | 0 |
| 1158 | *Acer negundo* | Box Elder | 8 | Poor | 4 | Strong lean, crowded | Remove | 0 |
| 1159 | *Ulmus pumila* | Sibenan Elm | 8 | Poor | 4 | 30% dead branches, crown lean | Preserve | 0 |
| 1160 | *Acer negundo* | Box Elder | 5,1 | Poor | 4 | 1" leader dead, strong lean | Preserve | 0 |
| 1161 | *Acer negundo* | Box Elder | 3 | Poor | 4 | Unbalanced, 40% dead branches, crowded | Remove | 0 |
| 1162 | *Malus sp.* | Crabapple | 5 | Poor | 4 | Crowded, included bark, slight crown lean | Remove | 0 |
| 1163 | *Acer negundo* | Box Elder | 9 | Poor | 4 | Strong lean, dead leaning on, 20% dead branches, unbalanced, crown lean | Remove | 0 |
| 1164 | *Acer negundo* | Box Elder | 4 | Poor | 4 | Strong lean, dead leaning on, 30% dead branches | Remove | 0 |
| 1165 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Strong lean, dead leaning on, 30% dead branches | Preserve | 0 |
| 1166 | *Acer negundo* | Box Elder | 17,12 | Poor | 4 | Strong lean, 30% dead branches, crown lean | Preserve | 0 |
| 1167 | *Acer negundo* | Box Elder | 13,8,7 | Poor | 4 | Split risk, strong lean, adventitious growth | Preserve | 0 |
| 1168 | *Acer negundo* | Box Elder | 11 | Poor | 4 | Strong lean, 40% dead branches | Remove | 0 |
| 1169 | *Acer negundo* | Box Elder | 7 | Poor | 4 | Lean, crown lean, dead leaning on, 20% dead branches | Remove | 0 |
| 1170 | *Morus alba* | White Mulberry | 10 | Poor | 4 | 50% dead branches, unbalanced | Remove | 0 |
| 1171 | *Acer negundo* | Box Elder | 11,11,11 | Poor | 5 | Split cavity, strong lean, 80% dead | Remove | 0 |
| 1172 | *Acer negundo* | Box Elder | 5 | Poor | 4 | Crown lean, lean, 70% dead branches | Remove | 0 |
| 1173 | *Acer negundo* | Box Elder | 8 | Dead | 6 | | Remove | 0 |
| 1174 | *Acer negundo* | Box Elder | 4,3 | Poor | 4 | Strong lean, shear cracks | Preserve | 0 |
| 1175 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Strong lean, cavity | Remove | 0 |
| 1176 | *Acer negundo* | Box Elder | 9 | Poor | 4 | Strong lean, crowded | Preserve | 0 |
| 1177 | *Morus alba* | White Mulberry | 14,6,4 | Poor | 5 | Hollow trunk, strong lean, split risk, 60% dead branches | Remove | 0 |
| 1178 | *Acer negundo* | Box Elder | 4,3 | Poor | 4 | Cavity at base, strong lean | Preserve | 0 |
| 1179 | *Fraxinus pennsylvanica* | Green Ash | 4 | Poor | 4 | EAB, lean, grown around fence | Preserve | 0 |
| 1180 | *Acer negundo* | Box Elder | 12,6 | Poor | 5 | Hollow, 80% dead, strong lean | Remove | 0 |
| 1181 | *Acer saccharinum* | Silver Maple | 9 | Fair | 3 | Unbalanced, 30% Dead branches | Remove | 0.9 |
| 1182 | *Acer negundo* | Box Elder | 10 | Dead | 6 | | Remove | 0 |
| 1183 | *Acer negundo* | Box Elder | 6 | Poor | 5 | 80% Dead, Crowded | Remove | 0 |
| 1184 | *Juglans nigra* | Black Walnut | 5 | Fair | 3 | Unbalanced | Preserve | 0 |
| 1185 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Strong crown lean, Lean, 60% Dead | Remove | 0 |
| 1186 | *Acer negundo* | Box Elder | 9 | Dead | 6 | | Preserve | 0 |
| 1187 | *Acer negundo* | Box Elder | 13, 11 | Poor | 4 | 40% Dead branches, Grown around fence, Crown lean | Remove | 0 |
| 1188 | *Acer negundo* | Box Elder | 7 | Poor | 4 | Strong lean, Crown lean, 30% Dead branches | Remove | 0 |
| 1189 | *Fraxinus pennsylvanica* | Green Ash | 4 | Poor | 5 | EAB, Shear crack, Strong lean, 80% Dead branches | Remove | 0 |
| 1190 | *Ulmus pumila* | Sibenan Elm | 10 | Poor | 4 | Split risk at 10', Unbalanced | Preserve | 0 |
| 1191 | *Acer negundo* | Box Elder | 14 | Poor | 4 | Strong lean, Crown lean, 60% Dead branches | Remove | 0 |
| 1192 | *Acer negundo* | Box Elder | 11, 8 | Poor | 4 | Split risk, Cavity at base | Remove | 0 |
| 1193 | *Unknown* | Unknown | 9 | Dead | 6 | | Remove | 0 |
| 1194 | *Juglans nigra* | Black Walnut | 19 | Good | 2 | | Remove | 1.9 |
| 1195 | *Juglans nigra* | Black Walnut | 6 | Fair | 3 | Unbalanced | Remove | 0.6 |
| 1196 | *Acer negundo* | Box Elder | 8, 6 | Poor | 5 | 80% Dead | Remove | 0 |
| 1197 | *Acer negundo* | Box Elder | 16 | Dead | 6 | | Remove | 0 |
| 1198 | *Juglans nigra* | Black Walnut | 11 | Fair | 3 | Crowded by 1199 | Remove | 1.1 |
| 1199 | *Populus deltoides* | Eastern Cottonwood | 15 | Fair | 3 | Slight lean | Remove | 1.5 |
| 1200 | *Populus deltoides* | Eastern Cottonwood | 14 | Fair | 3 | Slight lean | Remove | 1.4 |
| 1201 | *Acer negundo* | Box Elder | 5 | Poor | 4 | 60% Dead branches, Lean | Remove | 0 |
| 1202 | *Acer negundo* | Box Elder | 2 | Poor | 5 | 70% Dead branches | Remove | 0 |
| 1203 | *Acer negundo* | Box Elder | 5, 2 | Poor | 4 | 60% Dead branches | Remove | 0 |
| 1204 | *Juglans nigra* | Black Walnut | 6 | Fair | 3 | Lean | Remove | 0.6 |
| 1205 | *Populus deltoides* | Eastern Cottonwood | 10 | Poor | 4 | Strong crown lean | Remove | 0 |
| 1206 | *Populus deltoides* | Eastern Cottonwood | 9 | Fair | 3 | Slight lean | Remove | 0.9 |
| 1207 | *Populus deltoides* | Eastern Cottonwood | 9 | Poor | 4 | Crown lean (Twist) | Remove | 0 |
| 1208 | *Populus deltoides* | Eastern Cottonwood | 9, 8 | Poor | 4 | Lean, V-joint | Remove | 0 |
| 1209 | *Populus deltoides* | Eastern Cottonwood | 9 | Poor | 4 | Lean, Crown lean | Remove | 0 |
| 1210 | *Populus deltoides* | Eastern Cottonwood | 6 | Poor | 4 | 40% Dead branches, Crown lean | Remove | 0 |
| 1211 | *Populus deltoides* | Eastern Cottonwood | 7 | Fair | 3 | Lean | Remove | 0.7 |
| 1212 | *Populus deltoides* | Eastern Cottonwood | 8 | Fair | 3 | Lean | Remove | 0.8 |
| 1213 | *Populus deltoides* | Eastern Cottonwood | 6 | Dead | 6 | | Remove | 0 |
| 1214 | *Populus deltoides* | Eastern Cottonwood | 12 | Poor | 4 | 60% Dead branches on lower part of trunk | Remove | 0 |
| 1215 | *Populus deltoides* | Eastern Cottonwood | 5 | Poor | 4 | Strong lean | Remove | 0 |
| 1216 | *Populus deltoides* | Eastern Cottonwood | 8 | Dead | 6 | | Remove | 0 |
| 1217 | *Juglans nigra* | Black Walnut | 3 | Good | 2 | Slight crown lean | Remove | 0 |
| 1218 | *Juglans nigra* | Black Walnut | 11, 11 | Fair | 3 | V-joint, Straight, 20% Dead branches | Remove | 1.1 |
| 1219 | *Acer negundo* | Box Elder | 10 | Poor | 4 | Lean, Peeling bark, Adventitious growth | Remove | 0 |
| 1220 | *Juglans nigra* | Black Walnut | 12 | Poor | 4 | Strong crown lean, 20% Dead branches | Remove | 0 |
| 1221 | *Juglans nigra* | Black Walnut | 10 | Poor | 4 | Unbalanced, Strong crown lean, Crowded by 1220 | Remove | 0 |
| 1222 | *Acer negundo* | Box Elder | 4 | Poor | 4 | Strong lean, 60% Dead branches | Remove | 0 |
| 1223 | *Acer negundo* | Box Elder | 8, 5 | Poor | 4 | 60% Dead branches, Strong lean | Remove | 0 |
| 1224 | *Acer negundo* | Box Elder | 4, 4, 3 | Poor | 5 | Horizontal growth, 40% Dead branches | Remove | 0 |
| 1225 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Unbalanced, Lean, 30% Dead branches | Remove | 0 |
| 1226 | *Acer negundo* | Box Elder | 10 | Poor | 4 | 60% Dead branches, Lean | Remove | 0 |
| 1227 | *Acer negundo* | Box Elder | 8 | Poor | 4 | Crown lean, 20% Dead branches | Remove | 0 |
| 1228 | *Acer negundo* | Box Elder | 9 | Dead | 6 | Split/Fallen | Remove | 0 |
| 1229 | *Acer negundo* | Box Elder | 24, 11, 9, 8 | Poor | 5 | Poor form, Split risk, Cavity at crotch, Strong lean | Remove | 0 |
| 1230 | *Acer negundo* | Box Elder | 17 | Poor | 4 | Unbalanced, Strong lean, Split Risk at 6' | Remove | 0 |
| 1231 | *Acer negundo* | Box Elder | 8 | Poor | 4 | Strong lean, 20% Dead branches | Remove | 0 |
| 1232 | *Acer negundo* | Box Elder | 10 | Poor | 4 | Unbalanced, Lean, 20% Dead branches | Remove | 0 |
| 1233 | *Morus alba* | White Mulberry | 15, 10, 5 | Poor | 4 | Split Risk, Self crowding, 30% Dead branches | Remove | 0 |
| 1234 | *Acer negundo* | Box Elder | 10, 8, 6 | Poor | 4 | Strong lean, Crown lean, 30% Dead branches | Remove | 0 |
| 1235 | *Acer negundo* | Box Elder | 7, 6, 6, 5 | Poor | 4 | Strong lean, 30% Dead branches | Remove | 0 |
| 1236 | *Acer negundo* | Box Elder | 9 | Poor | 4 | 40% Dead branches | Remove | 0 |
| 1237 | *Acer negundo* | Box Elder | 22, 14 | Poor | 4 | Split risk, Strong lean, Cavity at crotch | Remove | 0 |
| 1238 | *Acer negundo* | Box Elder | 5 | Poor | 4 | Strong lean, Crowded by 1237 | Remove | 0 |
| 1239 | *Acer negundo* | Box Elder | 12 | Poor | 4 | Strong lean, Crown lean, 20% Dead branches | Remove | 0 |
| 1240 | *Acer negundo* | Box Elder | 11, 4 | Poor | 4 | Lean, Strong crown lean, Crowded | Remove | 0 |
| 1241 | *Acer negundo* | Box Elder | 8 | Poor | 4 | Strong lean, 20% Dead branches | Remove | 0 |
| 1242 | *Acer negundo* | Box Elder | 8 | Poor | 4 | Strong lean, 40% Dead branches | Remove | 0 |
| 1243 | *Acer negundo* | Box Elder | 11, 12 | Poor | 4 | Adventitious growth, Crown lean, 60% Dead branches, Split risk | Remove | 0 |
| 1244 | *Acer negundo* | Box Elder | 9 | Poor | 4 | Crowded, Crown lean, 30% Dead branches | Remove | 0 |
| 1245 | *Ulmus pumila* | Siberian Elm | 11 | Poor | 5 | Broken crown | Remove | 0 |
| 1246 | *Acer negundo* | Box Elder | 4 | Poor | 4 | Adventitious growth, Strong crown lean, Lean | Remove | 0 |
| 1247 | *Juglans nigra* | Black Walnut | 11 | Good | 2 | Slight lean | Remove | 1.1 |
| 1248 | *Juglans nigra* | Black Walnut | 5 | Good | 2 | Slightly crowded by 1249 | Remove | 0 |
| 1249 | *Juglans nigra* | Black Walnut | 14 | Fair | 3 | Slight lean, 20% Dead branches | Remove | 1.4 |
| 1250 | *Juglans nigra* | Black Walnut | 6, 5, 5, 4 | Poor | 4 | Split risk, Adventitious growth, 30% Dead branches | Remove | 0 |
| 1251 | *Populus deltoides* | Eastern Cottonwood | 10 | Fair | 3 | Slight lean | Remove | 1 |
| 1252 | *Populus deltoides* | Eastern Cottonwood | 10 | Fair | 3 | Slight lean | Remove | 1 |
| 1253 | *Populus deltoides* | Eastern Cottonwood | 6 | Poor | 4 | Lean, Crown lean | Remove | 0 |
| 1254 | *Populus deltoides* | Eastern Cottonwood | 6 | Poor | 5 | 70% Dead branches | Remove | 0 |
| 1255 | *Gleditsia triacanthos* | Honey Locust | 4 | Fair | 3 | Healing trunk scar | Remove | 0 |
| 1256 | *Populus deltoides* | Eastern Cottonwood | 8 | Poor | 4 | 40% Dead branches, Peeling bark | Remove | 0 |
| 1257 | *Populus deltoides* | Eastern Cottonwood | 10, 9 | Poor | 4 | V-joint, 60% Dead branches | Remove | 0 |
| 1258 | *Populus deltoides* | Eastern Cottonwood | 6 | Fair | 3 | Lean | Remove | 0.6 |
| 1259 | *Populus deltoides* | Eastern Cottonwood | 11 | Poor | 4 | Crown lean, 50% Dead branches | Remove | 0 |
| 1260 | *Populus deltoides* | Eastern Cottonwood | 9 | Poor | 4 | Lean, 60% Dead branches | Remove | 0 |
| 1261 | *Populus deltoides* | Eastern Cottonwood | 6 | Poor | 5 | Peeling bark, 80% Dead branches | Remove | 0 |
| 1262 | *Acer negundo* | Box Elder | 3 | Poor | 5 | Lean, Crown lean, 80% Dead branches, Vines | Remove | 0 |
| 1263 | *Unknown* | Unknown | 4 | Dead | 6 | | Remove | 0 |
| 1264 | *Unknown* | Unknown | 2 | Dead | 6 | | Remove | 0 |
| 1265 | *Juglans nigra* | Black Walnut | 11 | Fair | 3 | Lean | Remove | 1.1 |
| 1266 | *Acer negundo* | Box Elder | 10, 6 | Dead | 6 | | Remove | 0 |
| 1267 | *Acer negundo* | Box Elder | 10 | Dead | 6 | | Remove | 0 |
| 1268 | *Acer negundo* | Box Elder | 6 | Dead | 6 | | Remove | 0 |
| 1269 | *Acer negundo* | Box Elder | 8, 5 | Dead | 6 | | Remove | 0 |
| 1270 | *Juglans nigra* | Black Walnut | 7 | Poor | 5 | Topped near powerlines | Remove | 0 |
| 1271 | *Juglans nigra* | Black Walnut | 8 | Poor | 5 | Partially topped near powerlines, Unbalanced | Remove | 0 |
| 1272 | *Acer saccharinum* | Silver Maple | 35 | Dead | 6 | | Remove | 0 |
| 1273 | *Acer negundo* | Box Elder | 4 | Poor | 4 | Crowded, 60% Dead branches, Lean | Remove | 0 |
| 1274 | *Juglans nigra* | Black Walnut | 10 | Fair | 3 | Slight crown lean | Remove | 1 |
| 1275 | *Juglans nigra* | Black Walnut | 9 | Fair | 3 | Lean | Remove | 0.9 |
| 1276 | *Juglans nigra* | Black Walnut | 6 | Good | 2 | Slightly unbalanced | Remove | 0.6 |
| 1277 | *Juglans nigra* | Black Walnut | 6 | Good | 2 | | Remove | 0.6 |
| 1278 | *Juglans nigra* | Black Walnut | 12 | Fair | 3 | 10% Dead branches, Fungus | Remove | 1.2 |
| 1279 | *Juglans nigra* | Black Walnut | 13 | Fair | 3 | Lean, 10% Dead branches | Remove | 1.3 |
| 1280 | *Acer negundo* | Box Elder | 6, 7, 6 | Poor | 4 | Slight lean, 60% Dead branches | Remove | 0 |
| 1281 | *Populus deltoides* | Eastern Cottonwood | 17 | Poor | 5 | Hollow, 30% Dead branches | Remove | 0 |
| 1282 | *Juglans nigra* | Black Walnut | 10 | Fair | 3 | Slight Crown lean | Remove | 1 |
| 1283 | *Acer negundo* | Box Elder | 8, 7 | Poor | 5 | 70% Dead branches, 7" Leader dead, Peeling bark | Remove | 0 |
| 1284 | *Acer negundo* | Box Elder | 2 | Dead | 6 | | Remove | 0 |
| 1285 | *Juglans nigra* | Black Walnut | 12 | Good | 2 | Prune 4" lower branch | Remove | 1.2 |
| 1286 | *Acer negundo* | Box Elder | 6, 5, 2 | Poor | 4 | Split risk, Strong lean, 50% Dead branches | Remove | 0 |
| 1287 | *Populus deltoides* | Eastern Cottonwood | 20, 17 | Poor | 4 | V-joint, Split risk | Remove | 0 |
| 1288 | *Acer negundo* | Box Elder | 3 | Poor | 4 | Lean, 20% Dead branches | Remove | 0 |
| 1289 | *Acer negundo* | Box Elder | 7 | Fair | 3 | 30% Dead branches, Slight lean | Remove | 0.35 |
| 1290 | *Acer negundo* | Box Elder | 2, 2 | Poor | 4 | 40% Dead branches, Lean, Split risk | Remove | 0 |
| 1291 | *Acer negundo* | Box Elder | 2 | Fair | 3 | Lean | Remove | 0 |
| 1292 | *Acer negundo* | Box Elder | 7 | Poor | 4 | Lean, 30% Dead branches | Remove | 0 |
| 1293 | *Acer saccharinum* | Silver Maple | 5 | Fair | 3 | Slight lean | Remove | 0 |
| 1294 | *Acer negundo* | Box Elder | 7 6, 2 | Poor | 4 | Split risk, Strong lean, 30% Dead branches | Remove | 0 |
| 1295 | *Gleditsia triacanthos* | Honey Locust | 9 | Good | 2 | Slightly unbalanced | Remove | 0.45 |
| 1296 | *Acer negundo* | Box Elder | 8, 2 | Poor | 4 | Lean, Adventitious growth, 40% Dead branches | Remove | 0 |
| 1297 | *Acer negundo* | Box Elder | 6, 5 | Poor | 4 | Cavity, Lean | Remove | 0 |
| 1298 | *Acer negundo* | Box Elder | 8 | Fair | 3 | Cavity, Lean | Remove | 0.4 |
| 1299 | *Acer negundo* | Box Elder | 3 | Poor | 4 | Lean, Unbalanced | Remove | 0 |
| 1300 | *Acer negundo* | Box Elder | 8, 3 | Poor | 4 | Strong Lean, 30% Dead branches | Remove | 0 |
| 1301 | *Populus deltoides* | Eastern Cottonwood | 4 | Fair | 3 | Lean | Remove | 0 |
| 1302 | *Populus deltoides* | Eastern Cottonwood | 18 | Poor | 4 | Unbalanced, Lean, 30% Dead branches | Remove | 0 |
| 1303 | *Populus deltoides* | Eastern Cottonwood | 14 | Fair | 3 | Lean, 20% Dead branches | Remove | 1.4 |
| 1304 | *Populus deltoides* | Eastern Cottonwood | 8 | Poor | 4 | Lean, Slight crown lean, 40% Dead branches | Remove | 0 |
| 1305 | *Populus deltoides* | Eastern Cottonwood | 9 | Poor | 4 | Crown lean, 60% Dead branches | Remove | 0 |
| 1306 | *Populus deltoides* | Eastern Cottonwood | 2 | Fair | 3 | Lean | Remove | 0 |
| 1307 | *Populus deltoides* | Eastern Cottonwood | 4 | Fair | 3 | Lean | Remove | 0 |
| 1308 | *Populus deltoides* | Eastern Cottonwood | 12 | Fair | 3 | Lean | Remove | 1.2 |
| 1309 | *Populus deltoides* | Eastern Cottonwood | 11 | Fair | 3 | 30% Dead branches | Remove | 1.1 |
| 1310 | *Populus deltoides* | Eastern Cottonwood | 9 | Good | 2 | 30% Dead branches in lower part, Straight | Remove | 0.9 |
| 1311 | *Juglans nigra* | Black Walnut | 11 | Good | 2 | Slightly unbalanced | Remove | 1.1 |
| 1312 | *Juglans nigra* | Black Walnut | 14 | Fair | 3 | Unbalanced, Slight lean | Remove | 1.4 |
| 1313 | *Juglans nigra* | Black Walnut | 12 | Good | 2 | | Remove | 1.2 |
| 1314 | *Juniperus virginiana* | Eastern Red Cedar | 4, 20' Tall | Poor | 4 | Crown lean, 70% Dead branches | Remove | 0 |
| 1315 | *Ulmus pumila* | Siberian Elm | 3 | Dead | 6 | | Remove | 0 |
| 1316 | *Populus deltoides* | Eastern Cottonwood | 13 | Fair | 3 | 30% Dead branches | Remove | 1.3 |
| 1317 | *Populus deltoides* | Eastern Cottonwood | 11 | Fair | 3 | Slight lean | Remove | 1.1 |
| 1318 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Strong lean, 70% Dead branches | Remove | 0 |
| 1319 | *Populus deltoides* | Eastern Cottonwood | 5 | Fair | 3 | Lean, 30% Dead branches | Remove | 0 |
| 1320 | *Juglans nigra* | Black Walnut | 12 | Good | 2 | Lean | Remove | 1.2 |
| 1321 | *Juglans nigra* | Black Walnut | 10 | Good | 2 | | Remove | |
| 1322 | *Juglans nigra* | Black Walnut | 8 | Fair | 3 | Slight crown lean | Remove | 0.8 |
| 1323 | *Juglans nigra* | Black Walnut | 9 | Good | 2 | Slightly unbalanced | Remove | 0.9 |
| 1324 | *Acer negundo* | Box Elder | 3, 3 | Dead | 6 | | Remove | 0 |
| 1325 | *Juglans nigra* | Black Walnut | 2 | Fair | 3 | Crowded by 1326, Slight crown lean | Remove | 0 |
| 1326 | *Juglans nigra* | Black Walnut | 16 | Good | 2 | | Remove | 1.6 |
| 1327 | *Acer saccharinum* | Silver Maple | 30 | Dead | 6 | | Remove | 0 |
| 1328 | *Acer saccharinum* | Silver Maple | 25 | Dead | 6 | | Remove | 0 |
| 1329 | *Juglans nigra* | Black Walnut | 8 | Good | 2 | Slightly unbalanced | Remove | 0.8 |
| 1330 | *Juglans nigra* | Black Walnut | 4 | Good | 2 | | Remove | 0 |
| 1331 | *Juglans nigra* | Black Walnut | 15 | Fair | 3 | Slight lean, Slightly unbalanced | Remove | 1.5 |
| 1332 | *Juglans nigra* | Black Walnut | 9 | Fair | 3 | Lean | Remove | 0.9 |
| 1333 | *Populus deltoides* | Eastern Cottonwood | 12 | Fair | 3 | Lean, Crown lean | Remove | 1.2 |
| 1334 | *Populus deltoides* | Eastern Cottonwood | 16 | Fair | 3 | 10% Dead branches in lower part | Remove | 1.6 |
| 1335 | *Ulmus pumila* | Siberian Elm | 13 | Poor | 5 | 70% Dead branches | Remove | 0 |
| 1336 | *Acer negundo* | Box Elder | 7, 7, 2 | Poor | 4 | Crowded by buckthorn, Split risk, Cavity at crotch | Remove | 0 |
| 1337 | *Acer negundo* | Box Elder | 6, 4 | Poor | 5 | 80% Dead branches | Remove | 0 |
| 1338 | *Populus deltoides* | Eastern Cottonwood | 15 | Good | 2 | 30% Dead branches in lower part | Remove | 1.5 |
| 1339 | *Acer negundo* | Box Elder | 2 | Poor | 4 | Strong lean | Remove | 0 |
| 1340 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Strong lean, Unbalanced, Crowded | Remove | 0 |
| 1341 | *Acer negundo* | Box Elder | 5 | Poor | 4 | Strong lean | Remove | 0 |
| 1342 | *Gleditsia triacanthos* | Honey Locust | 10 | Good | 2 | | Remove | 0.5 |
| 1343 | *Acer negundo* | Box Elder | 7, 5 | Poor | 4 | Cavity, Strong lean, 40% Dead | Remove | 0 |
| 1344 | *Acer negundo* | Box Elder | 6 | Poor | 4 | 60% Dead branches, Lean | Remove | 0 |
| 1345 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Lean, 50% Dead branches | Preserve | 0 |
| 1346 | *Acer negundo* | Box Elder | 8 | Fair | 3 | Lean, 30% Dead branches | Preserve | 0 |
| 1347 | *Acer negundo* | Box Elder | 7, 6 | Poor | 5 | Adventitious growth only | Preserve | 0 |
| 1348 | *Populus deltoides* | Eastern Cottonwood | 6 | Fair | 3 | Slight lean | Preserve | 0 |
| 1349 | *Populus deltoides* | Eastern Cottonwood | 10 | Fair | 3 | Slight lean | Remove | 1 |
| 1350 | *Populus deltoides* | Eastern Cottonwood | 10 | Fair | 3 | Slight lean | Remove | 1 |
| 1351 | *Populus deltoides* | Eastern Cottonwood | 7 | Fair | 3 | Slight lean | Remove | 0.7 |
| 1352 | *Populus deltoides* | Eastern Cottonwood | 6 | Fair | 3 | Slight lean | Remove | 0.6 |
| 1353 | *Populus deltoides* | Eastern Cottonwood | 7 | Dead | 6 | | Remove | 0 |
| 1354 | *Populus deltoides* | Eastern Cottonwood | 7 | Fair | 3 | Slight lean | Preserve | 0 |
| 1355 | *Populus deltoides* | Eastern Cottonwood | 5 | Dead | 6 | | Preserve | 0 |
| 1356 | *Populus deltoides* | Eastern Cottonwood | 6 | Dead | 6 | | Remove | 0 |
| 1357 | *Populus deltoides* | Eastern Cottonwood | 3 | Dead | 6 | | Remove | 0 |
| 1358 | *Populus deltoides* | Eastern Cottonwood | 7 | Fair | 3 | Slight lean. 30% Dead branches | Remove | 0.7 |
| 1359 | *Populus deltoides* | Eastern Cottonwood | 8 | Fair | 3 | Slight lean, Slight crown lean | Remove | 0.8 |
| 1360 | *Populus deltoides* | Eastern Cottonwood | 12 | Good | 2 | Slight crown lean | Preserve | 0 |
| 1361 | *Juniperus virginiana* | Eastern Red Cedar | 3, 15' Tall | Fair | 3 | Crowded | Preserve | 0 |
| 1362 | *Populus deltoides* | Eastern Cottonwood | 4 | Poor | 4 | 70% Dead branches | Remove | 0 |
| 1363 | *Populus deltoides* | Eastern Cottonwood | 3 | Poor | 5 | 80% Dead branches | Preserve | 0 |
| 1364 | *Populus deltoides* | Eastern Cottonwood | 2 | Dead | 6 | | Preserve | 0 |
| 1365 | *Populus deltoides* | Eastern Cottonwood | 11 | Good | 2 | Slight lean | Remove | 1.1 |
| 1366 | *Populus deltoides* | Eastern Cottonwood | 12 | Good | 2 | 10% Dead branches | Remove | 1.2 |
| 1367 | *Populus deltoides* | Eastern Cottonwood | 2 | Poor | 5 | 60% Dead branches | Remove | 0 |
| 1368 | *Populus deltoides* | Eastern Cottonwood | 7 | Fair | 4 | Slight lean | Remove | 0 |
| 1369 | *Populus deltoides* | Eastern Cottonwood | 8 | Poor | 5 | 50% Dead branches | Remove | 0 |
| 1370 | *Populus deltoides* | Eastern Cottonwood | 3 | Dead | 6 | | Preserve | 0 |
| 1371 | *Populus deltoides* | Eastern Cottonwood | 10 | Fair | 3 | Slightly unbalanced | Preserve | 0 |
| 1372 | *Populus deltoides* | Eastern Cottonwood | 6 | Fair | 3 | Lean | Preserve | 0 |
| 1373 | *Populus deltoides* | Eastern Cottonwood | 5 | Dead | 6 | | Preserve | 0 |
| 1374 | *Populus deltoides* | Eastern Cottonwood | 10, 8 | Poor | 4 | Split risk, Lean | Remove | 0 |
| 1375 | *Populus deltoides* | Eastern Cottonwood | 7 | Fair | 3 | Slight lean | Remove | 0.7 |
| 1376 | *Populus deltoides* | Eastern Cottonwood | 3 | Poor | 4 | Strong lean, 40% Dead branches | Remove | 0 |
| 1377 | *Juniperus virginiana* | Eastern Red Cedar | 25' Tall | Fair | 3 | 30% Dead branches | Remove | 4.2 |
| 1378 | *Ulmus americana* | American Elm | 16 | Poor | 4 | U-joint, Unbalanced, 30% Dead branches | Remove | 0 |
| 1379 | *Juglans nigra* | Black Walnut | 5 | Poor | 4 | Crowded by 1378, Crown lean | Remove | 0 |
| 1380 | *Juglans nigra* | Black Walnut | 10 | Poor | 4 | Strong lean | Remove | 0 |
| 1381 | *Acer saccharinum* | Silver Maple | 26 | Dead | 6 | | Remove | 0 |
| 1382 | *Acer saccharinum* | Silver Maple | 27 | Dead | 6 | | Remove | 0 |
| 1383 | *Juglans nigra* | Black Walnut | 10 | Good | 2 | Slightly unbalanced | Remove | 1 |
| 1384 | *Acer negundo* | Box Elder | 4 | Poor | 5 | 80% Dead branches | Remove | 0 |
| 1385 | *Juniperus virginiana* | Eastern Red Cedar | 15, 40' Tall | Poor | 4 | Adjacent to powerlines, 20% Dead branches, Trunk scar | Remove | 0 |
| 1386 | *Juniperus virginiana* | Eastern Red Cedar | 18, 40' Tall | Poor | 4 | Trunk scar, Crowded | Preserve | 0 |
| 1387 | *Juglans nigra* | Black Walnut | 2 | Good | 2 | | Preserve | 0 |
| 1388 | *Juglans nigra* | Black Walnut | 10 | Fair | 3 | Crown lean | Preserve | 0 |
| 1389 | *Juglans nigra* | Black Walnut | 9 | Good | 2 | Slight lean | Preserve | 0 |
| 1390 | *Juglans nigra* | Black Walnut | 6 | Poor | 4 | Lean, Strong crown lean | Preserve | 0 |
| 1391 | *Juglans nigra* | Black Walnut | 10 | Poor | 4 | Strong crown lean, 30% Dead branches | Remove | 0 |
| 1392 | *Juglans nigra* | Black Walnut | 12 | Fair | 3 | Lean | Preserve | 0 |
| 1393 | *Juglans nigra* | Black Walnut | 7 | Dead | 6 | | Preserve | 0 |
| 1394 | *Quercus macrocarpa* | Bur Oak | 33 | Dead | 6 | | Preserve | 0 |
| 1395 | *Ulmus americana* | American Elm | 12 | Poor | 4 | Crowded by 1394, Crown lean, 30% Dead branches | Preserve | 0 |
| 1396 | *Populus deltoides* | Eastern Cottonwood | 6 | Dead | 6 | | Preserve | 0 |
| 1397 | *Juglans nigra* | Black Walnut | 12 | Good | 2 | Lean | Preserve | 0 |
| 1398 | *Populus deltoides* | Eastern Cottonwood | 7 | Fair | 3 | Slight lean | Preserve | 0 |
| 1399 | *Populus deltoides* | Eastern Cottonwood | 10 | Fair | 3 | Lean, 20% Dead branches | Preserve | 0 |
| 1400 | *Acer negundo* | Box Elder | 5, 5 | Poor | 4 | Strong lean, Split risk | Preserve | 0 |
| 1401 | *Populus deltoides* | Eastern Cottonwood | 5 | Fair | 3 | Burl at base | Preserve | 0 |
| 1402 | *Populus deltoides* | Eastern Cottonwood | 10 | Poor | 4 | 50% Dead branches, Unbalanced | Preserve | 0 |
| 1403 | *Populus deltoides* | Eastern Cottonwood | 13 | Good | 2 | 20% Dead branches in lower part | Preserve | 0 |
| 1404 | *Acer negundo* | Box Elder | 7 | Poor | 4 | Adventitious growth, Lean, Crown lean, 30% Dead branches, Crowded | Preserve | 0 |
| 1405 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Strong lean | Preserve | 0 |
| 1406 | *Populus deltoides* | Eastern Cottonwood | 13 | Fair | 3 | 30% Dead branches in lower part | Preserve | 0 |
| 1407 | *Populus deltoides* | Eastern Cottonwood | 8, 7, 4 | Poor | 4 | Split risk, 70% Dead branches, 4" Leader dead | Preserve | 0 |
| 1408 | *Acer negundo* | Box Elder | 7, 2 | Poor | 4 | 2" Leader dead, 40% Dead branches | Preserve | 0 |
| 1409 | *Juglans nigra* | Black Walnut | 16 | Fair | 3 | Unbalanced | Preserve | 0 |
| 1410 | *Acer negundo* | Box Elder | 7 | Dead | 6 | | Preserve | 0 |
| 1411 | *Acer negundo* | Box Elder | 3 | Poor | 5 | 60% Dead Branches, Adventitious growth | Preserve | 0 |
| 1412 | *Acer negundo* | Box Elder | 10, 7 | Poor | 4 | Split risk, Included bark | Preserve | 0 |
| 1413 | *Acer negundo* | Box Elder | 6 | Poor | 4 | Lean, Cavity, 20% Dead branches | Preserve | 0 |
| 1414 | *Acer negundo* | Box Elder | 5 | Poor | 5 | 80% Dead branches | Preserve | 0 |
| 1415 | *Acer negundo* | Box Elder | 7 | Dead | 6 | | Preserve | 0 |
| 1416 | *Acer negundo* | Box Elder | 6 | Poor | 4 | U-joint, Lean, 40% Dead branches | Preserve | 0 |
| 1417 | *Populus deltoides* | Eastern Cottonwood | 4 | Dead | 6 | | Preserve | 0 |
| 1418 | *Populus deltoides* | Eastern Cottonwood | 13 | Fair | 3 | Lean | Preserve | 0 |
| 1419 | *Populus deltoides* | Eastern Cottonwood | 8 | Fair | 3 | Lean | Preserve | 0 |
| 1420 | *Acer negundo* | Box Elder | 5 | Poor | 5 | 70% Dead branches | Preserve | 0 |
| 1421 | *Acer negundo* | Box Elder | 8 | Poor | 4 | 30% Dead branches, Lean, Crowded | Preserve | 0 |
| 1422 | *Populus deltoides* | E








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CLIENT: PROJADES, LLC
DRAWN BY: TVA CHECKED BY: APG
SCALE: 1"=30' SEC. 12 T. 43 R. 7 E.
BASIS OF BEARING: IL EAST ZONE NAD83 (2011)
P.I.N.: 18-12-179-005
JOB NO.: 230777 I.D. FPS
FIELDWORK COMP.: _____ BK. ___ PG. ___
ALL DISTANCES SHOWN IN FEET AND DECIMAL PARTS THEREOF CORRECTED TO 68° F. REF: _____

| REVISIONS | | | |
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| NO. | DATE | DESCRIPTION | BY |
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**DERBYSHIRE TOWNHOMES SUB'D** SHEET NO. 1 OF 2

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STATE OF ILLINOIS )
) SS
COUNTY OF McHENRY )

I, _____, the undersigned, a Notary Public in and for the county and

state aforesaid, do hereby certify that _____, President of Projades, LLC, is personally known to me to be the same person or persons whose name or names are subscribed to the foregoing instrument as, _____ respectively appeared before me this day in person and acknowledged that they signed and delivered the said instrument as their own free and voluntary act of said company for the uses and purposes therein set forth and said secretary did also then and there affix the said corporate seal of said company to the said instrument as his or her own free voluntary act, and as his or her own free voluntary act, and as the free and voluntary act of said company for the uses and purposes set forth.

Given under my hand and notarial seal, this _____ day of_____, 2023 A.D.

_____ _____ _____
Notary Public My Commission Expires

**SCHOOL CERTIFICATE**

STATE OF ILLINOIS )
) S.S.
COUNTY OF McHENRY )

To the best of our knowledge and belief, Derbyshire TOWNHOMES Subdivision as hereby created and shown on this Plat of Subdivision are within the School District(s) and know as:

Crystal Lake Consolidated School District #47
Community High School District #155

OWNER: Projades, LLC a limited liability corporation

In witness where I, (we) have hereunder set my (our) hand (s) of

Dated this _____ day of _____, 2023 A.D.

_____ _____
President (print name of signer)

**NOTARY CERTIFICATE**

STATE OF ILLINOIS )
) SS
COUNTY OF McHENRY )

I, _____, the undersigned, a Notary Public in and for the county and

state aforesaid, do hereby certify that _____, President of Projades, LLC, is personally known to me to be the same person or persons whose name or names are subscribed to the foregoing instrument as, _____ respectively appeared before me this day in person and acknowledged that they signed and delivered the said instrument as their own free and voluntary act of said company for the uses and purposes therein set forth and said secretary did also then and there affix the said corporate seal of said company to the said instrument as his or her own free voluntary act, and as his or her own free voluntary act, and as the free and voluntary act of said company for the uses and purposes set forth.

Given under my hand and notarial seal, this _____ day of_____, 2023 A.D.

_____ _____ _____
Notary Public My Commission Expires

**MUNICIPAL UTILITY MAINTENANCE AGREEMENT**

This Agreement made as of this _____ day of _____, by and between the City of Crystal Lake, an Illinois municipal corporation, referred to herein as "CITY" and _____, referred herein as "RESPONSIBLE PARTY", for the property as described hereon, which is located within the City of Crystal Lake, Illinois (said property hereinafter referred to as "Premises").

WHEREAS, the term "Municipal Utilities" shall be defined as the following:

1. Water mains and service lines, located in easements designated as Municipal Utility Easements, up to and including the service valve and
2. Sanitary Sewer Mains, located in easements designated as Municipal Utility Easements, up to and including the manhole.

WHEREAS, the RESPONSIBLE PARTY is responsible for all Municipal Utilities located in those areas on the RESPONSIBLE PARTY's Premises outside of dedicated street rights-of-way and within the Municipal Utility Easements.

WHEREAS, the City and the RESPONSIBLE PARTY have held negotiations and reached agreement on the proper role of both parties regarding the maintenance of certain Municipal Utilities. The Municipal Utilities considered for maintenance by the CITY are those located in the portion of the RESPONSIBLE PARTY's Premises described as the "Municipal Utility Easement" in the Plat of Subdivision (hereinafter referred to as the "Easement Document") and recorded with the Recorder's Office for the County of McHenry, State of Illinois as

Document Number _____.

NOW, THEREFORE, the CITY and RESPONSIBLE PARTY hereby agree to the following terms and conditions:

1. The CITY will maintain those Municipal Utilities described in the Easement Document as Municipal Utility Easement up to and including the shut off valves, the manholes, fire hydrants and the sanitary sewer main, but not including the service connections and laterals (referred to as the "System"). The CITY's duties will include all necessary work up to and including the backfill stage in the event of repair and replacement work on the System.
2. The surface of the Municipal Utility Easement as shown on the Plat may be grass, sod, or pavement only (other minor landscaping as shown on a landscape plan approved by the CITY might be permitted). No fences, trees or structures will be permitted within those areas identified on the Plat for the Municipal Utility Easement.
3. The RESPONSIBLE PARTY will be responsible for prompt, quality restoration of all surface and above-grade improvements meeting or exceeding the original construction requirements of all areas on the RESPONSIBLE PARTY's respective premises damaged by the CITY in the process of repairing, replacing or constructing Municipal Utilities. The CITY agrees to exercise reasonable care in repairs made so as not to cause the RESPONSIBLE PARTY to incur unnecessary damages. Items subject to restoration by the RESPONSIBLE PARTY include but are not limited to the following (whether located in easements or dedicated rights-of-way): private lighting cable or conduits, pavements, curb and gutter, irrigation systems, trees, shrubs, sod or other landscaping.
4. This Agreement is to run with the land and shall be binding upon and inure to the benefit of the RESPONSIBLE PARTY, their successors, and assigns.

Accepted By:
City of Crystal Lake

By: _____
(Signature)

Date: _____

Name: _____
(Print)

Title: _____
(Print)

Accepted By:
Responsible Party: Projades, LLC

By: _____
(Signature)

Date: _____

Name: _____
(Print)

Representing: _____
(Print)

Obstructions shall not be placed over grantees' facilities or in, upon or over the property within the dotted lines marked "Easement" or "PUE" without the prior written consent of 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 term "Common Elements" shall have that meaning set forth for such term in Section 2(e) of "An act in relation to condominiums" (Illinois Revised Statutes, Ch. 30, par. 302(e)), as amended from time to time.

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 areas may be otherwise designated on the plat by terms such as "outlots", "common elements", "open space", "open area", "common ground", "parking and common area". The terms "common area or areas" and "Common Elements" includes real property surfaced with interior driveways and walkways, but excludes real property physically occupied by a building, Service Business District or structures such as a pool or retention pond, or mechanical equipment.

Relocation of facilities will be done by Grantees at cost of Grantor/Lot Owner, upon written request.

An easement is hereby reserved for and granted to NICOR, its successors and assigns to install, operate, maintain, repair, replace and remove facilities used in connection with the transmission and distribution of natural gas in, over, under, across, along and upon the surface of the property shown within the dotted or dashed lines on the plat and marked "Easement", "Common Area or Areas", and streets and alleys, whether public or private, and the property designated in the Declaration of Condominium and/or on this plat as "Common Elements", 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, and Common Area or Areas, and to serve other property, adjacent or otherwise, and the right to remove obstructions, including but not limited to, trees, bushes, roots and fences, as may be reasonably required incident to the rights herein given, and the right to enter upon the property for all such purposes. Obstructions shall not be placed over NICOR's facilities or in, upon or over the property identified on this plat for utility purposes without prior written consent of NICOR. After installation of any such facilities, the grade of the property shall not be altered in a manner so as to interfere with the proper operation and maintenance thereof.
The term "Common Elements" shall have that meaning set forth for such term in Section 605/2(e) of the "Condominium Property Act" (Illinois Compiled Statutes, Ch. 765, Sec. 605/2(e)), as amended from time to time.
The term "common area or areas" is defined as a lot, parcel, or area of real property, including real property surfaced with interior driveways and walkways, the beneficial use and enjoyment of which is reserved in whole as an appurtenance to the separately owned lots, parcels or areas within the property, even though such areas may be designated on this plat by other terms.

**NICOR GAS EASEMENT PROVISION**

An easement is hereby reserved for and granted to NORTHERN ILLINOIS GAS COMPANY, an Illinois Corporation, doing business as NICOR GAS COMPANY, its successors and assigns (hereafter "Nicor") to install, operate, maintain, repair, replace and remove, facilities used in connection with the transmission and distribution of nature gas in, over, across, along and upon the surface of the property shown on this plat marked "Easements", "Utility Easement", "Public Utility Easement" "P.U.E.", Public Utility & Drainage Easement", "P.U. & D.E.", "Common Areas or Areas" (or similar designations), street and alleys, whether public or private, and the property designated in the Declaration of Condominium and/or on this Plat as "Common Elements" 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, and Common Area or Areas, and to serve other property, adjacent or otherwise, and the right to remove obstructions, including but not limited to, trees, bushes, roots and fences, as may be reasonably required incident to the right herein given, and the right to enter upon the property for all such purposes. Obstructions shall not be placed over Nicor facilities or in, upon or over the property identified on this plat for utility purposes without the prior written consent of Nicor. After installation of any such facilities, the grade of the property shall not be altered in a manner, so as to, interfere with the proper operation and maintenance thereof.

The term "Common Elements" shall have the meaning set forth for such term in Section 605/2(e) of the Condominium Property Act" (Illinois Compiled Statutes, Ch. 765, Sec. 605/2(e)), as amended from time to time.

The term "Common Area or Areas" is defined as a lot, parcel or area of real property, including real property surfaced with interior driveways and walkways, the beneficial use and enjoyment of which is reserved in whole as an appurtenance to the separately owned lots, parcels or areas within the property, even though such areas may be designated on this plat by other terms.

**MUNICIPAL UTILITY EASEMENT PROVISION**

Municipal Utility Easement (MUE): An easement for serving the subdivision and other property with domestic water, sanitary sewer and storm water drainage is hereby reserved for and granted to the City of Crystal Lake, Illinois, their successors and assigns, to install, operate, maintain, relocate, renew and remove facilities used in connection with sewer and water mains, in, under, across, along, and upon the surface of the property shown on the plat within the areas marked as "Municipal Utility Easement" (M.U.E.) and those parts designated on the plat as dedicated for public street, together with 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 property for all such purposes.

Each individual entity or other party accepting title to all or any part of the Municipal Utility Easement (MUE) shall conclusively be deemed to have covenanted and agreed, jointly and severally, to maintain the surface of that portion of the Municipal Utility Easement which is located on such party's property so that it is in good condition for its intended purpose as a Municipal Utility Easement (which maintenance shall include, but shall not be limited to, the regular seeding, watering and mowing of all lawns). No titleholder of any part or portion of the Municipal Utility Easement (or any party acting on behalf of the titleholder) shall:

i. Install, construct, erect, place or plant any building, structures, improvements or vegetation (other than grass or approved plantings) upon the Municipal Utility Easement, including, but not limited to fences, walls, patios, sheds, posts, trees, plants or shrubbery, except as shown on the approved landscape plan, or
ii. Alter, modify or change in any way the topography or elevations of the Municipal Utility Easement.

Said easements may be used for driveways and parking. However, the grade of the subdivided property shall not be altered in any manner so as to interfere with the proper operation and maintenance thereof, or with the surface drainage thereon. The property owner and or the property owner association are completely responsible for landscape and/or paving restoration, should maintenance of the utility be required.

The City of Crystal Lake is responsible of repairing water services between the water main, to and including the buffalo box. The property owner and/or the property owner's association are responsible for the restoration of the surface after any such water service repair.

Only perpendicular crossings of the M.U.E. are permitted by public utilities. The M.U.E.'s are exclusive of the blanket easement.

_____
McHenry County Clerk

**RECORDER'S CERTIFICATE**

STATE OF ILLINOIS )
) SS
COUNTY OF McHENRY )

This instrument filed for record in the Recorder's office of McHenry County, Illinois, on this _____ day of _____, 2023 A.D., at ____ o'clock __M. and recorded as

Document Number: _____

_____
County Recorder

**CITY COUNCIL CERTIFICATE**

STATE OF ILLINOIS )
) SS
COUNTY OF McHENRY )

Plat approved by the City Council of Crystal Lake, Illinois, this _____ day of _____, A.D., 2023 A.D.

Signed this _____ day of _____ 2023 A.D.

_____ _____
Mayor Attest: City Clerk

**PLANNING AND ZONING COMMISSION CERTIFICATE**

STATE OF ILLINOIS )
) SS
COUNTY OF McHENRY )

Approved by the Planning and Zoning Commission of the City of Crystal Lake, Illinois, this _____ day of _____, 2023 A.D.

_____
Chairman

**SURVEYOR'S CERTIFICATE**

STATE OF ILLINOIS )
) SS
COUNTY OF McHENRY )

I, Arthur P. Gritmacker, an Illinois Registered Land Surveyor, do hereby certify that we have surveyed and subdivided the following described property, and that the Plat as drawn represents said survey and subdivision thereof;

Parcel 1: Lot 2 in Walnut Glen Subdivision of part of the East Half of the Northwest Quarter of Section 12, Township 43 North, Range 7, East of the Third Principal Meridian, according to the Plat thereof recorded July 17, 2003 as Document No. 2003R0094417, in McHenry County, Illinois.

Parcel 2: Part of Crabapple Drive (Vacated per Ordinance Document No. 2008R045231) as originally dedicated per Document No. 2003R056448 and depicted in the Final Plat of Walnut Glen Subdivision, being a Subdivision of part of the East Half of the Northwest Quarter of Section 12, Township 43 North, Range 7 East of the Third Principal Meridian, according to the Plat thereof recorded July 17, 2003R0094417, described as follows: Beginning at the Northwest corner of Lot 2 in said Walnut Glen Subdivision; thence South 00 degrees 17 minutes 12 seconds East along the East line of said Crabapple Drive, 375.02 feet; thence Southeasterly 24.93 feet along said East line, being a curve to the left having a radius of 120.00 feet, the chord of bears South 06 degrees 14 minutes 16 seconds East, 24.88 feet; thence South 12 degrees 11 minutes 21 seconds East along said East line, 55.37 feet to the South line of property described in Document No. 812213, extended East; thence South 89 degrees 42 minutes 48 seconds West along said South line extended, 44.00 feet to the Southeast corner of said property lands; thence North 00 degrees 17 minutes 12 seconds West along the East line thereof and the West line of said Crabapple Drive 452.43 feet to the South line of Bard Road as dedicated in said Walnut Glen Subdivision; thence North 86 degrees 49 minutes 15 seconds East along said South line 30.04 feet to the Place of Beginning, in McHenry County, Illinois.

I, further certify, that Derbyshire TOWNHOMES Subdivision contains: 5.312 Acres, 231,396± Sq.Ft.

I, further certify, that the property, as described, lies within the corporate limits of the City of Crystal Lake, Illinois, which has adopted a comprehensive plan.

I, further certify; that based upon examination of the Flood Insurance Rate Map of McHenry County, Illinois, Panel #17111C0326J with an effective date of November 16, 2006 indicates subject property residing within Zone "X" an area determined to be outside the 0.2% chance of annual flooding.

I, further certify; that upon completion of construction, concrete monuments, as shown, and 5/8" iron bars at all lot corners and points of change in alignment will be set, as required by the Plat Act (765 ILCS 205/1).

I, further certify; that these professional service conforms to the current Illinois Minimum Standards applicable to a Boundary Survey, as it applies to a Final Plat of Subdivision. All distances are given in feet and decimal thereof.

Given under my hand and seal at, Woodstock, Illinois this the 6th., day of September, 2023.

_____
Illinois Registered Professional Land Survey No. 035-3857
Vanderstappen Land Surveying, Inc.
Design Firm No. 184-002792
Expires: April 30, 2025

N

CLIENT: PROJADES, LLC
DRAWN BY: TVA CHECKED BY: APG
SCALE: 1"=30' SEC. 12 T. 43 R. 7 E.
BASIS OF BEARING: IL EAST ZONE NAD83 (2011)
P.I.N.: 18-12-179-005
JOB NO.: 230777 I.D. FPS
FIELDWORK COMP.: _____ BK. ____ PG. ____
ALL DISTANCES SHOWN IN FEET AND DECIMAL PARTS THEREOF CORRECTED TO 68° F. REF: _____

Developer & Owner:
Projades, LLC
33 West Higgins Road
Barrington, Illinois 60010
Phone: 841-670-6710

Mail To:
Ram Prashantha
Projades, LLC
33 West Higgins Road
Barrington, Illinois 60010

**REVISIONS**

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**DERBYSHIRE TOWNHOMES SUB'D** SHEET NO. 2 OF 2

Y:\PLATS\2023\0600-0799\230777_V-230777\230777-FPS-GRID.dwg-Layout2-9/6/2023 12:08 PM

GRAPHIC SCALE 1"= 30'

0 15' 30' 60'

## BENCHMARKS

SEE PLAN VIEW ON THIS SHEET

NOTE
EXISTING TOPOGRAPHIC SURVEY & BOUNDARY PREPARED BY:
DEVELOPER

SITE BENCHMARK
ARROW BOLT ON HYD.
ELEV=905.65 NAVD88

SITE BENCHMARK
ARROW BOLT ON HYD.
ELEV=904.34 NAVD88

| NO. | DATE | REMARKS |
|---|---|---|
| | | |


ADVANTAGE
CONSULTING ENGINEERS
80 MAIN STREET - SUITE 17 - LEMONT, ILLINOIS 60439
630-520-2467
WWW.ADENG.US


**EXISTING CONDITIONS**

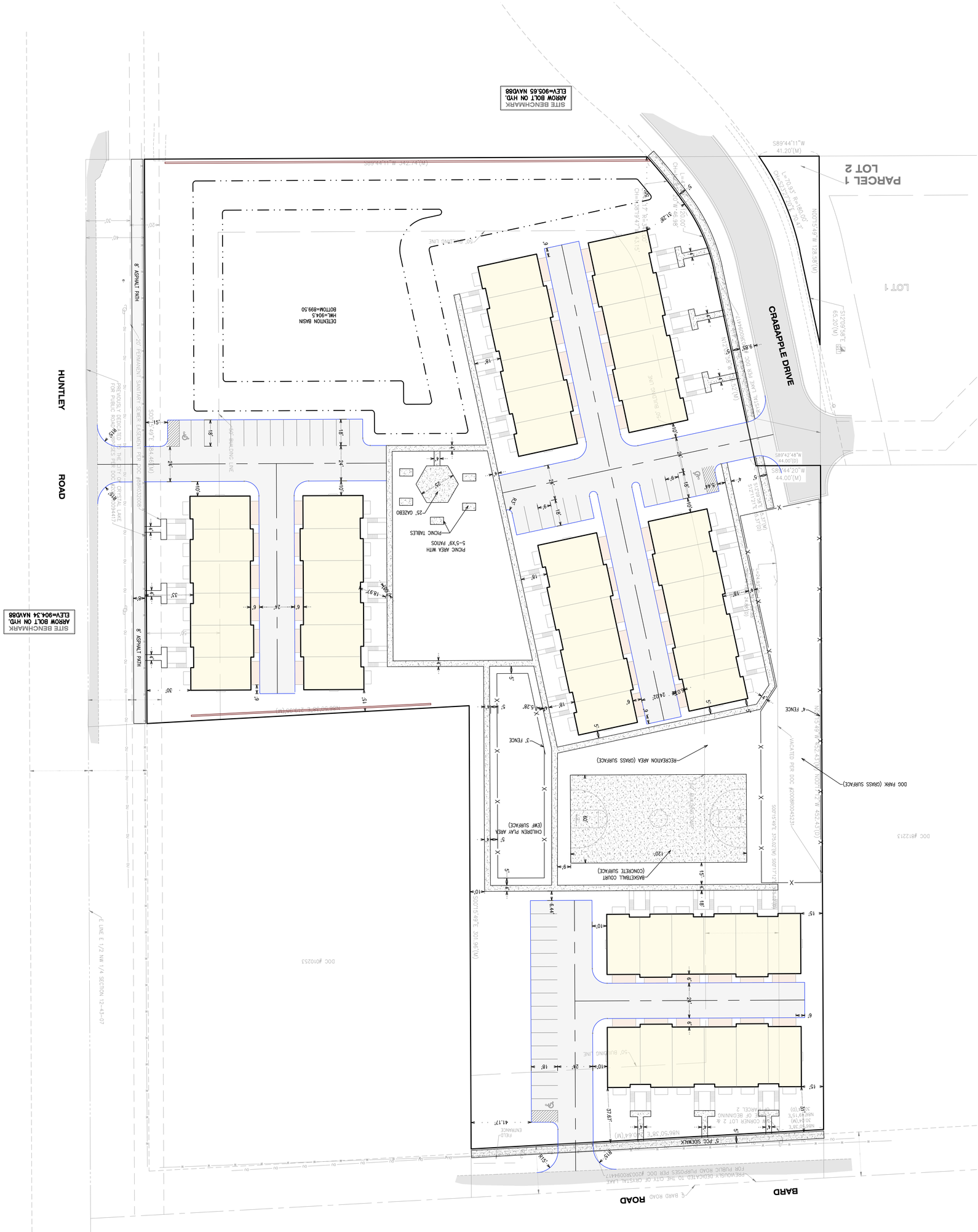
**THE RESIDENCES OF CRYSTAL POINTE**
**CRYSTAL LAKE, IL**

**EQUITY TRUST CO.**
**CUSTODIAN FBO**
**KRISTA MONTI IRA**

AUGUST 21, 2023
JOB: 23-014

SHEET:
**EX1**
3 OF 16

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| | | | | | |
|---|---|---|---|---|---|
| EQUITY TRUST CO.<br>CUSTODIAN FBO<br>KRISTA MONTI IRA | GEOMETRIC PLAN<br>THE RESIDENCES OF CRYSTAL POINTE<br>CRYSTAL LAKE, IL | ADVANTAGE<br>CONSULTING ENGINEERS<br>80 MAIN STREET - SUITE 17 - LEMONT, ILLINOIS 60439<br>630-520-2467<br>www.aceng.us | NO. | DATE | REMARKS |
| AUGUST 21, 2023<br>JOB: 23-014 | | | | | |
| SHEET:<br>L1<br>4 OF 16 | | | | | |




## GRADING NOTES

1. ALL SPOT ELEVATIONS SHOWN AT CURB ARE TOP OF CURB/SIDEWALK ELEVATIONS.
2. ALL ELEVATIONS SHOWN ON PLANS ARE FINISHED GRADE ELEVATIONS.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION.
4. CONTRACTOR SHALL MAINTAIN POSITIVE SITE DRAINAGE DURING CONSTRUCTION.
5. ALL PROPOSED GRADES SHALL MATCH EXISTING GRADES AT THE PROPERTY LINE.
6. SEE STRUCTURAL PLANS FOR RETAINING WALL DESIGN AND STRUCTURAL FILL COMPACTION REQUIREMENTS.
7. THE MAXIMUM SLOPE ON ALL SIDEWALKS SHALL NOT EXCEED 1:12.
8. ALL WORK SHALL CONFORM TO THE 2010 EDITION OF THE STATE OF ILLINOIS ACCESSIBILITY CODE AND/OR THE 2010 EDITION OF THE AMERICANS WITH DISABILITY ACT (ADA) WHICHEVER IS MORE RESTRICTIVE.

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**EQUITY TRUST CO.**
**CUSTODIAN FBO**
**KRISTA MONTI IRA**

**GRADING PLAN**

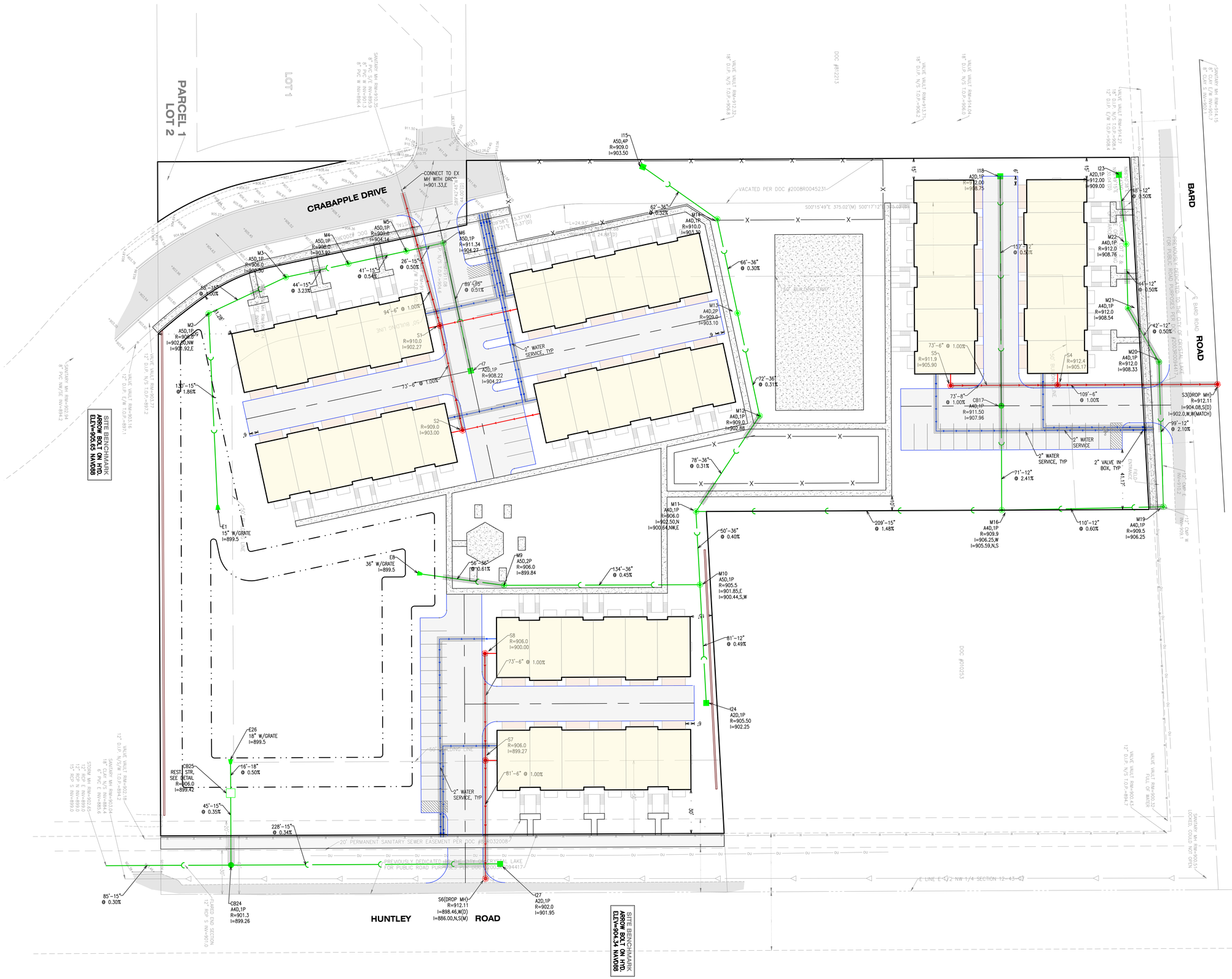
**THE RESIDENCES OF CRYSTAL POINTE**
**CRYSTAL LAKE, IL**

**ADVANTAGE**
CONSULTING ENGINEERS
80 MAIN STREET - SUITE 17 - LEMONT, ILLINOIS 60439
630-520-2467
www.aceng.us

| NO. | DATE | REMARKS |
|---|---|---|
| | | |

AUGUST 21, 2023
JOB: 23-014

SHEET:
**G1**
5 OF 16


PARCEL 1
LOT 2
LOT 1
CRABAPPLE DRIVE
BARD ROAD
HUNTLEY ROAD
CONNECT TO EX MH WITH DRCO I=901.33,E
VACATED PER DOC #2008R0045231
I15 A50,4P R=909.0 I=903.50
M14 A40,1P R=910.0 I=903.30
M13 A40,2P R=909.0 I=903.10
M12 A40,1P R=909.0 I=902.88
M11 A40,1P R=906.0 I=902.50,N I=900.64,NW,E
M10 A50,1P R=905.5 I=901.85,E I=900.44,S,W
M9 A50,2P R=906.0 I=899.84
M6 A50,1P R=911.34 I=904.27
M5 A50,1P R=909.0 I=904.14
M4 A50,1P R=908.0 I=903.90
M3 A50,1P R=906.0 I=903.50
M2 A50,1P R=906.0 I=902.80,NW I=900.92,E
M1 A50,1P R=906.0 I=902.80,NW I=900.92,E
I18 A20,1P R=912.00 I=908.75
I23 A20,1P R=912.00 I=909.00
I7 A20,1P R=908.22 I=904.27
I24 A2D,1P R=905.50 I=902.25
M22 A40,1P R=912.0 I=908.76
M21 A40,1P R=912.0 I=908.54
M20 A40,1P R=912.0 I=908.33
M16 A40,1P R=909.9 I=906.25,W I=905.59,N,S
M19 A40,1P R=909.5 I=906.25
S1 R=910.0 I=902.27
S2 R=909.0 I=903.00
S4 R=912.4 I=905.17
S5 R=911.9 I=905.90
S7 R=906.0 I=899.27
S8 R=906.0 I=900.00
S3(DROP MH) R=912.11 I=904.08,S(D) I=902.0,W,N(MATCH)
S6(DROP MH) R=912.11 I=898.46,W(D) I=886.00,N,S(M)
CB17 A40,1P R=911.50 I=907.96
CB24 A40,1P R=901.3 I=899.26
CB25 RESTR STR, SEE DETAIL R=906.0 I=899.42
E1 15" W/GRATE I=899.5
E8 36" W/GRATE I=899.5
E26 18" W/GRATE I=899.5
E27 A2D,1P R=902.0 I=901.95
7" WATER SERVICE, TYP
2" WATER SERVICE, TYP
2" WATER SERVICE
2" VALVE IN BOX, TYP
ENTRANCE
41.17'
73'-6" @ 1.00%
94'-6" @ 1.00%
89'-6" @ 0.51%
66'-36" @ 0.30%
72'-36" @ 0.31%
78'-36" @ 0.31%
50'-36" @ 0.40%
56'-36" @ 0.61%
134'-36" @ 0.45%
62'-36" @ 0.32%
26'-15" @ 0.50%
41'-15" @ 0.54%
44'-15" @ 3.23%
68'-18" @ 0.50%
130'-15" @ 1.86%
228'-28"
73'-8" @ 1.00%
109'-6" @ 1.00%
99'-12" @ 2.10%
71'-12" @ 2.41%
110'-12" @ 0.60%
209'-15" @ 1.48%
81'-12" @ 0.49%
68'-12" @ 0.50%
157'-12" @ 0.50%
144'-12" @ 0.50%
42'-12" @ 0.50%
46'-18" @ 0.50%
45'-15" @ 0.35%
228'-15" @ 0.34%
85'-15" @ 0.30%
81'-6" @ 1.00%
SITE BENCHMARK ARROW BOLT ON HYD. ELEV=905.65 NAVD88
SITE BENCHMARK ARROW BOLT ON HYD. ELEV=904.34 NAVD88
20' PERMANENT SANITARY SEWER EASEMENT PER DOC #98R032008
PREVIOUSLY DEDICATED PER DOC #2008R0045231 TO THE CITY OF CRYSTAL LAKE FOR PUBLIC ROAD PURPOSES PER DOC #94R09417
DOC #94R09417
DOC #101253
DOC #98R032008
DOC #2008R0045231
SANITARY MH RIM=914.15 8" CLAY E/W INV=901.7
SANITARY MH RIM=914.16 8" CLAY E/W INV=901.7
SANITARY MH RIM=902.04 8" PVC NW INV=894.2
SANITARY MH RIM=902.16 8" PVC NW INV=894.2
SANITARY MH RIM=902.34 8" PVC NW INV=894.2
SANITARY MH RIM=902.34 8" PVC NW INV=894.2
STORM MH RIM=902.05 12" RCP E INV=899.0 12" RCP W INV=899.0 15" RCP S INV=898.0
STORM MH RIM=902.16 12" RCP E INV=899.0 12" RCP W INV=899.0 6" PVC E INV=899.6 15" RCP S INV=898.0
12" D.I.P. N/S/W I.O.P.=894.2
12" D.I.P. E/W I.O.P.=897.2
12" D.I.P. N/S I.O.P.=897.1
12" D.I.P. N/S I.O.P.=896.8
12" D.I.P. N/S I.O.P.=896.6
12" D.I.P. E/W I.O.P.=898.4
12" D.I.P. E/W I.O.P.=898.4
18" D.I.P. N/S I.O.P.=898.4
18" D.I.P. N/S I.O.P.=896.4
VALVE VAULT RIM=902.77
VALVE VAULT RIM=902.18
VALVE VAULT RIM=912.32
VALVE VAULT RIM=914.27
VALVE VAULT RIM=913.77
VALVE VAULT RIM=914.04
VALVE VAULT RIM=900.32
VALVE VAULT RIM=900.43
FULL OF WATER
LOCKED, COULD NOT OPEN
FLARED END SECTION 12" RCP S INV=901.0
C LINE E 1/2 NW 1/4 SECTION 12-43-8
PRE-WASH REQUIRED PER CITY OF CRYSTAL LAKE FOR PUBLIC ROAD PURPOSES PER DOC #2003R0094417
S00°15'49"E 375.02'(M) S00°17'12"E 375.37'(D)
L=24.84'(M) L=24.86'(D)
30' BUILDING LINE
9' BARD ROAD
9' BARD ROAD
9' BARD ROAD

# ADVANTAGE

CONSULTING ENGINEERS

# Storm Water Management

For

## The Residences of Crystal Pointe

## Crystal Lake, Illinois

By

## Equity Trust Co.

Date: May 01, 2023
Last Revised: August 21, 2023




William J Zalewski, P.E.
Illinois Registered Professional Engineer
No. 062-046121
Expires 11/30/2023

80 MAIN STREET • SUITE 17 • LEMONT, ILLINOIS 60439
630-520-2467

# Crystal Pointe Row Homes

## Introduction

Equity Trust Co is planning to develop 5.27-acre parcel of property located at south west corner of Bard Road and Huntley Road in Crystal Lake, IL

The plan is to construct 8 buildings of 6 unit row homes residential development. The improvements include a new residential buildings, access roads, alley ways to driveways, amenities and associated storm water management.

## Existing Conditions

The area of the site to be developed consists of undeveloped ground.

The offsite area from the west currently drains to the middle of west property line. The offsite area will be routed through the detention basin. We will address the off-site drainage during final design.

The existing condition peak flow from off site area is determined and routed through detention basin.

Based on the FIRM Map 17111C0326J, effective date 11/16/2006, flood plain does not exist on this site.

Gary R Weber Associates did field survey for wetland existence. They did not encounter any wetland on the site.

## Proposed Conditions

Advantage Consulting Engineers (ACE) has prepared the site improvement plans for the proposed development. The storm water detention provided for the proposed development.

The design volume required for the proposed development is summarized in attached drainage summary table.

The storm water detention analysis for the proposed development was calculated in accordance with McHenry County storm water management ordinance and is included in our Storm Water Report. The proposed detention facility is designed for the 2-year and 100-year using detention volume.

There is offsite area from west enters the site at middle of west property line.

The 100-year flow for this area is determined and weir is sized to include site and offsite peak inflow to detention basin.

The proposed storm water management system consists of storm sewers; overflow routes via storm sewers sized for 100-year storm event, weir design.

Detention basin facility with water quality requirements provided in native planted detention basin.

The detention basin's outfall is connected to existing storm sewer extended north to pick up drainage north of proposed driveway.

The storm water analysis for the proposed development was calculated in accordance with McHenry County storm water management ordinance and is included in our Storm Water Report. The proposed detention facility is designed for the 2-year and 100-year using detention volume versus percent impervious chart.

The downstream side of detention and east section of site is not be tributary to detention and is considered unrestricted area. The 100-year, 24-hour peak flow from this area was calculated as unrestricted flow and was deducted from allowable release rate.

The free board elevation is set 1-foot above the design HWL of detention and the weir elevation for 100-year peak flow per County ordinance. The weir was increased in length to accommodate this requirement.

The storm water calculations are included in the Storm Report. The storm sewer system was sized to accommodate the 100-year storm event.

## Best Management Practices

The best management practices are provided can be found in the soil erosion and sediment control plan and storm water pollution prevention plans. They are included in the site improvement plans.

The soil erosion control and sediment control measures, schedules, maintenance requirements and responsible parties are listed in SWPPP.

The erosion control measures such as stabilized construction entrance, inlet protection, permanent seeding, erosion control blanket, rip rap outlet control, silt fence and other measures listed on plans will be installed, maintained for the duration of the project or until stabilization of the disturbed areas in accordance with Illinois urban manual.

The temporary measures such as stabilized construction entrance, silt fence etc. will be removed once the site is stabilized to satisfaction of McHenry County.

## Runoff Volume Reduction Hierarchy

No natural features such as natural storage, infiltration areas, flood plains, wetland exist on this site. There are no stream(s), channel(s) that exist on this site. The drainageways along Huntley Road will be maintained in existing storm sewer extended north.

The impervious area of project area is being routed through the native plantings in the bottom of basin to provide quality control for stormwater.

## General Statement

In our opinion, the proposed storm water management meets the minimum requirements of the McHenry County Storm Water Management Ordinance.

RECEIVED
NOV 13 2023
BY

LAW OFFICES
**ZUKOWSKI, ROGERS, FLOOD & McARDLE**
50 VIRGINIA STREET
CRYSTAL LAKE, ILLINOIS 60014

MICHAEL J. SMORON
msmoron@zrfmlaw.com

(815) 459-2050
Facsimile (815) 459-9057
www.zrfmlaw.com

November 9, 2023

***Via Hand Delivery***
Nick Kachiroubas, City Clerk
CITY OF CRYSTAL LAKE
100 W. Woodstock Street
Crystal Lake, IL 60014

**Re: Section 11-13-14 Written Protest Against the Project Commonly Known as Crystal Pointe Row Homes a.k.a. The Residences of Crystal Point a.k.a The Derbyshire Townhome Subdivision Project**

Dear Mr. Kachiroubas,

Attached please find copies of written protests against the proposed amendments signed by landowners pursuant to Section 11-13-14 intended to require a supermajority vote in accordance with such statute.

*In addition*, attached please find an additional protest from 36 residents objecting to the project. Would your office be kind enough to file stamp a copy of each of these so that we may serve same to the applicant for the proposed amendments and the applicant's attorney.

Sincerely,

Michael

Michael J. Smoron

MJS:da

cc: Rich Radwan, President, Walnut Glen Townhome Association (via email; w/enc.)

RECEIVED
NOV 13 2023
BY:

**WRITTEN PROTEST AGAINST PAUL SWANSON, REPRESENTING SANDRA KERRICK OWNER OF TRUST 79-191 REQUEST FOR A PRELIMINARY PLANNED UNIT DEVELOPMENT APPROVAL AND PRELIMINARY PLAT OF SUBDIVISION AND VARIATIONS FROM THE CITY OF CRYSTAL LAKE'S SUBDIVISION REQUIREMENTS FOR BURYING OVERHEAD UTILITITY LINES**
**FOR 1201 BARD ROAD, CRYSTAL LAKE, ILLINOIS**

Paul Swanson, representing Sandra Kerrick owner of Trust 79-191, is seeking a Preliminary Planned Development Unit Approval and Preliminary Plat with variations from the subdivision requirements to bury the overhead utility lines and any other variations as necessary to approved the plans as presented for the property at 1201 Bard Road in Crystal Lake, Illinois assigned PIN 18-12-179-005 (the "Subject Property"). By signing below, the undersigned represents that he, she, they or it is (are) the owner(s) of the frontage immediately adjoining the Subject Property or the frontage directly opposite the frontage proposed to be altered and hereby protests against such requests and proposed amendments of the district and reiterates the objections expressed by our neighbors and their attorneys and experts during the public hearing on the above-referenced amendments and requests. The undersigned requests that the City Council deny the above-referenced amendments and requests. The undersigned sign this written protest with the express goal of triggering the supermajority vote requirement pursuant to Section 11-13-14 of the Illinois Municipal Code, 65 ILCS 5/11-13-14.

The undersigned owner(s) of record:

On Behalf of Walnut Glen Townhome Association President of the Board

Signature(s): Richard E Radwan
Print Name(s): RICHARD RADWAN
Address: 1208 WALNUT GLEN DR C.L.
PIN(s): 18-12-202-001
Date: 10-26, 2023

STATE OF ILLINOIS )
COUNTY OF McHENRY )

I, Deborah Anderson do hereby certify that Richard Radwan appeared before me this day in person and acknowledged that he/she/they did sign and deliver this instrument as a free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this 6th day of November, 2023.

Deborah Anderson
Notary Public

OFFICIAL SEAL
DEBORAH ANDERSON
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES JUNE 1, 2027

RECEIVED
NOV 13 2023

#6

**WRITTEN PROTEST AGAINST PAUL SWANSON, REPRESENTING SANDRA KERRICK OWNER OF TRUST 79-191 REQUEST FOR A PRELIMINARY PLANNED UNIT DEVELOPMENT APPROVAL AND PRELIMINARY PLAT OF SUBDIVISION AND VARIATIONS FROM THE CITY OF CRYSTAL LAKE'S SUBDIVISION REQUIREMENTS FOR BURYING OVERHEAD UTILITITY LINES**
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The undersigned owner(s) of record:

Signature(s): _____
Print Name(s): John Vogelman
Address: 773 Crabapple Dr
PIN(s): 18-12-179-001
Date: October 28, 2023

STATE OF ILLINOIS )
COUNTY OF McHENRY )

I, Richard Rodwan, do hereby certify that John Vogel appeared before me this day in person and acknowledged that he/she/they did sign and deliver this instrument as a free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this _____ day of _____, 2023.

_____
Notary Public

RECEIVED
NOV 13 2023

**WRITTEN PROTEST AGAINST PAUL SWANSON, REPRESENTING SANDRA KERRICK OWNER OF TRUST 79-191 REQUEST FOR A PRELIMINARY PLANNED UNIT DEVELOPMENT APPROVAL AND PRELIMINARY PLAT OF SUBDIVISION AND VARIATIONS FROM THE CITY OF CRYSTAL LAKE'S SUBDIVISION REQUIREMENTS FOR BURYING OVERHEAD UTILITITY LINES**
**FOR 1201 BARD ROAD, CRYSTAL LAKE, ILLINOIS**

Paul Swanson, representing Sandra Kerrick owner of Trust 79-191, is seeking a Preliminary Planned Development Unit Approval and Preliminary Plat with variations from the subdivision requirements to bury the overhead utility lines and any other variations as necessary to approved the plans as presented for the property at 1201 Bard Road in Crystal Lake, Illinois assigned PIN 18-12-179-005 (the "Subject Property"). By signing below, the undersigned represents that he, she, they or it is (are) the owner(s) of the frontage immediately adjoining the Subject Property or the frontage directly opposite the frontage proposed to be altered and hereby protests against such requests and proposed amendments of the district and reiterates the objections expressed by our neighbors and their attorneys and experts during the public hearing on the above-referenced amendments and requests. The undersigned requests that the City Council deny the above-referenced amendments and requests. The undersigned sign this written protest with the express goal of triggering the supermajority vote requirement pursuant to Section 11-13-14 of the Illinois Municipal Code, 65 ILCS 5/11-13-14.

The undersigned owner(s) of record:

Signature(s): Nathan M Kalish
Print Name(s): Nathan M Kalish
Address: 1154 Autumn Dr., Crystal Lake, IL
PIN(s): 18-12-178-003
Date: 11/7, 2023

STATE OF ILLINOIS )
COUNTY OF McHENRY )

I, Lynda Potas, do hereby certify that Nathan Kalish appeared before me this day in person and acknowledged that he/she/they did sign and deliver this instrument as a free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this 7th day of November, 2023.

Notary Public

LYNDA POTAS
Official Seal
Notary Public - State of Illinois
My Commission Expires Mar 13, 2027

RECEIVED
NOV 13 2023

11

**WRITTEN PROTEST AGAINST PAUL SWANSON, REPRESENTING SANDRA KERRICK OWNER OF TRUST 79-191 REQUEST FOR A PRELIMINARY PLANNED UNIT DEVELOPMENT APPROVAL AND PRELIMINARY PLAT OF SUBDIVISION AND VARIATIONS FROM THE CITY OF CRYSTAL LAKE'S SUBDIVISION REQUIREMENTS FOR BURYING OVERHEAD UTILITITY LINES**
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The undersigned owner(s) of record:

Signature(s): Donna Juliano
Print Name(s): Donna Juliano
Address: 1222 Bard Rd., Crystal Lake, IL 60014
PIN(s): 18-17-132-039
Date: Oct. 28, 2023

STATE OF ILLINOIS )
COUNTY OF McHENRY )

I, Rose Buckley, do hereby certify that DONNA JULIANO appeared before me this day in person and acknowledged that he/she/they did sign and deliver this instrument as a free and voluntary act for the uses and purposes herein set forth.

Given under my hand and notarial seal this _____ day of _____, 2023.

_____
Notary Public

RECEIVED
NOV 13 2023

**This petition is to protest the proposed planned development located at 1201 Bard Road. The developer plans to build a nine-lot subdivision for 48 townhomes. It was presented to the Planning and Zoning Commission on October 18, 2023. We at Walnut Glen townhome subdivision do not want this. We feel it is too many townhomes on a lot smaller than our subdivision. We are concerned with, traffic on Bard Rd. as well as Huntley Road all the way down to Ackman. We are concerned about where the water will go and the density of this subdivision. They also want to put a 7-11 Convenience store on the corner of Bard and Huntley. The next city meeting will be on NOVEMBER 7, 2023.**

| | NAME: | ADDRESS: |
|---|---|---|
| 1 | [illegible] | 1345 Cottonwood LN 60014 |
| 2 | [illegible] | 8610 Bard Rd. Crystal Lake. |
| 3 | [illegible] | 1276 WALNUT GLEN |
| 4 | Maria Milan | 1284 Walnut Glen Dr. |
| 5 | Michael A. Cozzi | 1260 WALNUT GLEN DR. |
| 6 | [illegible] | 1262 Walnut Glen Dr |
| 7 | Kay Pressbock | 1266 WALNUT GLEN, 60014 |
| 8 | Rose Buckley | 1228 Walnut Glen Dr |
| 9 | Debbie Goodale | 1252 Walnut Glen Drive |
| 10 | Leanne Meyers | 1276 Walnut Glen Drive 60014 |
| 11 | Rita K Smith | 1248 WALNUT GLEN DR 60014 |
| 12 | [illegible] R. W[illegible] | 1230 WALNUT GLEN DR CL |
| 13 | Hyang Vilg | 1234 walnut Glen Dr |
| 14 | Kim Swieton | 1222 Walnut Glen Dr. |
| 15 | Rajeev Rajendran | 1220 walnut glen dr, crystal Lake, IL-60014 |
| 16 | | |

RECEIVED
NOV 13 2023

| | | |
|---|---|---|
| 17 | Brooke Brockman | 1233 Walnut Glen |
| 18 | Allison Donahue | 1216 Walnut Glen |
| 19 | Jackie Simpson | 1200 Walnut Glen. |
| 20 | Elizabeth Keiser | 1202 Walnut Glen |
| 21 | Nancy Redwan | 1208 Walnut Colen Dr |
| 22 | Richard E Redwan | 1208 WALNUT GLEN DR. C.L. |
| 23 | | 1228 WALNUT GLEN DR. |
| 24 | | |
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BY

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| | NAME: | ADDRESS: |
|---|---|---|
| 1 | Shawn Miller | 1272 Walnut Glen |
| 2 | Robert [illegible] | 1244 Walnut Glen |
| 3 | Ruth Zaletel | 1250 Walnut Glen |
| 4 | Ron Gopel | 1242 Walnut Glen |
| 5 | Jonathon Reece | 1290 Walnut Glen |
| 6 | Greg Pondel | 758 Wedgewood Dr. |
| 7 | MICHALE NEMICKS | 762 WEDGEWOOD |
| 8 | Ben Mires | 762 Wedgewood |
| 9 | JACQUELINE J WYSE | 1246 WALNUT GLEN DR C.L. |
| 10 | [illegible] | 1282 Walnut Glen Dr. |
| 11 | Tammy Ruggiero | 1274 Walnut Glen DR. |
| 12 | Hilaria Villa | 1234 walnut Glen Dr |
| 13 | Tom PRINCE | 1270 WALNUT GLEN |
| 14 | Scott Groves | 1208 Walnut Glen |
| 15 | | |
| 16 | | |

**Agenda Item No: 14**

# City Council
# Agenda Supplement

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| | |
|---|---|
| **Meeting Date:** | November 21, 2023 |
| **Item:** | Greenbrier Park Subdivision Conversion of Yield Signs to Stop Signs |
| **Staff Recommendation:** | Motion to adopt an Ordinance implementing stop control at the intersections of Juniper Lane at Forest Drive and Juniper Lane at Greenview Drive |
| **Staff Contact:** | Michael Magnuson, P.E., Director of Public Works and Engineering |

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**Background:**
The City received a request to evaluate the yield signs in the Greenbrier Park subdivision. Yield signs are appropriate for approaches to a through street where conditions are such that a full stop is not always required. The City's Traffic Working Group has evaluated all of the intersections in the subdivision and determined that a full stop is warranted at the following intersections: Juniper Lane at Forest Drive and Forest Drive at Greenview Drive. Stop signs at these locations are more appropriate than yield signs due to sight distance and reducing "near misses". The yield signs at Juniper Lane and Fenimore Road as well as Oak Valley Court at Oak Valley Drive will remain.

A letter was sent to 168 residents in the Greenbrier Park subdivision to ask them for their feedback. The City received two responses from the residents. One of the responses was supportive of the plan and the other didn't feel the change was necessary. The responses are attached.

The Traffic Working Group recommends proceeding with converting the two yield signs in the Greenbrier Park subdivision to stop signs.

**Votes Required to Pass:**
Simple majority

# ORDINANCE

**WHEREAS,** the Greenbrier Park subdivision in the CITY OF CRYSTAL LAKE was constructed in the 1990's; and

**WHEREAS,** a need to review the existing yield signs was requested by the residents;

**WHEREAS,** the City's Traffic Working Group reviewed the existing yield signs in the subdivision.

**NOW THEREFORE BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE,** as follows:

SECTION I: All traffic proceeding in an easterly direction on Juniper Lane shall stop at the intersection of Juniper Lane and Forest Drive before continuing.

SECTION II: All traffic proceeding in a south-easterly direction on Forest Drive shall stop at the intersection of Forest Drive and Greenview Drive before continuing.

SECTION III: That suitable signs and markers shall be erected.

SECTION IV: That any person, firm, or corporation violating any provision of this Ordinance shall be fined in accordance with Chapter 1, Article II providing for General Penalty Provision in the Code of Ordinances of the City of Crystal Lake, Illinois.

SECTION V: That this Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

SECTION VI: All ordinances and parts of ordinances in conflict herewith are hereby repealed.

Draft

DATED this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois Municipal Corporation

_____
Haig Haleblian, MAYOR

SEAL

ATTEST:

_____
CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

**From:** DAVID ALBERS
**To:** Abigail Wilgreen PE CFM
**Subject:** Greenbriar Park traffic Signing
**Date:** Friday, October 20, 2023 6:53:21 PM

CAUTION: This email originated from outside of the organization. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Abigail,
I like the way you have notified our neighborhood about the recommended signing changes. I agree with you that the limited sight distance warrants using stop signs instead of yield signs. However, the problem at the Juniper Lane approach to Forest Drive will not be sufficiently addressed by merely changing the sign type. A driver's view of the traffic control sign is severely blocked by the low branches of the nearby poorly placed tree in the south Juniper Lane parkway. The resolution will require shifting the location of the stop sign further north and trimming the obstructing tree.
In addition to the signing changes you have recommended, I suggest consideration be given to painting a centerline around the curve of the Oak Vally Drive/Forest Drive intersection. Westbound cars often traverse into the opposite lane when negotiating the curve. I have seen a couple of near misses with northbound cars approaching the stop.
I also wish steps could be taken to improve the sight distance at the Grandview Drive intersection with Pingree Road. Westbound cars must generally advance beyond the crosswalk to see approaching northbound traffic on Pingree Road due to sight distance obstructions created by the spruce trees.
Best Regards,
David Albers

**From:** bill bianchi
**To:** Abigail Wilgreen PE CFM
**Subject:** Greenbrier Park Traffic Signs
**Date:** Wednesday, October 18, 2023 4:40:56 PM

CAUTION: This email originated from outside of the organization. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Abigail,

I got your letter in today's mail about changing the yield signs to stop signs.

I have lived in the subdivision for 33 years. I don't recall there ever being an accident at the corners you mention. This is a strictly residential neighborhood. People tend to drive in a slower manner thru the streets. I don't see what you expect to gain by changing yield signs to stops. To me this is completely unnecessary and a waste of taxpayer dollars.

Regards,

William Bianchi

Sent from Mail for Windows

**Agenda Item No: 15**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

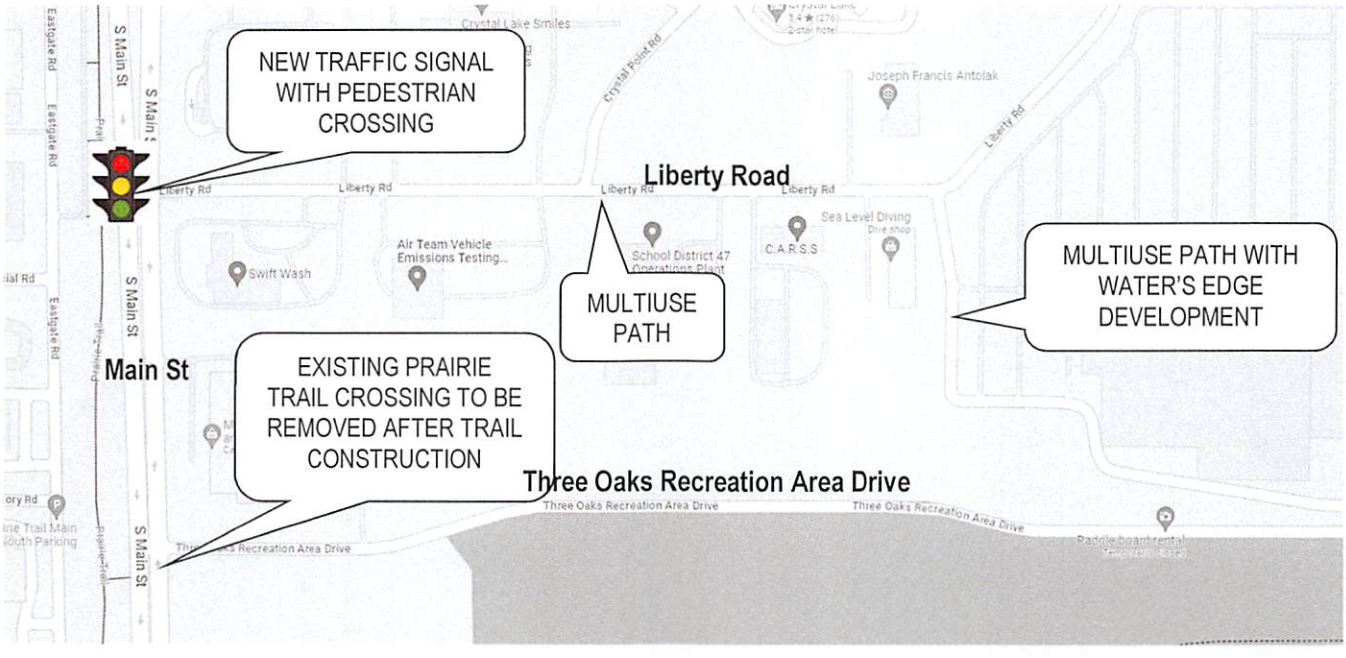
**Item:** Resolution Supporting the Application for the Surface Transportation Program (STP) grant funding for the Main Street at Liberty Road Improvement Project

**Staff Recommendation:** Motion to adopt a Resolution supporting the application for Surface Transportation Program (STP) grant funding for the Main Street at Liberty Road Improvement Project

**Staff Contact:** Michael P. Magnuson, Director of Public Works and Engineering

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**Background:**
The intersection of Main Street and Liberty Road warrants the installation of a new traffic signal to improve safety. A proposed multiuse path is also included in the project along the south side of Liberty Road to connect users to a proposed multiuse path with the Waters Edge development. This path connects to the existing path along Three Oaks Recreation Area Drive. The current pedestrian crossing at Main Street and Three Oaks Recreation Area Drive will be removed after the signal and path are constructed on Liberty Road and after a path is constructed by a developer on the east side of S. Main St. connecting Berkshire Drive to Three Oaks Recreation Area Drive.



After adoption of this Resolution, staff will submit this project for the Surface Transportation Program (STP) call for projects. Should the project be awarded the STP grant funds, the preliminary and design engineering would be funded by the City (estimated at $160,000) with construction and construction oversight being funded 80% with federal STP funds and 20% by the local agency (estimated at $286,000).

A resolution of support is a requirement of the grant application submittal. Therefore, the City Council is requested to adopt the attached resolution so that it may be included in the STP application.

This project is in the City's Capital Improvement Program (CIP). The City's local share portion would be paid for using MFT funds. A portion of the engineering is currently included in the FY 2023/2024 Capital Budget.

**Votes Required to Pass:**
Simple Majority




# RESOLUTION

**WHEREAS,** the CITY OF CRYSTAL LAKE desires to participate in the construction of a new traffic signal at the intersection of Main Street and Liberty Road along with a new multiuse path along Liberty Road; and

**WHEREAS,** a Surface Transportation Program (STP) Grant will fund 80% of the construction for the project with 20% to be paid for with local funds.

**NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE, ILLINOIS,** that the foregoing recitals are repeated and incorporated as though fully set forth herein; and:

**BE IT FURTHER RESOLVED** that the Mayor and City Council support the Main Street at Liberty Road Improvement Project and fully support all efforts in including this project in the Surface Transportation Program; and

**BE IT FURTHER RESOLVED** that the City will secure and provide the necessary local match required for the STP funding so long as the project is awarded STP funding; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute any required documents associated with the grant application process.

**DATED** this 21st day of November 2023.

Draft

CITY OF CRYSTAL LAKE, an Illinois Municipal Corporation

BY: _____
Haig Haleblian, MAYOR

SEAL

ATTEST:

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

**Agenda Item No: 16**

# City Council
# Agenda Supplement

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| | |
|---|---|
| **Meeting Date:** | November 21, 2023 |
| **Item:** | Purchasing Cooperative – HD Dump Truck Purchase |
| **Staff Recommendation:** | Motion to adopt a Resolution authorizing the City Manager to execute an agreement with Bonnell Industries, Dixon, IL for the purchase of three (3) new dump trucks with snow removal equipment in the amount of $1,017,947.72 through the Sourcewell Purchasing Cooperative, Contract #'s 155880 and 155877 |
| **Staff Contact:** | Michael Magnuson, P.E., Director of Public Works & Engineering |

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## Background:

The City's snow removal operations consists of 18 plow routes operated by a fleet of heavy duty dump trucks with snow plows, lights, cameras, controls, salt and anti-icing liquid dispensing equipment. These trucks are replaced on a cycle of approximately 10-12 years to control maintenance and repair costs. The 2023/2024 fiscal year Public Works budget identifies the need to acquire three (3) new Dump Trucks. These dump trucks are critical pieces of equipment and are utilized year-round in emergency operations such as storm damage (tree and debris removal) and are critical for snow removal operations. They are also utilized for excavation, landscaping, asphalt work, and other various projects throughout the City.

## Discussion:

***Sourcewell Purchasing Cooperative***

The City participates in a number of purchasing cooperatives as authorized in Chapter 102 of the City Code. Cooperative contracts are utilized by many government agencies at the federal, state, and local levels. Cooperative purchasing is popular because it can save significant time and money in contract production as well as lower contract prices through the power of aggregation. In simple terms, cooperative purchasing involves sharing procurement contracts between governments. Sourcewell is a government-managed, public, national municipal contracting agency that facilitates the bidding and contracting process on behalf of its members. Sourcewell contracts are solicited, awarded, and monitored by a public agency with a publicly elected board of directors. As a result, Sourcewell offers its members the opportunity to purchase equipment through nationally leveraged contracts.

**Recommendations:**

It is the recommendation of the Public Works Department to purchase three (3) new Dump Trucks from Bonnell Industries, Inc., through the Sourcewell Contract #'s 155880 and 155877 in the amount of $1,017,947.72. Supply chain issues along with long lead times for vehicle production will result in these trucks arriving in late 2024 or early 2025. Funds to purchase this equipment are included in the Fiscal Year 2023/2024 Budget. They will be re-budgeted in future fiscal years to align the expense with the receipt of the vehicles.

**Votes Required to Pass:**

Simple Majority

# RESOLUTION

**WHEREAS** the City relies on heavy duty dump trucks to accomplish critical storm and snow removal operations as well as other construction and maintenance tasks; and

**WHEREAS** the acquisition of three dump trucks equipped with snow removal equipment has been identified.

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a Purchase Agreement between the CITY OF CRYSTAL LAKE and Bonnell Industries, Inc. for the purchase of three (3) new heavy duty dump trucks equipped with snow removal equipment in the amount of $ 1,017,947.72.

**DATED** this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois Municipal Corporation,

By:_____
Haig Haleblian, MAYOR

SEAL

ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT
Sourcewell Contract Number: 062222-BNL

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

# Quote

**Quote Number:** 0169338
**Quote Date:** 10/27/2023
**Sourcewell ID:** 19913

FINANCING AVAILABLE
ASK US FOR DETAILS

**Bill To:** 0002021
CITY OF CRYSTAL LAKE
100 W WOODSTOCK STREET
CRYSTAL LAKE, IL 60014

**Ship To:** 01
CITY OF CRYSTAL LAKE
100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

Phone: (815) 459-2020 Fax: (815) 459-2350 dchristenson@crystallake.org

Phone:
Fax:

**Confirm To:** DON CHRISTENSON

Comment:

| Customer P.O. | Ship VIA | F.O.B. | Terms | Quote Expiration |
|---|---|---|---|---|
| | CALL CUSTOMER | DIXON | Net 30 Days | 11/27/2023 |

| Ordered | Unit | Item Number |
|---|---|---|
| 1.00 | EACH | **TRUCK PACKAGE** |

SOURCEWELL # 155877 COMPLETE SNOW FIGHTER PACKAGE "ULTIMATE LEVEL"
SINGLE AXLE CLASS

$135,451.95

APPLICATION: ONE NEW KENWORTH T480H SINGLE AXLE CLASS 7 SNOW AND ICE TRUCK WITH A 102.5" 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
- WING, (FRONT MOUNTED PATROL)
- UNDER TAILGATE SPEADER
- PREWET SYSTEM, (MOUNTED BEHIND CAB)

THE FOLLOWING ADDTIONAL ITEMS ARE INCLUDED:

- POLY FULL COVER FENDERS MANUFACTURED BY MINIMIZER
- FENDER BRACKET MAT'L: STAINLESS
- FRAME COATING, (NOX-RUST 1523 UNDERCOATING)
- EXTRA LOAD SUPPORT, FRONT CURB SIDE AIR BAG
- CONSPICUITY TAPE AS SPECIFIED, 4" WIDE YELLOW.

INSTALLED EQUIPMENT DETAILS ARE LISTED BELOW:

1.00 EACH **CHASSIS**

- 2024 KENWORTH T480 SINGLE AXLE CAB AND CHASSIS-102.5" CA PAINTED RED

NOTE: THE CHASSIS PRICE IS $156,259.00 BASED ON CURRENT PRICES
CHASSIS PRICE INCLUDES AN EXTENDED WARRANTY
IF THE MANUFACTURER HAS A PRICE INCREASE THEN IT WILL BE PASSED ON TO THE CUSTOMER
THE CHASSIS PRICE IS INCLUDED IN THE TOTAL TRUCK PACKAGE

Continued

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT
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CRYSTAL LAKE, IL 60014

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100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

Phone: (815) 459-2020 Fax:(815) 459-2350 dchristenson@crystallake.org

Phone:
Fax:

**Confirm To:** DON CHRISTENSON

Comment:

| Customer P.O. | Ship VIA | F.O.B. | Terms | Quote Expiration |
|---|---|---|---|---|
| | CALL CUSTOMER | DIXON | Net 30 Days | 11/27/2023 |

| Ordered | Unit | Item Number |
|---|---|---|
| 1.00 | EACH | **DUMP BODY** |

- DURACLASS 10'-0" 201-2B STAINLESS DUMP BODY
- CROSSMEMBERLESS
- DOUBLE ACTING UNDER BODY HOIST
- 10" I-BEAM LONGSILLS OF CARBON STEEL
- 1/4" AR450 ABRASION RESISTANT FLOOR
- 36" 3/16" 201-2B STAINLESS SIDES-(ONE HORIZONTAL BRACE)
- 36" 3/16" 201-2B STAINLESS FRONT
- 36" 3/16" 201-2B STAINLESS VERTICAL TAILGATE-(6 PANEL DESIGN)
- 201-2B STAINLESS CORNER POST
- ELECTRIC OVER AIR T-GATE LATCH
- GREASABLE TAILGATE LINKAGE INCLUDING UPPER HINGE
- TAILGATE LATCH MANUAL OVERRIDE INSTALLED
- STAINLESS STEEL TAILGATE LATCH LINKAGE
- LABOR TO INSTALL CUSTOM CAB SHIELD
- 2 RUNG UNDERBODY LADDER INSTALLED
- LADDER INSTALLED ON CURB SIDE
- HAND HOLDS ABOVE LADDER INSTALLED
- TWO SHOVEL HOLDERS-1 PER SIDE INSTALLED
- RIGID REAR RUBBER MUD FLAPS INSTALLED
- STAINLESS CHAIN HOOKS ON LOWER CENTER OF T-GATE
- (1) 700 SERIES LIGHT BOX IN EACH CORNER POST
- TRIPLE FLASHER BRACKET MOUNTED OUTSIDE OF CORNER POST
- CONDUIT FOR WIRING CAB SHIELD LIGHTS AND CAMERAS
- 1/4X2 FLAT BAR SIDE RAIL INSTALLED
- ONE INSIDE BODY STEP INSTALLED
- PREPPED FOR NEW TAILGATE SPREADER
- INTEGRAL T-GATE SHIELDS & HARDWARE FOR T-GATE PROPS
- BODY TOP BE PAINTED SINGLE STAGE ONE COLOR (RED)

| | | |
|---|---|---|
| 1.00 | EACH | **CAB SHIELD** |

CAB SHIELD - CUSTOM FABRICATED FOR SPECIFIED TRUCK AND BODY.
CONFIGURED AS FOLLOWS:

*MATERIAL IS TO BE 201 STAINLESS STEEL.
*PAN WIDTH- 22".
*WIDTH- DETERMINED.
*HEIGHT TO BE DETERMINED TO BOTTOM OF PAN.
*DOUBLE 600 SERIES OR M6 LIGHT BRACKETS.
*STAINLESS STEEL TO BE ELECTROCHEMICALLY CLEANED AND PASSIVATED.
**LIGHTING CODE: 11311

| | | |
|---|---|---|
| 1.00 | EACH | **HYDRAULIC SYSTEM** |

- PTO: OMFB 278 SERIES

Continued

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT
Sourcewell Contract Number: 062222-BNL

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|---|---|---|---|---|
| | CALL CUSTOMER | DIXON | Net 30 Days | 11/27/2023 |

| Ordered | Unit | Item Number |
|---|---|---|
| | | - PUMP: TXV92<br>- ADD-A-FOLD HYDRAULIC VALVE TO OPERATE:<br>HOIST, PLOW , WING, PREWET, AUGER, SPINNER<br>- "FORCE" ULTRA CONTROL ARM<br>- "FORCE" 6100 GEN5 SPREADER CONTROLLER<br>- "FORCE" VT35 STAINLESS STEEL TANK AND LID<br>- LOW OIL/HIGH TEMP AUTO SHUTDOWN SYSTEM<br>- EATON HP171 SERIES WITH SENSOR HIGH PRESSURE FILTER<br>- BRASS QUICK COUPLERS<br>- CLOSED LOOP PREWET CABLE<br>- CLOSED LOOP GRANULAR SENSOR<br><br>- BONNELL CONSOLE FOR ULTRA CONTROLLER ARM |
| 1.00 | EACH | **ELECTRICAL** |
| | | - ALL LED LIGHTING UNLESS OTHERWISE NOTED<br>- BONNELL IGNITION ACTIVATED BATTERY RELAY DISCONNECT SYSTEM<br>- InPOWER STANDARD 8 SWITCH PANEL WITH 4 WARNING LAMPS AND 16 OUTPUTS<br>- DATA SHEET REQUIRED<br>- BODY UP SWITCH WITH INDICATOR LAMP<br>- BONNELL WIRE HARNESSES<br><br>CAB ROOF LIGHTING AND ACCESSORIES<br><br>- WHELEN 17M IDOT LIGHT BAR AS FOLLOWS:<br>* FOUR CORNER FLASHERS<br>* TWO FRONT FACING FLASHERS<br>* 2 FRONT FACING SCENE LIGHTS<br><br>PLOW LIGHTING<br><br>- ABL-3830-0080 LED PLOW LIGHTS ON UNIVERSAL HOOD MOUNTING BRACKETS<br><br>BODY LIGHTING<br><br>- ONE PAIR WHE-70BTT 700 SERIES STT IN REAR POSTS<br>- ONE AMBER/WHITE/AMBER FLASHER MOUNTED IN A STAINLESS HOUSING ON OUTSIDE OF EACH CORNER POST<br>- MARKER LIGHTS PER FMVSS STANDARDS<br><br>REAR HITCH AND CHASSIS LIGHTING<br><br>- ONE PAIR WHELEN 60BTT STT LIGHTS ON REAR HITCH<br>- ONE CENTER WHELEN 40BUH BACKUP LIGHT ON REAR HITCH |

Continued

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT
Sourcewell Contract Number: 062222-BNL

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

# Quote

**Quote Number:** 0169338
**Quote Date:** 10/27/2023
**Sourcewell ID:** 19913

FINANCING AVAILABLE
ASK US FOR DETAILS

**Bill To:** 0002021
CITY OF CRYSTAL LAKE
100 W WOODSTOCK STREET
CRYSTAL LAKE, IL 60014

**Ship To:** 01
CITY OF CRYSTAL LAKE
100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

Phone: (815) 459-2020 Fax:(815) 459-2350 dchristenson@crystallake.org

Phone:
Fax:

**Confirm To:** DON CHRISTENSON

Comment:

| Customer P.O. | Ship VIA | F.O.B. | Terms | Quote Expiration |
|---|---|---|---|---|
| | CALL CUSTOMER | DIXON | Net 30 Days | 11/27/2023 |

| Ordered | Unit | Item Number |
|---|---|---|
| | | - PM-290C LICENSE PLATE LIGHT ON REAR HITCH<br>- ICC THREE LIGHT CLUSTER ON REAR HINGE OF BODY<br>- VEL-697112 BACK UP ALARM ON REAR HITCH OR FRAME<br><br>EQUIPMENT WORK LIGHTS AND FLASHERS<br><br>- ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER<br>- ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD<br>- LIGHTS ON SEPARATE SWITCHES<br>- ABL WING WORK LIGHT MOUNTED ON FRONT POST<br>- ABL WING WORK LIGHT MOUNTED ON EXHAUST BRKT<br>- TWO WHE-WPLOWZ1A FLASHERS MOUNTED TO WING MOLDBOARD<br><br>THREE CAMERA SYSTEM<br><br>- 1ST CAMERA MOUNTED ON L/H CORNER POST-AIM @ SPREADER<br>- 2ND CAMERA MOUNTED ON CAB SHIELD-AIMED INTO BOX<br>- 3RD CAMERA MOUNTED ON R/H CORNER POST-AIMED REARWARD<br>- CAMERA SYSTEM TO USE FORCE AMERICA DISPLAY |
| 1.00 | EACH | **REAR HITCH**<br><br>CONFIGURED AS FOLLOWS: YES<br>- REAR HITCH TYPE: CUSTOM PER BELOW<br>- 3/4" CARBON STEEL PLATE<br>- 100K PREMIER 2200 PINTLE HITCH-DIRECT MOUNTED<br>- STD PINTLE MTG HEIGHT<br>- SPECIAL PINTLE MOUNTING HEIGHT: 25" GROUND TO CRADLE<br>- TRAILER PLUG: 6 ROUND PIN<br>- CUTOUTS FOR 600/400 SERIES REAR LIGHTS<br>- HITCH MOUNTED GLAD HANDS<br>- 5/8" CARBON STEEL D-RINGS |
| 1.00 | EACH | **PLOW HITCH**<br>HITCH FOR SNOW PLOW<br>PLOW HITCH FOR A KW T480 W/ FRAME EXT. INSTALLED ON NEW TRUCK PACKAGE |
| 1.00 | EACH | **HFF-QX**<br>Heavy Front Frame Side Plate Hitch with QX Front Frame and Offset Lift Arm. (QAC Drop Pin Receiver with built in Two Pin Hookup.) |
| 1.00 | EACH | **H10170**<br>4in X 10in Double Acting Cylinder W/Nitrided Rod |
| 1.00 | EACH | **H10310** |

Continued

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CITY OF CRYSTAL LAKE
100 W WOODSTOCK STREET
CRYSTAL LAKE, IL 60014

**Ship To:** 01
CITY OF CRYSTAL LAKE
100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

Phone: (815) 459-2020 Fax: (815) 459-2350 dchristenson@crystallake.org

Phone:
Fax:

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Comment:

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|---|---|---|---|---|
| | CALL CUSTOMER | DIXON | Net 30 Days | 11/27/2023 |

| Ordered | Unit | Item Number |
|---|---|---|
| | | Stainless Hood Mounted Light Brackets. (Side of Hood) |
| 1.00 | EACH | **H10401**<br>5/8in Side Plates in Lieu of 1/2in (Not available on Utility) |
| 1.00 | EACH | **H10421**<br>Cross Over Relief Valve Kit with Pressure Release feature. (Installed or uninstalled) |
| 1.00 | EACH | **H10435**<br>Steel Channel Bumpers |
| 1.00 | EACH | **PLOW**<br><br>CONFIGURED AS FOLLOWS: YES<br>PAINTED: BLACK POLYURETHANE ENAMEL<br>NO EXTRA RIBS EXTRA RIBS |
| 1.00 | EACH | **12SP42TT1**<br>Base Model 12SP42TT1<br>Straight Snow Plow With 3/8" Polyethylene Front Sheet<br>12'-0" Cutting Edge X 42" Straight Height<br>Torsion Trip Cutting Edge<br>(4) 3/4" Round Wire Trip Springs<br>Heavy Duty Tubular Table/A-Frame Assembly<br>(2) 4X12 Reversing Cylinders<br>(5) Table To Moldboard Hookup Points |
| 1.00 | EACH | **P10130**<br>Level Raise Lift System with Lift Chains for High Country Plows (MX1 & MC1) |
| 1.00 | EACH | **P10210**<br>Quick attach loop (plow section installed) |
| 1.00 | EACH | **P10425**<br>3/8" x 12" Rubber flap kit installed |
| 1.00 | EACH | **P10465**<br>Plow stand - installed ( to hold hook up point @ desired height when detached) |
| 1.00 | EACH | **P10470**<br>36" Blaze orange markers |

Continued

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| Ordered | Unit | Item Number |
|---|---|---|
| 1.00 | EACH | **P10520**<br>7/8" x 5" C1084 Carbide cutting edges with 5/8" x 6" cover blade (in lieu of standard 5/8" x 6") |
| 1.00 | EACH | **P10556**<br>1/2" Stucci Brass Quick Couplers installed (one set/per plow) |
| 1.00 | EACH | **WING**<br>BONNELL WING PLOW<br>- WING PLOW PAINTED ORANGE, CONFIGURED AS FOLLOWS: |
| 1.00 | EACH | **8TEWFMP**<br>Front Mounted Patrol Wing<br>8'-0" Long At The Cutting Edge<br>Torsion Trip Cutting Edge Utilizing Four 7/8" Diameter Round Wire Torsion Trip Springs<br>Leading Edge Height 28"<br>Discharge End Height 34"<br>Painted as Specified |
| 1.00 | EACH | **W10100**<br>24in Hydraulic telescoping push bar/buffer (ILO Manual buffer) |
| 1.00 | EACH | **W10117**<br>24in Stroke on Front post cylinder (Toe) (20in benching height) (Patrol wing only) |
| 1.00 | EACH | **W10160**<br>Wing lock valve - installed to cylinder |
| 1.00 | EACH | **W10190**<br>24in Jumbo blade guide on dischrage end with bolt on bracket |
| 1.00 | EACH | **W10210**<br>Piping (conduit) for wing light wiring |
| 1.00 | EACH | **W10326**<br>Stucci Brass Quick Couplers in Lieu of Steel Couplers |
| 8.00 | EACH | **W10520**<br>7/8in x 5in Carbide cut edge with 5/8in x 6in cover blade in Lieu of Standard (Price Per Foot) |
| 1.00 | EACH | **W10532**<br>3/4" x 6" Tapered Wing curb shoe (Installed on Leading end of Plow) (Standard on all wings) |

Continued

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CRYSTAL LAKE, IL 60014

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100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

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|---|---|---|---|---|
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| Ordered | Unit | Item Number |
|---|---|---|
| 1.00 | EACH | **W10622**<br>5/8" x 6" (Three Bolt) Universal Bull Nose (Installed on Discharge end of Plow) |
| 1.00 | EACH | **PREWET SYSTEM**<br><br>BONNELL CONFIGURED PREWET SYSTEM<br>CONFIGURED AS FOLLOWS: YES<br>- PREWET SYSTEM CONFIGURED AS FOLLOWS: |
| 1.00 | EACH | **BC-240P-2-200**<br>Behind the Cab Prewet System with two 120 Gallon Poly Tanks, Stainless Steel Tank Brackets, and 2in Plumbing. |
| 1.00 | EACH | **L10120**<br>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**<br>2in Male Quick Fill Kit Installed. |
| 1.00 | EACH | **L10327**<br>Automatic 3-Way Valve in lieu of in line check valve. (Used on 6100 controllers only) Installed. |
| 1.00 | EACH | **L10355**<br>Flush Kit. (Includes small poly flush tank) Installed. |
| 1.00 | EACH | **L10365**<br>Liquid Level Switch Installed. |
| 1.00 | EACH | **UT SPREADER**<br><br>CONFIGURED AS FOLLOWS: YES<br>- UNDER TAILGATE SPREADER CONFIGURED AS FOLLOWS: INTERNAL FEEDBACK MOTORS CURRENTLY HAVE LONG LEAD TIMES |
| 1.00 | EACH | **U696-DD-S2**<br>Under Tailgate Spreader<br>6" Auger X 4" Pitch X 96" Overall length<br>Direct Drive Motor with 22.6 CI displacement<br>201 Stainless Steel<br>Includes Mounting Kit and Tailgate Shields<br>Unpainted unless Otherwise Specified |
| 1.00 | EACH | **U10100**<br>Single Drop Port 24in From Left End Of The Spreader. Standard On A 6in Spreader. |

Continued

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| Ordered | Unit | Item Number |
|---|---|---|
| | | Reverse Flighted Auger |
| 1.00 | EACH | **U10200** |
| | | 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 | **U10300** |
| | | Internal Feedback Sensor For A 6" Spreader Or For A 9" Spreader With A Gear Box. |
| 1.00 | EACH | **U10311** |
| | | Short Hose Kit for Bonnell Installations. Comes With Two Spinner Hoses, Two Drive Hoses, And Quick Disconnects. |
| 1.00 | EACH | **U10312** |
| | | Brass Quick Couplers ILO Steel |
| 1.00 | EACH | **U10325** |
| | | Light Bar With Stop, Turn, Tail, And 3 Light Cluster. |
| 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 | **CUSTOMIZATION** |
| | | #1 INSTALL A DUAL AIR BAG KIT ON CURB SIDE FRONT AXLE |
| | | #2 INSTALL A TWO RUNG STAINLESS PULL OUT LADDER , GRAB HANDLE AND INSIDE STEP ON CURB SIDE OF DUMP BODY |
| | | #3 INSTALL CUSTOMER SUPPLIED RADIO ANTENNA AND CABLE |
| 1.00 | EACH | **/SOURCEWELL SOURCE GOODS ADJ** |
| | | ALL ITEMS LISTED BELOW ARE OPEN PURCHASED REQUESTS (SOURCED GOODS) BY THE CUSTOMER TO ADD,DELETE OR REPLACE ITEMS #155877 ULTIMATE LEVEL SINGLE AXLE CLASS SNOW FIGHTER PACKAGE |
| | | $135,451.95 |
| | | - SL-316 10' STAINLESS DUMP BODY WITH UNDERBODY HOIST ILO A MTR-10-S2 10' STAINLESS MULTI PURPOSE DUMP BODY |

Continued

BONNELL INDUSTRIES INC
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| Ordered | Unit | Item Number |
|---|---|---|

- 240 GAL. PREWET SYSTEM MOUNTED BEHIND THE CAB ILO A 300 PREWET SYSTEM MOUNTED ON THE SIDES OF THE COMMANDER MULTI PURPOSE DUMP BODY
- A 8' FRONT MOUNTED PATROL WING
- A WHELEN 17M LED LIGHT BAR AND LIGHT PACKAGE ILO THE STANDARD LED LIGHT PACKAGE
- A DUAL AIR BAG FRONT AXLE LOAD SUPPORT KIT MOUNTED ON THE CURB SIDE
- A 12SP42TT1Q 12' SNOW PLOW ILO AN 11' 11ST42MX1 11' SNOW PLOW
- A 6" STAINLESS TAILGATE SPREADER
- A STT AND THREE MARKER LIGHT BAR MOUNTED ON REAR OF TAILGATE SPREADER

**/LICENSE FEE**
LICENSE PLATE FEES

**/PROCESSING**
PROCESSING FEE

**/TITLE**
TITLE PROCESSING

- **15% RESTOCKING FEE ON RETURNED ITEMS**
- **THIS QUOTE IS VALID FOR 30 DAYS. ALL QUOTES OVER 30 DAYS OLD ARE SUBJECT TO CHANGE AND REQUIRE A REQUOTE PRIOR TO ACCEPTANCE OF A PURCHASE ORDER.**
- **SIGNING THIS QUOTE CONSTITUTES YOUR ACCEPTANCE OF THIS QUOTE AND AGREEANCE THE QUOTE IS A BINDING COMMITMENT.**
- **SIGNING THIS QUOTE CONSTITUTES YOUR ACCEPTANCE NO CHANGES MAY BE MADE AFTER THE DATE OF SIGNATURE. ANY CHANGES REQUESTED AFTER THE DATE OF SIGNATURE WILL BE QUOTED SEPARATELY AND, IF APPLICABLE, WILL BE COMPLETED A SEPARATELY SCHEDULED TIME FRAME.**

| | |
|---|---|
| Net Order: | 323,632.00 |
| Less Discount: | 0.00 |
| Freight: | 0.00 |
| Sales Tax: | 0.00 |
| Quote Total: | 323,632.00 |

**AUTHORIZED APPROVAL CONTACT NAME (PRINTED):** _____

**AUTHORIZED APPROVAL CONTACT (SIGNATURE):** _____

**APPROVAL DATE:** _____ **CUSTOMER PO NUMBER:** _____

0008 Matt Hazelwood TG

KENWORTH

CIT TRUCKS - ROCKFORD (C260)
4301 N. BELL SCHOOL ROAD
LOVES PARK, Illinois 61111

BONNELL INDUSTRIES
1385 FRANKLIN GROVE RD
DIXON, Illinois 61021
United States of America

Jeff Heiser
Cell Phone:
Office Phone: 815-639-2000
Email: jheiser@cittrucks.com

BRANDON SAUNDERS
Cell Phone: 815-291-8144
Email: brandon.saunders@bonnell.com

# Vehicle Summary

**Unit**

| | |
|---|---|
| Model: | T480 Series Conventional |
| Type: | FULL TRUCK |
| Description 1: | BONNELL S AXLE T480 |
| Description 2: | C LAKE 2025 BONNELL S AXLE T480 |

**Application**

| | |
|---|---|
| Intended Serv.: | Snowplow: Vehicles which are configured |
| Commodity: | Rock |

**Body**

| | |
|---|---|
| Type: | Flatbed |
| Length (ft): | 10 |
| Height (ft): | 13 |
| Max Laden Weight (lbs): | 4000 |

**Trailer**

| | |
|---|---|
| No. of Trailer Axles: | 0 |
| Type: | |
| Length (ft): | 0 |
| Height (ft): | 0 |
| Kingpin Inset (in): | 0 |
| Corner Radius (in): | 0 |

**Restrictions**

| | |
|---|---|
| Length (ft): | 75 |
| Width (in): | 102 |
| Height (ft): | 13.5 |

**Chassis**

| | |
|---|---|
| Fr Axle Load (lbs): | 20000 |
| Rr Axle Load (lbs): | 24020 |
| G.C.W. (lbs): | 46001 |
| Road Conditions: | |
| Class A (Highway) | 90 |
| Class B (Hwy/Mtn) | 10 |
| Class C (Off-Hwy) | 0 |
| Class D (Off-Road) | 0 |
| Maximum Grade: | 6 |
| Wheelbase (in): | 172 |
| Overhang (in): | 68 |
| Fr Axle to BOC (in): | 69.5 |
| Cab to Axle (in): | 102.5 |
| Cab to EOF (in): | 170.5 |
| Overall Comb. Length (in): | 304 |

**Special Req.**

U.S. Domestic Registry, 50-state.

**Approved by:** _____ **Date:** _____

**Note: All sales are F.O.B. designated plant of manufacture.**

KENWORTH

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| **Model** | | | | |
| 0000480 | S | **T480 Series Conventional** | 123,353 | **10,386** |
| 0071001 | O | **T480 Vocational Hood** | 0 | **0** |
| 0080314 | O | **EPA Clean Idle Label - PACCAR PX Engines** | 36 | **0** |
| 0090161 | O | **T480 Single Rear** | 0 | **0** |
| 0098413 | O | **State of Registry: Illinois** | 0 | **0** |
| **Engine & Equipment** | | | | |
| 0130219 | O | **PACCAR PX-9 300 300@1850 860@1200, 2024**<br>With Turbo Exhaust Brake (VGT Brake)<br>N09420 C333 0.....Reserve Speed Limit Offset (<br>N09380 C334 0.....Maximum Cycle Distance (N202<br>N09360 C400 252...Reserve Speed Function Reset<br>N09200 C399 120...Standard Maximum Speed Limit<br>N09400 C401 10....Maximum Active Distance (N20<br>N09220 C402 0.....Expiration Distance (N207)<br>N09540 C395 0.....Expiration Distance (N209)<br>N09260 C121 68....Max Vehicle Speed in Top Gea<br>N09440 C234 NO....Engine Protection Shtdwn<br>N09460 C231 NO....Gear Down Protection<br>N09580 C133 5.....Idle Shtdwn Time<br>N09680 C233 NO....Idle Shtdwn Override<br>N09480 C132 1400..Max PTO Speed<br>N09300 C128 68....Max Cruise Control Speed<br>N09500 C239 NO....Cruise Control Auto Resume<br>N09520 C238 NO....Auto Engine Brake in Cruise<br>N09780 C190 80....High Ambient Temperature Thr<br>N09740 C188 40....Low Ambient Temperature Thre<br>N09760 C189 60....Intermediate Ambient Tempera<br>N09720 C382 YES...Enable Hot Ambient Automatic<br>N09600 C396 YES...Enable Impending Shutdown Wa<br>N09620 C397 60....Timer For Impending Shutdown<br>N09640 C206 35....Engine Load Threshold<br>N09560 C225 YES...Enable Idle Shutdown Park Br | 927 | **0** |
| 1000046 | O | **EPA Emissions Warranty Engine** | 0 | **0** |
| 1000151 | S | **PremierSpec** | 0 | **0** |
| 1000243 | O | **Gearing Analysis: Performance**<br>power before economy results. | 0 | **0** |
| 1000255 | O | **Customer's Typical Operating Spd: 68 MPH** | 0 | **0** |
| 1000524 | | **RegistrationYear**<br>Year of Registration: 2024 | 0 | **0** |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 1000684 | | **Effective VSL Setting NA** | 0 | 0 |
| 1000858 | O | **Engine Idle Shutdown Timer Disabled** | 0 | 0 |
| 1000859 | O | **Enable EIST Ambient Temp Overrule** | 0 | 0 |
| 1000891 | | **Eff EIST NA Expiration Miles**<br>Use only with MX and Cummins engines | 0 | 0 |
| 1002060 | S | **Air Compressor: Cummins 18.7 CFM For Cummins And**<br>PACCAR PX engines. | 0 | 0 |
| 1041399 | S | **Air Cleaner: MD Composite Engine Mounted** | 0 | 0 |
| 1093120 | O | **Inside/Outside Air Intake for Engine Mounted**<br>Air Cleaner | 909 | 16 |
| 1105232 | O | **Fan Hub: Horton Variable Speed**<br>For use with PX engines, L9N or B6.7N natural gas engines on 2.1M only. | 614 | 0 |
| 1121234 | O | **Cooling Module: 2.1M MD Vocational Hood,**<br>Clog Resistant, 1000 Square Inches | 477 | 10 |
| 1160205 | O | **Bugscreen**<br>Front of grille on 2.1M MD, C500 ,T800, T880, and W900.<br>Behind grille on T680 and 1.9M MD. | 132 | 2 |
| 1247263 | O | **EXH: Single Can 2024 RH Under with RH**<br>Side-of-Cab Vertical Tailpipe | 1,104 | 0 |
| 1290136 | O | **Tailpipe: 5 in. single 36 in. 45 degree curved.** | 210 | 15 |
| 1321102 | S | **Fuel Filter: PACCAR 2.1M MD for PX-7 or PX-9**<br>Fuel/water separator for 2021 and later engines. | 0 | 0 |
| 1321205 | O | **Run Aid:Fuel Heat**<br>*For Fuel Filter | 41 | 0 |
| 1321305 | O | **Start Aid:12V Heat**<br>*For Fuel Filter | 22 | 1 |
| 1500029 | O | **Kenworth Fuel Cooler**<br>Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications. | 170 | 0 |
| 1504006 | O | **Block Heater: PACCAR 750 watt 120V for PX-7**<br>and B6.7N. 1000 watt for PX-9 and ISL9 Engines. | 26 | 2 |
| 1816200 | O | **Alternator: SEG 200 amp, Brush Type**<br>Formerly Bosch. | -100 | 0 |
| 1821210 | O | **Batteries: 3 PACCAR GP31 Threaded Post (700-730)**<br>2100-2190 CCA dual purpose. | 182 | 62 |
| 1836106 | S | **Mitsubishi 105P55 12V Starter with Cummins and PX**<br>PACCAR 12 volt electrical system. W/ centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded. Only for Cummins or PX engines. | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 1840066 | O | **Cab Power Cutoff SW on Cab Floor**<br>NFPA Compliant - Engine Shut off. Includes gauge. | 316 | 2 |
| 1900996 | O | **Jump Start Terminals Under Hood.** | 71 | 0 |
| 1901018 | S | **Remote PTO/Throttle, 12-Pin, 250K, Back of Cab**<br>OR Back of Sleeper, J1939, Remote Control Provision | 0 | 0 |
| 1901084 | O | **Body Builder Battery Power Prewire** | 49 | 0 |
| **Transmission & Clutch** | | | | |
| 2011613 | O | **Transmission: Allison 3000RDS 6-speed, With PTO**<br>drive gear. 6th Generation controls. Includes heat exchanger & oil level sensor. Rugged Duty Series for vocational applications. Requires a push button shift control code. Oil temperature gauge is standard on class 8 models. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions. | 7,511 | 399 |
| 2406452 | O | **Driveline: 2 Dana SPL170XL 1 Centerbearing** | 478 | 16 |
| 2409941 | S | **One Heavy-Duty One-Piece Aluminum Crossmember**<br>This option upgrades an existing crossmember. The cost does not include the centerbearing and bracket. Crossmember location will be in accordance with Kenworth engineering standards, using the major components specified on the DTPO. | 0 | 0 |
| 2410018 | O | **Torque Converter Included W/ Allison**<br>Transmission. | 0 | 0 |
| 2410114 | O | **Left Hand PTO Access, Right Hand Dip Stick Tube**<br>Allison 3000 series only. | 42 | 0 |
| 2410153 | O | **Push Button Shifter Controls, Center Console**<br>Mounted for Allison Transmission. 2.1m Medium Duty only. | 0 | 0 |
| 2410204 | O | **Allison Fuel Sense: Delete** | 0 | 0 |
| 2410244 | O | **J1939 Park Brake Auto Neutral** | 0 | 0 |
| 2410310 | O | **Allison Neutral at Stop** | 0 | 0 |
| 2429358 | O | **Rear Transmission Support Springs for**<br>transmission PTO applications are required to ensure that engine flywheel housings are not overloaded when transmission PTO's are installed. | 93 | 0 |
| 2429378 | O | **Customer Installed Transmission PTO in the LH**<br>Mounted position (8 o'clock) for Allison 3000 & 4000 transmissions. | 0 | 0 |
| 2460069 | O | **Transmission Cooler: Automatic Transmission**<br>For use with 2.1M MD with Vocational Hood. Includes cooler protector. | 1,209 | 38 |
| **Front Axle & Equipment** | | | | |
| 2506181 | O | **Dana Spicer D2000 Front Axle rated 20K**<br>standard track. | 1,997 | 120 |
| 2641137 | O | **Front Brakes: 20K Meritor Q-Plus 16.5x6 in.** | 129 | -38 |
| 2690035 | O | **Front Brake Drum: 22K 16.5x6 in. cast.** | 40 | 104 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 2702022 | O | **Front Hubs Iron Hub Pilot 22,000 lbs. 10 Bolt** 16.5x6in. or 7in. or air disc brakes. 10 Bolt, 11-1/4 in. bolt circle. Consider Wheelguards (5850002) with aluminum wheels. | 339 | 80 |
| 2741970 | S | **ConMet PreSet Plus Hub Package; Front Axle.** | 0 | 0 |
| 2750001 | S | **Hubcap: Front Vented.** | 0 | 0 |
| 2765001 | S | **Front Auto Slack Adjuster for Drum Brakes.** | 0 | 0 |
| 2865025 | O | **Front Springs: Taperleaf 20K W/ Shock Absorbers** w/ maintenance-free elastomer spring pin bushings. | 266 | 99 |
| 2895305 | O | **Dual Power Steering Gears: 18/20K** | 1,044 | 75 |
| 2899336 | O | **Power Steering Cooler:Radiator Mounted Air-to-Oil** | 327 | 11 |
| 2900055 | O | **5 mm Front Suspension Spacer Block** | 0 | 0 |
| 2900612 | O | **Threaded Front Spring Bushings in Place of** elastomeric. | 62 | 0 |
| **Rear Axle & Equipment** | | | | |
| 3061190 | O | **Single Dana Spicer S26-190 Rear Axle; 26K** capacity rated at 26K. Single rear axle. | 1,621 | 208 |
| 3200557 | O | **Rear Axle Ratio - 5.57.** | 0 | 0 |
| 3354029 | O | **Single Rear Brakes 16.5X7" , 23,0001-26K;** Meritor P Series S-cam requires cast drums | 272 | 0 |
| 3392001 | O | **Single Rear Brake Heavy Duty Brake Drums: Cast.** Use HD Gunite Drum when single axle with GAWR over 23,000 lbs is selected. With 16.5X7" or 16.5X8.625" brake. | 114 | 0 |
| 3403220 | S | **Single Rear Hubs: Iron Hub Pilot 26k; 11.25" Bolt** circle. Requires "R" series outer ends. | 0 | 0 |
| 3441971 | S | **ConMet PreSet Plus Hub Package; Single Rear Axle.** | 0 | 0 |
| 3465001 | S | **Single Rear Axle Automatic Slack Adjusters.** For use with drum brakes. | 0 | 0 |
| 3485007 | S | **Spring Brake: 3030 Long Stroke Single 3 in.** travel. For drum brakes. Helps keep brakes in adjustment longer. | 0 | 0 |
| 3495226 | S | **Bendix 4S/4M Anti-Lock Brake System.** | 0 | 0 |
| 3531001 | O | **Wheel Differential Lock for Dana Spicer Axles** S21-170/172, S21-190, S23-170/172, S23-190, S26-190 & S30-190; adds D to the end of the axle part number. | 1,152 | 28 |
| 3652012 | O | **Rear suspension: Single Hendrickson Primaax EX262** 26K, 8.5 in. ride height. | 3,191 | -68 |
| 3832313 | O | **Bolted Rear Suspension Crossmembers for HAS** 210/210L or 230/230L. Replaces medium duty standard. | 0 | 0 |
| 3832320 | O | **Bolted Rear Suspension Crossmember for PRIMAAX** | 0 | 16 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| | | EX single. Replaces medium duty standard. | | |
| **Tires & Wheels** | | | | |
| 4030013 | O | **Front Tires: GoodYear Endurance WHA Duraseal** 315/80R22.5 20PR. | 1,570 | 62 |
| 4238001 | O | **Rear Tires: Goodyear Armor Max Pro Grade MSD** 11R22.5 16PR | 1,716 | 128 |
| 4900004 | O | **Rear Tire Quantity: 4** | 0 | 0 |
| 5045268 | O | **Front Wheel: Alcoa 89U63 22.5X9 AL** Ultra One High Polish Wheel. | 545 | -39 |
| 5245263 | O | **Rear Wheel: Alcoa 88565 22.5x8.25 aluminum,** with Lvl One [TM] High Polish finish, hub-pilot mount. 8000lb. maximum rating. Severe service. Air disc brake compatible. Code is priced per pair of wheels. | 1,054 | -60 |
| 5859010 | O | **Single Front Axle: 2 wheels Dura-Bright Mirror** Polish Dura-Bright outboard surface of aluminum wheels. | 238 | 0 |
| 5859011 | O | **Single Rear Axle Wheels: 2 Wheels Dura-Bright** Mirror Polish. Dura-Bright outboard surface of outer dual or single aluminum wheels. | 357 | 0 |
| 5900004 | O | **Rear Wheel/Rim Quantity: 4** | 0 | 0 |
| **Frame & Equipment** | | | | |
| 6056200 | O | **Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel to** 284 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail. | 266 | 191 |
| 6302460 | O | **Bumper: Tapered Painted Steel Channel.** Requires a bumper setting code. | 475 | 65 |
| 6319064 | O | **64 in. Bumper Setting. Requires a Bumper Code.** | 0 | 0 |
| 6321010 | S | **Front Tow Loops: Two** | 0 | 0 |
| 6390034 | O | **24 in. Frame Rail Extensions. Vocational Hoods** only. | 184 | 36 |
| 6391201 | O | **Custom Frame Layout: One Chassis** CFL F/T: customer wants | 1,380 | 0 |
| 6400645 | O | **Battery Box Cantilever Aluminum BOC with Full** polish. | 736 | 19 |
| 6409210 | O | **Rubber Battery Pad in Bottom of Battery Box.** For cantilever-style or between the rails battery boxes. | 12 | 2 |
| 6409902 | O | **Battery Box Location: RH Side.** | 89 | 0 |
| 6451126 | O | **DPF/SCR Box Polished End Plates and Polished** | 261 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| | | cover. | | |
| 6490139 | S | **Heavy-Duty One-PC Aluminum Intermediate/ Fill-In** crossmember. | 0 | 0 |
| 6490433 | S | **Heavy-Duty 5-Piece Rear Cab Support, Hucked** assembly. Huck fastened to frame. | 0 | 0 |
| 6721102 | S | **Rear Mudflap Arms: Betts B-25 Standard-Duty,** straight. Includes B1732 mounting brackets as standard. | 0 | 0 |
| 6722000 | S | **Rear Mudflap Shields: White Plastic Antisail W/** Kenworth logo. | 0 | 0 |
| 6742009 | S | **Square End-of-Frame W/O Crossmember; Non-Towing.** | 0 | 0 |
| **Fuel Tanks & Equip** | | | | |
| 7140060 | O | **60 US Gallon D-Shape Rectangular Aluminum Under** fuel tank, replace. With non-slip step. | 108 | 23 |
| 7722173 | O | **Large DEF Tank, 15 Gallons.** | 263 | 26 |
| 7839006 | O | **Polished Fuel Tank Steps.** | 29 | 0 |
| 7840015 | O | **Polish Only One Aluminum Tank.** | 142 | 0 |
| 7840038 | O | **Polished Cover for 1 DEF Tank Any Size.** | 241 | 3 |
| 7889061 | O | **Polished Stainless Steel Tank Straps for 1 Tank.** | 95 | 0 |
| 7889208 | O | **DEF to fuel fill ratio between 1.25:1 and 2:1.** | 0 | 0 |
| 7889368 | O | **Fuel Tank Drain Plug.** | 5 | 0 |
| 7889614 | S | **DEF Tank Location is LH BOC. For 2.1M Medium-Duty** | 0 | 0 |
| 7920060 | O | **Location: 60 gal fuel tank LH under cab** | 0 | 0 |
| **Cab & Equipment** | | | | |
| 8024311 | S | **Cab: Stamped Aluminum with Curved Windshield** LED markers. Requires seperate roof code. | 0 | 0 |
| 8090153 | O | **Hood: Sloped Vocational w/ Stationary Grille** w/ Chrome Crown | 1,803 | -24 |
| 8108002 | O | **Fine Particulate Filter for Cabin Air HVAC** system. To provide extra filtration in high dust applications. Cabin airflow is reduced with this additional filter. *Cannot be used with code 8108003. | 35 | 0 |
| 8108011 | S | **Cab HVAC - Day Cab and 40 in. Sleeper** System With Defrost, A/C, and 48,000 BTU/hr Heater. Includes automatic temperature control with one touch defrost operation and dash mounted cab temperature and solar intensity sensors. Pleated fresh air filter and cabin recirculation air filter standard. The Kenworth HVAC system is designed to provide optimal heating and cooling in all | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| | | operating environments without need for additional insulation. Cab HVAC without sleeper heater AC is available with 40in sleeper. | | |
| 8201013 | S | **Steering Wheel: 18 in. 4-Spoke.** | 0 | 0 |
| 8201200 | S | **Adjustable Telescoping Tilt Steering Column.** | 0 | 0 |
| 8203060 | O | **5 Sets of Keys. Replaces Standard 2 Sets of Keys.** | 34 | 0 |
| 8203197 | O | **Dash Mounted Compact Trailer Brake Valve.** Non-Self Returning. | 47 | 0 |
| 8205177 | O | **Dash Switch:1st Allison-Mounted PTO.** Electric switch and wiring are factory-installed to control the 1st Allison Trans mounted PTO. | 167 | 0 |
| 8205283 | O | **Info for C/I PTO: Chelsea 10 Bolt** | 0 | 0 |
| 8208494 | O | **One Spare Switch: Wired to Power.** | 40 | 0 |
| 8222400 | O | **Gauge: DD Virtual Gauge - Air Suspension** Pressure 1 | 72 | 0 |
| 8222409 | O | **Gauge: DD Virtual Gauge - Air Filter** Restriction | 0 | 0 |
| 8222411 | O | **Gauge: DD Virtual Gauge - Eng Pto Hour** | 36 | 0 |
| 8222413 | O | **Gauge: DD Virtual Gauge - Manifold** Pressure Boost | 0 | 0 |
| 8222414 | O | **Gauge: DD Virtual Gauge - Engine Percent** Torque | 0 | 0 |
| 8222419 | O | **Gauge: DD Virtual Gauge - Volts** Instrument Cluster | 0 | 0 |
| 8282024 | S | **Main Instrument Package: 7" Digital Display** Cluster. Includes Physical (Analog): Speedometer, Tachometer, Oil Pressure, and Coolant Temp; and Digital: Fuel Level #1, DEF Level, DPF Filter Status, Fuel Economy, Volts Telltale, OAT and Primary Air Pressure, Secondary Air Pressure, and Air Application for air brake trucks. | 0 | 0 |
| 8330591 | S | **Interior Trim Package: 2.1M MD Gray Foam** Backing/Cloth Headliner W/Gray Sunvisor & Seat Color Three Underdash Center Console Cupholders (Two If Allison Transmission Is Selected). | 0 | 0 |
| 8410217 | O | **Driver Seat: KW Premium Air Seat HB Tough Cloth** w/ Dual Armrests/Susp Cover/Isolator Lever/Seat Heater | 808 | 0 |
| 8480207 | O | **Rider Seat: KW Toolbox Seat HB Tough Cloth w/o** Armrests | 14 | 0 |
| 8490161 | O | **Seat Color: Black Replacing Standard Gray** | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 8601432 | O | **Kenworth Radio DEA710 AM/FM/WB/USB, Bluetooth** | 394 | 0 |
| 8698965 | O | **Speaker Package For Cab: (2) Speakers**<br>B-Pillar | 51 | 0 |
| 8699933 | O | **CB Installation Kit: C/I Center Mtd of Header w/**<br>Dual Antenna on LH/RH mirrors. One Jumper Harness. | 210 | 2 |
| 8700091 | O | **Ashtray Insert: W/ Cigar Lighter Located in**<br>center console. Deletes 1 12V outlet & 1 cupholder. | 33 | 0 |
| 8700161 | O | **Footwell Light: Red Lens & Switch** | 12 | 0 |
| 8700196 | S | **Turn Signal: Self-Cancelling** | 0 | 0 |
| 8700283 | S | **LH and RH Trip Ledge Rain Deflectors** | 0 | 0 |
| 8700663 | O | **Kenworth TruckTech+:**<br>This system provides the World's Best reporting of engine and aftertreatment fault codes, as well as enhanced support for the truck owner through rapid communication of fault severity and recommended actions. This is standard on all Kenworth models with a PACCAR MX engine, Cummins X15 engine, PX engine or Natural Gas engine. | 0 | 0 |
| 8800260 | O | **Long Grabhandle RH Side Mounted to Side-of-Cab**<br>exhaust. | 31 | 2 |
| 8800402 | S | **Dual Cab Interior Grabhandles: A Pillar Mounted**<br>Dash Wrap and B Pillar Mounted Grabhandles | 0 | 0 |
| 8832113 | S | **Kenworth Daylite Door With Standard LH/RH**<br>electric door locks and LH/RH electric window controls. | 0 | 0 |
| 8841411 | S | **Single Air Horn Under Cab.** | 0 | 0 |
| 8850139 | S | **Look-Down, Pass. Door, Black 11x6** | 0 | 0 |
| 8850841 | O | **Mirror Shell: Dual Aero Chrome** | 148 | 0 |
| 8860852 | O | **Mirror: Dual KW Aero Rear View**<br>Motor, heated with Integral CX | 66 | 0 |
| 8871446 | S | **Rear Cab Stationary Window 19in x 36in** | 0 | 0 |
| 8879917 | O | **Two Additional Outboard Windows 19in x 12in** | 149 | 10 |
| 8890101 | S | **One-Piece Bonded-In Windshield With Curved Glass.**<br>Standard. | 0 | 0 |
| 8890135 | O | **Exterior Stainless Steel Sunvisor.** | 761 | 11 |
| 8890356 | O | **4 1/4" Molded Wheelwell Fender Extension.** | 225 | 0 |
| 8890874 | O | **Kenworth Cab Air Suspension.** | 133 | 0 |
| 8891009 | O | **Thermal/Sound Insulation Package** | 265 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 8891011 | O | **Roof: Raised Profile, Stamped Aluminum w/** Additional Head Room & Interior Overhead Storage | 160 | 0 |
| **Lights & Instruments** | | | | |
| 9010813 | O | **Headlamps: Single Halogen Complex Reflector w/** Turn Indicator, Reflector and w/o DRL. Fender Mtd. | 0 | 0 |
| 9010951 | O | **Daytime Running Lights Located in Bumper.** Driven by Chassis Height. | 301 | 3 |
| 9022137 | S | **Marker Lights: Five, Rectangular, LED** | 0 | 0 |
| 9030052 | S | **LED Stop,Turn,Tail: With Two LED** Backup Lights and With An LED License Plate. | 0 | 0 |
| 9080206 | O | **Switch and Wiring:Cust. Installed Beacon Lights** With Additional 20ft Jumper Harness Shipped Loose | 203 | 1 |
| 9090058 | O | **Switch & Wiring: For Customer-Installed Plow** light. Includes circuit breaker. | 183 | 0 |
| 9090142 | O | **Wiring Only: For Customer-Installed Backup** alarm. | 56 | 0 |
| 9090151 | O | **Wiring:Cust. Install Trlr Elec. Brake Controller.** Class 8/T4 Content Includes Dash Signals: Ignition Power (20A), Ground, Stop Lamp and Electric Trailer Brake Controller Wired To EOF Junction Box. These Signals Are Located Near The NavPlus HD Area. No Need To Code For An Additional End of Frame Junction Box. EOF Junction Box Signals Are: Ground, Tail Lamp, Marker Lamp, Left Turn, Right Turn, Stop Lamp and Electric Trailer Brake Controller Wired To Dash. Medium Duty (not T4) Content Includes A MP 280 Series Connector In Dash Near Driver Door Connections With Signals: Battery Power (40A), Ground, Stop Lamp and Electric Trailer Brake Controller Wired To Chassis Connector. Medium Duty (not T4) 2 Way Deutsch Chassis Connector Located Near Back of Cab, With Signals: Ground and Electric Trailer Brake Controller Wired To Dash Connector. | 159 | 4 |
| 9090302 | O | **Junction Box: Mounted Behind Cab or Sleeper** Not Mounted at End of Frame. | 136 | 1 |
| 9090312 | O | **Body Builder Lighting Harness Coiled End Of Frame** For Additional Customer Installed Exterior Lighting. Harness Includes Circuits for Additional Customer Installed Tail Lamps, Turn Lamps, Stop Lamps, and Marker Lamps. | 154 | 0 |
| 9090849 | O | **Polyswitches Replacing Fuses. Switch Will** automatically reset after removal of excess load. | 43 | 0 |
| **Air Equipment** | | | | |
| 9101219 | O | **Air Dryer: Bendix AD-HF Extended Purge Heated** With Puraguard | 31 | 0 |
| 9108001 | S | **Moisture Ejection Valve W/ Pull Cable Drain.** | 0 | 0 |
| 9110020 | O | **Full Truck Kit** Gladhands mounted at end-of-frame. Seven-way female receptacle mounted at end-of-frame in taillamp bracket. Kit includes dash mounted trailer air supply valve, trailer hand control valve, and hoses/fittings for | 938 | 15 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| | | the valves. Dash mounted parking brake valve, tractor protection valve, and spring brake inversion/relay valves are standard. | | |
| 9140020 | S | **Nylon Air Tubing in Frame & Cab, Excluding Hoses** subject to excessive heat or flexing. | 0 | 0 |
| 9140252 | O | **Locate Air Dryer Inside LH Rail BOC.** This code requires the use of a custom frame layout code. | 0 | 0 |
| 9140328 | O | **Trailer ABS Electric Supply Through SAE J560** 7-pin connector per TMC RP137). | 0 | 0 |
| 9150170 | O | **Air Tanks: Aluminum Replacing Steel All Tanks.** *Not air tanks on lift axles. | 369 | -44 |
| **Extended Warranty** | | | | |
| 9200008 | S | **Base Warranty - PACCAR PX-9 Engine** 24 months / 250,000 miles / 402,336 km / 6250 hours. | 0 | 0 |
| 9200113 | O | **Severe Service Medium-Duty Warranty: 12 months/** 50,000 miles & km | 0 | 0 |
| 9203034 | O | **PACCAR EW: PX-9 Protect Plan 1 EPA24** 5YR/100K (160,935KM). Each code registered between 366 and 546 days after the vehicles in-service date will be subject to a $400 late fee. Coverage cannot be added after 200K MI or 545 days past the in-service date. | 1,720 | 0 |
| 9212661 | O | **TruckTech+ RD - 5YR Sub PACCAR PX Engines** | 799 | 0 |
| 9220001 | O | **Base Warranty: Emissions** 5YR/100K MI - EPA Engine | 0 | 0 |
| **Miscellaneous** | | | | |
| 9409852 | O | **GHG Secondary Manufacturer: Does Not Apply** | 0 | 0 |
| 9490003 | O | **Additional Lead Time Required for Off Highway &** /or specialty component truck. | 0 | 0 |
| 9490206 | O | **Warning Triangle Reflector Kit: Shipped Loose.** Kit consists of 3 triangles in plastic carrying case. Not floor mounted. | 58 | 4 |
| 9490404 | O | **One 5 lb. Dry Chemical Type Fire Extinguisher** mounted outboard of driver seat. Class ABC. | 126 | 11 |
| 9490645 | O | **Zinc Phosphate Frame Rail Paint Processing.** Requires frame rail code. Code is for 1 pair of rails. | 314 | 0 |
| 9491659 | S | **VMUX Architecture** | 0 | 0 |
| **Promotions** | | | | |
| **Paint** | | | | |
| 9700000 | O | **Paint Color Number(s).**<br>N9702 A - L1774 RED<br>N9770 BUMPER N0001 BLACK<br>N9720 FRAME N0001 BLACK | 0 | 0 |
| 9943014 | O | **Steel Bumper Painted Frame Color** | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 9943051 | O | **Day Cab Premium Paint** | 621 | 0 |
| 9944820 | S | **1 - Color Paint - Day Cab**<br>Color will be White if no other color is specified. | 0 | 0 |
| 9965510 | S | **Base Coat/ Clear Coat.**<br>The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint. | 0 | 0 |

### Special Requirements

Special Requirement 1 0098025
Special Requirement 2
Special Requirement 3
Special Requirement 4

### Order Comments

| | |
|---|---|
| **Total List Price (W/O Freight & Warranty & Surcharges)** | $167,578 |
| **Marketing and Service Support Fee** | $1,395 |
| **Prepaid Freight** | $3,625 |
| **Total Surcharge/Options Not Subject To Discount** | $2,519 |
| **Total Weight** | 12,036 |

## Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.
Dimensional and performance data for unpublished options may vary from that displayed in CRM.

***PRICING DISCLAIMER***

*While we make every effort to maintain the web site to preserve pricing accuracy, prices are subject to change without notice. Although the information in this price list is presented in good faith and believed to be correct at the time of printing, we make no representations or warranties as to the completeness or accuracy of this information. We reserve the right to change, delete or otherwise modify the pricing information which is represented herein without any prior notice. We carefully check pricing specifications, but occasionally errors can occur, therefore we reserve the right to change such prices without notice. We disclaim all liability for any errors or omissions in the materials. In no event will we be responsible for any damages of any nature whatsoever from the reliance upon information from these materials. Please check your order prebills to confirm your pricing information*

**Shipping Destinations**

**Intermediate Destination:**

| Final Destinations | Quantity |
|---|---|
| | |

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT
Sourcewell Contract Number: 062222-BNL

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

# Quote

**Quote Number:** 0169340
**Quote Date:** 10/27/2023
**Sourcewell ID:** 19913

**FINANCING AVAILABLE**
**ASK US FOR DETAILS**

**Bill To:** 0002021
CITY OF CRYSTAL LAKE
100 W WOODSTOCK STREET
CRYSTAL LAKE, IL 60014

**Ship To:** 01
CITY OF CRYSTAL LAKE
100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

Phone: (815) 459-2020 Fax:(815) 459-2350 dchristenson@crystallake.org

Phone:
Fax:

**Confirm To:** DON CHRISTENSON

Comment:

| Customer P.O. | Ship VIA | F.O.B. | Terms | Quote Expiration |
|---|---|---|---|---|
| | CALL CUSTOMER | DIXON | Net 30 Days | 11/27/2023 |

| Ordered | Unit | Item Number |
|---|---|---|
| 1.00 | EACH | **TRUCK PACKAGE** |

SOURCEWELL # 155880 COMPLETE SNOW FIGHTER PACKAGE "ULTIMATE LEVEL"
TANDEM AXLE CLASS

$142,561.75

APPLICATION: ONE NEW KENWORTH T480H TANDEM CLASS 8 SNOW AND ICE TRUCK WITH A 121.5" CAB TO TRUNNION 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
- WING, (FRONT MOUNTED PATROL)
- UNDER TAILGATE SPEADER
- PREWET SYSTEM, (MOUNTED BEHIND CAB)

THE FOLLOWING ADDTIONAL ITEMS ARE INCLUDED:

- POLY FULL COVER FENDERS MANUFACTURED BY MINIMIZER
- FENDER BRACKET MAT'L: STAINLESS
- FRAME COATING, (NOX-RUST 1523 UNDERCOATING)
- EXTRA LOAD SUPPORT, FRONT CURB SIDE AIR BAG
- CONSPICUITY TAPE AS SPECIFIED, 4" WIDE YELLOW.

INSTALLED EQUIPMENT DETAILS ARE LISTED BELOW:

1.00 EACH **CHASSIS**

- 2024 KENWORTH T480 TANDEM AXLE CAB AND CHASSIS-121.5 CT PAINTED VIPER RED

NOTE: THE CHASSIS PRICE IS $169,852.00 BASED ON CURRENT PRICES
CHASSIS PRICE INCLUDES AN EXTENDED WARRANTY
IF THE MANUFACTURER HAS A PRICE INCREASE THEN IT WILL BE PASSED ON TO THE CUSTOMER

Continued

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT
Sourcewell Contract Number: 062222-BNL

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

# Quote

**Quote Number:** 0169340
**Quote Date:** 10/27/2023
**Sourcewell ID:** 19913

FINANCING AVAILABLE
ASK US FOR DETAILS

**Bill To:** 0002021
CITY OF CRYSTAL LAKE
100 W WOODSTOCK STREET
CRYSTAL LAKE, IL 60014

**Ship To:** 01
CITY OF CRYSTAL LAKE
100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

Phone: (815) 459-2020 Fax:(815) 459-2350 dchristenson@crystallake.org

Phone:
Fax:

**Confirm To:** DON CHRISTENSON

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| Ordered | Unit | Item Number |
|---|---|---|
| | | THE CHASSIS PRICE IS INCLUDED IN THE TOTAL TRUCK PACKAGE |
| 1.00 | EACH | **DUMP BODY** |

- DURACLASS 13'-0" 201-2B STAINLESS DUMP BODY
- CROSSMEMBERLESS
- DOUBLE ACTING INV TRUNNION HEADLIFT HOIST
- 10" I-BEAM LONGSILLS OF CARBON STEEL
- 1/4" AR450 ABRASION RESISTANT FLOOR
- 42" 3/16" 201-2B STAINLESS SIDES-(ONE HORIZONTAL BRACE)
- 56" 3/16" 201-2B STAINLESS FRONT
- 42" 3/16" 201-2B STAINLESS VERTICAL TAILGATE-(6 PANEL DESIGN)
- 201-2B STAINLESS CORNER POST
- ELECTRIC OVER AIR T-GATE LATCH
- GREASABLE TAILGATE LINKAGE INCLUDING UPPER HINGE
- TAILGATE LATCH MANUAL OVERRIDE INSTALLED
- STAINLESS STEEL TAILGATE LATCH LINKAGE
- LABOR TO INSTALL CUSTOM CAB SHIELD
- 2 RUNG UNDERBODY LADDER INSTALLED
- LADDER INSTALLED ON CURB SIDE
- HAND HOLDS ABOVE LADDER INSTALLED
- TWO SHOVEL HOLDERS-1 PER SIDE INSTALLED
- RIGID REAR RUBBER MUD FLAPS INSTALLED
- STAINLESS CHAIN HOOKS ON LOWER CENTER OF T-GATE
- (1) 700 SERIES LIGHT BOX IN EACH CORNER POST
- TRIPLE FLASHER BRACKET MOUNTED OUTSIDE OF CORNER POST
- CONDUIT FOR WIRING CAB SHIELD LIGHTS AND CAMERAS
- 1/4X2 FLAT BAR SIDE RAIL INSTALLED
- TWO INSIDE BODY STEPS INSTALLED
- PREPPED FOR NEW TAILGATE SPREADER
- INTEGRAL T-GATE SHIELDS & HARDWARE FOR T-GATE PROPS
- BODY TOP BE PAINTED SINGLE STAGE ONE COLOR (RED)

1.00 EACH **CAB SHIELD**

CAB SHIELD - CUSTOM FABRICATED FOR SPECIFIED TRUCK AND BODY.
CONFIGURED AS FOLLOWS:

*MATERIAL IS TO BE 201 STAINLESS STEEL.
*PAN WIDTH- 22".
*WIDTH- DETERMINED.
*HEIGHT TO BE DETERMINED TO BOTTOM OF PAN.
*DOUBLE 600 SERIES OR M6 LIGHT BRACKETS.
*STAINLESS STEEL TO BE ELECTROCHEMICALLY CLEANED AND PASSIVATED.
**LIGHTING CODE: 11311

1.00 EACH **HYDRAULIC SYSTEM**

Continued

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|---|---|---|
| | | - PTO: OMFB 278 SERIES<br>- PUMP: TXV92<br>- ADD-A-FOLD HYDRAULIC VALVE TO OPERATE:<br>HOIST, PLOW , WING, PREWET, AUGER, SPINNER<br>- "FORCE" ULTRA CONTROL ARM<br>- "FORCE" 6100 GEN5 SPREADER CONTROLLER<br>- "FORCE" VT35 STAINLESS STEEL TANK AND LID<br>- LOW OIL/HIGH TEMP AUTO SHUTDOWN SYSTEM<br>- EATON HP171 SERIES WITH SENSOR HIGH PRESSURE FILTER<br>- BRASS QUICK COUPLERS<br>- CLOSED LOOP PREWET CABLE<br>- CLOSED LOOP GRANULAR SENSOR<br><br>- BONNELL CONSOLE FOR ULTRA CONTROLLER ARM |
| 1.00 | EACH | **ELECTRICAL** |
| | | - ALL LED LIGHTING UNLESS OTHERWISE NOTED<br>- BONNELL IGNITION ACTIVATED BATTERY RELAY DISCONNECT SYSTEM<br>- InPOWER STANDARD 8 SWITCH PANEL WITH 4 WARNING LAMPS AND 16 OUTPUTS<br>- DATA SHEET REQUIRED<br>- BODY UP SWITCH WITH INDICATOR LAMP<br>- BONNELL WIRE HARNESSES<br><br>CAB ROOF LIGHTING AND ACCESSORIES<br><br>- WHELEN 17M IDOT LIGHT BAR AS FOLLOWS:<br>* FOUR CORNER FLASHERS<br>* TWO FRONT FACING FLASHERS<br>* 2 FRONT FACING SCENE LIGHTS<br><br>PLOW LIGHTING<br><br>- ABL-3830-0080 LED PLOW LIGHTS ON UNIVERSAL HOOD MOUNTING BRACKETS<br><br>BODY LIGHTING<br><br>- ONE PAIR WHE-70BTT 700 SERIES STT IN REAR POSTS<br>- ONE AMBER/WHITE/AMBER FLASHER MOUNTED IN A STAINLESS HOUSING ON OUTSIDE OF EACH CORNER POST<br>- MARKER LIGHTS PER FMVSS STANDARDS<br><br>REAR HITCH AND CHASSIS LIGHTING<br><br>- ONE PAIR WHELEN 60BTT STT LIGHTS ON REAR HITCH |

Continued

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| | | - ONE CENTER WHELEN 40BUH BACKUP LIGHT ON REAR HITCH<br>- PM-290C LICENSE PLATE LIGHT ON REAR HITCH<br>- ICC THREE LIGHT CLUSTER ON REAR HINGE OF BODY<br>- VEL-697112 BACK UP ALARM ON REAR HITCH OR FRAME<br><br>EQUIPMENT WORK LIGHTS AND FLASHERS<br><br>- ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER<br>- ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD<br>- LIGHTS ON SEPARATE SWITCHES<br>- ABL WING WORK LIGHT MOUNTED ON FRONT POST<br>- ABL WING WORK LIGHT MOUNTED ON EXHAUST BRKT<br>- TWO WHE-WPLOWZ1A FLASHERS MOUNTED TO WING MOLDBOARD<br><br>THREE CAMERA SYSTEM<br><br>- 1ST CAMERA MOUNTED ON L/H CORNER POST-AIM @ SPREADER<br>- 2ND CAMERA MOUNTED ON CAB SHIELD-AIMED INTO BOX<br>- 3RD CAMERA MOUNTED ON R/H CORNER POST-AIMED REARWARD<br>- CAMERA SYSTEM TO USE FORCE AMERICA DISPLAY |
| 1.00 | EACH | **REAR HITCH**<br><br>CONFIGURED AS FOLLOWS: YES<br>- REAR HITCH TYPE: CUSTOM PER BELOW<br>- 1" CARBON STEEL PLATE<br>- 100K PREMIER 2200 PINTLE HITCH-DIRECT MOUNTED<br>- STD PINTLE MTG HEIGHT<br>- SPECIAL PINTLE MOUNTING HEIGHT: 25" GROUND TO CRADLE<br>- TRAILER PLUG: 6 ROUND PIN<br>- CUTOUTS FOR 600/400 SERIES REAR LIGHTS<br>- HITCH MOUNTED GLAD HANDS<br>- 5/8" CARBON STEEL D-RINGS |
| 1.00 | EACH | **PLOW HITCH**<br>HITCH FOR SNOW PLOW<br>PLOW HITCH FOR A KW T480 W/ FRAME EXT. INSTALLED ON NEW TRUCK PACKAGE |
| 1.00 | EACH | **HFF-QX**<br>Heavy Front Frame Side Plate Hitch with QX Front Frame and Offset Lift Arm. (QAC Drop Pin Receiver with built in Two Pin Hookup.) |
| 1.00 | EACH | **H10170**<br>4in X 10in Double Acting Cylinder W/Nitrided Rod |

Continued

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|---|---|---|
| 1.00 | EACH | **H10310**<br>Stainless Hood Mounted Light Brackets. (Side of Hood) |
| 1.00 | EACH | **H10401**<br>5/8in Side Plates in Lieu of 1/2in (Not available on Utility) |
| 1.00 | EACH | **H10421**<br>Cross Over Relief Valve Kit with Pressure Release feature. (Installed or uninstalled) |
| 1.00 | EACH | **H10435**<br>Steel Channel Bumpers |
| 1.00 | EACH | **PLOW**<br><br>CONFIGURED AS FOLLOWS: YES<br>PAINTED: BLACK POLYURETHANE ENAMEL<br>NO EXTRA RIBS EXTRA RIBS |
| 1.00 | EACH | **12SP42TT1**<br>Base Model 12SP42TT1<br>Straight Snow Plow With 3/8" Polyethylene Front Sheet<br>12'-0" Cutting Edge X 42" Straight Height<br>Torsion Trip Cutting Edge<br>(4) 3/4" Round Wire Trip Springs<br>Heavy Duty Tubular Table/A-Frame Assembly<br>(2) 4X12 Reversing Cylinders<br>(5) Table To Moldboard Hookup Points |
| 1.00 | EACH | **P10130**<br>Level Raise Lift System with Lift Chains for High Country Plows (MX1 & MC1) |
| 1.00 | EACH | **P10210**<br>Quick attach loop (plow section installed) |
| 1.00 | EACH | **P10425**<br>3/8" x 12" Rubber flap kit installed |
| 1.00 | EACH | **P10465**<br>Plow stand - installed ( to hold hook up point @ desired height when detached) |
| 1.00 | EACH | **P10470**<br>36" Blaze orange markers |

Continued

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| 1.00 | EACH | **P10520**<br>7/8" x 5" C1084 Carbide cutting edges with 5/8" x 6" cover blade (in lieu of standard 5/8" x 6") |
| 1.00 | EACH | **P10556**<br>1/2" Stucci Brass Quick Couplers installed (one set/per plow) |
| 1.00 | EACH | **WING**<br>BONNELL WING PLOW<br>- WING PLOW PAINTED ORANGE, CONFIGURED AS FOLLOWS: |
| 1.00 | EACH | **8TEWFMP**<br>Front Mounted Patrol Wing<br>8'-0" Long At The Cutting Edge<br>Torsion Trip Cutting Edge Utilizing Four 7/8" Diameter Round Wire Torsion Trip Springs<br>Leading Edge Height 28"<br>Discharge End Height 34"<br>Painted as Specified |
| 1.00 | EACH | **W10100**<br>24in Hydraulic telescoping push bar/buffer (ILO Manual buffer) |
| 1.00 | EACH | **W10117**<br>24in Stroke on Front post cylinder (Toe) (20in benching height) (Patrol wing only) |
| 1.00 | EACH | **W10160**<br>Wing lock valve - installed to cylinder |
| 1.00 | EACH | **W10190**<br>24in Jumbo blade guide on dischrage end with bolt on bracket |
| 1.00 | EACH | **W10210**<br>Piping (conduit) for wing light wiring |
| 1.00 | EACH | **W10326**<br>Stucci Brass Quick Couplers in Lieu of Steel Couplers |
| 8.00 | EACH | **W10520**<br>7/8in x 5in Carbide cut edge with 5/8in x 6in cover blade in Lieu of Standard (Price Per Foot) |
| 1.00 | EACH | **W10532**<br>3/4" x 6" Tapered Wing curb shoe (Installed on Leading end of Plow) (Standard on all wings) |

Continued

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| 1.00 | EACH | **W10622**<br>5/8" x 6" (Three Bolt) Universal Bull Nose (Installed on Discharge end of Plow) |
| 1.00 | EACH | **PREWET SYSTEM**<br><br>BONNELL CONFIGURED PREWET SYSTEM<br>CONFIGURED AS FOLLOWS: YES<br>- PREWET SYSTEM CONFIGURED AS FOLLOWS: |
| 1.00 | EACH | **BC-240P-2-200**<br>Behind the Cab Prewet System with two 120 Gallon Poly Tanks, Stainless Steel Tank Brackets, and 2in Plumbing. |
| 1.00 | EACH | **L10120**<br>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**<br>2in Male Quick Fill Kit Installed. |
| 1.00 | EACH | **L10327**<br>Automatic 3-Way Valve in lieu of in line check valve. (Used on 6100 controllers only) Installed. |
| 1.00 | EACH | **L10355**<br>Flush Kit. (Includes small poly flush tank) Installed. |
| 1.00 | EACH | **L10365**<br>Liquid Level Switch Installed. |
| 1.00 | EACH | **UT SPREADER**<br><br>CONFIGURED AS FOLLOWS: YES<br>- UNDER TAILGATE SPREADER CONFIGURED AS FOLLOWS: INTERNAL FEEDBACK<br>MOTORS CURRENTLY HAVE LONG LEAD TIMES |
| 1.00 | EACH | **U696-DD-S2**<br>Under Tailgate Spreader<br>6" Auger X 4" Pitch X 96" Overall length<br>Direct Drive Motor with 22.6 CI displacement<br>201 Stainless Steel<br>Includes Mounting Kit and Tailgate Shields<br>Unpainted unless Otherwise Specified |
| 1.00 | EACH | **U10100**<br>Single Drop Port 24in From Left End Of The Spreader. Standard On A 6in Spreader. |

Continued

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|---|---|---|
| | | Reverse Flighted Auger |
| 1.00 | EACH | **U10200** |
| | | Single Spinner Assembly Mounted At Standard Drop Port. (Standard On All Spreaders).<br>18" Poly Spinner with 2.8 Cubic Inch Spinner Motor |
| 1.00 | EACH | **U10300** |
| | | Internal Feedback Sensor For A 6" Spreader Or For A 9" Spreader With A Gear Box. |
| 1.00 | EACH | **U10311** |
| | | Short Hose Kit for Bonnell Installations.<br>Comes With Two Spinner Hoses, Two Drive Hoses, And Quick Disconnects. |
| 1.00 | EACH | **U10312** |
| | | Brass Quick Couplers ILO Steel |
| 1.00 | EACH | **U10325** |
| | | Light Bar With Stop, Turn, Tail, And 3 Light Cluster. |
| 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 | **CUSTOMIZATION** |
| | | #1 INSTALL A DUAL AIR BAG KIT ON CURB SIDE FRONT AXLE<br><br>#2 INSTALL A TWO RUNG STAINLESS PULL OUT LADDER , GRAB HANDLE AND INSIDE STEP ON CURB SIDE OF DUMP BODY<br><br>#3 INSTALL CUSTOMER SUPPLIED RADIO ANTENNA AND CABLE |
| 1.00 | EACH | **/SOURCEWELL SOURCE GOODS ADJ** |
| | | ALL ITEMS LISTED BELOW ARE OPEN PURCHASED REQUESTS (SOURCED GOODS) BY THE CUSTOMER TO ADD,DELETE OR REPLACE ITEMS #155877 ULTIMATE LEVEL SINGLE AXLE CLASS SNOW FIGHTER PACKAGE<br><br>$204,561.11<br><br>- 2024 KENWORTH T480 CAB AND CHASSIS WITH 121.5" PAINTED RED<br>- HPT-316 13' STAINLESS DUMP BODY WITH MAILHOT TELESCOPIC HOIST ILO A MTR-14-S2 14' STAINLESS COMMANDER MULTI PURPOSE DUMP BODY |

Continued

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- 240 GAL. PREWET SYSTEM MOUNTED BEHIND THE CAB ILO A 300 PREWET SYSTEM MOUNTED ON THE SIDES OF THE COMMANDER MULTI PURPOSE DUMP BODY
- A 8' FRONT MOUNTED PATROL WING
- A WHELEN 17M LED LIGHT BAR AND LIGHT PACKAGE ILO THE STANDARD LED LIGHT PACKAGE
- A DUAL AIR BAG FRONT AXLE LOAD SUPPORT KIT MOUNTED ON THE CURB SIDE
- A 12SP42TT1Q 12' SNOW PLOW ILO AN 11' 11ST42MX1 11' SNOW PLOW
- A 6" STAINLESS TAILGATE SPREADER
- A STT AND THREE MARKER LIGHT BAR MOUNTED ON REAR OF TAILGATE SPREADER

**/PROCESSING**
PROCESSING FEE

**/TITLE**
TITLE PROCESSING

**/LICENSE FEE**
LICENSE PLATE FEES

| | |
|---|---|
| Net Order: | 347,157.86 |
| Less Discount: | 0.00 |
| Freight: | 0.00 |
| Sales Tax: | 0.00 |
| Quote Total: | 347,157.86 |

- **15% RESTOCKING FEE ON RETURNED ITEMS**
- **THIS QUOTE IS VALID FOR 30 DAYS. ALL QUOTES OVER 30 DAYS OLD ARE SUBJECT TO CHANGE AND REQUIRE A REQUOTE PRIOR TO ACCEPTANCE OF A PURCHASE ORDER.**
- **SIGNING THIS QUOTE CONSTITUTES YOUR ACCEPTANCE OF THIS QUOTE AND AGREEANCE THE QUOTE IS A BINDING COMMITMENT.**
- **SIGNING THIS QUOTE CONSTITUTES YOUR ACCEPTANCE NO CHANGES MAY BE MADE AFTER THE DATE OF SIGNATURE. ANY CHANGES REQUESTED AFTER THE DATE OF SIGNATURE WILL BE QUOTED SEPARATELY AND, IF APPLICABLE, WILL BE COMPLETED A SEPARATELY SCHEDULED TIME FRAME.**

**AUTHORIZED APPROVAL CONTACT NAME (PRINTED):** _____

**AUTHORIZED APPROVAL CONTACT (SIGNATURE):** _____

**APPROVAL DATE:** _____ **CUSTOMER PO NUMBER:** _____

0008 Matt Hazelwood TG

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# Quote

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| Ordered | Unit | Item Number |
|---|---|---|
| 1.00 | EACH | **TRUCK PACKAGE** |

SOURCEWELL # 155880 COMPLETE SNOW FIGHTER PACKAGE "ULTIMATE LEVEL"
TANDEM AXLE CLASS

$142,561.75

APPLICATION: ONE NEW KENWORTH T480H TANDEM CLASS 8 SNOW AND ICE TRUCK WITH A 121.5" CAB TO TRUNNION 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
- WING, (FRONT MOUNTED PATROL)
- UNDER TAILGATE SPEADER
- PREWET SYSTEM, (MOUNTED BEHIND CAB)

THE FOLLOWING ADDTIONAL ITEMS ARE INCLUDED:

- POLY FULL COVER FENDERS MANUFACTURED BY MINIMIZER
- FENDER BRACKET MAT'L: STAINLESS
- FRAME COATING, (NOX-RUST 1523 UNDERCOATING)
- EXTRA LOAD SUPPORT, FRONT CURB SIDE AIR BAG
- CONSPICUITY TAPE AS SPECIFIED, 4" WIDE YELLOW.

INSTALLED EQUIPMENT DETAILS ARE LISTED BELOW:

1.00 EACH **CHASSIS**

- 2024 KENWORTH T480 TANDEM AXLE CAB AND CHASSIS-121.5 CT PAINTED VIPER RED

NOTE: THE CHASSIS PRICE IS $169,852.00 BASED ON CURRENT PRICES
CHASSIS PRICE INCLUDES AN EXTENDED WARRANTY
IF THE MANUFACTURER HAS A PRICE INCREASE THEN IT WILL BE PASSED ON

Continued

BONNELL INDUSTRIES INC
TRUCK & ROAD EQUIPMENT
Sourcewell Contract Number: 062222-BNL

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

# Quote

**Quote Number:** 0169339
**Quote Date:** 10/27/2023
**Sourcewell ID:** 19913

**FINANCING AVAILABLE**
**ASK US FOR DETAILS**

**Bill To:** 0002021
CITY OF CRYSTAL LAKE
100 W WOODSTOCK STREET
CRYSTAL LAKE, IL 60014

**Ship To:** 01
CITY OF CRYSTAL LAKE
100 W. WOODSTOCK STREET
CRYSTAL LAKE, IL 60014-4200

Phone: (815) 459-2020 Fax: (815) 459-2350 dchristenson@crystallake.org

Phone:
Fax:

**Confirm To:** DON CHRISTENSON

Comment:

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|---|---|---|
| | | TO THE CUSTOMER<br>THE CHASSIS PRICE IS INCLUDED IN THE TOTAL TRUCK PACKAGE |
| 1.00 | EACH | **DUMP BODY**<br><br>- DURACLASS 13'-0" 201-2B STAINLESS DUMP BODY<br>- CROSSMEMBERLESS<br>- DOUBLE ACTING INV TRUNNION HEADLIFT HOIST<br>- 10" I-BEAM LONGSILLS OF CARBON STEEL<br>- 1/4" AR450 ABRASION RESISTANT FLOOR<br>- 42" 3/16" 201-2B STAINLESS SIDES-(ONE HORIZONTAL BRACE)<br>- 56" 3/16" 201-2B STAINLESS FRONT<br>- 42" 3/16" 201-2B STAINLESS VERTICAL TAILGATE-(6 PANEL DESIGN)<br>- 201-2B STAINLESS CORNER POST<br>- ELECTRIC OVER AIR T-GATE LATCH<br>- GREASABLE TAILGATE LINKAGE INCLUDING UPPER HINGE<br>- TAILGATE LATCH MANUAL OVERRIDE INSTALLED<br>- STAINLESS STEEL TAILGATE LATCH LINKAGE<br>- LABOR TO INSTALL CUSTOM CAB SHIELD<br>- 2 RUNG UNDERBODY LADDER INSTALLED<br>- LADDER INSTALLED ON CURB SIDE<br>- HAND HOLDS ABOVE LADDER INSTALLED<br>- TWO SHOVEL HOLDERS-1 PER SIDE INSTALLED<br>- RIGID REAR RUBBER MUD FLAPS INSTALLED<br>- STAINLESS CHAIN HOOKS ON LOWER CENTER OF T-GATE<br>- (1) 700 SERIES LIGHT BOX IN EACH CORNER POST<br>- TRIPLE FLASHER BRACKET MOUNTED OUTSIDE OF CORNER POST<br>- CONDUIT FOR WIRING CAB SHIELD LIGHTS AND CAMERAS<br>- 1/4X2 FLAT BAR SIDE RAIL INSTALLED<br>- TWO INSIDE BODY STEPS INSTALLED<br>- PREPPED FOR NEW TAILGATE SPREADER<br>- INTEGRAL T-GATE SHIELDS & HARDWARE FOR T-GATE PROPS<br>- BODY TOP BE PAINTED SINGLE STAGE ONE COLOR (RED) |
| 1.00 | EACH | **CAB SHIELD**<br>CAB SHIELD - CUSTOM FABRICATED FOR SPECIFIED TRUCK AND BODY.<br>CONFIGURED AS FOLLOWS:<br><br>*MATERIAL IS TO BE 201 STAINLESS STEEL.<br>*PAN WIDTH- 22".<br>*WIDTH- DETERMINED.<br>*HEIGHT TO BE DETERMINED TO BOTTOM OF PAN.<br>*DOUBLE 600 SERIES OR M6 LIGHT BRACKETS.<br>*STAINLESS STEEL TO BE ELECTROCHEMICALLY CLEANED AND PASSIVATED.<br>**LIGHTING CODE: 11311 |
| 1.00 | EACH | **HYDRAULIC SYSTEM** |

Continued

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- PTO: OMFB 278 SERIES
- PUMP: TXV92
- ADD-A-FOLD HYDRAULIC VALVE TO OPERATE:
HOIST, PLOW , WING, PREWET, AUGER, SPINNER
- "FORCE" ULTRA CONTROL ARM
- "FORCE" 6100 GEN5 SPREADER CONTROLLER
- "FORCE" VT35 STAINLESS STEEL TANK AND LID
- LOW OIL/HIGH TEMP AUTO SHUTDOWN SYSTEM
- EATON HP171 SERIES WITH SENSOR HIGH PRESSURE FILTER
- BRASS QUICK COUPLERS
- CLOSED LOOP PREWET CABLE
- CLOSED LOOP GRANULAR SENSOR

- BONNELL CONSOLE FOR ULTRA CONTROLLER ARM

1.00 EACH **ELECTRICAL**

- ALL LED LIGHTING UNLESS OTHERWISE NOTED
- BONNELL IGNITION ACTIVATED BATTERY RELAY DISCONNECT SYSTEM
- InPOWER STANDARD 8 SWITCH PANEL WITH 4 WARNING LAMPS AND 16 OUTPUTS
- DATA SHEET REQUIRED
- BODY UP SWITCH WITH INDICATOR LAMP
- BONNELL WIRE HARNESSES

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 UNIVERSAL HOOD MOUNTING BRACKETS

BODY LIGHTING

- ONE PAIR WHE-70BTT 700 SERIES STT 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

Continued

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| | | - ONE PAIR WHELEN 60BTT STT LIGHTS ON REAR HITCH<br>- ONE CENTER WHELEN 40BUH BACKUP LIGHT ON REAR HITCH<br>- PM-290C LICENSE PLATE LIGHT ON REAR HITCH<br>- ICC THREE LIGHT CLUSTER ON REAR HINGE OF BODY<br>- VEL-697112 BACK UP ALARM ON REAR HITCH OR FRAME<br><br>EQUIPMENT WORK LIGHTS AND FLASHERS<br><br>- ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER<br>- ABL WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD<br>- LIGHTS ON SEPARATE SWITCHES<br>- ABL WING WORK LIGHT MOUNTED ON FRONT POST<br>- ABL WING WORK LIGHT MOUNTED ON EXHAUST BRKT<br>- TWO WHE-WPLOWZ1A FLASHERS MOUNTED TO WING MOLDBOARD<br><br>THREE CAMERA SYSTEM<br><br>- 1ST CAMERA MOUNTED ON L/H CORNER POST-AIM @ SPREADER<br>- 2ND CAMERA MOUNTED ON CAB SHIELD-AIMED INTO BOX<br>- 3RD CAMERA MOUNTED ON R/H CORNER POST-AIMED REARWARD<br>- CAMERA SYSTEM TO USE FORCE AMERICA DISPLAY |
| 1.00 | EACH | **REAR HITCH**<br><br>CONFIGURED AS FOLLOWS: YES<br>- REAR HITCH TYPE: CUSTOM PER BELOW<br>- 1" CARBON STEEL PLATE<br>- 100K PREMIER 2200 PINTLE HITCH-DIRECT MOUNTED<br>- STD PINTLE MTG HEIGHT<br>- SPECIAL PINTLE MOUNTING HEIGHT: 25" GROUND TO CRADLE<br>- TRAILER PLUG: 6 ROUND PIN<br>- CUTOUTS FOR 600/400 SERIES REAR LIGHTS<br>- HITCH MOUNTED GLAD HANDS<br>- 5/8" CARBON STEEL D-RINGS |
| 1.00 | EACH | **PLOW HITCH**<br><br>HITCH FOR SNOW PLOW<br>PLOW HITCH FOR A KW T480 W/ FRAME EXT. INSTALLED ON NEW TRUCK PACKAGE |
| 1.00 | EACH | **HFF-QX**<br><br>Heavy Front Frame Side Plate Hitch with QX Front Frame and Offset Lift Arm. (QAC Drop Pin Receiver with built in Two Pin Hookup.) |
| 1.00 | EACH | **H10170**<br><br>4in X 10in Double Acting Cylinder W/Nitrided Rod |

Continued

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| 1.00 | EACH | **H10310**<br>Stainless Hood Mounted Light Brackets. (Side of Hood) |
| 1.00 | EACH | **H10401**<br>5/8in Side Plates in Lieu of 1/2in (Not available on Utility) |
| 1.00 | EACH | **H10421**<br>Cross Over Relief Valve Kit with Pressure Release feature. (Installed or uninstalled) |
| 1.00 | EACH | **H10435**<br>Steel Channel Bumpers |
| 1.00 | EACH | **PLOW**<br><br>CONFIGURED AS FOLLOWS: YES<br>PAINTED: BLACK POLYURETHANE ENAMEL<br>NO EXTRA RIBS EXTRA RIBS |
| 1.00 | EACH | **12SP42TT1**<br>Base Model 12SP42TT1<br>Straight Snow Plow With 3/8" Polyethylene Front Sheet<br>12'-0" Cutting Edge X 42" Straight Height<br>Torsion Trip Cutting Edge<br>(4) 3/4" Round Wire Trip Springs<br>Heavy Duty Tubular Table/A-Frame Assembly<br>(2) 4X12 Reversing Cylinders<br>(5) Table To Moldboard Hookup Points |
| 1.00 | EACH | **P10130**<br>Level Raise Lift System with Lift Chains for High Country Plows (MX1 & MC1) |
| 1.00 | EACH | **P10210**<br>Quick attach loop (plow section installed) |
| 1.00 | EACH | **P10425**<br>3/8" x 12" Rubber flap kit installed |
| 1.00 | EACH | **P10465**<br>Plow stand - installed ( to hold hook up point @ desired height when detached) |
| 1.00 | EACH | **P10470** |

Continued

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| | | 36" Blaze orange markers |
| 1.00 | EACH | **P10520**<br>7/8" x 5" C1084 Carbide cutting edges with 5/8" x 6" cover blade (in lieu of standard 5/8" x 6") |
| 1.00 | EACH | **P10556**<br>1/2" Stucci Brass Quick Couplers installed (one set/per plow) |
| 1.00 | EACH | **WING**<br>BONNELL WING PLOW<br>- WING PLOW PAINTED ORANGE, CONFIGURED AS FOLLOWS: |
| 1.00 | EACH | **8TEWFMP**<br>Front Mounted Patrol Wing<br>8'-0" Long At The Cutting Edge<br>Torsion Trip Cutting Edge Utilizing Four 7/8" Diameter Round Wire Torsion Trip Springs<br>Leading Edge Height 28"<br>Discharge End Height 34"<br>Painted as Specified |
| 1.00 | EACH | **W10100**<br>24in Hydraulic telescoping push bar/buffer (ILO Manual buffer) |
| 1.00 | EACH | **W10117**<br>24in Stroke on Front post cylinder (Toe) (20in benching height) (Patrol wing only) |
| 1.00 | EACH | **W10160**<br>Wing lock valve - installed to cylinder |
| 1.00 | EACH | **W10190**<br>24in Jumbo blade guide on dischrage end with bolt on bracket |
| 1.00 | EACH | **W10210**<br>Piping (conduit) for wing light wiring |
| 1.00 | EACH | **W10326**<br>Stucci Brass Quick Couplers in Lieu of Steel Couplers |
| 8.00 | EACH | **W10520**<br>7/8in x 5in Carbide cut edge with 5/8in x 6in cover blade in Lieu of Standard (Price Per Foot) |
| 1.00 | EACH | **W10532** |

Continued

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| | | 3/4" x 6" Tapered Wing curb shoe (Installed on Leading end of Plow) (Standard on all wings) |
| 1.00 | EACH | **W10622**<br>5/8" x 6" (Three Bolt) Universal Bull Nose (Installed on Discharge end of Plow) |
| 1.00 | EACH | **PREWET SYSTEM**<br><br>BONNELL CONFIGURED PREWET SYSTEM<br>CONFIGURED AS FOLLOWS: YES<br>- PREWET SYSTEM CONFIGURED AS FOLLOWS: |
| 1.00 | EACH | **BC-240P-2-200**<br>Behind the Cab Prewet System with two 120 Gallon Poly Tanks, Stainless Steel Tank Brackets, and 2in Plumbing. |
| 1.00 | EACH | **L10120**<br>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**<br>2in Male Quick Fill Kit Installed. |
| 1.00 | EACH | **L10327**<br>Automatic 3-Way Valve in lieu of in line check valve. (Used on 6100 controllers only) Installed. |
| 1.00 | EACH | **L10355**<br>Flush Kit. (Includes small poly flush tank) Installed. |
| 1.00 | EACH | **L10365**<br>Liquid Level Switch Installed. |
| 1.00 | EACH | **UT SPREADER**<br><br>CONFIGURED AS FOLLOWS: YES<br>- UNDER TAILGATE SPREADER CONFIGURED AS FOLLOWS: INTERNAL FEEDBACK MOTORS CURRENTLY HAVE LONG LEAD TIMES |
| 1.00 | EACH | **U696-DD-S2**<br>Under Tailgate Spreader<br>6" Auger X 4" Pitch X 96" Overall length<br>Direct Drive Motor with 22.6 CI displacement<br>201 Stainless Steel<br>Includes Mounting Kit and Tailgate Shields<br>Unpainted unless Otherwise Specified |
| 1.00 | EACH | **U10100** |

Continued

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| | | 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). 18" Poly Spinner with 2.8 Cubic Inch Spinner Motor |
| 1.00 | EACH | **U10300** |
| | | Internal Feedback Sensor For A 6" Spreader Or For A 9" Spreader With A Gear Box. |
| 1.00 | EACH | **U10311** |
| | | Short Hose Kit for Bonnell Installations. Comes With Two Spinner Hoses, Two Drive Hoses, And Quick Disconnects. |
| 1.00 | EACH | **U10312** |
| | | Brass Quick Couplers ILO Steel |
| 1.00 | EACH | **U10325** |
| | | Light Bar With Stop, Turn, Tail, And 3 Light Cluster. |
| 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 | **CUSTOMIZATION** |
| | | #1 INSTALL A DUAL AIR BAG KIT ON CURB SIDE FRONT AXLE |
| | | #2 INSTALL A TWO RUNG STAINLESS PULL OUT LADDER , GRAB HANDLE AND INSIDE STEP ON CURB SIDE OF DUMP BODY |
| | | #3 INSTALL CUSTOMER SUPPLIED RADIO ANTENNA AND CABLE |
| 1.00 | EACH | **/SOURCEWELL SOURCE GOODS ADJ** |
| | | ALL ITEMS LISTED BELOW ARE OPEN PURCHASED REQUESTS (SOURCED GOODS) BY THE CUSTOMER TO ADD,DELETE OR REPLACE ITEMS #155877 ULTIMATE LEVEL SINGLE AXLE CLASS SNOW FIGHTER PACKAGE |
| | | $204,596.11 |
| | | - 2024 KENWORTH T480 CAB AND CHASSIS WITH 121.5" CT --PAINTED RED<br>- HPT-316 13' STAINLESS DUMP BODY WITH MAILHOT TELESCOPIC HOIST ILO A |

Continued

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MTR-14-S2 14' STAINLESS COMMANDER MULTI PURPOSE DUMP BODY
- 240 GAL. PREWET SYSTEM MOUNTED BEHIND THE CAB ILO A 300 PREWET SYSTEM MOUNTED ON THE SIDES OF THE COMMANDER MULTI PURPOSE DUMP BODY
- A 8' FRONT MOUNTED PATROL WING
- A WHELEN 17M LED LIGHT BAR AND LIGHT PACKAGE ILO THE STANDARD LED LIGHT PACKAGE
- A DUAL AIR BAG FRONT AXLE LOAD SUPPORT KIT MOUNTED ON THE CURB SIDE
- A 12SP42TT1Q 12' SNOW PLOW ILO AN 11' 11ST42MX1 11' SNOW PLOW
- A 6" STAINLESS TAILGATE SPREADER
- A STT AND THREE MARKER LIGHT BAR MOUNTED ON REAR OF TAILGATE SPREADER

**/PROCESSING**
PROCESSING FEE

**/TITLE**
TITLE PROCESSING

**/LICENSE FEE**
LICENSE PLATE FEES

- **15% RESTOCKING FEE ON RETURNED ITEMS**
- **THIS QUOTE IS VALID FOR 30 DAYS. ALL QUOTES OVER 30 DAYS OLD ARE SUBJECT TO CHANGE AND REQUIRE A REQUOTE PRIOR TO ACCEPTANCE OF A PURCHASE ORDER.**
- **SIGNING THIS QUOTE CONSTITUTES YOUR ACCEPTANCE OF THIS QUOTE AND AGREEANCE THE QUOTE IS A BINDING COMMITMENT.**
- **SIGNING THIS QUOTE CONSTITUTES YOUR ACCEPTANCE NO CHANGES MAY BE MADE AFTER THE DATE OF SIGNATURE. ANY CHANGES REQUESTED AFTER THE DATE OF SIGNATURE WILL BE QUOTED SEPARATELY AND, IF APPLICABLE, WILL BE COMPLETED A SEPARATELY SCHEDULED TIME FRAME.**

| | |
|---|---|
| Net Order: | 347,157.86 |
| Less Discount: | 0.00 |
| Freight: | 0.00 |
| Sales Tax: | 0.00 |
| Quote Total: | 347,157.86 |

**AUTHORIZED APPROVAL CONTACT NAME (PRINTED):** _____

**AUTHORIZED APPROVAL CONTACT (SIGNATURE):** _____

**APPROVAL DATE:** _____ **CUSTOMER PO NUMBER:** _____

0008 Matt Hazelwood TG

KENWORTH

CIT TRUCKS - ROCKFORD (C260)
4301 N. BELL SCHOOL ROAD
LOVES PARK, Illinois 61111

BONNELL INDUSTRIES
1385 FRANKLIN GROVE RD
DIXON, Illinois 61021
United States of America

Jeff Heiser
Cell Phone:
Office Phone: 815-639-2000
Email: jheiser@cittrucks.com

BRANDON SAUNDERS
Cell Phone: 815-291-8144
Email: brandon.saunders@bonnell.com

# Vehicle Summary

**Unit**

| | |
|---|---|
| Model: | T480 Series Conventional |
| Type: | FULL TRUCK |
| Description 1: | BONNELL TANDEM PLOW |
| Description 2: | C LAKE 2025 BONNELL TANDEM PLOW |

**Application**

| | |
|---|---|
| Intended Serv.: | Snowplow: Vehicles which are configured |
| Commodity: | Rock |

**Body**

| | |
|---|---|
| Type: | Flatbed |
| Length (ft): | 14 |
| Height (ft): | 13 |
| Max Laden Weight (lbs): | 4000 |

**Trailer**

| | |
|---|---|
| No. of Trailer Axles: | 0 |
| Type: | |
| Length (ft): | 0 |
| Height (ft): | 0 |
| Kingpin Inset (in): | 0 |
| Corner Radius (in): | 0 |

**Restrictions**

| | |
|---|---|
| Length (ft): | 75 |
| Width (in): | 102 |
| Height (ft): | 13.5 |

**Chassis**

| | |
|---|---|
| Fr Axle Load (lbs): | 20000 |
| Rr Axle Load (lbs): | 40000 |
| G.C.W. (lbs): | 60000 |

Road Conditions:

| | |
|---|---|
| Class A (Highway) | 90 |
| Class B (Hwy/Mtn) | 10 |
| Class C (Off-Hwy) | 0 |
| Class D (Off-Road) | 0 |
| Maximum Grade: | 6 |
| Wheelbase (in): | 191 |
| Overhang (in): | 75 |
| Fr Axle to BOC (in): | 69.5 |
| Cab to Axle (in): | 121.5 |
| Cab to EOF (in): | 196.5 |
| Overall Comb. Length (in): | 330 |

**Special Req.**

U.S. Domestic Registry, 50-state.

**Approved by:** _____ **Date:** _____

**Note: All sales are F.O.B. designated plant of manufacture.**

KENWORTH

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| **Model** | | | | |
| 0000480 | S | **T480 Series Conventional** | 123,353 | **10,386** |
| 0071001 | O | **T480 Vocational Hood** | 0 | **0** |
| 0080314 | O | **EPA Clean Idle Label - PACCAR PX Engines** | 36 | **0** |
| 0090162 | O | **T480 Tandem** | 0 | **0** |
| 0098413 | O | **State of Registry: Illinois** | 0 | **0** |
| **Engine & Equipment** | | | | |
| 0130226 | O | **PACCAR PX-9 370 370@1600 1250@1200, 2024**<br>With Turbo Exhaust Brake (VGT Brake)<br>N09420 C333 0.....Reserve Speed Limit Offset (<br>N09380 C334 0.....Maximum Cycle Distance (N202<br>N09360 C400 252...Reserve Speed Function Reset<br>N09200 C399 120...Standard Maximum Speed Limit<br>N09400 C401 10....Maximum Active Distance (N20<br>N09220 C402 0.....Expiration Distance (N207)<br>N09540 C395 0.....Expiration Distance (N209)<br>N09260 C121 68....Max Vehicle Speed in Top Gea<br>N09440 C234 NO....Engine Protection Shtdwn<br>N09460 C231 NO....Gear Down Protection<br>N09580 C133 5.....Idle Shtdwn Time<br>N09680 C233 NO....Idle Shtdwn Override<br>N09480 C132 1400..Max PTO Speed<br>N09300 C128 68....Max Cruise Control Speed<br>N09500 C239 NO....Cruise Control Auto Resume<br>N09520 C238 NO....Auto Engine Brake in Cruise<br>N09780 C190 80....High Ambient Temperature Thr<br>N09740 C188 40....Low Ambient Temperature Thre<br>N09760 C189 60....Intermediate Ambient Tempera<br>N09720 C382 YES...Enable Hot Ambient Automatic<br>N09600 C396 YES...Enable Impending Shutdown Wa<br>N09620 C397 60....Timer For Impending Shutdown<br>N09640 C206 35....Engine Load Threshold<br>N09560 C225 YES...Enable Idle Shutdown Park Br | 8,568 | **0** |
| 1000046 | O | **EPA Emissions Warranty Engine** | 0 | **0** |
| 1000151 | S | **PremierSpec** | 0 | **0** |
| 1000243 | O | **Gearing Analysis: Performance**<br>power before economy results. | 0 | **0** |
| 1000255 | O | **Customer's Typical Operating Spd: 68 MPH** | 0 | **0** |
| 1000524 | | **RegistrationYear**<br>Year of Registration: 2024 | 0 | **0** |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 1000684 | | **Effective VSL Setting NA** | 0 | 0 |
| 1000858 | O | **Engine Idle Shutdown Timer Disabled** | 0 | 0 |
| 1000859 | O | **Enable EIST Ambient Temp Overrule** | 0 | 0 |
| 1000891 | | **Eff EIST NA Expiration Miles**<br>Use only with MX and Cummins engines | 0 | 0 |
| 1002060 | S | **Air Compressor: Cummins 18.7 CFM For Cummins And**<br>PACCAR PX engines. | 0 | 0 |
| 1041399 | S | **Air Cleaner: MD Composite Engine Mounted** | 0 | 0 |
| 1093120 | O | **Inside/Outside Air Intake for Engine Mounted**<br>Air Cleaner | 909 | 16 |
| 1105232 | O | **Fan Hub: Horton Variable Speed**<br>For use with PX engines, L9N or B6.7N natural gas engines on 2.1M only. | 614 | 0 |
| 1121234 | O | **Cooling Module: 2.1M MD Vocational Hood,**<br>Clog Resistant, 1000 Square Inches | 477 | 10 |
| 1160205 | O | **Bugscreen**<br>Front of grille on 2.1M MD, C500 ,T800, T880, and W900.<br>Behind grille on T680 and 1.9M MD. | 132 | 2 |
| 1247263 | O | **EXH: Single Can 2024 RH Under with RH**<br>Side-of-Cab Vertical Tailpipe | 1,104 | 0 |
| 1290136 | O | **Tailpipe: 5 in. single 36 in. 45 degree curved.** | 210 | 15 |
| 1321102 | S | **Fuel Filter: PACCAR 2.1M MD for PX-7 or PX-9**<br>Fuel/water separator for 2021 and later engines. | 0 | 0 |
| 1321205 | O | **Run Aid:Fuel Heat**<br>*For Fuel Filter | 41 | 0 |
| 1321305 | O | **Start Aid:12V Heat**<br>*For Fuel Filter | 22 | 1 |
| 1500029 | O | **Kenworth Fuel Cooler**<br>Required for Cummins engines with a single fuel tank. Required for PACCAR MX-13 engine with a single fuel tank and stationary use: High RPM, low vehicle speed, sustained for longer than 1 hour. Optional for all other applications. | 170 | 0 |
| 1504006 | O | **Block Heater: PACCAR 750 watt 120V for PX-7**<br>and B6.7N. 1000 watt for PX-9 and ISL9 Engines. | 26 | 2 |
| 1816200 | O | **Alternator: SEG 200 amp, Brush Type**<br>Formerly Bosch. | -100 | 0 |
| 1821210 | O | **Batteries: 3 PACCAR GP31 Threaded Post (700-730)**<br>2100-2190 CCA dual purpose. | 182 | 62 |
| 1836106 | S | **Mitsubishi 105P55 12V Starter with Cummins and PX**<br>PACCAR 12 volt electrical system. W/ centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded. Only for Cummins or PX engines. | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 1840066 | O | **Cab Power Cutoff SW on Cab Floor**<br>NFPA Compliant - Engine Shut off. Includes gauge. | 316 | 2 |
| 1900996 | O | **Jump Start Terminals Under Hood.** | 71 | 0 |
| 1901020 | O | **Remote PTO/Throttle, 12-Pin, 500K, Back of Cab OR**<br>Back of Sleeper, J1939, Remote Control Provision | 123 | 0 |
| **Transmission & Clutch** | | | | |
| 2011613 | O | **Transmission: Allison 3000RDS 6-speed, With PTO**<br>drive gear. 6th Generation controls. Includes heat exchanger & oil level sensor. Rugged Duty Series for vocational applications. Requires a push button shift control code. Oil temperature gauge is standard on class 8 models. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions. | 7,511 | 399 |
| 2406452 | O | **Driveline: 2 Dana SPL170XL 1 Centerbearing** | 478 | 16 |
| 2409941 | S | **One Heavy-Duty One-Piece Aluminum Crossmember**<br>This option upgrades an existing crossmember. The cost does not include the centerbearing and bracket. Crossmember location will be in accordance with Kenworth engineering standards, using the major components specified on the DTPO. | 0 | 0 |
| 2410018 | O | **Torque Converter Included W/ Allison**<br>Transmission. | 0 | 0 |
| 2410114 | O | **Left Hand PTO Access, Right Hand Dip Stick Tube**<br>Allison 3000 series only. | 42 | 0 |
| 2410153 | O | **Push Button Shifter Controls, Center Console**<br>Mounted for Allison Transmission. 2.1m Medium Duty only. | 0 | 0 |
| 2410204 | O | **Allison Fuel Sense: Delete** | 0 | 0 |
| 2410244 | O | **J1939 Park Brake Auto Neutral** | 0 | 0 |
| 2410310 | O | **Allison Neutral at Stop** | 0 | 0 |
| 2429358 | O | **Rear Transmission Support Springs for**<br>transmission PTO applications are required to ensure that engine flywheel housings are not overloaded when transmission PTO's are installed. | 93 | 0 |
| 2429378 | O | **Customer Installed Transmission PTO in the LH**<br>Mounted position (8 o'clock) for Allison 3000 & 4000 transmissions. | 0 | 0 |
| 2460069 | O | **Transmission Cooler: Automatic Transmission**<br>For use with 2.1M MD with Vocational Hood. Includes cooler protector. | 1,209 | 38 |
| **Front Axle & Equipment** | | | | |
| 2506181 | O | **Dana Spicer D2000 Front Axle rated 20K**<br>standard track. | 1,997 | 120 |
| 2621078 | O | **Front Brakes: 22K Bendix ES S-Cam 16.5x6 in.** | -83 | -46 |
| 2690035 | O | **Front Brake Drum: 22K 16.5x6 in. cast.** | 40 | 104 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 2702022 | O | **Front Hubs Iron Hub Pilot 22,000 lbs. 10 Bolt** 16.5x6in. or 7in. or air disc brakes. 10 Bolt, 11-1/4 in. bolt circle. Consider Wheelguards (5850002) with aluminum wheels. | 339 | 80 |
| 2741970 | S | **ConMet PreSet Plus Hub Package; Front Axle.** | 0 | 0 |
| 2750001 | S | **Hubcap: Front Vented.** | 0 | 0 |
| 2765001 | S | **Front Auto Slack Adjuster for Drum Brakes.** | 0 | 0 |
| 2865025 | O | **Front Springs: Taperleaf 20K W/ Shock Absorbers** w/ maintenance-free elastomer spring pin bushings. | 266 | 99 |
| 2895305 | O | **Dual Power Steering Gears: 18/20K** | 1,044 | 75 |
| 2899336 | O | **Power Steering Cooler:Radiator Mounted Air-to-Oil** | 327 | 11 |
| 2900055 | O | **5 mm Front Suspension Spacer Block** | 0 | 0 |
| 2900612 | O | **Threaded Front Spring Bushings in Place of** elastomeric. | 62 | 0 |
| **Rear Axle & Equipment** | | | | |
| 3124403 | O | **Dual Dana Spicer DSP41 Rear Axle rated at 40K.** (DSP40 w/ heavy-wall housing) w/ 11mm housing and 1.88in. shaft diameter. Tandem rear axles. | 9,032 | 1,991 |
| 3200557 | O | **Rear Axle Ratio - 5.57.** | 0 | 0 |
| 3334004 | O | **Dual Rear Brakes 16-1/2x7 in. to 46K;** Bendix ES-extended service S-cam. | 0 | 0 |
| 3392005 | O | **Dual Rear Brake Drums: Cast.** For use with 16.5X7" or 16.5X8.625" brake. | 0 | 0 |
| 3403460 | O | **Dual Rear Hubs: Iron Hub Pilot 52K; 11.25" Bolt** circle. Requires "R" series outer ends. | 25 | 104 |
| 3441972 | O | **ConMet PreSet Plus Hub Package; Dual Rear Axle.** | 0 | 0 |
| 3465002 | O | **Tandem Rear Axle Automatic Slack Adjusters.** For use with drum brakes. | 0 | 0 |
| 3485207 | O | **Spring Brake: 3030 Long Stroke Dual 30 Square** inches travel. For drum brakes. Helps keep brakes in adjustment longer. | 102 | 4 |
| 3495226 | S | **Bendix 4S/4M Anti-Lock Brake System.** | 0 | 0 |
| 3500057 | O | **Interaxle Driveline: 1 Dana SPL170XL** Tandem Rear Axles Only | 513 | 96 |
| 3532130 | O | **Wheel Differential Lock for Dana Spicer Axles** DSP40/DSP41(P)/DSH40(P)/DSH44(P)/D40-155 forward rear axle & rear rear. Under Speed Interlock is standard on T680. | 2,217 | 37 |
| 3732100 | O | **Rear suspension: Tandem Hendrickson HAS402 40K.** 52 in. axle spacing. Steel crossmember & gussets with shocks at 7.9 in. height. Includes air suspension dump valve. Not rear air disc brake compatible. | 4,432 | 392 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 3832020 | O | **Edge Kit for HAS Single or Tandem Rear Suspension** | 123 | 10 |
| 3832315 | O | **Bolted Rear Suspension Crossmembers for RT403 or** HAS402. Replaces medium duty standard. | 0 | 0 |
| **Tires & Wheels** | | | | |
| 4030013 | O | **Front Tires: GoodYear Endurance WHA Duraseal** 315/80R22.5 20PR. | 1,570 | 62 |
| 4238001 | O | **Rear Tires: Goodyear Armor Max Pro Grade MSD** 11R22.5 16PR | 3,432 | 256 |
| 4900008 | O | **Rear Tire Quantity: 8** | 0 | 0 |
| 5045268 | O | **Front Wheel: Alcoa 89U63 22.5X9 AL** Ultra One High Polish Wheel. | 545 | -39 |
| 5243550 | O | **Rear Wheel: Alcoa ULA18 22.5x8.25 MagnaForce** aluminum alloy, hub-pilot mount. 7400lb maximum rating. Air Disc Brake compatible. High polish. | 1,628 | -204 |
| 5859010 | O | **Single Front Axle: 2 wheels Dura-Bright Mirror** Polish Dura-Bright outboard surface of aluminum wheels. | 238 | 0 |
| 5859012 | O | **Dual Rear Axle Wheels: 4 Wheels Dura-Bright** Mirror Polish Dura-Bright outboard surface of outer dual or single aluminum wheels. | 735 | 0 |
| 5900008 | O | **Rear Wheel/Rim Quantity: 8** | 0 | 0 |
| **Frame & Equipment** | | | | |
| 6056400 | O | **Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 285in.** to 336 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is17.80, RBM is 2,132,000 in-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail. | 583 | 281 |
| 6302460 | O | **Bumper: Tapered Painted Steel Channel.** Requires a bumper setting code. | 475 | 65 |
| 6319064 | O | **64 in. Bumper Setting. Requires a Bumper Code.** | 0 | 0 |
| 6321010 | S | **Front Tow Loops: Two** | 0 | 0 |
| 6390034 | O | **24 in. Frame Rail Extensions. Vocational Hoods** only. | 184 | 36 |
| 6391201 | O | **Custom Frame Layout: One Chassis** CFL F/T: CUSTOMER WANTS | 1,380 | 0 |
| 6400645 | O | **Battery Box Cantilever Aluminum BOC with Full** polish. | 736 | 19 |
| 6409210 | O | **Rubber Battery Pad in Bottom of Battery Box.** For cantilever-style or between the rails battery boxes. | 12 | 2 |
| 6409902 | O | **Battery Box Location: RH Side.** | 89 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 6451126 | O | **DPF/SCR Box Polished End Plates and Polished** cover. | 261 | 0 |
| 6490139 | S | **Heavy-Duty One-PC Aluminum Intermediate/ Fill-In** crossmember. | 0 | 0 |
| 6490433 | S | **Heavy-Duty 5-Piece Rear Cab Support, Hucked** assembly. Huck fastened to frame. | 0 | 0 |
| 6721102 | S | **Rear Mudflap Arms: Betts B-25 Standard-Duty,** straight. Includes B1732 mounting brackets as standard. | 0 | 0 |
| 6722000 | S | **Rear Mudflap Shields: White Plastic Antisail W/** Kenworth logo. | 0 | 0 |
| 6742009 | S | **Square End-of-Frame W/O Crossmember; Non-Towing.** | 0 | 0 |
| **Fuel Tanks & Equip** | | | | |
| 7140060 | O | **60 US Gallon D-Shape Rectangular Aluminum Under** fuel tank, replace. With non-slip step. | 108 | 23 |
| 7722173 | O | **Large DEF Tank, 15 Gallons.** | 263 | 26 |
| 7839006 | O | **Polished Fuel Tank Steps.** | 29 | 0 |
| 7840015 | O | **Polish Only One Aluminum Tank.** | 142 | 0 |
| 7840038 | O | **Polished Cover for 1 DEF Tank Any Size.** | 241 | 3 |
| 7889061 | O | **Polished Stainless Steel Tank Straps for 1 Tank.** | 95 | 0 |
| 7889203 | O | **DEF to Fuel Fill Ratio 2:1 or Greater.** | 0 | 0 |
| 7889614 | S | **DEF Tank Location is LH BOC. For 2.1M Medium-Duty** | 0 | 0 |
| 7920060 | O | **Location: 60 gal fuel tank LH under cab** | 0 | 0 |
| **Cab & Equipment** | | | | |
| 8024311 | S | **Cab: Stamped Aluminum with Curved Windshield** LED markers. Requires seperate roof code. | 0 | 0 |
| 8090153 | O | **Hood: Sloped Vocational w/ Stationary Grille** w/ Chrome Crown | 1,803 | -24 |
| 8108002 | O | **Fine Particulate Filter for Cabin Air HVAC** system. To provide extra filtration in high dust applications. Cabin airflow is reduced with this additional filter. *Cannot be used with code 8108003. | 35 | 0 |
| 8108011 | S | **Cab HVAC - Day Cab and 40 in. Sleeper** System With Defrost, A/C, and 48,000 BTU/hr Heater. Includes automatic temperature control with one touch defrost operation and dash mounted cab temperature and solar intensity sensors. Pleated fresh air filter and cabin recirculation air filter standard. The Kenworth HVAC system is designed to provide optimal heating and cooling in all | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| | | operating environments without need for additional insulation. Cab HVAC without sleeper heater AC is available with 40in sleeper. | | |
| 8201013 | S | **Steering Wheel: 18 in. 4-Spoke.** | 0 | 0 |
| 8201200 | S | **Adjustable Telescoping Tilt Steering Column.** | 0 | 0 |
| 8203060 | O | **5 Sets of Keys. Replaces Standard 2 Sets of Keys.** | 34 | 0 |
| 8205069 | O | **Dash Controls:Tailgate or Dump Gate, Includes** Piping and Telltale | 174 | 1 |
| 8205135 | O | **Information for Customer-Installed PTO Muncie** 10-bolt. | 0 | 0 |
| 8205177 | O | **Dash Switch:1st Allison-Mounted PTO.** Electric switch and wiring are factory-installed to control the 1st Allison Trans mounted PTO. | 167 | 0 |
| 8208495 | O | **Two Spare Switches: Wired to Power.** | 53 | 0 |
| 8220106 | O | **Gauge: Dash Mounted Air Filter Restriction Gauge.** | 122 | 0 |
| 8221144 | O | **Gauge: Air Suspension Pressure Gauge.** | 110 | 0 |
| 8222409 | O | **Gauge: DD Virtual Gauge - Air Filter** Restriction | 0 | 0 |
| 8222411 | O | **Gauge: DD Virtual Gauge - Eng Pto Hour** | 36 | 0 |
| 8222413 | O | **Gauge: DD Virtual Gauge - Manifold** Pressure Boost | 0 | 0 |
| 8222414 | O | **Gauge: DD Virtual Gauge - Engine Percent** Torque | 0 | 0 |
| 8222419 | O | **Gauge: DD Virtual Gauge - Volts** Instrument Cluster | 0 | 0 |
| 8282024 | S | **Main Instrument Package: 7" Digital Display** Cluster. Includes Physical (Analog): Speedometer, Tachometer, Oil Pressure, and Coolant Temp; and Digital: Fuel Level #1, DEF Level, DPF Filter Status, Fuel Economy, Volts Telltale, OAT and Primary Air Pressure, Secondary Air Pressure, and Air Application for air brake trucks. | 0 | 0 |
| 8330591 | S | **Interior Trim Package: 2.1M MD Gray Foam** Backing/Cloth Headliner W/Gray Sunvisor & Seat Color Three Underdash Center Console Cupholders (Two If Allison Transmission Is Selected). | 0 | 0 |
| 8410217 | O | **Driver Seat: KW Premium Air Seat HB Tough Cloth** w/ Dual Armrests/Susp Cover/Isolator Lever/Seat Heater | 808 | 0 |
| 8480207 | O | **Rider Seat: KW Toolbox Seat HB Tough Cloth w/o** Armrests | 14 | 0 |
| 8490161 | O | **Seat Color: Black Replacing Standard Gray** | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 8601432 | O | **Kenworth Radio DEA710 AM/FM/WB/USB, Bluetooth** | 394 | 0 |
| 8698965 | O | **Speaker Package For Cab: (2) Speakers** B-Pillar | 51 | 0 |
| 8699933 | O | **CB Installation Kit: C/I Center Mtd of Header w/** Dual Antenna on LH/RH mirrors. One Jumper Harness. | 210 | 2 |
| 8700091 | O | **Ashtray Insert: W/ Cigar Lighter Located in** center console. Deletes 1 12V outlet & 1 cupholder. | 33 | 0 |
| 8700161 | O | **Footwell Light: Red Lens & Switch** | 12 | 0 |
| 8700196 | S | **Turn Signal: Self-Cancelling** | 0 | 0 |
| 8700283 | S | **LH and RH Trip Ledge Rain Deflectors** | 0 | 0 |
| 8700663 | O | **Kenworth TruckTech+:** This system provides the World's Best reporting of engine and aftertreatment fault codes, as well as enhanced support for the truck owner through rapid communication of fault severity and recommended actions. This is standard on all Kenworth models with a PACCAR MX engine, Cummins X15 engine, PX engine or Natural Gas engine. | 0 | 0 |
| 8800260 | O | **Long Grabhandle RH Side Mounted to Side-of-Cab** exhaust. | 31 | 2 |
| 8800402 | S | **Dual Cab Interior Grabhandles: A Pillar Mounted** Dash Wrap and B Pillar Mounted Grabhandles | 0 | 0 |
| 8832113 | S | **Kenworth Daylite Door With Standard LH/RH** electric door locks and LH/RH electric window controls. | 0 | 0 |
| 8841411 | S | **Single Air Horn Under Cab.** | 0 | 0 |
| 8850139 | S | **Look-Down, Pass. Door, Black 11x6** | 0 | 0 |
| 8850841 | O | **Mirror Shell: Dual Aero Chrome** | 148 | 0 |
| 8860852 | O | **Mirror: Dual KW Aero Rear View** Motor, heated with Integral CX | 66 | 0 |
| 8871446 | S | **Rear Cab Stationary Window 19in x 36in** | 0 | 0 |
| 8879917 | O | **Two Additional Outboard Windows 19in x 12in** | 149 | 10 |
| 8890101 | S | **One-Piece Bonded-In Windshield With Curved Glass.** Standard. | 0 | 0 |
| 8890135 | O | **Exterior Stainless Steel Sunvisor.** | 761 | 11 |
| 8890356 | O | **4 1/4" Molded Wheelwell Fender Extension.** | 225 | 0 |
| 8890874 | O | **Kenworth Cab Air Suspension.** | 133 | 0 |
| 8891009 | O | **Thermal/Sound Insulation Package** | 265 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| 8891011 | O | **Roof: Raised Profile, Stamped Aluminum w/** Additional Head Room & Interior Overhead Storage | 160 | 0 |
| **Lights & Instruments** | | | | |
| 9010813 | O | **Headlamps: Single Halogen Complex Reflector w/** Turn Indicator, Reflector and w/o DRL. Fender Mtd. | 0 | 0 |
| 9010951 | O | **Daytime Running Lights Located in Bumper.** Driven by Chassis Height. | 301 | 3 |
| 9022137 | S | **Marker Lights: Five, Rectangular, LED** | 0 | 0 |
| 9030052 | S | **LED Stop,Turn,Tail: With Two LED** Backup Lights and With An LED License Plate. | 0 | 0 |
| 9080206 | O | **Switch and Wiring:Cust. Installed Beacon Lights** With Additional 20ft Jumper Harness Shipped Loose | 203 | 1 |
| 9090058 | O | **Switch & Wiring: For Customer-Installed Plow** light. Includes circuit breaker. | 183 | 0 |
| 9090142 | O | **Wiring Only: For Customer-Installed Backup** alarm. | 56 | 0 |
| 9090151 | O | **Wiring:Cust. Install Trlr Elec. Brake Controller.** Class 8/T4 Content Includes Dash Signals: Ignition Power (20A), Ground, Stop Lamp and Electric Trailer Brake Controller Wired To EOF Junction Box. These Signals Are Located Near The NavPlus HD Area. No Need To Code For An Additional End of Frame Junction Box. EOF Junction Box Signals Are: Ground, Tail Lamp, Marker Lamp, Left Turn, Right Turn, Stop Lamp and Electric Trailer Brake Controller Wired To Dash. Medium Duty (not T4) Content Includes A MP 280 Series Connector In Dash Near Driver Door Connections With Signals: Battery Power (40A), Ground, Stop Lamp and Electric Trailer Brake Controller Wired To Chassis Connector. Medium Duty (not T4) 2 Way Deutsch Chassis Connector Located Near Back of Cab, With Signals: Ground and Electric Trailer Brake Controller Wired To Dash Connector. | 159 | 4 |
| 9090312 | O | **Body Builder Lighting Harness Coiled End Of Frame** For Additional Customer Installed Exterior Lighting. Harness Includes Circuits for Additional Customer Installed Tail Lamps, Turn Lamps, Stop Lamps, and Marker Lamps. | 154 | 0 |
| 9090849 | O | **Polyswitches Replacing Fuses. Switch Will** automatically reset after removal of excess load. | 43 | 0 |
| **Air Equipment** | | | | |
| 9101219 | O | **Air Dryer: Bendix AD-HF Extended Purge Heated** With Puraguard | 31 | 0 |
| 9108001 | S | **Moisture Ejection Valve W/ Pull Cable Drain.** | 0 | 0 |
| 9140020 | S | **Nylon Air Tubing in Frame & Cab, Excluding Hoses** subject to excessive heat or flexing. | 0 | 0 |
| 9140252 | O | **Locate Air Dryer Inside LH Rail BOC.** This code requires the use of a custom frame layout code. | 0 | 0 |
| 9150170 | O | **Air Tanks: Aluminum Replacing Steel All Tanks.** *Not air tanks on lift axles. | 369 | -44 |

KENWORTH

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| **Extended Warranty** | | | | |
| 9200008 | S | **Base Warranty - PACCAR PX-9 Engine**<br>24 months / 250,000 miles / 402,336 km / 6250 hours. | 0 | 0 |
| 9200022 | O | **Base Warranty - Standard Service Medium Duty**<br>12 months / Unlimited miles & km | 0 | 0 |
| 9203034 | O | **PACCAR EW: PX-9 Protect Plan 1 EPA24**<br>5YR/100K (160,935KM). Each code registered between 366 and 546 days after the vehicles in-service date will be subject to a $400 late fee. Coverage cannot be added after 200K MI or 545 days past the in-service date. | 1,720 | 0 |
| 9203046 | O | **PACCAR EW: Aftertreatment PX-9 Use W/ PP1 EPA24**<br>5YR/100K (160,935KM). Each code registered between 366 and 546 days after the vehicles in-service date will be subject to a $400 late fee. Coverage cannot be added after 200K MI or 545 days past the in-service date. | 920 | 0 |
| 9212661 | O | **TruckTech+ RD - 5YR Sub PACCAR PX Engines** | 799 | 0 |
| 9220001 | O | **Base Warranty: Emissions**<br>5YR/100K MI - EPA Engine | 0 | 0 |
| **Miscellaneous** | | | | |
| 9409852 | O | **GHG Secondary Manufacturer: Does Not Apply** | 0 | 0 |
| 9490206 | O | **Warning Triangle Reflector Kit: Shipped Loose.**<br>Kit consists of 3 triangles in plastic carrying case. Not floor mounted. | 58 | 4 |
| 9490404 | O | **One 5 lb. Dry Chemical Type Fire Extinguisher**<br>mounted outboard of driver seat. Class ABC. | 126 | 11 |
| 9490645 | O | **Zinc Phosphate Frame Rail Paint Processing.**<br>Requires frame rail code. Code is for 1 pair of rails. | 314 | 0 |
| 9491659 | S | **VMUX Architecture** | 0 | 0 |
| **Promotions** | | | | |
| **Paint** | | | | |
| 9700000 | O | **Paint Color Number(s).**<br>N9702 A - L1774 RED<br>N9770 BUMPER N0001 BLACK<br>N9720 FRAME N0001 BLACK | 0 | 0 |
| 9943014 | O | **Steel Bumper Painted Frame Color** | 0 | 0 |
| 9943051 | O | **Day Cab Premium Paint** | 621 | 0 |
| 9944820 | S | **1 - Color Paint - Day Cab**<br>Color will be White if no other color is specified. | 0 | 0 |
| 9965510 | S | **Base Coat/ Clear Coat.** | 0 | 0 |

| Sales Code | Std/ Opt | Description | $ List | Weight |
|---|---|---|---|---|
| | | The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint. | | |

## Special Requirements

Special Requirement 1 0098025
Special Requirement 2
Special Requirement 3
Special Requirement 4

## Order Comments

| | |
|---|---|
| **Total List Price (W/O Freight & Warranty & Surcharges )** | $187,381 |
| **Marketing and Service Support Fee** | $1,395 |
| **Prepaid Freight** | $3,625 |
| **Total Surcharge/Options Not Subject To Discount** | $3,439 |
| **Total Weight** | 14,537 |

## Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.
Dimensional and performance data for unpublished options may vary from that displayed in CRM.

***PRICING DISCLAIMER***

*While we make every effort to maintain the web site to preserve pricing accuracy, prices are subject to change without notice. Although the information in this price list is presented in good faith and believed to be correct at the time of printing, we make no representations or warranties as to the completeness or accuracy of this information. We reserve the right to change, delete or otherwise modify the pricing information which is represented herein without any prior notice. We carefully check pricing specifications, but occasionally errors can occur, therefore we reserve the right to change such prices without notice. We disclaim all liability for any errors or omissions in the materials. In no event will we be responsible for any damages of any nature whatsoever from the reliance upon information from these materials. Please check your order prebills to confirm your pricing information*

**Shipping Destinations**

**Intermediate Destination:** NONE

| Final Destinations | Quantity |
|---|---|
| C260 - CIT TRUCKS - ROCKFORD<br>4301 N. BELL SCHOOL ROAD<br>LOVES PARK, Illinois 61111 | 1 |

**Agenda Item No: 17**

# City Council
# Agenda Supplement

---

| | |
|---|---|
| **Meeting Date:** | November 21, 2023 |
| **Item:** | Vehicle Purchase - Suburban Purchasing Cooperative Contract #221, for two (2) 2024 Ford Super Duty Pickups and Contract #227 for four (4) 2024 Ford F550 Cab & Chassis trucks at a total cost of $322,425 |
| **Staff Recommendation:** | Motion to adopt a Resolution authorizing the City Manager to execute an agreement with Sutton Ford, in Matteson, IL, for the purchase of two (2) 2024 Ford Super Duty Pickups, and four (4) 2024 Ford F550 Cab & Chassis in the amount submitted through the Suburban Purchasing Cooperative, Contracts #221 & #227 |
| **Staff Contact:** | Michael Magnuson, Director of Public Works & Engineering |

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**Background:**

The Public Works Department's fiscal year 2023/2024 budget identifies the need to replace the following trucks. This includes the replacement of the following units:

418 – 2015 Ford F350 pickup with 65,000 miles at a cost of $50,173
436 – 2017 Ford F250 pickup with 70,000 miles at a cost of $52,791
413 – 2012 Ford F550 mini-dump with 53,000 miles at a cost of $55,322
432 – 2015 Ford F550 mini-dump with 38,000 miles at cost of $55,322
615 – 2014 Ford F550 service body/crane with 52,500 miles at a cost of $53,032
618 – 2012 Ford F550 mini-dump with 30,500 miles at a costs of $55,785

The aftermarket equipment for these vehicles will be purchased separately. The existing vehicles will be declared as surplus once the new units are integrated into the fleet.

As members of the Suburban Purchasing Cooperative Program, the City is able to take advantage of the Cooperative members' leveraged contract. This program allows members to combine purchasing power, which significantly reduces costs. All items that are bid through the cooperative follow the same public procurement statutes that the City follows during the competitive, sealed bidding process.

**Recommendation:**

The Public Works Department recommends purchasing two (2) 2024 Ford F250 Pickups and four (4) 2024 Ford F550 Cab & Chassis for a total of $322,425 from Sutton Ford in Matteson, Illinois through the Suburban Purchasing Cooperative Program. Funds have been budgeted for these purchases.

**Votes Required to Pass:**

Simple Majority

# RESOLUTION

**WHEREAS** the City relies on pickup trucks and cab & chassis trucks to accomplish critical storm, sewer, wastewater and snow removal operations as well as other construction and maintenance tasks; and

**WHEREAS** replacement of two pickup trucks and four cab and chassis trucks is warranted based on age and condition; and

**WHEREAS** the City utilizes purchasing cooperatives and joint bids to combine purchasing power with other government agencies to reduces costs.

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a Purchase Agreement between the CITY OF CRYSTAL LAKE and Sutton Ford for the purchase of two (2) new Ford Super Duty Pickup trucks and four (4) new Ford F550 Cab & Chassis trucks in the amount of $322,425.

Draft

**DATED** this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois Municipal Corporation,

By:_____
Haig Haleblian, MAYOR

SEAL

ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

Sutton Ford | COMMERCIAL & FLEET

**SUTTON FORD**
**21315 CENTRAL AVE**
**MATTESON IL 60443**

# INVOICE

Tuesday, October 31, 2023
*DATE*

**PURCHASER'S NAME**

CITY OF CRYSTAL LAKE

**STREET ADDRESS**

**CITY** **STATE** **ZIP** **BUS PHONE**

*PLEASE ENTER MY ORDER FOR THE FOLLOWING* NEW ☑ USED ☐ SUV ☐ TRUCK ☑ CAR ☐

| YEAR | MAKE | MODEL | BODY TYPE | COLOR | TRIM | STOCK NO. |
|---|---|---|---|---|---|---|
| 2024Q | FORD | F250 | REG CAB 4X4 | RED | XL | |
| VIN NO. | | MILES | | SALES REP | BRIAN TARPO | |

| | | | | |
|---|---|---|---|---|
| CASH PRICE | $ | $50,000.00 | *TRADE-IN CREDITS* | |
| | | | MAKE OF USED VEHICLE | |
| UNIT# 418 | | | YEAR | |
| | | | MODEL | |
| | | | VEHICLE IDENT. NO. | |
| | | | MILEAGE | |
| | | | TRADE VALUE | |
| | | | | |
| | | | | |
| | | | | |
| SUBTOTAL | | $50,000.00 | ORDERING FIN | |
| ELECTRONIC FILING FEE | | $0.00 | END USER FIN | |
| DOCUMENTATION FEE | | $0.00 | SALES TYPE | |
| ILLINOIS SALES TAX | 7.25% | $0.00 | GPC DISCOUNT | |
| COUNTY TAX- COOK | 1.00% | $0.00 | GPC REF # | |
| CITY OF CHICAGO TAX | 1.25% | $0.00 | 58A/CPA DISCOUNT | |
| COOK COUNTY WHEEL TAX | | $0.00 | 58M DISCOUNT | |
| LICENSE, TRANSFER, TITLE | | $173.00 | RETAIL REBATE # | |
| EXTENDED SERVICE CONTRACT | | $0.00 | | |
| TOTAL PRICE | | $50,173.00 | | |
| CASH DOWN PAYMENT | | $0.00 | | |
| REBATE | | $0.00 | | |
| TOTAL DOWN PAYMENT | | $0.00 | | |
| UNPAID CASH BALANCE DUE ON DELIVERY | | $50,173.00 | | |

Purchaser agrees that this Order includes all of terms and conditions on both the face and reverse side hereof, that this Order cancels and supersedes any price agreement and as of the date hereof comprises the complete and exclusive statement of the terms of the agreement relating to the subject matters covered hereby THIS ORDER IS NOT A BINDING CONTRACT. DEALER SHALL NOT BE OBLIGATED TO SELL UNTIL APPROVAL OF THE TERMS HEREOF IS GIVEN BY A BANK OR FINANCE COMPANY WILLING TO PURCHASE A RETAIL INSTALLMENT CONTRACT BETWEEN THE PARTIES HERETO BASED ON SUCH TERMS. ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN DEALER ARE THEIRS, NOT DEALER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES, UNLESS DEALER FURNISHES BUYER WITH A SEPARATE WRITTEN WARRANTY OR SERVICE CONTRACT MADE BY DEALER ON ITS OWN BEHALF. DEALER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: (A) ON ALL GOODS AND SERVICES SOLD BY DEALERS; AND (B) ON ALL USED VEHICLES WHICH ARE HEREBY SOLD "AS IS-NOT EXPRESSLY WARRANTED OR GUARANTEED."
TO THE NEGOTIATED CASH SALE PRICE OF EACH VEHICLE. THERE WILL BE ADDED THE SUM OF $199.99 FOR DEALER COSTS AND OVERHEAD FOR ITEM RELATING TO PREPARING, HANDLING AND PROCESSING DOCUMENTS FOR THE MOTOR VEHICLE AND THE CLOSING OF THE TRANSACTION. THE ONLY OTHER ADDITIONAL CHARGES PERMITTED ARE DEALER-ADDED OPTIONS. WARRANTY AND SERVICE CONTRACTS, INSURANCE AND THE ACTUAL COST OF LICENSE AND TITLE REGISTRATION AND TAXES.

**ACCEPTED BY:**
PURCHASER'S SIGNATURE

**ACCEPTED BY:**
DEALER OR HIS AUTHORIZED REPRESENTATIVE

CNGP530 VEHICLE ORDER CONFIRMATION 10/31/23 11:56:53
==> _____ Dealer: F41146
2024 F-SERIES SD Page: 1 of 2
Order No: X180 Priority: A1 Ord FIN: QC665 Order Type: 5B Price Level: 420
Ord PEP: 600A Cust/Flt Name: CRYSTAL LAKE PO Number:

| | | RETAIL |
|---|---|---|
| ✓F2B | F250 4X4 SD R/C | $47760 |
| | 142" WHEELBASE | |
| ✓PQ | RACE RED | |
| ✓1 | CLTH 40/20/40 | 100 |
| S | MED DARK SLATE | |
| 600A | PREF EQUIP PKG | |
| | .XL TRIM | |
| ✓572 | .AIR CONDITIONER | NC |
| | .AMFM/MP3/CLK | |
| ✓99A | .6.8L DEV V8 ENG | NC |
| ✓44F | 10-SPD AUTOMATC | NC |
| ✓TBM | LT245 BSW AT 17 | 165 |
| ✓X4M | 4.30 ELOCKING | 430 |
| | JOB #1 BUILD | |
| | FLEET SPCL ADJ | NC |

| | | RETAIL |
|---|---|---|
| ✓FRT | LICENSE BKT | NC |
| ✓18B | PLAT RUNNING BD | 320 |
| ✓ | 10300# GVWR PKG | |
| 425 | 50 STATE EMISS | NC |
| ✓43C | 120V/400W OUTLT | 175 |
| ✓473 | SNOW PLOW PREP | 250 |
| ✓512 | SPARE TIRE/WHL2 | NC |
| ✓592 | ROOF CLEAR LGTS | 95 |
| | TOTAL BASE AND OPTIONS | 54350 |
| | TOTAL | 54350 |

*THIS IS NOT AN INVOICE*

* MORE ORDER INFO NEXT PAGE *
F8=Next

F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library
S006 - MORE DATA IS AVAILABLE. QC015271

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CNGP530                    VEHICLE ORDER CONFIRMATION          10/31/23 11:57:23
==> _____ ____________________________________________                Dealer: F41146
                              2024 F-SERIES SD                       Page: 2 of 2
Order No: X180    Priority: A1  Ord FIN: QC665  Order Type: 5B Price Level: 420
Ord PEP:  600A Cust/Flt Name: CRYSTAL LAKE       PO Number:
                        RETAIL                                        RETAIL
      BLIS                                    DEST AND DELIV        $1995
      JACK
✓66L  LED BOX LIGHT        60          TOTAL BASE AND OPTIONS      54350
✓66S  UPFITTER SWTCH      165          TOTAL                       54350
✓67E  250 AMP ALTRNTR      85          *THIS IS NOT AN INVOICE*
✓68U  PAYLOAD UPGRADE     100
✓76C  EX BACKUP ALARM     175
      REV SENSING STM
✓85S  TOUGH BED           595
✓874  360-DEG CAM PKG    1150
✓96D  XL DRIVER ASST      730
      SP DLR ACCT ADJ
      SP FLT ACCT CR
      FUEL CHARGE
 B4A  NET INV FLT OPT      NC                              F7=Prev
 F1=Help                F2=Return to Order                 F3/F12=Veh Ord Menu
 F4=Submit    F5=Add to Library
S099 - PRESS F4 TO SUBMIT                                              QC015271
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Sutton Ford | COMMERCIAL & FLEET

**SUTTON FORD**
**21315 CENTRAL AVE**
**MATTESON IL 60443**

# INVOICE

Tuesday, October 31, 2023
*DATE*

**PURCHASER'S NAME**

CITY OF CRYSTAL LAKE

**STREET ADDRESS**

100 W WOODSTOCK ST

| CITY | STATE | ZIP | BUS PHONE |
|---|---|---|---|
| CRYSTAL LAKE | IL | 60014 | |

*PLEASE ENTER MY ORDER FOR THE FOLLOWING* NEW ☑ USED ☐ SUV ☐ TRUCK ☑ CAR ☐

| YEAR | MAKE | MODEL | BODY TYPE | COLOR | TRIM | STOCK NO. |
|---|---|---|---|---|---|---|
| 2024 | FORD | F250 | SUPER CAB 4X4 | REDD | XL | ORDER |
| VIN NO. | | MILES | | SALES REP | BRIAN TARPO | |

| | | | | |
|---|---|---|---|---|
| CASH PRICE | $ | $52,618.00 | *TRADE-IN CREDITS* | |
| | | | MAKE OF USED VEHICLE | |
| | | | YEAR | |
| UNIT # 436 | | | MODEL | |
| | | | VEHICLE IDENT. NO. | |
| 45 | | | MILEAGE | |
| | | | TRADE VALUE | |
| | | | | |
| | | | | |
| | | | | |
| SUBTOTAL | | $52,618.00 | ORDERING FIN | |
| ELECTRONIC FILING FEE | | $0.00 | END USER FIN | |
| DOCUMENTATION FEE | | $0.00 | SALES TYPE | |
| ILLINOIS SALES TAX | 7.25% | $0.00 | GPC DISCOUNT | |
| COUNTY TAX- COOK | 1.00% | $0.00 | GPC REF # | |
| CITY OF CHICAGO TAX | 1.25% | $0.00 | 58A/CPA DISCOUNT | |
| COOK COUNTY WHEEL TAX | | $0.00 | 58M DISCOUNT | |
| LICENSE, TRANSFER, TITLE | | $173.00 | RETAIL REBATE # | |
| EXTENDED SERVICE CONTRACT | | $0.00 | | |
| TOTAL PRICE | | $52,791.00 | | |
| CASH DOWN PAYMENT | | $0.00 | | |
| REBATE | | $0.00 | | |
| TOTAL DOWN PAYMENT | | $0.00 | | |
| UNPAID CASH BALANCE DUE ON DELIVERY | | $52,791.00 | | |

Purchaser agrees that this Order includes all of terms and conditions on both the face and reverse side hereof, that this Order cancels and supersedes any price agreement and as of the date hereof comprises the complete and exclusive statement of the terms of the agreement relating to the subject matters covered hereby THIS ORDER IS NOT A BINDING CONTRACT. DEALER SHALL NOT BE OBLIGATED TO SELL UNTIL APPROVAL OF THE TERMS HEREOF IS GIVEN BY A BANK OR FINANCE COMPANY WILLING TO PURCHASE A RETAIL INSTALLMENT CONTRACT BETWEEN THE PARTIES HERETO BASED ON SUCH TERMS. ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN DEALER ARE THEIRS, NOT DEALER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES. UNLESS DEALER FURNISHES BUYER WITH A SEPARATE WRITTEN WARRANTY OR SERVICE CONTRACT MADE BY DEALER ON ITS OWN BEHALF, DEALER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: (A) ON ALL GOODS AND SERVICES SOLD BY DEALERS; AND (B) ON ALL USED VEHICLES WHICH ARE HEREBY SOLD "AS IS-NOT EXPRESSLY WARRANTED OR GUARANTEED."

TO THE NEGOTIATED CASH SALE PRICE OF EACH VEHICLE. THERE WILL BE ADDED THE SUM OF $199.99 FOR DEALER COSTS AND OVERHEAD FOR ITEM RELATING TO PREPARING, HANDLING AND PROCESSING DOCUMENTS FOR THE MOTOR VEHICLE AND THE CLOSING OF THE TRANSACTION. THE ONLY OTHER ADDITIONAL CHARGES PERMITTED ARE DEALER-ADDED OPTIONS. WARRANTY AND SERVICE CONTRACTS, INSURANCE AND THE ACTUAL COST OF LICENSE AND TITLE REGISTRATION AND TAXES.

ACCEPTED BY: _____
PURCHASER'S SIGNATURE

ACCEPTED BY: _____
DEALER OR HIS AUTHORIZED REPRESENTATIVE

CNGP530 VEHICLE ORDER CONFIRMATION 10/29/23 12:32:51
==> _____ Dealer: F41146
2024 F-SERIES SD Page: 1 of 3
Order No: X179 Priority: A1 Ord FIN: QC665 Order Type: 5B Price Level: 420
Ord PEP: 600A Cust/Flt Name: CRYSTAL LAKE PO Number:

| | | RETAIL |
|---|---|---|
| X2B | F250 4X4 S/C | $50095 |
| | 148" WHEELBASE | |
| PQ | RACE RED | |
| 1 | CLTH 40/20/40 | 100 |
| S | MED DARK SLATE | |
| 600A | PREF EQUIP PKG | |
| | .XL TRIM | |
| 572 | .AIR CONDITIONER | NC |
| | .AMFM/MP3/CLK | |
| 99A | .6.8L DEV V8 ENG | NC |
| 44F | 10-SPD AUTOMATC | NC |
| TBM | LT245 BSW AT 17 | 165 |
| X4M | 4.30 ELOCKING | 430 |
| | JOB #1 BUILD | |
| | FLEET SPCL ADJ | NC |

| | | RETAIL |
|---|---|---|
| | FRT LICENSE BKT | NC |
| 18B | PLAT RUNNING BD | 445 |
| | 10400# GVWR PKG | |
| 425 | 50 STATE EMISS | NC |
| | BACKGLASS DEF | |
| 43C | 120V/400W OUTLT | 175 |
| 435 | PWR SLD RR WNDW | 405 |

TOTAL BASE AND OPTIONS 57245
TOTAL 57245
*THIS IS NOT AN INVOICE*
*TOTAL PRICE EXCLUDES COMP PR

* MORE ORDER INFO NEXT PAGE *
F8=Next
F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library F9=View Trailers
S006 - MORE DATA IS AVAILABLE. QC01527

CNGP530 VEHICLE ORDER CONFIRMATION 10/29/23 12:34:00
==> _____ Dealer: F41146
2024 F-SERIES SD Page: 2 of 3
Order No: X179 Priority: A1 Ord FIN: QC665 Order Type: 5B Price Level: 420
Ord PEP: 600A Cust/Flt Name: CRYSTAL LAKE PO Number:

| | | RETAIL | | | RETAIL |
|---|---|---|---|---|---|
| √473 | SNOW PLOW PREP | $250 | √924 | PRIVACY GLASS | $30 |
| √512 | SPARE TIRE/WHL2 | NC | √96D | XL DRIVER ASST | 730 |
| √592 | ROOF CLEAR LGTS | 95 | | SP DLR ACCT ADJ | |
| | BLIS | | | SP FLT ACCT CR | |
| | JACK | | | FUEL CHARGE | |
| 66L | LED BOX LIGHT | 60 | B4A | NET INV FLT OPT | NC |
| √66S | UPFITTER SWTCH | 165 | | PRICED DORA | NC |
| √67E | 250 AMP ALTRNTR | 85 | | | |
| √68U | PAYLOAD UPGRADE | 100 | | TOTAL BASE AND OPTIONS | 57245 |
| √76C | EX BACKUP ALARM | 175 | | TOTAL | 57245 |
| | REV SENSING STM | | | *THIS IS NOT AN INVOICE* | |
| 794 | PRICE CONCESSN | | | *TOTAL PRICE EXCLUDES COMP PR | |
| | REMARKS TRAILER | | | | |
| √85S | TOUGH BED | 595 | | * MORE ORDER INFO NEXT PAGE * | |
| √874 | 360-DEG CAM PKG | 1150 | | F7=Prev F8=Next | |

F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library F9=View Trailers
S006 - MORE DATA IS AVAILABLE. QC01527

Has 924 Privacy Glass Don't want unless part of another opt.

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CNGP530                    VEHICLE ORDER CONFIRMATION          10/29/23 12:34:29
==> _____ ____________________________________________            Dealer: F41146
                          2024 F-SERIES SD                       Page: 3 of 3
Order No: X179    Priority: A1  Ord FIN: QC665  Order Type: 5B Price Level: 420
Ord PEP:  600A Cust/Flt Name: CRYSTAL LAKE       PO Number:
                       RETAIL                                    RETAIL
     DEST AND DELIV   $1995

TOTAL BASE AND OPTIONS 57245
TOTAL                  57245
*THIS IS NOT AN INVOICE*
*TOTAL PRICE EXCLUDES COMP PR

                                                          F7=Prev
 F1=Help              F2=Return to Order                F3/F12=Veh Ord Menu
 F4=Submit    F5=Add to Library      F9=View Trailers
S099 - PRESS F4 TO SUBMIT                                          QC01527
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Sutton Ford | COMMERCIAL & FLEET

**SUTTON FORD**
**21315 CENTRAL AVE**
**MATTESON IL 60443**

# INVOICE

Tuesday, October 31, 2023
*DATE*

**PURCHASER'S NAME**

CITY OF CRYSTAL LAKE

**STREET ADDRESS**

100 W WOODSTOCK ST

| CITY | STATE | ZIP | BUS PHONE |
|---|---|---|---|
| CRYSTAL LAKE | IL | 60014 | |

*PLEASE ENTER MY ORDER FOR THE FOLLOWING* NEW ☑ USED ☐ SUV ☐ TRUCK ☑ CAR ☐

| YEAR | MAKE | MODEL | BODY TYPE | COLOR | TRIM | STOCK NO. |
|---|---|---|---|---|---|---|
| 2024 | FORD | F550 | REG CAB 4X4 60 CA | REDD | XL | ORDER |
| VIN NO. | | MILES | | SALES REP | BRIAN TARPO | |

| | | | | |
|---|---|---|---|---|
| CASH PRICE | $ | $55,149.00 | *TRADE-IN CREDITS* | |
| UNIT #2` | | $55,149.00 | MAKE OF USED VEHICLE | |
| | | | YEAR | |
| UNIT #'S 413 AND 432 | | | MODEL | |
| | | | VEHICLE IDENT. NO. | |
| | | | MILEAGE | |
| | | | TRADE VALUE | |
| | | | | |
| | | | | |
| | | | | |
| SUBTOTAL | | $110,298.00 | ORDERING FIN | |
| ELECTRONIC FILING FEE | | $0.00 | END USER FIN | |
| DOCUMENTATION FEE | | $0.00 | SALES TYPE | |
| ILLINOIS SALES TAX | 7.25% | $0.00 | GPC DISCOUNT | |
| COUNTY TAX- COOK | 1.00% | $0.00 | GPC REF # | |
| CITY OF CHICAGO TAX | 1.25% | $0.00 | 56A/CPA DISCOUNT | |
| COOK COUNTY WHEEL TAX | | $0.00 | 56M DISCOUNT | |
| LICENSE, TRANSFER, TITLE | | $346.00 | RETAIL REBATE # | |
| EXTENDED SERVICE CONTRACT | | $0.00 | | |
| TOTAL PRICE | | $110,644.00 | | |
| CASH DOWN PAYMENT | | $0.00 | | |
| REBATE | | $0.00 | | |
| TOTAL DOWN PAYMENT | | $0.00 | | |
| UNPAID CASH BALANCE DUE ON DELIVERY | | $110,644.00 | | |

Purchaser agrees that this Order includes all of terms and conditions on both the face and reverse side hereof, that this Order cancels and supersedes any price agreement and as of the date hereof comprises the complete and exclusive statement of the terms of the agreement relating to the subject matters covered hereby THIS ORDER IS NOT A BINDING CONTRACT. DEALER SHALL NOT BE OBLIGATED TO SELL UNTIL APPROVAL OF THE TERMS HEREOF IS GIVEN BY A BANK OR FINANCE COMPANY WILLING TO PURCHASE A RETAIL INSTALLMENT CONTRACT BETWEEN THE PARTIES HERETO BASED ON SUCH TERMS. ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN DEALER ARE THEIRS, NOT DEALER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES, UNLESS DEALER FURNISHES BUYER WITH A SEPARATE WRITTEN WARRANTY OR SERVICE CONTRACT MADE BY DEALER ON ITS OWN BEHALF, DEALER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: (A) ON ALL GOODS AND SERVICES SOLD BY DEALERS; AND (B) ON ALL USED VEHICLES WHICH ARE HEREBY SOLD "AS IS-NOT EXPRESSLY WARRANTED OR GUARANTEED," TO THE NEGOTIATED CASH SALE PRICE OF EACH VEHICLE. THERE WILL BE ADDED THE SUM OF $199.99 FOR DEALER COSTS AND OVERHEAD FOR ITEM RELATING TO PREPARING, HANDLING AND PROCESSING DOCUMENTS FOR THE MOTOR VEHICLE AND THE CLOSING OF THE TRANSACTION. THE ONLY OTHER ADDITIONAL CHARGES PERMITTED ARE DEALER-ADDED OPTIONS. WARRANTY AND SERVICE CONTRACTS, INSURANCE AND THE ACTUAL COST OF LICENSE AND TITLE REGISTRATION AND TAXES.

**ACCEPTED BY:** _____
PURCHASER'S SIGNATURE

**ACCEPTED BY:** _____
DEALER OR HIS AUTHORIZED REPRESENTATIVE

CNGP530 VEHICLE ORDER CONFIRMATION 10/29/23 11:30:54
==> _____ Dealer: F41146
2024 F-SERIES SD Page: 1 of 2
Order No: X176 Priority: A1 Ord FIN: QC665 Order Type: 5B Price Level: 420
Ord PEP: 660A Cust/Flt Name: CRYSTAL LAKE PO Number:

| | | RETAIL | | | RETAIL |
|---|---|---|---|---|---|
| F5H | F550 4X4 CHAS/C 145" WHEELBASE | $56750 | 18B | PLAT RUNNING BD 19000# GVWR PKG | $320 |
| PQ | RACE RED | | 425 | 50 STATE EMISS | NC |
| 1 | CLTH 40/20/40 | 100 | 43C | 120V/400W OUTLT | 175 |
| S | MED DARK SLATE | | 473 | SNOW PLOW PREP | 250 |
| 660A | PREF EQUIP PKG .XL TRIM | | 512 | SPARE TIRE/WHL2 | 350 |
| 572 | .AIR CONDITIONER .AMFM/MP3/CLK | NC | 61J | JACK | NC |
| 99N | .7.3L DEV V8 ENG | | TOTAL BASE AND OPTIONS | | 62070 |
| 44G | 10-SPD AUTOMATC | NC | TOTAL | | 62070 |
| TGK | 225 MAX TRAC | 215 | *THIS IS NOT AN INVOICE* | | |
| X8L | 4.88 LTD SLIP | 395 | *TOTAL PRICE EXCLUDES COMP PR | | |
| | FLEET SPCL ADJ | NC | * MORE ORDER INFO NEXT PAGE * | | |
| | FRT LICENSE BKT | NC | | | |

F8=Next
F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library F9=View Trailers
S006 - MORE DATA IS AVAILABLE. QC01527

missing 166 Carpet Delete?

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CNGP530                    VEHICLE ORDER CONFIRMATION          10/29/23 11:31:42
==> _____ ____________________________________________                Dealer: F41146
                              2024 F-SERIES SD                       Page: 2 of 2
Order No: X176    Priority: A1  Ord FIN: QC665  Order Type: 5B Price Level: 420
Ord PEP:  660A Cust/Flt Name: CRYSTAL LAKE        PO Number:
                        RETAIL                                          RETAIL
 65Z  AFT AXLE TANK        NC          TOTAL BASE AND OPTIONS          $62070
/67B  410 AMP ALTRNTR      115          TOTAL                            62070
/68U  PAYLOAD UPGRADE      815          *THIS IS NOT AN INVOICE*
/76C  EX BACKUP ALARM      175          *TOTAL PRICE EXCLUDES COMP PR
 794  PRICE CONCESSN
      REMARKS TRAILER
/86M  DUAL BATTERY         NC
/872  RR CAM & PREP K      415
      SP DLR ACCT ADJ
      SP FLT ACCT CR
      FUEL CHARGE
 B4A  NET INV FLT OPT       NC
      PRICED DORA           NC
      DEST AND DELIV       1995
                                                          F7=Prev
 F1=Help                F2=Return to Order                F3/F12=Veh Ord Menu
 F4=Submit    F5=Add to Library      F9=View Trailers
S099 - PRESS F4 TO SUBMIT                                          QC01527
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Sutton Ford | COMMERCIAL & FLEET

**SUTTON FORD**
**21315 CENTRAL AVE**
**MATTESON IL 60443**

# INVOICE

Wednesday, November 15, 2023
*DATE*

PURCHASER'S NAME

CITY OF CRYSTAL LAKE

STREET ADDRESS

100 W WOODSTOCK ST

| CITY | STATE | ZIP | BUS PHONE |
|---|---|---|---|
| CRYSTAL LAKE | IL | 60014 | |

*PLEASE ENTER MY ORDER FOR THE FOLLOWING* NEW ☑ USED ☐ SUV ☐ TRUCK ☑ CAR ☐

| YEAR | MAKE | MODEL | BODY TYPE | COLOR | TRIM | STOCK NO. |
|---|---|---|---|---|---|---|
| 2024 | FORD | F550 | REG CAB 4X2 CHASSIS | RED | XL | ORDER |
| VIN NO. | | MILES | | SALES REP | | BRIAN TARPO |

| | | | | |
|---|---|---|---|---|
| CASH PRICE | $ | $52,859.00 | *TRADE-IN CREDITS* | |
| | | | MAKE OF USED VEHICLE | |
| | | | YEAR | |
| | | | MODEL | |
| Unit # 615 | | | VEHICLE IDENT. NO. | |
| | | | MILEAGE | |
| | | | TRADE VALUE | |
| | | | | |
| | | | | |
| | | | | |
| SUBTOTAL | | $52,859.00 | ORDERING FIN | |
| ELECTRONIC FILING FEE | | $0.00 | END USER FIN | |
| DOCUMENTATION FEE | | $0.00 | SALES TYPE | |
| ILLINOIS SALES TAX | 7.25% | $0.00 | GPC DISCOUNT | |
| COUNTY TAX- COOK | 1.00% | $0.00 | GPC REF # | |
| CITY OF CHICAGO TAX | 1.25% | $0.00 | 56A/CPA DISCOUNT | |
| COOK COUNTY WHEEL TAX | | $0.00 | 56M DISCOUNT | |
| LICENSE, TRANSFER, TITLE | | $173.00 | RETAIL REBATE # | |
| EXTENDED SERVICE CONTRACT | | $0.00 | | |
| TOTAL PRICE | | $53,032.00 | | |
| CASH DOWN PAYMENT | | $0.00 | | |
| REBATE | | $0.00 | | |
| TOTAL DOWN PAYMENT | | $0.00 | | |
| UNPAID CASH BALANCE DUE ON DELIVERY | | **$53,032.00** | | |

Purchaser agrees that this Order includes all of terms and conditions on both the face and reverse side hereof, that this Order cancels and supersedes any price agreement and as of the date hereof comprises the complete and exclusive statement of the terms of the agreement relating to the subject matters covered hereby THIS ORDER IS NOT A BINDING CONTRACT. DEALER SHALL NOT BE OBLIGATED TO SELL UNTIL APPROVAL OF THE TERMS HEREOF IS GIVEN BY A BANK OR FINANCE COMPANY WILLING TO PURCHASE A RETAIL INSTALLMENT CONTRACT BETWEEN THE PARTIES HERETO BASED ON SUCH TERMS. ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN DEALER ARE THEIRS. NOT DEALER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES. UNLESS DEALER FURNISHES BUYER WITH A SEPARATE WRITTEN WARRANTY OR SERVICE CONTRACT MADE BY DEALER ON ITS OWN BEHALF, DEALER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: (A) ON ALL GOODS AND SERVICES SOLD BY DEALERS; AND (B) ON ALL USED VEHICLES WHICH ARE HEREBY SOLD "AS IS-NOT EXPRESSLY WARRANTED OR GUARANTEED."
TO THE NEGOTIATED CASH SALE PRICE OF EACH VEHICLE. THERE WILL BE ADDED THE SUM OF $199.99 FOR DEALER COSTS AND OVERHEAD FOR ITEM RELATING TO PREPARING, HANDLING AND PROCESSING DOCUMENTS FOR THE MOTOR VEHICLE AND THE CLOSING OF THE TRANSACTION. THE ONLY OTHER ADDITIONAL CHARGES PERMITTED ARE DEALER-ADDED OPTIONS. WARRANTY AND SERVICE CONTRACTS, INSURANCE AND THE ACTUAL COST OF LICENSE AND TITLE REGISTRATION AND TAXES.

ACCEPTED BY: _____
PURCHASER'S SIGNATURE

ACCEPTED BY: _____
DEALER OR HIS AUTHORIZED REPRESENTATIVE

CNGP530 VEHICLE ORDER CONFIRMATION 11/15/23 06:22:59
==> _____ _____ Dealer: F41146
2024 F-SERIES SD Page: 1 of 2
Order No: 9999 Priority: B1 Ord FIN: QC665 Order Type: 5B Price Level: 420
Ord PEP: 660A Cust/Flt Name: CRYSTAL LAKE PO Number:

| | | RETAIL | | | RETAIL |
|---|---|---|---|---|---|
| F5G | F550 4X2 CHAS/C | $54020 | | FRT LICENSE BKT | NC |
| | 169" WHEELBASE | | 18B | PLAT RUNNING BD | 320 |
| PQ | RACE RED | | | 19500# GVWR PKG | |
| 1 | CLTH 40/20/40 | 100 | 425 | 50 STATE EMISS | NC |
| S | MED DARK SLATE | | 43C | 120V/400W OUTLT | 175 |
| 660A | PREF EQUIP PKG | | 512 | SPARE TIRE/WHL2 | 350 |
| | .XL TRIM | | 61J | JACK | NC |
| 572 | .AIR CONDITIONER | NC | | | |
| | .AMFM/MP3/CLK | | TOTAL BASE AND OPTIONS | | 59640 |
| 99N | .7.3L DEV V8 ENG | | TOTAL | | 59640 |
| 44G | 10-SPD AUTOMATC | NC | *THIS IS NOT AN INVOICE* | | |
| TGM | 225 TRACTION | 190 | *TOTAL PRICE EXCLUDES COMP PR | | |
| X8L | 4.88 LTD SLIP | 395 | | | |
| 68M | PAYLD PLUS UPGR | 1155 | * MORE ORDER INFO NEXT PAGE * | | |
| | FLEET SPCL ADJ | NC | F8=Next | | |

F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library F9=View Trailers
S006 - MORE DATA IS AVAILABLE. QC01527

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CNGP530                    VEHICLE ORDER CONFIRMATION          11/15/23 06:25:25
==> _________ ____________________________________________          Dealer: F41146
                              2024 F-SERIES SD                      Page: 2 of 2
Order No: 9999    Priority: B1  Ord FIN: QC665  Order Type: 5B Price Level: 420
Ord PEP:  660A Cust/Flt Name: CRYSTAL LAKE       PO Number:
                        RETAIL                                      RETAIL
 65Z  AFT AXLE TANK       NC
 67B  410 AMP ALTRNTR     115          TOTAL BASE AND OPTIONS 59640
 67X  XTR HS SUSPEN       125          TOTAL                  59640
 76C  EX BACKUP ALARM     175          *THIS IS NOT AN INVOICE*
 794  PRICE CONCESSN                   *TOTAL PRICE EXCLUDES COMP PR
      REMARKS TRAILER
 86M  DUAL BATTERY        NC
 86S  LOW DEFLEC PKG      110
 872  RR CAM & PREP K     415
      SP DLR ACCT ADJ
      SP FLT ACCT CR
      FUEL CHARGE
 B4A  NET INV FLT OPT      NC
      PRICED DORA          NC
      DEST AND DELIV     1995                          F7=Prev
 F1=Help                  F2=Return to Order              F3/F12=Veh Ord Menu
 F4=Submit    F5=Add to Library      F9=View Trailers
S099 - PRESS F4 TO SUBMIT                                          QC01527
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Sutton Ford | COMMERCIAL & FLEET

**SUTTON FORD**
**21315 CENTRAL AVE**
**MATTESON IL 60443**

# INVOICE

Tuesday, October 31, 2023
*DATE*

**PURCHASER'S NAME**

CITY OF CRYSTAL LAKE

**STREET ADDRESS**

100 W WOODSTOCK ST

| CITY | STATE | ZIP | BUS PHONE |
|---|---|---|---|
| CRYSTAL LAKE | IL | 60014 | |

*PLEASE ENTER MY ORDER FOR THE FOLLOWING* NEW ☑ USED ☐ SUV ☐ TRUCK ☑ CAR ☐

| YEAR | MAKE | MODEL | BODY TYPE | COLOR | TRIM | STOCK NO. |
|---|---|---|---|---|---|---|
| 2024 | FORD | F550 | REG CAB 4X4 84 CA | REDD | XL | ORDER |
| VIN NO. | | MILES | | SALES REP | BRIAN TARPO | |

| | | | | |
|---|---|---|---|---|
| CASH PRICE | $ | $55,612.00 | *TRADE-IN CREDITS* | |
| | | | MAKE OF USED VEHICLE | |
| | | | YEAR | |
| UNIT # 618 | | | MODEL | |
| | | | VEHICLE IDENT. NO. | |
| 45 | | | MILEAGE | |
| | | | TRADE VALUE | |
| | | | | |
| | | | | |
| | | | | |
| SUBTOTAL | | $55,612.00 | ORDERING FIN | |
| ELECTRONIC FILING FEE | | $0.00 | END USER FIN | |
| DOCUMENTATION FEE | | $0.00 | SALES TYPE | |
| ILLINOIS SALES TAX | 7.25% | $0.00 | GPC DISCOUNT | |
| COUNTY TAX- COOK | 1.00% | $0.00 | GPC REF # | |
| CITY OF CHICAGO TAX | 1.25% | $0.00 | 56A/CPA DISCOUNT | |
| COOK COUNTY WHEEL TAX | | $0.00 | 56M DISCOUNT | |
| LICENSE, TRANSFER, TITLE | | $173.00 | RETAIL REBATE # | |
| EXTENDED SERVICE CONTRACT | | $0.00 | | |
| TOTAL PRICE | | $55,785.00 | | |
| CASH DOWN PAYMENT | | $0.00 | | |
| REBATE | | $0.00 | | |
| TOTAL DOWN PAYMENT | | $0.00 | | |
| UNPAID CASH BALANCE DUE ON DELIVERY | | **$55,785.00** | | |

Purchaser agrees that this Order includes all of terms and conditions on both the face and reverse side hereof, that this Order cancels and supersedes any price agreement and as of the date hereof comprises the complete and exclusive statement of the terms of the agreement relating to the subject matters covered hereby THIS ORDER IS NOT A BINDING CONTRACT. DEALER SHALL NOT BE OBLIGATED TO SELL UNTIL APPROVAL OF THE TERMS HEREOF IS GIVEN BY A BANK OR FINANCE COMPANY WILLING TO PURCHASE A RETAIL INSTALLMENT CONTRACT BETWEEN THE PARTIES HERETO BASED ON SUCH TERMS. ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN DEALER ARE THEIRS, NOT DEALER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES. UNLESS DEALER FURNISHES BUYER WITH A SEPARATE WRITTEN WARRANTY OR SERVICE CONTRACT MADE BY DEALER ON ITS OWN BEHALF, DEALER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: (A) ON ALL GOODS AND SERVICES SOLD BY DEALERS; AND (B) ON ALL USED VEHICLES WHICH ARE HEREBY SOLD "AS IS-NOT EXPRESSLY WARRANTED OR GUARANTEED."
TO THE NEGOTIATED CASH SALE PRICE OF EACH VEHICLE. THERE WILL BE ADDED THE SUM OF $199.99 FOR DEALER COSTS AND OVERHEAD FOR ITEM RELATING TO PREPARING, HANDLING AND PROCESSING DOCUMENTS FOR THE MOTOR VEHICLE AND THE CLOSING OF THE TRANSACTION. THE ONLY OTHER ADDITIONAL CHARGES PERMITTED ARE DEALER-ADDED OPTIONS. WARRANTY AND SERVICE CONTRACTS, INSURANCE AND THE ACTUAL COST OF LICENSE AND TITLE REGISTRATION AND TAXES.

ACCEPTED BY: _____
PURCHASER'S SIGNATURE

ACCEPTED BY: _____
DEALER OR HIS AUTHORIZED REPRESENTATIVE

CNGP530 VEHICLE ORDER CONFIRMATION 10/29/23 12:09:51
==> _____ Dealer: F41146
2024 F-SERIES SD Page: 1 of 2
Order No: X178 Priority: A1 Ord FIN: QC665 Order Type: 5B Price Level: 420
Ord PEP: 660A Cust/Flt Name: CRYSTAL LAKE PO Number:

| | | RETAIL |
|---|---|---|
| F5H | F550 4X4 CHAS/C | $56920 |
| | 169" WHEELBASE | |
| ✓PQ | RACE RED | |
| ✓1 | CLTH 40/20/40 | 100 |
| S | MED DARK SLATE | |
| ✓660A | PREF EQUIP PKG | |
| | .XL TRIM | |
| ✓572 | .AIR CONDITIONER | NC |
| | .AMFM/MP3/CLK | |
| ✓99N | .7.3L DEV V8 ENG | |
| ✓44G | 10-SPD AUTOMATC | NC |
| ✓TGK | 225 MAX TRAC | 215 |
| ✓X8L | 4.88 LTD SLIP | 395 |
| ✓68M | PAYLD PLUS UPGR | 1155 |
| | FLEET SPCL ADJ | NC |

| | | RETAIL |
|---|---|---|
| | FRT LICENSE BKT | NC |
| ✓18B | PLAT RUNNING BD | 320 |
| | 19500# GVWR PKG | |
| 425 | 50 STATE EMISS | NC |
| ✓43C | 120V/400W OUTLT | 175 |
| ✓473 | SNOW PLOW PREP | 250 |
| ✓512 | SPARE TIRE/WHL2 | 350 |
| TOTAL | BASE AND OPTIONS | 62580 |
| TOTAL | | 62580 |

*THIS IS NOT AN INVOICE*
*TOTAL PRICE EXCLUDES COMP PR

* MORE ORDER INFO NEXT PAGE *
F8=Next
F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library F9=View Trailers
S006 - MORE DATA IS AVAILABLE. QC01527

Missing 166 Carpet Delete

CNGP530 VEHICLE ORDER CONFIRMATION 10/29/23 12:10:38
==> _____ _____ Dealer: F41146
2024 F-SERIES SD Page: 2 of 2
Order No: X178 Priority: A1 Ord FIN: QC665 Order Type: 5B Price Level: 420
Ord PEP: 660A Cust/Flt Name: CRYSTAL LAKE PO Number:

| | | RETAIL |
|---|---|---|
| √61J | JACK | NC |
| 65Z | AFT AXLE TANK | NC |
| √67B | 410 AMP ALTRNTR | 115 |
| √76C | EX BACKUP ALARM | 175 |
| 794 | PRICE CONCESSN | |
| | REMARKS TRAILER | |
| √86M | DUAL BATTERY | NC |
| √872 | RR CAM & PREP K | 415 |
| | SP DLR ACCT ADJ | |
| | SP FLT ACCT CR | |
| | FUEL CHARGE | |
| B4A | NET INV FLT OPT | NC |
| | PRICED DORA | NC |
| | DEST AND DELIV | 1995 |

| | RETAIL |
|---|---|
| TOTAL BASE AND OPTIONS | $62580 |
| TOTAL | 62580 |

*THIS IS NOT AN INVOICE*
*TOTAL PRICE EXCLUDES COMP PR

F7=Prev
F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library F9=View Trailers
S099 - PRESS F4 TO SUBMIT QC01527

**Agenda Item No: 18**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Bid Award – Three Oaks Recreation Area Storage Building Electric Installation

**Staff Recommendation:** Motion to adopt a Resolution awarding the construction contract for the Three Oaks Recreation Area Storage Building Electric Installation to the lowest responsive and responsible bidder, Benson Electrical Contracting, Inc., in the amount of $60,000.00, execute change orders for up to 10% of the contract amount, and approve warranted completion date change orders relating to the contract

**Staff Contact:** Nick Hammonds, Assistant City Manager
Josh Allain, Management Analyst

---

## Background:

As the City Council is aware, the construction of a storage building at the Three Oaks Recreation Area was completed in spring 2023. Funds were allocated in the fiscal year 2023/2024 Capital Budget to complete final punch list items for the building, including the installation of a concrete floor, connecting the electric feed, and installing fencing and site screenings. Specifications for the electric feed installation were completed and bids were advertised in accordance with City policies.

On November 14, 2023, the City of Crystal Lake publicly opened and read aloud the bids received for the Three Oaks Recreation Area Storage Building Electric Installation project. The following is a breakdown of the bids received:

| Contractor | Total Bid Cost |
|---|---|
| Benson Electrical Contracting, Inc.√ | $60,000.00 |
| Newcastle Electric, Inc. | $78,000.00 |
| Carey Electric Contracting, LLC | $90,361.00 |
| Ridgeview Electric, Inc. | $95,300.00 |

√*Indicates lowest responsive and responsible bidder.*

The electric feed will provide power for the building's lights, security alarms, and security cameras. The scope of work includes additional electric capacity to provide power for future amenities near the storage building area.

## Recommendation:

This contract is being presented pursuant to a competitive bidding process. Under such process, the contract is to be awarded to the "lowest responsive and responsible bidder." The lowest responsive and responsible bidder is the contractor: (i) whose bid substantially conforms to the material provisions of the bid specifications, (ii) who demonstrates the financial capacity and ability to undertake and complete the project in question in accordance with bid specifications, and (iii) whose bid price is lowest among the responsive and responsible bidders. Selecting a contractor on bases not set forth in the bid specifications can lead to challenges to the City's award.

Staff has reviewed the bids received for completeness and accuracy in accordance with the invitation to bid document. Staff recommends that the contract for the Three Oaks Recreation Area Storage Building Electric Installation be awarded to the lowest responsive and responsible bidder, Benson Electrical Contracting, Inc., in the amount bid. The City has contacted references for Benson Electrical Contracting, Inc. and received positive responses.

## Votes Required to Pass:

Simple Majority

Res. 23R-___

# RESOLUTION

**WHEREAS** the CITY has identified the need to construct a storage building at the Three Oaks Recreation Area; and

**WHEREAS** the CITY received and publicly opened bids for the Three Oaks Recreation Area Storage Building Electric Installation; and

**WHEREAS** the lowest responsive and responsible bidder is Benson Electrical Contracting, Inc.

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a contract between the CITY OF CRYSTAL LAKE and Benson Electrical Contracting, Inc. for the Three Oaks Recreation Area Storage Building Electric Installation in the amount of $60,000.00; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute change orders for up to 10% of the contract amount and to approve warranted completion date change orders relating to the contract.

**DATED** this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois municipal corporation,

By:_____
Haig Haleblian, MAYOR

SEAL
ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

**THE CITY OF CRYSTAL LAKE**

**CONTRACT FOR THE THREE OAKS RECREATION AREA**

**STORAGE BUILDING ELECTRICAL FEED INSTALLATION RE-BID**

**BIDDER'S PROPOSAL**

Full Name of Bidder Benson Electical Contracting, Inc. ("Bidder")

Principal Office Address 915 S Pingree Road Unit D

Local Office Address _____

Contact Person Dan Thompson Telephone 815-455-2260

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: Nick Hammonds, Assistant City Manager

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. __/__, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the Three Oaks Recreation Area Storage Building Electrical Feed Installation; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all

3. **Contract Time Proposal**

If this Bidder's Proposal is accepted, Bidder will commence the Work not later than the "Commencement Date" set forth in Attachment A to the Contract and will perform the Work diligently and continuously and will complete the Work not later than the "Completion Date" set forth in Attachment A to the Contract.

4. **Firm Proposal**

All prices and other terms stated in this Bidder's Proposal are firm and shall not be subject to withdrawal, escalation, or change for a period of 60 days after the date on which any Bidder's Proposal is opened or such extended acceptance date for Bidder's Proposals as may be established pursuant to Sections 10 and 13 of the General Instructions to Bidders.

5. **Bidder Representations**

A. No Collusion. Bidder warrants and represents that the only persons, firms, or corporations interested in this Bidder's Proposal as principals are those named in Bidder's Sworn Acknowledgment attached hereto and that this Bidder's Proposal is made without collusion with any other person, firm or corporation.

B. Not Barred. Bidder warrants, represents and certifies that it is not barred by law from contracting with Owner or with any unit of state or local government.

C. Qualified. Bidder warrants and represents that it has the requisite experience, ability, capital, facilities, plant, organization and staff to enable Bidder to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above. In support thereof, Bidder submits the attached Sworn Work History Statement. In the event Bidder is preliminarily deemed to be one of the most favorable to the interests of Owner, Bidder hereby agrees to furnish upon request, within two business days or such longer period as may be set forth in the request, such additional information as may be necessary to satisfy Owner that Bidder is adequately prepared to fulfill the Contract.

D. Owner's Reliance. Bidder acknowledges that Owner is relying on all warranties, representations and statements made by Bidder in this Bidder's Proposal.

6. **Surety and Insurance**

Bidder herewith tenders surety and insurance commitment letters as specified in Section 6 of the Invitation for Bidder's Proposals.

## SCHEDULE OF PRICES

A. LUMP SUM CONTRACT

For providing, performing, and completing all Work, the total Contract Price of:

Sixty thousand dollars (in writing) Dollars and -0- (in writing) Cents

$60,000.- (in figures) Dollars and 00 (in figures) Cents

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits are included in this Schedule of Prices; and

4. All costs, royalties, and fees arising from the use on, or the incorporation into, the Work of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions are included in this Schedule of Prices.

All claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, or to claim any additional compensation by reason of the payment of any such tax, contribution, or premium or any such cost, royalty or fee is hereby waived and released.

**THE CITY OF CRYSTAL LAKE**

**CONTRACT FOR THE THREE OAKS RECREATION AREA**

**STORAGE BUILDING ELECTRICAL FEED INSTALLATION RE-BID**

**BIDDER'S PROPOSAL**

Full Name of Bidder NEWCASTLE ELECTRIC INC ("Bidder")

Principal Office Address 20W441 Peters Ct., Downers Grove, IL 60516

Local Office Address 1505 Industrial Drive, Itasca, Il 60143

Contact Person Michael Maloney Telephone 847.417.9805

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: Nick Hammonds, Assistant City Manager

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. 1, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

City of Crystal Lake City of Crystal Lake

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the Three Oaks Recreation Area Storage Building Electrical Feed Installation; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all

of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by or pursuant to, the Contract; all of which is herein referred to as the "Work."

B. Manner and Time of Performance. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will perform the Work in the manner and time prescribed in the Bid Package and according to the requirements of Owner pursuant thereto.

C. General. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will do all other things required of Bidder or Contractor, as the case may be, by the Bid Package.

2. **Contract Price Proposal**

If this Bidder's Proposal is accepted, Bidder will, except as otherwise provided in Section ___ of the Contract, take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth on the following "Schedule of Prices" ("Price Proposal"), which Schedule of Prices Bidder understands and agrees will be made a part of the Contract:

## SCHEDULE OF PRICES

A. LUMP SUM CONTRACT

For providing, performing, and completing all Work, the total Contract Price of:

SEVENTY EIGHT THOUSAND Dollars and -0- Cents
(in writing) (in writing)

78,000 Dollars and 00 Cents
(in figures) (in figures)

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits are included in this Schedule of Prices; and

4. All costs, royalties, and fees arising from the use on, or the incorporation into, the Work of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions are included in this Schedule of Prices.

All claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, or to claim any additional compensation by reason of the payment of any such tax, contribution, or premium or any such cost, royalty or fee is hereby waived and released.

Vice

**THE CITY OF CRYSTAL LAKE**

**CONTRACT FOR THE THREE OAKS RECREATION AREA**

**STORAGE BUILDING ELECTRICAL FEED INSTALLATION RE-BID**

**BIDDER'S PROPOSAL**

Full Name of Bidder Carey Electric Contracting, LLC ("Bidder")

Principal Office Address 3309 W Waukegan Road McHenry, IL 60050

Local Office Address 3309 W Waukegan Road McHenry, IL 60050

Contact Person Thomas A Carey Telephone 815-385-3600

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: Nick Hammonds, Assistant City Manager

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. 1, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the Three Oaks Recreation Area Storage Building Electrical Feed Installation; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all

of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by or pursuant to, the Contract; all of which is herein referred to as the "Work."

B. Manner and Time of Performance. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will perform the Work in the manner and time prescribed in the Bid Package and according to the requirements of Owner pursuant thereto.

C. General. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will do all other things required of Bidder or Contractor, as the case may be, by the Bid Package.

2. **Contract Price Proposal**

If this Bidder's Proposal is accepted, Bidder will, except as otherwise provided in Section ___ of the Contract, take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth on the following "Schedule of Prices" ("Price Proposal"), which Schedule of Prices Bidder understands and agrees will be made a part of the Contract:

## SCHEDULE OF PRICES

A. LUMP SUM CONTRACT

For providing, performing, and completing all Work, the total Contract Price of:

Ninety Thousand Three Hundred Sixty-one (in writing) Dollars and zero (in writing) Cents

90,361 (in figures) Dollars and 00 (in figures) Cents

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits are included in this Schedule of Prices; and

4. All costs, royalties, and fees arising from the use on, or the incorporation into, the Work of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions are included in this Schedule of Prices.

All claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, or to claim any additional compensation by reason of the payment of any such tax, contribution, or premium or any such cost, royalty or fee is hereby waived and released.

THE CITY OF CRYSTAL LAKE

CONTRACT FOR THE THREE OAKS RECREATION AREA

STORAGE BUILDING ELECTRICAL FEED INSTALLATION RE-BID

**BIDDER'S PROPOSAL**

Full Name of Bidder Ridgeview Electric Inc. ("Bidder")

Principal Office Address 1400 Ridgeview Drive McHenry, IL 60050

Local Office Address _____

Contact Person Andrew J. Carey Telephone 815/385-8282

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: Nick Hammonds, Assistant City Manager

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. #1, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the Three Oaks Recreation Area Storage Building Electrical Feed Installation; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all

of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by or pursuant to, the Contract; all of which is herein referred to as the "Work."

B. Manner and Time of Performance. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will perform the Work in the manner and time prescribed in the Bid Package and according to the requirements of Owner pursuant thereto.

C. General. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will do all other things required of Bidder or Contractor, as the case may be, by the Bid Package.

2. **Contract Price Proposal**

If this Bidder's Proposal is accepted, Bidder will, except as otherwise provided in Section ___ of the Contract, take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth on the following "Schedule of Prices" ("Price Proposal"), which Schedule of Prices Bidder understands and agrees will be made a part of the Contract:

## SCHEDULE OF PRICES

A. LUMP SUM CONTRACT

For providing, performing, and completing all Work, the total Contract Price of:

Ninety Five Thousand Three Hundred (in writing) Dollars and zero (in writing) Cents

$95,300 (in figures) Dollars and 00 (in figures) Cents

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits are included in this Schedule of Prices; and

4. All costs, royalties, and fees arising from the use on, or the incorporation into, the Work of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions are included in this Schedule of Prices.

All claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, or to claim any additional compensation by reason of the payment of any such tax, contribution, or premium or any such cost, royalty or fee is hereby waived and released.

**Agenda Item No: 19**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Bid Award – Snow Removal Services for Sidewalks

**Staff Recommendation:** Motion to award the bid for Snow Removal Services for Sidewalks to the lowest responsible, responsive bidder, Ringers Services, Inc., and adopt a Resolution authorizing the City Manager to execute a one-year contract for the 2023/2024 snow season with Ringers Services, Inc. in the submitted bid amounts.

**Staff Contact:** Michael Magnuson, P.E., Director of Public Works and Engineering

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**Background:**
The Public Works Department desires to contract with an outside vendor to ensure that during snow and ice events, the sidewalks surrounding the downtown parking lots, train depot, and the City of Crystal Lake Municipal Complex are cleared of snow and ice allowing for Public Works crews to focus efforts on maintaining City streets.

The outsourcing of these snow removal services is an important component of the Public Works Department's snow-fighting plan. The sidewalks surrounding the commuter parking lots, the train depot, and the Municipal Complex must be cleared early in the morning before commuter foot traffic picks up and City Hall opens for business. Outsourcing snow removal services for the sidewalks in these areas will allow uninterrupted plowing and salting roadway routes to remain the Public Works Department's top priority, while still effectively maintaining snow and ice free sidewalks in these high traffic areas.

The contract includes a base price for all snow removal services for the specified sidewalks for up to 45 inches of snow accumulation for the season. Each snow removal or de-icing event after 45 inches of accumulation will be paid at the bid prices. Due to the unpredictable nature of winter weather, a set base price for the snow season ensures that the contractor will be available for all winter storm events. The contract extends from the execution of the contract in November through April.

On November 14, 2023, the City of Crystal Lake publicly opened and read aloud the bids received for Snow Removal Services for Sidewalks.

Below is a breakdown of the bid received for the 2023/2024 season:

| | √ **Ringers Services, Inc.** *Crystal Lake, IL* | **DGO Premium Services Co.** *Des Plaines, IL* | **Snow Systems** *Wheeling, IL* |
|---|---|---|---|
| **Base Contract Price** – Snow removal services for up to 45 inches of seasonal snow accumulation | $26,000.00 | $72,500.00 | $170,000.00 |
| **Additional Snow Removal Services** – Three additional snow removal services for seasonal snow accumulation beyond 45 inches of snow | $2,100.00 | $3,000.00 | $13,950.00 |
| **Additional De-Icing/Salting Services** - Three additional De-Icing/Salting services for seasonal snow accumulation beyond 45 inches of snow | $2,250.00 | $1,500.00 | $8,100.00 |
| **Grand Total** | **$30,350.00** | **$77,000.00** | **$192,050.00** |

√ *Indicates the lowest responsible and responsive bidder*

City staff estimates that the projected cost for Public Works to conduct snow removal operations for the sidewalks identified in this bid, instead of using the contracted service during the 2023/2024 winter season, would be $38,000.00.

**Recommendation:**

The Public Works Department has reviewed all bids received for completeness and accuracy in accordance with the invitation to bid document. It is staff's recommendation to award the 2023/2024 season Snow Removal Services for Sidewalks bid to the lowest responsible, responsive bidder, Ringers Services, Inc., in the submitted bid amounts for one-year. The City is familiar with this vendor and has local references. Funds have been budgeted for these services.

**Votes Required to Pass:**

Simple Majority

# RESOLUTION

**WHEREAS** the CITY OF CRYSTAL LAKE is responsible for snow and ice control efforts including certain sidewalks around the City of Crystal Lake Municipal Complex , train depot, and downtown Crystal Lake commuter parking lots; and

**WHEREAS** the CITY OF CRYSTAL LAKE received and publicly opened bids for Snow Removal Services for Sidewalks on November 14, 2023; and

**WHEREAS** the lowest responsive and responsible bidder is Ringers Services, Inc., Crystal Lake, IL.

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a one-year contract between the CITY OF CRYSTAL LAKE and Ringers Services, Inc. for Snow Removal Services for Sidewalks in the amounts bid.

**DATED** this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois municipal corporation,

By:_____
Haig Haleblian, MAYOR

Draft

SEAL

ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

Ringers Services Inc.

**PROPOSAL**

## SCHEDULE OF PRICES

### A. SCHEDULE OF PRICES

**The Snow Removal Services for Sidewalks contract award criteria will consider the total of the Base Contract Price (up to 45 inches of snow), three additional Snow Removal Operations (greater than 45 inches of snow) and three additional De-Icing/Salt Applications (greater than 45 inches of snow). All additional Snow Removal and De-icing/Salt Applications after 45 inches of total snow for the season may be exercised at the City's discretion.**

***Price reflects a 1" trigger. Any services <1" will be charged at unit pricing.***

Base Contract Price (up to 45 inches of snow) ..Price includes Ringers services Liquid Brine material. No material needed to be supplied by city to Ringers..... $ 26,000.00 lump sum

| | Unit Price Item | Unit | Approximate Number of Units | Unit Price | Extension |
|---|---|---|---|---|---|
| 1 | Snow Removal Operations (> 45 inches of snow) | ea | 3 | $ 700.00 | $ 2,100.00 |
| 2 | De-Icing/Salting Operations (> 45 inches of snow) | ea | 3 | $ 750.00 | $ 2,250.00 |

**GRAND TOTAL:** Thirty Thousand Three Hundred Fifty (in writing) Dollars and Zero (in writing) Cents

$30,350 (in figures) Dollars and 0 (in figures) Cents

### B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

**THE CITY OF CRYSTAL LAKE**

**CONTRACT FOR THE**

**SNOW REMOVAL SERVICES FOR SIDEWALKS**

**BIDDER'S PROPOSAL**

Full Name of Bidder Ringers Services, Inc. ("Bidder")

Principal Office Address 2101 Route 176 Crystal Lake IL 60013

Local Office Address Same as Above

Contact Person Erik J Ringstrand Telephone 847.989.5593

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: ***Michael Wisinski – Public Works Analyst***
***Snow Removal Services for Sidewalks Bid***

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. _____, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the ***Snow Removal Services for Sidewalks;*** (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all

DGO Premium Services

**PROPOSAL**

## SCHEDULE OF PRICES

### A. SCHEDULE OF PRICES

**The Snow Removal Services for Sidewalks contract award criteria will consider the total of the Base Contract Price (up to 45 inches of snow), three additional Snow Removal Operations (greater than 45 inches of snow) and three additional De-Icing/Salt Applications (greater than 45 inches of snow). All additional Snow Removal and De-icing/Salt Applications after 45 inches of total snow for the season may be exercised at the City's discretion.**

Base Contract Price (up to 45 inches of snow) ..... $ 72,500 lump sum

| | Unit Price Item | Unit | Approximate Number of Units | Unit Price | Extension |
|---|---|---|---|---|---|
| 1 | Snow Removal Operations (> 45 inches of snow) | ea | 3 | $ 1,000 | $ 3,000 |
| 2 | De-Icing/Salting Operations (> 45 inches of snow) | ea | 3 | $ 500 | $ 1,500 |

**GRAND TOTAL:** Seventy-two thousand five hundred (in writing) Dollars and cero (in writing) Cents

72.500 (in figures) Dollars and 00 (in figures) Cents

### B. BASIS FOR DETERMINING PRICES

It is expressly understood and ag.eed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

**THE CITY OF CRYSTAL LAKE**

**CONTRACT FOR THE**

**SNOW REMOVAL SERVICES FOR SIDEWALKS**

**BIDDER'S PROPOSAL**

Full Name of Bidder DGO PREMIUM SERVICES CO. ("Bidder")

Principal Office Address 960 RAND RD , SUIT 106 , DES PLAINES , IL ,60016

Local Office Address 960 RAND RD , SUITE 106 , DES PLAINES , IL ,60016

Contact Person LUIS OLAGUEZ Telephone 224-578-8648

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: ***Michael Wisinski – Public Works Analyst***
***Snow Removal Services for Sidewalks Bid***

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. _____, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the docun :nts included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the ***Snow Removal Services for Sidewalks;*** (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all

Snow Systems



## SCHEDULE OF PRICES

A. SCHEDULE OF PRICES

**The Snow Removal Services for Sidewalks contract award criteria will consider the total of the Base Contract Price (up to 45 inches of snow), three additional Snow Removal Operations (greater than 45 inches of snow) and three additional De-Icing/Salt Applications (greater than 45 inches of snow). All additional Snow Removal and De-icing/Salt Applications after 45 inches of total snow for the season may be exercised at the City's discretion.**

Base Contract Price (up to 45 inches of snow) ..... $ 170,000.00 lump sum

| | Unit Price Item | Unit | Approximate Number of Units | Unit Price | Extension |
|---|---|---|---|---|---|
| 1 | Snow Removal Operations ( > 45 inches of snow) | ea | 3 | $ 4,650 | $ 13,950 |
| 2 | De-Icing/Salting Operations ( > 45 inches of snow) | ea | 3 | $ 2,700 | $ 8,100 |

**GRAND TOTAL:** one hundred ninety two thousand fifty (in writing) Dollars and _____ (in writing) Cents

$192,050.00 (in figures) Dollars and _____ (in figures) Cents

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

**Agenda Item No: 20**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Bid Award - Water Treatment Chemicals

**Staff Recommendation:**

1) Motion to award the contract to the lowest responsive and responsible bidder for Liquid Hydrofluosilicic Acid and Ortho Poly Phosphate to Hawkins, Inc. and adopt a Resolution authorizing the City Manager to execute a one-year contract with Hawkins, Inc. in the submitted bid amounts.

2) Motion to award the contract to the lowest responsive and responsible bidder for Chlorine Gas to Alexander Chemical Corporation and adopt a Resolution authorizing the City Manager to execute a one-year contract with Alexander Chemical Corporation, in the submitted bid amount.

**Staff Contact:** Michael Magnuson, P.E., Director of Public Works and Engineering

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**Background:**

The City of Crystal Lake annually requests bids for chemicals used in the water treatment process. The chemicals used are chlorine (gaseous form) for disinfection, ortho poly phosphates for corrosion control and sequestration, and hydrofluosilicic acid (fluoride). These chemicals are used at the City's five water treatment plants to comply with drinking water standards set by the Illinois Environmental Protection Agency (IEPA).

Due to continued supply chain and global demand issues associated with the production of the raw materials utilized to produce chlorine gas and ortho poly phosphate, vendors previously contacted by City staff have stated that they will not enter into a one-year fixed-price contract with customers because the supply is very limited and the market pricing is volatile.

The City advertised for bids with a one-year term with an option for the supplier to offer revised quarterly pricing. Quarterly quotes must be submitted 14 working days prior to the start of a new quarter (April/July/October), excluding January 2024. Price escalations/reductions must be presented for approval based on changes in the Producer's Price Index (PPI) or based on other

documentation provided by the supplier and based on mutual agreement. If the supplier and the City cannot come to an agreement, the City has the right to re-bid. On November 14, 2023, the City of Crystal Lake publicly opened and read aloud the bids received for purchasing water treatment chemicals. Prices were requested for a one-year contract with companies that can provide and deliver ortho poly phosphate, liquid hydrofluosilicic acid and gaseous chlorine.

The following is a breakdown of the bids received:

| Base Year 2024 | Hawkins Inc. | Alexander Chemical Corporation | Shannon Chemical Corporation |
|---|---|---|---|
| Liquid Hydrofluosilicic Acid (Gal.) | $4.90 √ | No Bid | No Bid |
| Ortho Poly Phosphate (Gal.) | $10.923 √ | No Bid | $20.18 |
| Chlorine Gas (Lb.) | $1.349 | $1.24√ | No Bid |

√ Indicates recommended lowest responsible, responsive bidder for each chemical

For comparison purposes, the 2023 unit prices (current contracts) are listed below:

| | 2023 Price |
|---|---|
| Liquid Hydrofluosilicic Acid (Gal.) | $4.67 |
| Ortho Poly Phosphate (Gal.) | $11.47 |
| Chlorine Gas (Lb.) | $1.45 |

**Recommendation:**

The Public Works Department has reviewed all bids received for completeness and accuracy in accordance with the invitation to bid document. The City has worked with these vendors previously. It is staff's recommendation to award a one-year contract to Hawkins Inc. for the purchase and delivery of Liquid Hydrofluosilicic Acid and Ortho Poly Phosphate, and award a one-year contract to Alexander Chemical Corporation for the purchase and delivery of Chlorine Gas in the submitted bid amounts, with the option for price escalations/reductions quarterly based on changes in the Producer's Price Index (PPI) or based on other documentation provided by the supplier and based on mutual agreement.

**Votes Required to Pass:**

Simple Majority

# RESOLUTION

**WHEREAS** the CITY OF CRYSTAL LAKE is required by the IEPA to adequately treat drinking water through the use of chemicals, and

**WHEREAS** the CITY OF CRYSTAL LAKE received and publicly opened bids for Water Treatment Chemicals on November 14, 2023; and

**WHEREAS** the lowest responsive and responsible bidder for Liquid Hydrofluosilicic Acid and Ortho Poly Phosphate was Hawkins, Inc.; and

**WHEREAS** the lowest responsive and responsible bidder for Chlorine Gas Alexander Chemical Corporation

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a one-year contract between the CITY OF CRYSTAL LAKE and Hawkins, Inc. for the purchase and delivery of Liquid Hydrofluosilicic Acid and Ortho Poly Phosphate in the unit prices bid; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to approve quarterly changes in the unit prices for chemicals based on documentation provided by Hawkins Inc. and reviewed by the City.

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a one-year contract between the CITY OF CRYSTAL LAKE and Alexander Chemical Corporation for the purchase and delivery of Chlorine Gas in the unit prices bid.

**BE IT FURTHER RESOLVED** that the City Manager is authorized to approve quarterly changes in the unit prices for chemicals based on documentation provided by Alexander Chemical Corporation and reviewed by the City.

Draft

**DATED** this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois municipal corporation,

By:_____
Haig Haleblian, MAYOR

SEAL

ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

Hawkins Inc.

**PROPOSAL**

## SCHEDULE OF PRICES

A. SCHEDULE OF PRICES

**BID PRICE: Water Treatment Chemicals**

Base Year: January 1, 2024 - December 31, 2024

Price for first quarter of 2024

| | | |
|---|---|---|
| Liquid Hydrofluosilicic Acid | $ 4.90 /gallon (in figures) | $ four dollars, ninety cents /gallon (in writing) |
| | $ 0.488 /lb. (in figures) | $ forty eight point eight cents /lb. (in writing) |
| Ortho Poly Phosphate | $ 10.923 /gallon (in figures) | $ ten dollars, ninety two point three cents /gallon (in writing) |
| | $ 0.949 /lb. (in figures) | $ ninety four point nine cents /lb. (in writing) |
| Gaseous Chlorine | $ 202.35 /150 lb. cylinder (in figures) | $ two hundred two dollars, thirty five cents /150 lb. cylinder (in writing) |
| | $ 1.349 /lb. (in figures) | $ one dollar, thirty four point nine cents /lb. (in writing) |

List any and all deviations from minimum specifications:

I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of Crystal Lake the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

Signature of Authorized Representative

{00028684 2}

**THE CITY OF CRYSTAL LAKE**

**CONTRACT FOR WATER TREATMENT CHEMICALS**

**BIDDER'S PROPOSAL**

Full Name of Bidder Hawkins Inc. ("Bidder")

Principal Office Address 2381 Rosegate Roseville MN 55113

Local Office Address 2450 Horner Avenue, University Park IL 60484

Contact Person Logan Brimberry, Sales Rep. Telephone 618.554.3078

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: ***Michael Wisinski – Public Works Manager***
***Water Treatment Chemicals Bid***

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. 1, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the purchase and delivery of water treatment chemicals; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and

Alexander Chemical

**PROPOSAL**

## SCHEDULE OF PRICES

A. SCHEDULE OF PRICES

**BID PRICE: Water Treatment Chemicals**

Base Year: January 1, 2024 - December 31, 2024

Price for first quarter of 2024

| | | |
|---|---|---|
| Liquid Hydrofluosilicic Acid | $ NO BID /gallon (in figures) | $ _____ /gallon (in writing) |
| | $ NO BID /lb. (in figures) | $ _____ /lb. (in writing) |
| Ortho Poly Phosphate | $ NO BID /gallon (in figures) | $ _____ /gallon (in writing) |
| | $ NO BID /lb. (in figures) | $ _____ /lb. (in writing) |
| Gaseous Chlorine | * $ 186.00 /150 lb. cylinder (in figures) | * $ One hundred eighty-six dollars and zero cents /150 lb. cylinder (in writing) * Price is firm Calendar Quarterly only! |
| | * $ 1.24 /lb. (in figures) | * $ One dollar and twenty-four cents /lb. (in writing) * Price is firm Calendar Quarterly only! |

List any and all deviations from minimum specifications:
Price is firm Calendar Quarterly Only.

I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of Crystal Lake the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

Signature of Authorized Representative — Robert Davidson, CEO

{00028684 2}

**THE CITY OF CRYSTAL LAKE**

**CONTRACT FOR WATER TREATMENT CHEMICALS**

**BIDDER'S PROPOSAL**

Full Name of Bidder Alexander Chemical Corporation ("Bidder")

Principal Office Address 7593 S. First Road, LaPorte, IN 46350

Local Office Address 7593 S. First Road, Kingsbury Industrial Plant, Kingsbury, IN 46345

Contact Person Cheyenne Haney, Bid Specialist Telephone (800) 348-8827 or (219) 393-5558

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: ***Michael Wisinski – Public Works Manager***
***Water Treatment Chemicals Bid***

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. 1, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the purchase and delivery of water treatment chemicals; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and

Shannon Chemical

**PROPOSAL**

## SCHEDULE OF PRICES

A. SCHEDULE OF PRICES

**BID PRICE: Water Treatment Chemicals**

Base Year: January 1, 2024 - December 31, 2024

Price for first quarter of 2024

| | | |
|---|---|---|
| Liquid Hydrofluosilicic Acid | $_____/gallon (in figures) | $no bid/gallon (in writing) |
| | $_____/lb. (in figures) | $_____/lb. (in writing) |
| Ortho Poly Phosphate | $20.18/gallon (in figures) | $Twenty Dollars and Eighteen Cents/gallon (in writing) |
| | $1.77/lb. (in figures) | $One Dollar and Seventy Seven Cents/lb. (in writing) |
| Gaseous Chlorine | $_____/150 lb. cylinder (in figures) | $no bid/150 lb. cylinder (in writing) |
| | $_____/lb. (in figures) | $_____/lb. (in writing) |

List any and all deviations from minimum specifications:
None

I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of Crystal Lake the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

DCM- Daniel C. Flynn, President

Signature of Authorized Representative

{00028684 2}

THE CITY OF CRYSTAL LAKE

CONTRACT FOR WATER TREATMENT CHEMICALS

**BIDDER'S PROPOSAL**

Full Name of Bidder Shannon Chemical Corporation ("Bidder")

Principal Office Address P.O. Box 376, Malvern, PA 19355

Local Office Address n/a

Contact Person Daniel C. Flynn Telephone 610-363-9090

TO: The City of Crystal Lake ("Owner")
100 W. Woodstock Street
Crystal Lake, Illinois 60045

Attention: *Michael Wisinski – Public Works Manager*
*Water Treatment Chemicals Bid*

**Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. 1, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").**

**Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.**

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the purchase and delivery of water treatment chemicals; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and

**Agenda Item No: 21**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Bid Award – Broadway Conflict Manhole Replacement Project

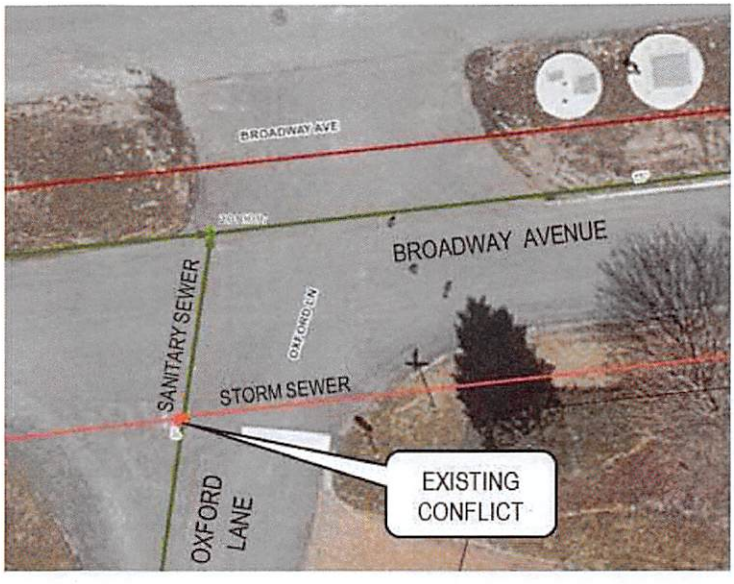
**Staff Recommendation:** Motion to award the bid for construction of the Broadway Conflict Manhole Replacement to the lowest responsive and responsible bidder, Mauro Sewer Construction, Inc. and adopt a Resolution authorizing the City Manager to execute a contract with Mauro Sewer Construction, Inc. in the amount of $93,955.00, execute change orders for up to 10% of the contract amount, and approve warranted completion date change orders relating to the contract

**Staff Contact:** Michael Magnuson, P.E., Director of Public Works and Engineering

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**Background:**

In older municipalities where storm sewers were added after other utilities were already in place, it was sometimes necessary to run one utility pipe through a manhole over/under the other established utility. These are referred to as "conflict manholes" and are typically a large structure to allow the storm water to flow unobstructed over and under the other utility pipe. At the intersection of Broadway Avenue and Oxford Lane there is an existing conflict manhole between a City sanitary sewer (in a sealed cast iron pipe) and a Village of Lakewood storm sewer. This storm sewer collects storm water in the Village of Lakewood and some City of Crystal



Lake streets in the Country Club subdivision. City and Village staff have met and mutually agreed that the existing manhole is small and should be increased in diameter to allow for improved storm water flow and to facilitate routine maintenance. This improvement will benefit residents of the Village and the City.

An Intergovernmental Agreement between the City of Crystal Lake and Village of Lakewood was approved on March 7, 2023 outlining the responsibilities and cost sharing of each municipality. The City is the lead agency for the project and the IGA outlines that the Village of Lakewood will reimburse the City 50% of all construction costs.

Plans and specifications for this work were completed by City of Crystal Lake engineering staff, and bids advertised in accordance with City policies. The City of Crystal Lake publically opened and read the bids on November 9, 2023. The bid results are summarized below:

| *Bidder* | *Cost* |
|---|---|
| Mauro Sewer Construction, Inc. [1] | $93,955.00 |
| Bolder Contractor, Inc. | $109,841.00 |
| Swallow Construction Corp | $191,195.00 |

[1] Indicates Recommended Lowest Responsive and Responsible Bidder

**Recommendation:**

This contract is being presented pursuant to a competitive bidding process. Under such process, the contract is to be awarded to the "lowest responsive and responsible bidder." The lowest responsive and responsible bidder is the contractor: (i) whose bid substantially conforms to the material provisions of the bid specifications, (ii) who demonstrates the financial capacity and ability to undertake and complete the project in question in accordance with bid specifications, and (iii) whose bid price is lowest among the responsive and responsible bidders. Selecting a contractor on bases not set forth in the bid specifications can lead to challenges to the City's award.

Mauro Sewer Construction, Inc. meets all of the City's requirements and has previously performed work with the City with satisfactory results. The Engineer Estimate of Cost shows that the contractor bid is appropriate, therefore, staff recommends Mauro Sewer Construction, Inc. for this project. This project is included in the FY 2023/2024 budget.

**Votes Required to Pass:**

Simple majority

# RESOLUTION

**WHEREAS,** the CITY OF CRYSTAL LAKE and the VILLAGE OF LAKEWOOD have identified the need to improve the flow of storm water at the intersection of Broadway Avenue and Oxford Lane through the replacement and enlargement of an existing conflict manhole; and

**WHEREAS,** the CITY owns and maintains the existing sanitary sewer pipe; and

**WHEREAS,** the VILLAGE OF LAKEWOOD owns and maintains the existing storm sewer pipe that collects storm water flow from both municipalities; and

**WHEREAS,** said improvement will mutually benefit the residents of the CITY and the VILLAGE and both municipalities will share in the cost of the project; and

**WHEREAS** the CITY received and publicly opened the bids for the Broadway Conflict Manhole Replacement project on November 9, 2023; and

**WHEREAS** the lowest responsive and responsible bidder is Mauro Sewer Construction, Inc.

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a contract between the CITY OF CRYSTAL LAKE and Mauro Sewer Construction, Inc. for the Broadway Conflict Manhole Replacement project in the bid amount $93,955.00; and

Draft

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute change orders for up to 10% of the contract amount and to approve warranted completion date change orders relating to the contract.

**DATED** this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois municipal corporation,

By:_____
Haig Haleblian, MAYOR

SEAL

ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

Mauro Construction, Inc.

**Project Cost**
**Broadway Conflict Manhole Replacement, City of Crystal Lake, Illinois**

| No. | Pay Item No. | Description | Quantity | Unit | Unit Price | Total Price |
|---|---|---|---|---|---|---|
| 1 | 67100100 | MOBILIZATION | **1.0** | LS | $ 5,000.00 | $ 5,000.00 |
| 2 | | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | **1.0** | LS | $ 25,000.00 | $ 25,000.00 |
| 3 | X1200288 | SANITARY SEWER BYPASS PUMPING | **1.0** | LS | $ 10,000.00 | $ 10,000.00 |
| 4 | 60500040 | REMOVING MANHOLES | **1.0** | EA | $ 1,200.00 | $ 1,200.00 |
| 5 | X0840000 | SANITARY SEWER REMOVAL, 8" | **26.0** | FOOT | $ 25.00 | $ 650.00 |
| 6 | 55101200 | STORM SEWER REMOVAL 24" | **15.0** | FOOT | $ 59.00 | $ 885.00 |
| 7 | X0324078 | CONFLICT MANHOLES, 8'-DIAMETER | **1.0** | EA | $ 29,000.00 | $ 29,000.00 |
| 8 | Z0056900 | SANITARY SEWER (WATER MAIN QUALITY), DUCTILE IRON, 8" | **24.0** | FOOT | $ 280.00 | $ 6,720.00 |
| 9 | 550A0410 | STORM SEWERS, CLASS A, TYPE 2 24" | **15.0** | FOOT | $ 600.00 | $ 9,000.00 |
| 10 | 44201696 | CLASS D PATCHES, TYPE IV, 4 INCH | **50.0** | SY | $ 100.00 | $ 5,000.00 |
| 11 | | PARKWAY RESTORATION | **1.0** | LS | $ 1,500.00 | $ 1,500.00 |
| | | | | **CONTRACT AMOUNT** | $ | 93,955.00 |

Contractor: Bolder Contractors

Project Cost

## Broadway Conflict Manhole Replacement, City of Crystal Lake, Illinois

| No. | Pay Item No. | Description | Quantity | Unit | Unit Price | Total Price |
|---|---|---|---|---|---|---|
| 1 | 67100100 | MOBILIZATION | 1.0 | LS | 6000.- | $ 6000.- |
| 2 | | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | 1.0 | LS | 9000.- | $ 9000.- |
| 3 | X1200288 | SANITARY SEWER BYPASS PUMPING | 1.0 | LS | 500.- | $ 500.- |
| 4 | 60500040 | REMOVING MANHOLES | 1.0 | EA | 500.- | $ 500.- |
| 5 | X0840000 | SANITARY SEWER REMOVAL, 8" | 26.0 | FOOT | 1.- | $ 26.- |
| 6 | 55101200 | STORM SEWER REMOVAL 24" | 15.0 | FOOT | 1.- | $ 15.- |
| 7 | X0324078 | CONFLICT MANHOLES, 8'-DIAMETER | 1.0 | EA | 80,000.- | $ 80,000.- |
| 8 | Z0056900 | SANITARY SEWER (WATER MAIN QUALITY), DUCTILE IRON, 8" | 24.0 | FOOT | 200.- | $ 4800.- |
| 9 | 550A0410 | STORM SEWERS, CLASS A, TYPE 2 24" | 15.0 | FOOT | 200.- | $ 3000.- |
| 10 | 44201696 | CLASS D PATCHES, TYPE IV, 4 INCH | 50.0 | SY | 110.- | $ 5500.- |
| 11 | | PARKWAY RESTORATION | 1.0 | LS | 500.- | $ 500.- |

CONTRACT AMOUNT $ 109,841.00

Contractor Representative

Contractor: Swallow Construction Corp

Project Cost

## Broadway Conflict Manhole Replacement, City of Crystal Lake, Illinois

| No. | Pay Item No. | Description | Quantity | Unit | Unit Price | Total Price |
|---|---|---|---|---|---|---|
| 1 | 67100100 | MOBILIZATION | 1.0 | LS | $ 19,500.00 | $ 19,500.00 |
| 2 | | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | 1.0 | LS | $ 9,500.00 | $ 9,500.00 |
| 3 | X1200288 | SANITARY SEWER BYPASS PUMPING | 1.0 | LS | $ 15,000.00 | $ 15,000.00 |
| 4 | 60500040 | REMOVING MANHOLES | 1.0 | EA | $ 800.00 | $ 800.00 |
| 5 | X0840000 | SANITARY SEWER REMOVAL, 8" | 26.0 | FOOT | $ 20.00 | $ 520.00 |
| 6 | 55101200 | STORM SEWER REMOVAL 24" | 15.0 | FOOT | $ 20.00 | $ 300.00 |
| 7 | X0324078 | CONFLICT MANHOLES, 8'-DIAMETER | 1.0 | EA | $ 118,000.00 | $ 118,000.00 |
| 8 | Z0056900 | SANITARY SEWER (WATER MAIN QUALITY), DUCTILE IRON, 8" | 24.0 | FOOT | $ 400.00 | $ 9,600.00 |
| 9 | 550A0410 | STORM SEWERS, CLASS A, TYPE 2 24" | 15.0 | FOOT | $ 750.00 | $ 11,250.00 |
| 10 | 44201696 | CLASS D PATCHES, TYPE IV, 4 INCH | 50.0 | SY | $ 82.00 | $ 4,100.00 |
| 11 | | PARKWAY RESTORATION | 1.0 | LS | $ 2,625.00 | $ 2,625.00 |

**CONTRACT AMOUNT** $ 191,195.00

**Contractor Representative**

**Agenda Item No: 22**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Bid Award - Pumps, Pump Repair Parts and Pump Repair Services

**Staff Recommendation:** Motion to award the bid for Pumps, Pump Repair Parts and Pump Repair Services to the lowest responsive, responsible bidder, Xylem, Inc. and adopt a Resolution authorizing the City Manager to execute a contract with Xylem Inc. for one-year with four optional one-year extensions in the bid amounts.

**Staff Contact:** Michael Magnuson, P.E., Director of Public Works and Engineering

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**Background:**
The City of Crystal Lake's Public Works Department Wastewater Division is responsible for 31 pumping stations of various size and capacity. There are 28 wastewater and three stormwater pump stations. Together, these facilities house 60 pumps. The wastewater pump stations operate twenty-four hours a day, 365 days a year and are a part of the City's overall sanitary sewer system that transports wastewater to the City's wastewater treatment plants. Public Works requires prompt access to replacement pumps, parts, and service to keep the stations functioning. At each station, the pumps connect to specialized piping at the base of the wet wells and have ancillary equipment such as control wiring, guide rails, and lift chains to facilitate pump removal and inspection.

Public Works staff is always looking for the best value in equipment, parts and repairs for all its equipment and facilities. Due to the City's need to ensure that sanitary sewer lift stations are working properly around the clock, the majority of the City's lift stations use Flygt pumps, which have a proven track record with the City and other public agencies. The Flygt brand pumps that the City owns and operates have performed very well. Additionally, parts, repairs and replacement equipment have been easy to obtain. In the past, staff has tried aftermarket parts (non-Flygt parts) for these pumping systems with poor results. Bidding out of the pumps, parts and servicing saves staff time and ensures that pumps can be repaired or replaced quickly. It also locks in prices for the contract term up to five years which enhances budget planning.

This bid was advertised publically and staff maintained the broad bid specifications that were bid out previously to allow other brands of pumps to participate in this bid. The bid specifications stated that the City would accept and consider new pump manufacturers as long as they have a proven

service record, are compatible with the current lift station pumps and designs, and included all costs to modify the lift station for new pump installation (modifications to control wiring, rails, etc.). On October 5, 2023, the City of Crystal Lake received two bids that were publicly opened and read aloud. One bid was determined to be non-responsive. The responsive bid is listed below:

| Company | Anticipated Annual Cost based on Prices Submitted | % Increase Year 2 | % Increase Year 3 | % Increase Year 4 | % Increase Year 5 |
|---|---|---|---|---|---|
| √ Xylem, Inc.<br>Tinley Park, IL | See attached bid sheet | 5% | 5% | 5% | 5% |

√ Indicates the lowest responsive and responsible bidder.

**Recommendation:**

This contract is being presented pursuant to a competitive bidding process. Under such process, the contract is to be awarded to the "lowest responsive and responsible bidder." The lowest responsive and responsible bidder is the contractor: (i) whose bid substantially conforms to the material provisions of the bid specifications, (ii) who demonstrates the financial capacity and ability to undertake and complete the project in question in accordance with bid specifications, and (iii) whose bid price is lowest among the responsive and responsible bidders. Selecting a contractor on bases not set forth in the bid specifications can lead to challenges to the City's award.

The Public Works Department has reviewed all bids received for completeness and accuracy in accordance with the invitation to bid document and checked references for Xylem, Inc. Therefore, it is the recommendation of staff to award the bid for Pumps, Pump Repair Parts and Pump Repair Services to the lowest responsible, responsive bidder, Xylem, Inc., for a one-year contract with four optional one-year extensions and adopt a Resolution authorizing the City Manager to execute an agreement with Xylem Inc. in the amounts bid.

**Votes Required to Pass:**

Simple majority

# RESOLUTION

**WHEREAS** the CITY maintains wastewater infrastructure throughout the city to allow for the conveyance of storm and sanitary wastewater, including numerous pump stations with pumps; and

**WHEREAS** the rapid procurement of pumps, pump repair parts, and pump repair services is necessary for the continuous operations of these pump stations; and

**WHEREAS** the CITY advertised, received, and publicly opened the bids for Pump, Pump Repair Parts, and Pump Repair Services on October 5, 2023; and

**WHEREAS** the lowest responsive and responsible bidder is Xylem, Inc.

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that the City Manager is authorized to execute a one-year contract with four optional one-year extensions between the CITY OF CRYSTAL LAKE and Xylem, Inc. for the purchase of Pumps, Pump Repair Parts, and Pump Repair Services in the bid amounts.

**DATED** this 21st day of November, 2023.

CITY OF CRYSTAL LAKE, an
Illinois municipal corporation,

By:_____
Haig Haleblian, MAYOR

Draft

SEAL

ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

Draft

# Pump Maintenance & Purchasing Price Sheet

## Bidder Information

Company Name: Xylem Inc Telephone: 312-796-4961
Address: 9661 194th St. Fax:
City, State, Zip: Mokena, IL 60448 E-Mail: Aaron.Flitcraft@xylem.com
Contact Name: Aaron Flitcraft

**BID PRICING - General Pump Model,Part Number & Award of Bid Description / Information**

A) Alternative Pump Manufactuer pumps *must* be cross referenced to Flygt pump models
B) Alternative Pump Manufactuers *must* provide Flygt pump part pricing (No after market substutions)
C) The award of this contract will be determined by ability to meet specifications, the base bid total for 40 hours of the "Hourly Repair Rate", and new pump purchases and repair parts submitted in this price sheet for the following Flygt pump models or their cross referenced Alternative Pump Manufacture pumps - 3102.070-0038, 3127.070-0004, 3127.070.0067, 3127.070-0057, 3153.095-0008, 3153.185-0750, and 3153.095-0006. These are the most common pump models in the City's inventory.
D) Prices must also be provided for the remaining pump models and parts as requested.
E) New pump pricing shall include any additional costs for modifications including, but not limited to, labor to perform modifications, guardrail modifications (top & bottom), Mini-Cas units, motor starters, etc.

| Flygt Pump Model # | Part # | Part Description | Individual Cost | QTY | Total |
|---|---|---|---|---|---|
| 3102.070-0038 | 3102.070-0038 | New Pump | $8633.25 | 2 | $17266.50 |
| | 6018906 | Basic Repair Kit | $1367.65 | 2 | $2735.30 |
| | 4447503 | Shaft Unit | $1207.00 | 2 | $2414.00 |
| | 3101101 | Stator 18-11-4A | $1451.80 | 2 | $2903.60 |
| | 942060 | Motor Cable Subcab | $28.05 | 100 | $2805.00 |
| | 7984045 | Impeller Unit | $2595.05 | 2 | $5190.10 |
| | | | Pump Model Total: | | $33314.50 |

| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| | | New Pump | $ | 2 | $ |
| | | Basic Repair Kit | $ | 2 | $ |
| | | Shaft Unit | $ | 2 | $ |
| | | Stator | $ | 2 | $ |
| | | Motor Cable Subcab | $ | 2 | $ |
| | | Impeller Unit | $ | 2 | $ |
| | | | Pump Model Total: | | $ |

| Flygt Pump Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| 3127.070-0004 (Old Pump P/N 3127.095-0067) | 3127.070-0004 | New Pump | $12300.75 | 2 | $24601.50 |
| | 6018909 | Basic Repair Kit | $1987.30 | 2 | $3974.60 |
| | 7989300 | Shaft Unit | $1635.40 | 2 | $3270.80 |
| | 3094412 | Stator 21-12-4A | $1301.35 | 2 | $2602.70 |
| | 942056 | Motor cable Subcab | $28.05 | 100 | $2805.00 |
| | 7986420 | Impeller | $3264.85 | 2 | $6529.70 |
| | | | Pump Model Total: | | $43784.30 |

| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| | | New Pump | $ | 2 | $ |
| | | Basic Repair Kit | $ | 2 | $ |
| | | Shaft Unit | $ | 2 | $ |
| | | Stator | $ | 2 | $ |
| | | Motor Cable Subcab | $ | 2 | $ |
| | | Impeller Unit | $ | 2 | $ |
| | | | Pump Model Total: | | $ |

| Flygt Pump Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| 3127.070.0067 (Old Pump P/N 3127.095-0076) | 3127.070-0067 | New Pump | $11446.50 | 2 | $22893.00 |
| | 6018909 | Basic Repair Kit | $1987.30 | 2 | $3974.60 |
| | 7989301 | Shaft Unit | $1819.85 | 2 | $3639.70 |
| | 4266312 | Stator 21-10-4A | $1326.85 | 2 | $2653.70 |
| | 942056 | Motor Cable Subcab | $28.05 | 100 | $2805.00 |
| | 7985863 | Impeller | $3478.20 | 2 | $6956.40 |
| | | | Pump Model Total: | | $42922.40 |

| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| | | New Pump | $ | 2 | $ |
| | | Basic Repair Kit | $ | 2 | $ |
| | | Shaft Unit | $ | 2 | $ |
| | | Stator | $ | 2 | $ |
| | | Motor Cable Subcab | $ | 2 | $ |
| | | Impeller Unit | $ | 2 | $ |
| | | | Pump Model Total: | | $ |

| Flygt Pump Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| 3127.070-0057 (Old Pump P/N 3127.190-0164) | 3127.070-0057 | New Pump | $12300.75 | 2 | $24601.50 |
| | 6018909 | Basic Repair Kit | $1987.30 | 2 | $3974.60 |
| | 7989300 | Shaft Unit | $1635.40 | 2 | $3270.80 |
| | 3094412 | Stator 15-09-2A | $1301.25 | 2 | $2602.70 |
| | 942056 | Motor Cable subcab | $28.05 | 100 | $2805.00 |
| | 7985847 | Impeller Unit | $3882.80 | 2 | $7765.60 |
| | | | Pump Model Total: | | $45020.20 |

| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| | | New Pump | $ | 2 | $ |
| | | Basic Repair Kit | $ | 2 | $ |
| | | Shaft Unit | $ | 2 | $ |
| | | Stator | $ | 2 | $ |
| | | Motor Cable Subcab | $ | 2 | $ |
| | | Impeller Unit | $ | 2 | $ |
| | | | Pump Model Total: | | $ |

| Flygt Pump Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| 3153.095-0008 | 3153.095-0008 | New Pump | $19692.00 | 1 | $19692.00 |
| | 6571708 | Basic Repair Kit | $2595.05 | 1 | $2595.05 |
| | 6419806 | Shaft Unit | $1945.65 | 1 | $1945.65 |
| | 6419305 | Stator 21-18-4A | $2481.15 | 1 | $2481.15 |
| | 941982 | Motor Cable Subcab | $53.55 | 50 | $2677.50 |
| | 6987242 | Impeller Unit | $3959.30 | 1 | $3959.30 |
| | | | Pump Model Total: | | $33350.65 |

| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| | | New Pump | $ | 1 | $ |
| | | Basic Repair Kit | $ | 1 | $ |
| | | Shaft Unit | $ | 1 | $ |
| | | Stator | $ | 1 | $ |
| | | Motor Cable Subcab | $ | 1 | $ |
| | | Impeller Unit | $ | 1 | $ |
| | | | Pump Model Total: | | $ |

| Flygt Pump Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| 3153.185-0750 | 3153.185-0750 | New Pump | $23969.25 | 1 | $23969.25 |
| | 6571708 | Basic Repair Kit | $2595.05 | 1 | $2595.05 |
| | 6419806 | Shaft Unit | $1945.65 | 1 | $1945.65 |
| | 6419305 | Stator 21-18-4A | $2481.15 | 1 | $2481.15 |
| | 941982 | Motor Cable Subcab | $53.55 | 50 | $2677.50 |
| | 6987333 | Impeller Unit | $5034.55 | 1 | $5034.55 |
| | | | Pump Model Total: | | $38703.15 |

| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| | | New Pump | $ | 1 | $ |
| | | Basic Repair Kit | $ | 1 | $ |
| | | Shaft Unit | $ | 1 | $ |
| | | Stator | $ | 1 | $ |
| | | Motor Cable Subcab | $ | 1 | $ |
| | | Impeller Unit | $ | 1 | $ |
| | | | Pump Model Total: | | $ |

| Flygt Pump Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| 3153.095-0006 | 3153.095-0006 | New Pump | $18638.25 | 1 | $18638.25 |
| | 6571708 | Basic Repair Kit | $2595.05 | 1 | $2595.05 |
| | 6419805 | Shaft Unit | $2086.75 | 1 | $2086.75 |
| | 6419405 | Stator | $1813.90 | 1 | $1813.90 |
| | 941981 | Motor Cable Subcab | $39.95 | 50 | $1997.50 |
| | 7032032 | Impeller Unit | $3930.40 | 1 | $3930.40 |
| | | | Pump Model Total: | | $31061.85 |

| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost | QTY | Total |
|---|---|---|---|---|---|
| | | New Pump | $ | 1 | $ |
| | | Basic Repair Kit | $ | 1 | $ |
| | | Shaft Unit | $ | 1 | $ |
| | | Stator | $ | 1 | $ |
| | | Motor Cable Subcab | $ | 1 | $ |
| | | Impeller Unit | $ | 1 | $ |
| | | | Pump Model Total: | | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3085.070-0012 | 3085.070-0012 | New Pump | $7443.75 |
| | 6018960 | Basic Repair Kit | $1718.70 |
| | 5959205 | Shaft Unit | $861.05 |
| | 4084212 | Stator 15-09-2A | $769.25 |
| | 942059 | Motor Cable subcab | $1190.00 |
| | 8264123 | Impeller Unit | $1989.00 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3102.070-0045 | 3102.070-0045 | New Pump | $8949.75 |
| | 6018906 | Basic Repair Kit | $1367.65 |
| | 4447606 | Shaft Unit | $1122.85 |
| | 3448612 | Stator 18-10-2A | $1123.70 |
| | 942060 | Motor Cable Subcab | $1402.50 |
| | 7983429 | Impeller Unit | $2595.05 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3171.095-0001 | 3171.095-0001 | New Pump | $31267.50 |
| | 6571701 | Basic Repair Kit | $4786.35 |
| | 6524605 | Shaft Unit | $2795.65 |
| | 6929901 | Stator 25-19-4A | $3371.95 |
| | 941981 | Motor Cable Subcab | $1997.50 |
| | 7040647 | Impeller Unit | $5182.45 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3069.060-0105 | 3069.060.0105 | New Pump | $3420.75 |
| | 8010101 | Basic Repair Kit | $733.55 |
| | 7937110 | Shaft Unit | $517.65 |
| | 6578612 | Stator 13-08-4B | $827.05 |
| | 942059 | Motor Cable Subcab | $1190.00 |
| | 8494503 | Impeller Unit | $1283.50 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3202.185-0420 | 3202.85.0420 | New Pump | $45740.25 |
| | 6571708 | Basic Repair Kit | $2595.05 |
| | 6419806 | Shaft Unit | $1945.65 |
| | 6477601 | Stator 30-23-6A | $10128.60 |
| | 942060 | Motor Cable Subcab | $1402.50 |
| | 7626811 | Impeller Unit | $7004.85 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3045.181-6550 | 3045.81.6550 | New Pump | $1232.25 |
| | 6018949 | Basic Repair Kit | $354.45 |
| | 6826000 | Shaft Unit | $233.55 |
| | 6951304 | Stator 12-08-2B | $433.50 |
| | 942042 | Motor Cable Subcab | $408.00 |
| | 6117103 | Torque Flow Impeller | $73.95 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3102.070-0003 | 3102.070.0003 | New Pump | $8949.75 |
| | 6018906 | Basic Repair Kit | $1367.65 |
| | 4393507 | Shaft Unit | $974.10 |
| | 3448612 | Stator 18-10-2A | $1123.70 |
| | 942060 | Motor Cable Subcab | $1402.50 |
| | 7984032 | Impeller Unit | $2595.05 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3127.060-0016 | 3127.060.0016 | New Pump | $10569.00 |
| | 6018909 | Basic Repair Kit | $1987.30 |
| | 7913701 | Shaft Unit | $1308.15 |
| | 4266312 | Stator 21-10-4A | $1326.85 |
| | 942056 | Motor Cable Subcab | $1402.50 |
| | 7985863 | Impeller Unit | $3478.20 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Pump Model # | Part # | Part Description | Cost |
|---|---|---|---|
| 3301.095-0024 | 3301.095.0024 | New Pump | $63507.75 |
| | 6571705 | Basic Repair Kit | $8780.50 |
| | 6631701 | Shaft Unit | $12741.50 |
| | 6423101 | Stator 35-25-4A | $9144.30 |
| | 941985 | Motor Cable Subcab | $3655.00 |
| | 7043320 | Impeller Unit | $7965.35 |
| Alternative Pump Manufactuer - Model # | Part # | Part Description | Cost |
| | | New Pump | $ |
| | | Basic Repair Kit | $ |
| | | Shaft Unit | $ |
| | | Stator | $ |
| | | Motor Cable Subcab | $ |
| | | Impeller Unit | $ |

| Flygt Part # | Part # | Part Description | Cost |
|---|---|---|---|
| Mini-Cas II 14-407129 | | Socket,11 Pin 14-407097 | $648.55 |
| Alternative Manufactuer | Part # | Part Description | Cost |
| | | | $ |

% List Price Discount On Any Pump or Pump Parts Not Noted Above

| Flygt | % Discount Off List | Part Description Not Noted Above | 25% |
|---|---|---|---|
| | | | % |
| Alternative Manufactuer | % Discount Off List | Part Description Not Noted Above | % |
| | | | % |

List Pricing for the Following Services

| Flygt | Hourly Repair Rate | Cost | Estimated Hours | Total Est. Cost |
|---|---|---|---|---|
| | Mon-Fri 7AM to 3PM | $165 | 40 | $6600 |
| Alternative Manufactuer or Service Provider | Hourly Repair Rate | Cost | Estimated Hours | Total Est. Cost |
| | Mon-Fri 7AM to 3PM | $ | 40 | $ |
| | | | | |
| Flygt | On-Site Emergency Hourly Repair Rate Outside of Mon-Fri 7AM to 3PM | Cost | Estimated Hours | Total Est. Cost |
| | | $250 | 20 | $5000 |
| Alternative Manufactuer of Service Provider | On-Site Emergency Hourly Repair Rate Outside of Mon-Fri 7AM to 3PM | Cost | Estimated Hours | Total Est. Cost |
| | | $ | 20 | $ |

| Flygt | Pick Up & Delivery Rate | Cost |
|---|---|---|
| | Mon-Fri 7AM to 3PM | $200/Hr |
| Alternative Manufactuer or | Pick Up & Delivery Rate | Cost |
| | Mon-Fri 7AM to 3PM | $ |

| | Pumps | Pump Parts | Hourly Rate | Pick Up & Delivery |
|---|---|---|---|---|
| Year #2 Increase (%) | 5% | 5% | 5% | 5% |
| Year #3 Increase (%) | 5% | 5% | 5% | 5% |
| Year #4 Increase (%) | 5% | 5% | 5% | 5% |
| Year #5 Increase (%) | 5% | 5% | 5% | 5% |

**List any and all deviations from the minimum specifications or part numbers noted above:**

I certify that I am acting as an agent for the firm designated below and that the firm will

Signature of Authorized Representative

**Agenda Item No: 23**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Resolution Amendment - Public Works Electrical Services

**Staff Recommendation:** Motion to amend the Resolution (Res.23R-82) for various Public Works Electrical Services increasing the annual not-to-exceed amount from $25,000 to $75,000.

**Staff Contact:** Michael Magnuson, Director of Public Works & Engineering

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**Discussion:**

On August 1, 2023 the City Council adopted Resolution 23R-82 awarding a non-exclusive contract for Public Works Electrical Services to Ron Jones Electric, Inc. This contract was the result of an open Request for Proposal (RFP) process for electrical services and was awarded based on qualifications, hourly rates and material markups. The contract is for one year with two optional one-year extensions. The RFP results from August are provided below for reference:

| | Year 1 | | Year 2 | | Year 3 | |
|---|---|---|---|---|---|---|
| **Service Rate** | **√Ron Jones Electric** | **Associated Electric** | **√Ron Jones Electric** | **Associated Electric** | **√Ron Jones Electric** | **Associated Electric** |
| Normal Hourly Rate | $120.00 | $140.00 | $123.00 | $143.00 | $127.00 | $146.00 |
| Overtime Rate (Monday - Friday) | $168.00 | $210.00 | $172.00 | $213.00 | $177.00 | $216.00 |
| Premium Rate (Monday – Friday) | $213.00 | $280.00 | $220.00 | $283.00 | $225.00 | $286.00 |
| Weekend Rate | $168.00 Sat. $213.00 Sun. | $280.00 | $172.00 Sat. $177.00 Sun. | $283.00 | $220.00 Sat. $225.00 Sun. | $286.00 |
| Holiday Rate | $213.00 | $280.00 | $220.00 | $283.00 | $225.00 | $286.00 |
| Materials Markup | 10% | 30% | 10% | 30% | 10% | 30% |

√ - Indicates pricing of the recommended proposal

The contract was awarded for small individual projects and general repairs on an as needed basis at public works and other City facilities. Resolution 23R-82 placed an annual limit of $25,000 for the entire contract (not projects). The limit of $25,000 annually does not reflect what has been budgeted for these services by the divisions of the Public Works Department and other Departments. The Public Works Department requests to increase the annual not-to exceed limit written into Resolution 23R-82 from $25,000 to $75,000. This increase will allow the Public

Works Department and other City Departments to use the funds that have been previously budgeted for electrical services using the Public Works Electrical Services contract with Ron Jones Electrical, Inc. The contract limits individual projects to $18,000 or less. Projects more than $18,000 will require quotes from other vendors or a bid if over $25,000.

**Recommendation:**

It is the recommendation of the Public Works Department that the annual not-to-exceed amount in Resolution 23R-82 be increased from $25,000 to $75,000. Funds have been budgeted for this increase in the not-to-exceed amount. City legal counsel has reviewed this action.

**Votes Required to Pass:**

Simple majority

# RESOLUTION

**WHEREAS** On August 1, 2023 the City Council adopted Resolution 23R-82 awarding a non-exclusive contract for Public Works Electrical Services to Ron Jones Electric, Inc. (the "Contract") based upon guaranteed hourly rates. Included in this Resolution is a not-to exceed amount of $25,000 limiting the amount that can be spent annually in conjunction with the Contract.

**WHEREAS,** the Contract was awarded with the intent of securing pricing for small, individual projects and repairs throughout all of Public Works on an as needed basis for individual repair and/or maintenance projects valued at less than $18,000; and

**WHEREAS** this contract is intended to cover various electrical services at a wide range of Public Works facilities including water wells, treatment plants, wastewater plants, wastewater lift stations, various municipal buildings; and

**WHEREAS** an annual not-to-exceed amount of $25,000 written in Resolution 23R-82 does not fully account for the Public Works Department's electrical services budgeted;

**NOW THEREFORE BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRYSTAL LAKE** that the foregoing recitals are repeated and incorporated as though fully set forth herein; and

**BE IT FURTHER RESOLVED** that Resolution 23R-82 for the contract between the CITY OF CRYSTAL LAKE and Ron Jones Electric, Inc. for Public Works Electrical Services at the rates and annual increases identified in their Proposal shall be amended to increase the annual not-to-exceed amount from $25,000 to $75,000.

**DATED** this 21st day of November, 2023.

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CITY OF CRYSTAL LAKE, an
Illinois municipal corporation,

By: _____
Haig Haleblian, MAYOR

SEAL

ATTEST

_____
Nick Kachiroubas, CITY CLERK

PASSED: November 21, 2023
APPROVED: November 21, 2023

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**Agenda Item No: 24**

# City Council
# Agenda Supplement

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**Meeting Date:** November 21, 2023

**Item:** Amendment to Chapter 115 of the City Code

**Staff Recommendation:** Motion to adopt an Ordinance amending Chapter 115 of the City Code regarding paid leaves of absence of City Employees.

**Staff Contact:** Eric Helm, City Manager
Julie Meyer, Director of Human Resources

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## Background:

The Illinois Paid Leave for All Workers Act takes effect on January 1, 2024. This Act requires all employers (with the exception of school districts, park districts, and employees in the construction industry) to provide 40 hours of paid leave for any reason (or no reason) during a 12-month period and leave must accrue at a rate of one hour for every 40 hours worked. This Act applies to all employees: full-time, part-time, and seasonal. Employees are entitled to begin using paid leave 90 days after their hire date or 90 days following the effective date of the Act (whichever is later), and any unused hours of leave are to be paid out upon termination. The Act does include an opportunity for local control of paid leave requirements.

Impact of Legislation on City Operations

The City already offers paid leave comparable to the Act's requirements to all full-time employees. Thus, the City is not required to provide an additional 40 hours to full-time employees, but the Act could have operational impacts regarding accrual and recordkeeping. Most significant, because the Act does not require documentation for use of leave time, this will impact the City's ability to control the use of leave time for operational reasons and could leave the City with a depleted workforce and/or an inability to conduct crucial government operations. Under the Act, the City would also be required to provide paid leave to all part-time and seasonal employees.

Recommended Actions

Adopt a paid leave ordinance which would simply establish a minimum number of hours (2 hours paid time off annually) for every employee, "in accordance with the conditions and limitations of...personnel policies or (where applicable) collective bargaining agreements." Even though the City would be providing this benefit to part-time and seasonal employees, the cost and impact on City operations will be minimal. By structuring the City's ordinance in this manner, the City may amend its applicable policies and contracts in order to comply with applicable laws, while at the same time avoiding having to comply with unreasonable restrictions of the Act.

**Votes Required to Pass:**

Simple majority

ORDINANCE NO.
FILE NO.

**CITY OF CRYSTAL LAKE**

**AN ORDINANCE AMENDING CHAPTER 115 OF THE CITY CODE REGARDING PAID LEAVES OF ABSENCE OF CITY EMPLOYEES**

**WHEREAS,** the City of Crystal Lake (the "***City***") is a home rule Illinois municipality operating Article VII, Section 6 of the Illinois Constitution and the Illinois Municipal Code, 65 ILCS 5; and

**WHEREAS,** pursuant to Section 10-4-1 of the Illinois Municipal Code, the City has the authority to provide by ordinance appropriate terms and conditions relating to City employees; and

**WHEREAS,** Chapter 115 of the Crystal Lake City Code (the "***City Code***") sets forth various conditions and provisions relating to compensation of employees of the City; and

**WHEREAS,** in addition, the City has developed and approved a "City of Crystal Lake Personnel Policy Manual" (the "***Personnel Manual***"), which Personnel Manual has been amended from time-to-time; and

**WHEREAS,** the Personnel Manual sets forth various terms and policies regarding leaves of absence for City employees; and

**WHEREAS,** consistent with Section 15(p) of P.A. 102-1143, the City has authority to establish requirements for employers to provide paid leave to their employees, including paid sick leave; and

**WHEREAS,** the Mayor and City Council of the City (the "***City Council***") have determined that it will serve and be in the best interests of the City and its residents to amend Chapter 115 of the

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City Code to establish minimum requirements for paid leave of City employees pursuant to the City's authority under P.A. 102-1143;

**NOW, THEREFORE, BE IT ORDAINED** by the Mayor and City Council of the City of Crystal Lake, County of Lake, State of Illinois, as follows:

**SECTION ONE. Recitals.** The foregoing recitals are incorporated into and made a part of this Ordinance by reference.

**SECTION TWO. Amendment to Chapter 115 of the City Code.** Chapter 115, entitled "Salaries," of the City Code is hereby amended by adding a new Section 115-3a, to be entitled "Minimum Paid Time Off," which new Section 115-3a shall hereafter be and read as follows:

**115-3a Minimum Paid Time Off.**

The City shall hereby provide every employee (whether full-time, part-time, or seasonal) not less than two (2) hours of paid time off annually. To the extent that the City establishes from time-to-time personnel policies extending a greater amount of paid leave, the amount of paid leave set forth in such policies shall apply to employees in accordance with the conditions and limitations of such policies. To the extent that a collective bargaining agreement sets forth standards different than the personnel policies established by the City, the terms of the collective bargaining agreement shall control to the extent permitted by law. Any paid time off shall be administered in accordance with the conditions and limitations of such personnel policies or (where applicable) collective bargaining agreements.

**SECTION THREE**. **Effective Date.** This Ordinance shall be in full force and effect upon its passage, approval, and publication in the manner provided by law.

PASSED THIS _____ day of _____, 2023.
AYES: ( )
NAYS: ( )
ABSENT: ( )
APPROVED THIS _____ day of _____, 2023.

_____
Mayor

ATTEST:

_____
City Clerk

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