# City of Ramsey
## Agenda
# Environmental Policy Board (EPB)
**Monday, May 16, 2022**
## 6:30 pm
## Council Chambers, 7550 Sunwood Drive NW

**Remote Attendance available at www.cityoframsey.com/meetings. Those joining remotely and requesting to speak are asked to use a webcam when speaking.**

**1. Call to Order**

**2. Citizen Input**

**3. Approve Agenda**

**4. Approve Minutes**

1. Approve Meeting Minutes Dated April 18, 2022

**5. Policy Board Business**

1. Consider Natural Resources Elements for PACT Charter School Site Plan, Preliminary Plat and Final Plat (Project No. 22-107); Case of JB Vang on Behalf of PACT Charter School

2. Arbor Day Recap

3. Rain Barrel and Compost Bin Sale Update

**6. Board/Staff Input**

**7. Adjournment**

**Environmental Policy Board (EPB)** **4. 1.**

**Meeting Date:** 05/16/2022

**By:** Chris Anderson, Community Development

## Information

**Title:**

Approve Meeting Minutes Dated April 18, 2022

**Action:**

## Attachments

Meeting Minutes Dated April 18, 2022

## Form Review

| Inbox | Reviewed By | Date |
|---|---|---|
| Brian Hagen | Brian Hagen | 05/12/2022 03:26 PM |
| Form Started By: Chris Anderson | | Started On: 05/12/2022 09:19 AM |
| Final Approval Date: 05/12/2022 | | |

**ENVIRONMENTAL POLICY BOARD**
**CITY OF RAMSEY**
**ANOKA COUNTY**
**STATE OF MINNESOTA**

On Monday, April 18, 2022, the Environmental Policy Board (EPB) met in the Council Chambers at the Ramsey Municipal Center, 7550 Sunwood Drive N.W., Ramsey, Minnesota.

| | |
|---|---|
| Members Present: | Chairperson Laura Moore<br>Board Member Todd Arts<br>Board Member Melissa Fetterley<br>Board Member Michael Hiatt<br>Board Member Jared Little |
| Members Absent: | Board Member Reid Bernard |
| Also Present: | Senior Planner Chris Anderson<br>City Council Liaison Chelsee Howell |

## 1. CALL TO ORDER

Chairperson Moore called the meeting to order at 6:30 p.m.

## 2. CITIZEN INPUT

None.

## 3. APPROVE AGENDA

Motion by Board Member Little and seconded by Board Member Hiatt to approve the agenda as submitted.

Motion carried. Voting Yes: Chairperson Moore, Board Member Little, Hiatt, Arts and Fetterley. Voting No: None. Absent: Board Member Bernard.

## 4. APPROVE MINUTES

### 4.01: Approve Meeting Minutes Dated March 21, 2022

Motion by Board Member Fetterley and seconded by Board Member Little to approve the regular meeting minutes dated March 21, 2022.

Motion carried. Voting Yes: Chairperson Moore, Board Member Fetterley, Little, Arts, and Hiatt. Voting No: None. Absent: Board Member Bernard.

## 5. POLICY BOARD BUSINESS

## 5.01: Appoint Chairperson and Vice Chairperson

Senior Planner Anderson stated that a Chair and Vice Chair must be appointed annually. He opened the floor for nominations for the position of Chair.

Motion by Board Member Hiatt and seconded by Board Member Little to appoint Laura Moore as Chairperson of the Environmental Policy Board.

There were no other nominations.

Motion carried. Voting Yes: Chairperson Moore, Board Member Hiatt, Little, Arts, and Fetterley. Voting No: None. Absent: Board Member Bernard.

Chairperson Moore opened the floor for nominations for Vice Chairperson.

Motion by Chairperson Moore and seconded by Board Member Little to appoint Michael Hiatt as Vice Chairperson of the Environmental Policy Board.

Board Member Hiatt stated that he would be willing to serve but noted that he has been on the Board for some time and would step aside if another member wanted to gain that experience.

Board Member Fetterley commented that she would be interested in serving.

Board Member Hiatt commented that he would gladly step aside to provide the opportunity to Board Member Fetterley. The motion to appoint Board Member Hiatt as Vice Chairperson was withdrawn.

Motion by Board Member Little and seconded by Board Member Arts to appoint Melissa Fetterley as Vice Chairperson of the Environmental Policy Board.

Motion carried. Voting Yes: Chairperson Moore, Board Member Little, Arts, Fetterley, and Hiatt. Voting No: None. Absent: Board Member Bernard.

## 5.02: Introduction to Conservation Minnesota

Senior Planner Anderson presented the staff report. He stated that Conservation Minnesota is a statewide, nonpartisan, nonprofit that works on a variety of conservation issues throughout Minnesota. Conservation Minnesota has focused on issues from water to land use, to waste and toxics, to climate and energy. He introduced Conservation Minnesota's Local Government Project Manager, John Anderson, who was present to provide the Board with more information on potential partnership opportunities.

John Anderson introduced himself and provided information on Conservation Minnesota. He stated that their intent is to partner with local entities.

Chairperson Moore commented that she is familiar with Conservation Minnesota and asked what the organization would be able to lend to Ramsey in terms of a collaboration effort.

Mr. Anderson replied that they like to determine the big interest of the community and connect in that way. He provided an example of working with the City of Minnetonka which received a piece of property to be conserved and stated that he worked with the City to turn that property into a bird sanctuary. He stated that he has also worked with cities in terms of public engagement and provided examples. He stated that the organization is flexible, wanting to work with cities on what interests them.

Board Member Hiatt referenced the work the organization has done towards a legacy amendment and asked if there are other funding mechanisms that could be a help for the City of Ramsey.

Mr. Anderson stated that the organization does not provide direct grants but has worked on bonding referendums in the past with different municipalities. He stated that the organization attempts to be a clearing house for grants when they become available as other entities offer grants.

Senior Planner Anderson stated that he could see connection points related to exploration of an open space referendum should that remain as an item on the strategic plan. He stated that another opportunity could relate to shoreline stabilization projects.

Board Member Hiatt stated that on the organization's website there is mention to clean drinking water. He asked if the organization could assist in the issues Ramsey has experienced with its wells.

Senior Planner Anderson provided background information on the elevated manganese levels detected in Ramsey.

Mr. Anderson stated that he could speak with other members with more knowledge in that area in attempt to provide connection.

Chairperson Moore thanked Mr. Anderson for his presentation and stated that she would be interested in collaboration in the future.

## 6. BOARD / STAFF INPUT

Chairperson Moore welcomed the newest member of the EPB.

Board Member Arts introduced himself to the Board.

- **Arbor Day Planting Event**

Senior Planner Anderson provided details on the upcoming Arbor Day planting event on the Dedicated Networks property and adjacent City property, which is scheduled for Friday, April 29th. He stated that the event is open to the public and the Board is invited to attend if available.

Senior Planner Anderson stated that the Spring Recycling event will be held on May 7th from 8 a.m. to noon at the Public Works Facility. He stated that there is also a rain barrel and compost bin sale occurring at this time, purchases must be made prior to the pickup date. More information can be found on the City website.

## 7. ADJOURNMENT

Motion by Board Member Hiatt and seconded by Board Member Little to adjourn the meeting.

The meeting adjourned at 6:55 p.m.

Respectfully submitted,

_____
Chris Anderson
Senior Planner

ATTEST:

_____
JoAnn Shaw
Community Development Secretary

Drafted by Amanda Staple
*TimeSaver Off Site Secretarial, Inc.*

**Environmental Policy Board (EPB)** **5. 1.**

**Meeting Date:** 05/16/2022

**By:** Chris Anderson, Community Development

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**Information**

**Title:**

Consider Natural Resources Elements for PACT Charter School Site Plan, Preliminary Plat and Final Plat (Project No. 22-107); Case of JB Vang on Behalf of PACT Charter School

**Purpose/Background:**

The City has received an application from JB Vang Partners (the "Applicant"), on behalf of PACT Charter School, for review of a Site Plan, Preliminary Plat, and Final Plat related to a proposed new, second school campus to be located at 7633 161st Avenue NW (the "Subject Property"). The Subject Property is presently owned by The Church of Saint Katharine Drexel (the "Property Owner"). As the Environmental Policy Board (EPB) will recall, the City previously reviewed a Sketch Plan, along with a requested Comprehensive Plan Amendment and Zoning Amendment, related to this same project. The City Council ultimately approved the Comprehensive Plan Amendment and Zoning Amendment contingent upon approval of the Preliminary Plat.

**Notification:**

Another Public Hearing will be conducted by the Planning Commission on May 26, 2022. Staff attempted to notify property owners within 700 feet of the Subject Property, as reflected in the Anoka County Property Records, of this current round of applications for Site Plan, Preliminary Plat, Final Plat, and a Variance (to a side yard setback) of the Public Hearing to be held by the Planning Commission on May 26, 2022. A notice of the Public Hearing (to be held by the Planning Commission) was also published in the Anoka County UnionHerald, the City's official newspaper.

**Observations/Alternatives:**

**Background Information**

The Subject Property is approximately thirty-three (33) acres in size and is currently zoned R-1 Residential (MUSA) - 80 and guided as Low Density Residential (again, City Council approved a Comprehensive Plan Amendment and Zoning Amendment, with contingencies, in March of this year. Assuming the contingencies are met, approximately 18 acres of the Subject Property would be guided as Public/Institutional and zoned as Public/Quasi-Public). The Subject Property is at the northwest corner of Variolite Street and 161st Avenue and abuts Central Park to the west. Properties to the east (across Variolite Street) are zoned R-1 Residential (MUSA) - 80, range in size from about 0.31 acres to 1.46 acres, and are guided Low Density Residential. The properties to the north and south (across 161st Avenue) are zoned R-1 Rural Developing, range in size from about 1.1 acres up to about 2.57 acres, and are guided as Rural Developing in the 2040 Comprehensive Plan. The property to the west (Central Park) is about 37 acres in size, is zoned Public/Quasi-Public and is guided as Park.

The Plat would create a single, buildable lot (approximately 18 acres in size) and two outlots (approximately 8 acres and 6.5 acres). The eighteen (18) acre parcel would be for PACT Charter School to develop a new 6-12 grade campus. The two outlots would be reserved and retained by the Property Owner for the future home of a new church.

**Natural Resources Information**

*Wetlands and Floodplain*: There do not appear to be any floodplain areas within the Subject Property. There is a wetland present in the northeastern corner of the Subject Property (the City's Wetlands Inventory identified this wetland as a Manage 3, or low functioning, wetland). The majority of the wetland is within the northern outlot and thus, protected from any building activity associated with the school. Based on the Site Plan, there are no proposed

impacts to this wetland and the required sixteen and a half foot (16.5') wetland setback is included in the plans. The Applicant has submitted their Wetland Delineation application to the Lower Rum River Watershed Management Organization for review and consideration.

*Natural Resources Inventory*: The City's Natural Resources Inventory (NRI) does identify two (2) Moderate Quality natural plant communities on the Subject Property. The first is an Aspen Forest with Saturated Soils, which is in the northeast corner of the Subject Property (within the northern outlot). There are no proposed impacts in this area. The second is an Oak Forest, which is along the eastern edge of what would be the school property. Per the Site Plan, there would be impacts to this natural plant community. Trees within the wetland setback area would be preserved, but those beyond the 16.5 foot setback would be removed to accommodate a stormwater basin. The wetland area, as well as all of the southern outlot, were identified as an Altered/Non-Native Plant Community in the NRI.

**Tree Inventory and Preservation Plan**

The Applicant has provided a Tree Inventory and Preservation Plan. As this is being reviewed under the B-1 General Business District standards, at least thirty percent (30%) of significant tree Diameter at Breast Height (DBH) inches shall be preserved. Per the Tree Preservation Summary, there are 8,713 DBH inches on the Subject Property but of those, 1,503 inches are exempt from the calculation (either dead or removed for stormwater management purposes). Thus, at least 2,163 DBH inches are to be preserved to satisfy the 30% requirement. The plans indicate that 1,276 inches (17.7%) will be preserved. The plan also notes the two options outlined in City Code, which include reforestation (at 1.25 inches per 1 inch removed beyond the threshold) or restitution ($125 per 1 inch removed beyond the threshold), or some combination thereof.

If reforestation alone were used, a minimum of 444 trees, with a caliper of 2.5 inches, would need to be installed (equates to 1,110 new DBH inches). If restitution alone were used, this would be the equivalent of $110,875. The Applicant can choose either method or a combination of the two methods to satisfy the Tree Preservation standards in City Code. While the requirements are outlined in the plan, there is no indication which method(s) will be used.

It is worth noting that there are some invasive species (Siberian Elm and Black Locust) included in the Tree Inventory, which could also be exempted from the removal calculation. The Applicant should update the calculation summary to outline how many DBH inches are invasive species and these should be added to the Exempt Removals. This will reduce the reforestation numbers, albeit likely only slightly.

The bulk of the trees being preserved are between the proposed building and 161st Ave NW. This should help retain some of the existing appearance as one travels 161st Ave and should also provide some screening of the school building for the residents on the south side of the street. However, there may be additional tree loss in this area to accommodate a required ten (10) foot wide bituminous trail from Variolite over to Central Park (not currently shown in the plan set).

**Revisions to the Tree Inventory and Preservation Plan are required.**

**Landscape Plan**

A Landscape Plan has been prepared for the project. Based on the linear footage of the perimeter, as well as the number of proposed parking stalls, 109 trees and 265 shrubs are required to satisfy the base landscape requirements. Additionally, because there are existing residential homes to the north, bufferyard plantings are required (equivalent to an additional 30% of the required trees). The plans show sixty (60) evergreen trees, almost twice the required number, positioned in three (3) rows along the northern portion of the property.

The Applicant is proposing just over an acre of native grasses, which qualifies for a credit of one (1) tree for each 500 square feet of native landscape, with the credit not exceeding fifty percent (50%) of the required plantings (e.g. eligible for credit to reduce required plantings by 54 trees). After applying the credit for the native landscape area, a total of fifty-five (55) trees would be required for base landscaping requirements. The Landscape Plan includes a mix of deciduous and evergreen trees, as well as ornamental trees. All species are either preferred or acceptable per the Ramsey Tree Book and meet the minimum required planting size.

As previously noted, due to the amount of tree removal, reforestation (or restitution) is necessary. Based on a caliper size of 2.5 inches, a total of 444 new trees would be required. The total required plantings (before factoring in credits) is 142 (based on linear footage of site perimeter, number of parking stalls, and bufferyard trees). The total proposed installed trees is 164. Thus, 280 additional trees, or $87,500 in restitution, or some combination thereof, is required. There appears to be space to accommodate additional plantings on site. Also, with Central Park being directly adjacent, there are even more opportunities for reforestation there.

**Revisions to the Landscape Plan are required.**

**Stormwater Management**

Drainage plans have also been submitted. Both the City (Engineering Department) and the Lower Rum River Watershed Management Organization (LRRWMO) will review the stormwater management plan. This information is being provided as a means to inform the general public that stormwater and drainage are being addressed and the basins can be seen on the attached Site Plan.

**Lighting**

The submittal also includes a photometric plan for both the school itself and the athletic field. Both show that there will not be light spilling across property boundaries. Furthermore, the athletic field lighting will include glare shields to assist in further reducing light trespass beyond the athletic field.

**Funding Source:**

The Applicant is responsible for all costs associated with this request.

**Action:**

Motion to recommend approval of the Landscape and Tree Preservation Plans, contingent upon compliance with Staff review comments.

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**Attachments**

Site Location Map
Tree Inventory and Preservation Plan
Landscape Plan
Photometric (Lighting) Plan
Site Plan
Preliminary Plat
Final Plat
Plan Sheets Combined with Review Comments

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**Form Review**

| Inbox | Reviewed By | Date |
|---|---|---|
| Brian Hagen | Brian Hagen | 05/12/2022 03:27 PM |
| Form Started By: Chris Anderson | | Started On: 05/12/2022 09:55 AM |
| Final Approval Date: 05/12/2022 | | |




# Site Location Map

***7633 161ST AVE NW***

**16-32-25-24-0002**

**Legend**

Site

Parcels

N

Print Date: February 17, 2022

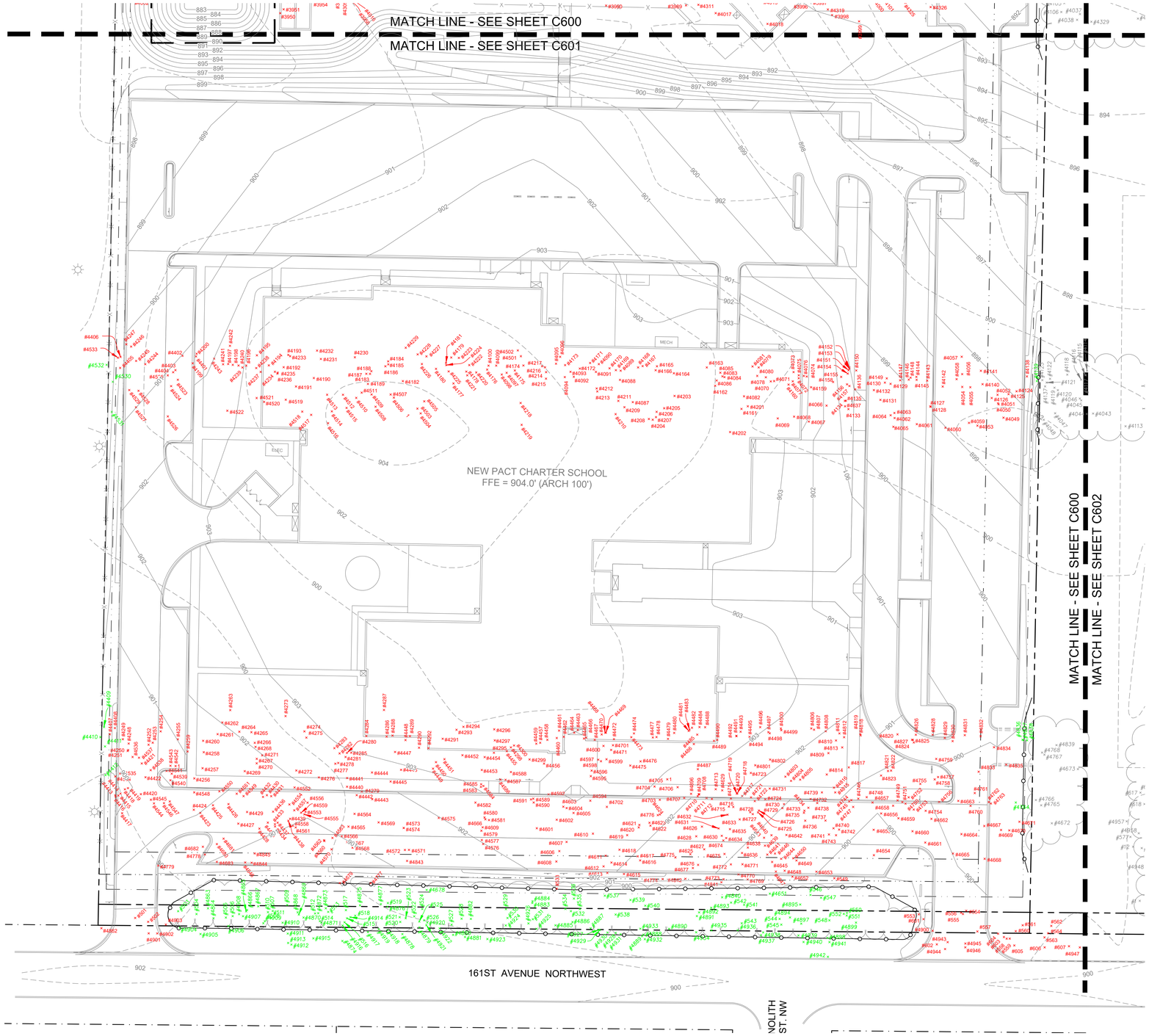
0 1,000 2,000 Feet

## LEGEND

- #4613 TREE TO BE REMOVED
- #537 TREE TO BE PRESERVED
- REMOVAL EXEMPTION AREA
- #4048 OFFSITE TREE (FOR REFERENCE)

## TREE PRESERVATION SUMMARY

| | | |
|---|---|---|
| Existing Significant Trees (PACT site) | = | 8,713 inches |
| Total Removed Significant Trees | = | 7,437 inches |
| Exempt Removals (dead / stormwater location) | = | 1,503 inches |
| Existing Non-Exempt Significant Trees | = | 7,210 inches |
| Total Non-Exempt Removals | = | 5,934 inches |
| Significant Trees Preserved | = | 1,276 inches |
| Significant Trees Preserved % = 1,276 / 7,210 | = | 17.7% |
| Reforestation Requirements | | |
| Threshold: 30.0% - 17.7% | = | 12.3% |
| Excess removal 7,210 inches x 12.3% | = | 887 inches |
| Reforestation: 887 inches x 1.25 (1,109" / 2.5" = > 444 new trees) | = | 1,109 inches |
| Restitution: 887 inches x $125 | = | $110,875 |




NORTH
0 15 30 60

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

POPE ARCHITECTS
ARCHITECTS

POPE ARCHITECTS, INC.
1295 BANDANA BLVD N, SUITE 200
ST. PAUL, MN 55108-2735
(651) 642-9200 | FAX (651) 642-1101
www.popearch.com

PACT Charter School

Larson Engineering, Inc.
3524 Labore Road
White Bear Lake, MN 55110
651.481.9120 (f) 651.481.9201
www.larsonengr.com
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PACT CHARTER SCHOOL
RAMSEY, MN

# TREE PRESERVATION PLAN - SOUTH

Issues / Revisions:

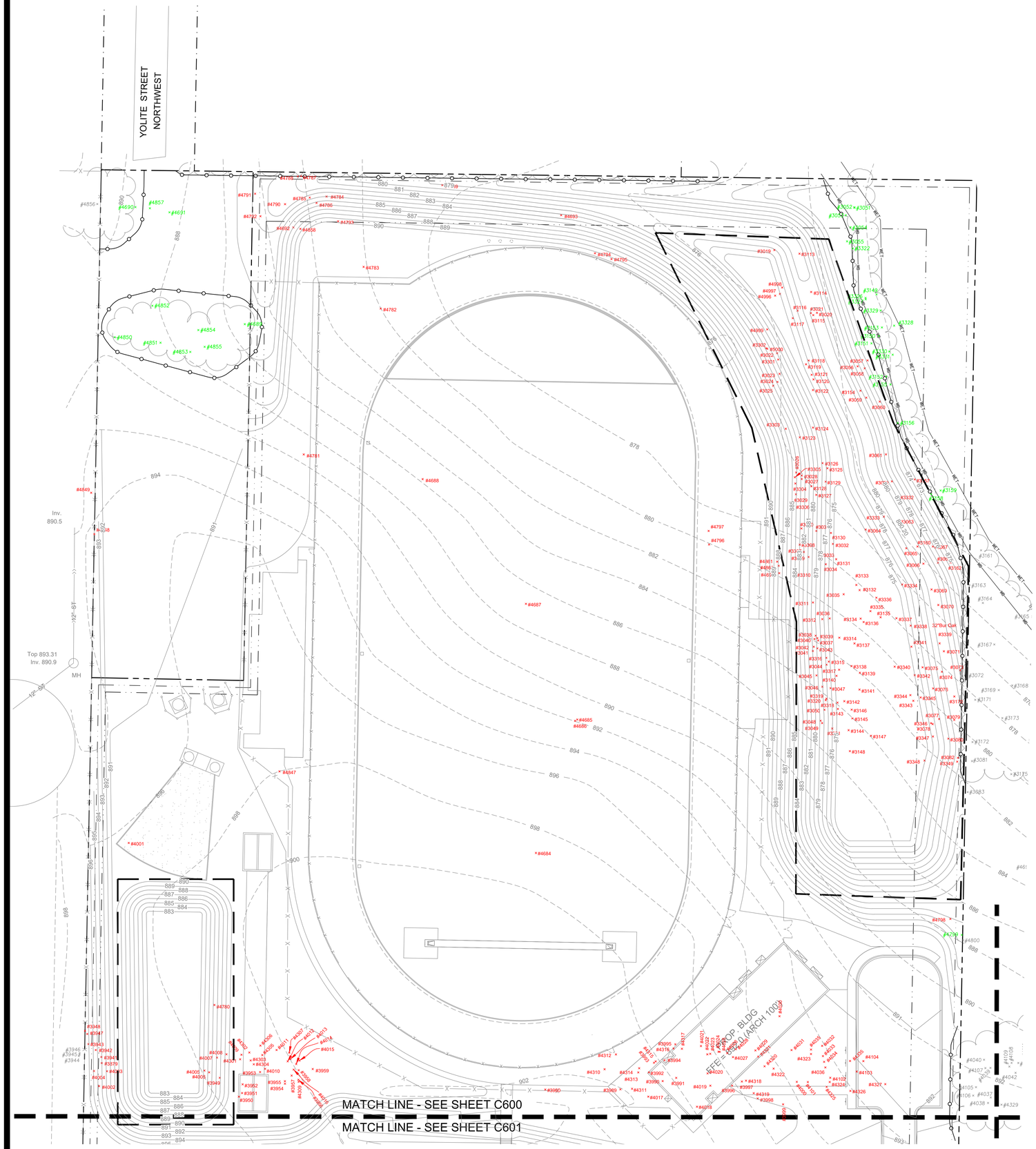
I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.
Date: 04.28.2022 Lic. No.: 44592

Correspondence No: 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C600

TRUE SHEET SCALE
0" 1/2" 1"




## LEGEND

- #4613 TREE TO BE REMOVED
- #537 TREE TO BE PRESERVED
- REMOVAL EXEMPTION AREA
- #4048 OFFSITE TREE (FOR REFERENCE)

POPE ARCHITECTS, INC.
1295 BANDANA BLVD N, SUITE 200
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PACT Charter School

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651.481.9120 (f) 651.481.9201
www.larsonengr.com
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PACT CHARTER SCHOOL
RAMSEY, MN

NORTH
0 15 30 60

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

# TREE PRESERVATION PLAN - NORTH

Issued / Revisions

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.
Date: 04.28.2022 Lic. No.: 44592

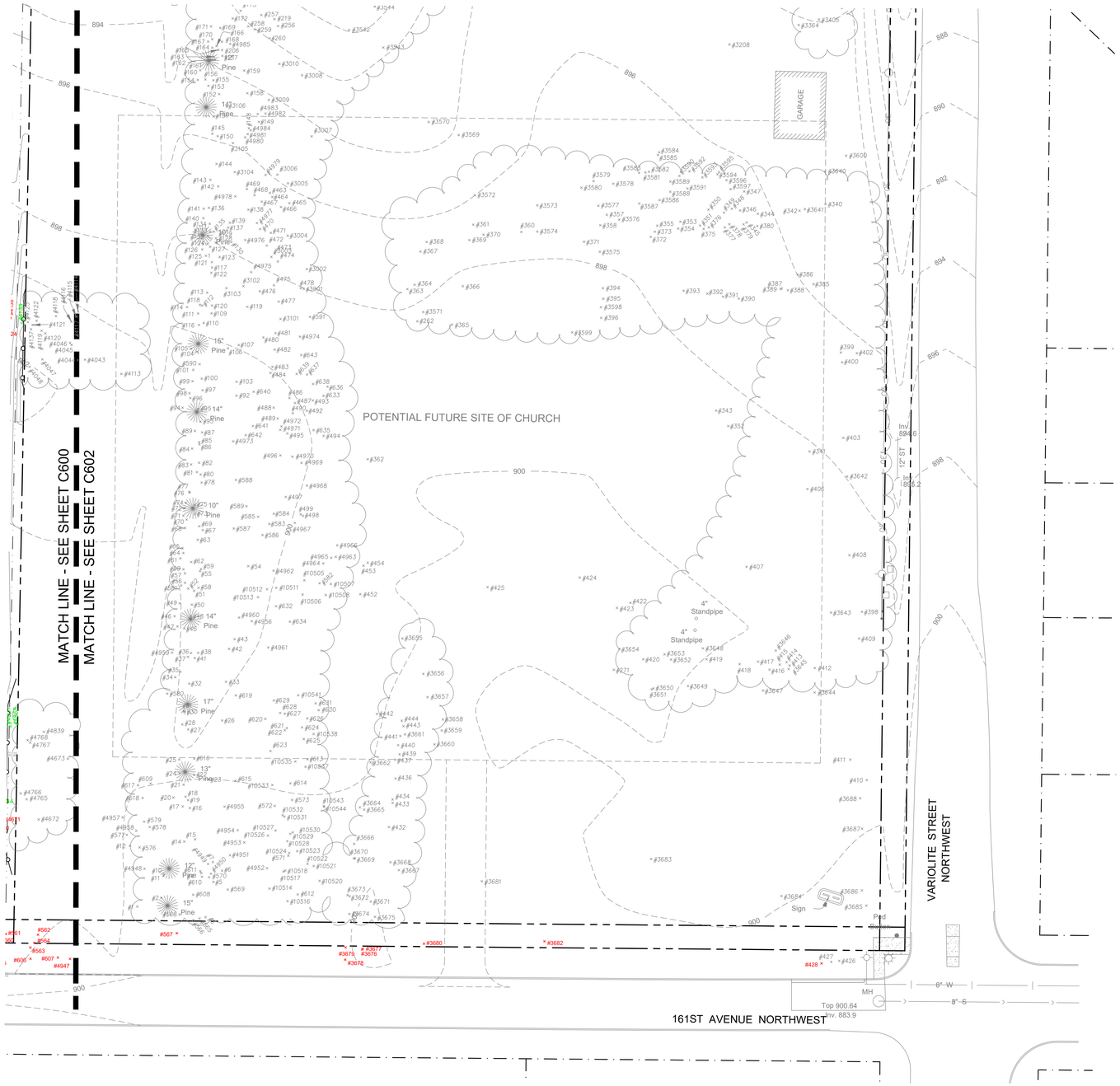
Commission No: 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C601

TRUE SHEET SCALE
0" 1/2" 1"

## LEGEND

- #4613 TREE TO BE REMOVED
- #537 TREE TO BE PRESERVED
- REMOVAL EXEMPTION AREA
- #4048 OFFSITE TREE (FOR REFERENCE)





POPE ARCHITECTS

POPE ARCHITECTS, INC.
1295 BANDANA BLVD N, SUITE 200
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PACT Charter School

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www.larsonengr.com

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PACT CHARTER SCHOOL
RAMSEY, MN

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

NORTH
0 15 30 60

# TREE PRESERVATION PLAN - EAST

Issue / Submittal Record

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.
Date: 04.28.2022 Lic. No.: 44592

Project No. 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C602

TRUE SHEET SCALE
0" 1/2" 1"

| Tag | DBH [in] | Species | Condition | Stems | Easting | Northing | Removed | Removed In | Exempt | Exempt In |
|---|---|---|---|---|---|---|---|---|---|---|
| 428 | 14 | Jack Pine | Good | 1 | 4501122.6710 | 183113.3961 | Y | 14 | | 0 |
| 501 | 15 | Red Pine | Good | 1 | 449047.3070 | 183135.7564 | Y | 15 | | 0 |
| 502 | 14 | Red Pine | Good | 1 | 449055.9702 | 183133.1827 | Y | 14 | | 0 |
| 503 | 4 | Jack Pine | Good | 1 | 449075.9446 | 183140.2196 | | 0 | | 0 |
| 504 | 4 | Jack Pine | Good | 1 | 449088.1722 | 183138.3545 | | 0 | | 0 |
| 509 | 14 | Red Pine | Good | 2 | 449148.5876 | 183144.4096 | | 0 | | 0 |
| 510 | 6 | Red Pine | Good | 1 | 449135.7645 | 183139.6044 | | 0 | | 0 |
| 515 | 4 | Jack Pine | Good | 1 | 449188.4608 | 183135.5001 | | 0 | | 0 |
| 519 | 5 | Jack Pine | Good | 1 | 449215.6649 | 183146.6379 | | 0 | | 0 |
| 525 | 4 | Jack Pine | Good | 1 | 449236.5893 | 183133.3585 | | 0 | | 0 |
| 533 | 4 | Red Pine | Good | 1 | 449328.2099 | 183155.2464 | Y | 4 | | 0 |
| 533 | 10 | Red Pine | Good | 1 | 449796.6928 | 183219.2856 | Y | 10 | | 0 |
| 534 | 5 | Jack Pine | Good | 1 | 449333.9279 | 183141.7409 | | 0 | | 0 |
| 536 | 7 | Jack Pine | Good | 1 | 449339.6099 | 183148.6552 | | 0 | | 0 |
| 536 | 9 | Jack Pine | Good | 1 | 449816.4932 | 183230.1366 | | 0 | | 0 |
| 539 | 8 | Red Pine | Good | 1 | 449377.2897 | 183147.7127 | | 0 | | 0 |
| 540 | 5 | Red Pine | Good | 1 | 449387.1515 | 183143.9207 | | 0 | | 0 |
| 542 | 4 | Jack Pine | Good | 1 | 449444.3231 | 183145.9693 | | 0 | | 0 |
| 545 | 6 | Red Pine | Good | 1 | 449477.7636 | 183131.3025 | | 0 | | 0 |
| 546 | 7 | Jack Pine | Good | 1 | 449497.2107 | 183151.0672 | | 0 | | 0 |
| 547 | 4 | Red Pine | Good | 1 | 449504.2447 | 183140.2269 | | 0 | | 0 |
| 548 | 6 | Jack Pine | Good | 1 | 449509.7873 | 183134.1419 | | 0 | | 0 |
| 549 | 6 | Jack Pine | Good | 1 | 449513.1174 | 183152.2108 | Y | 6 | | 0 |
| 550 | 6 | Jack Pine | Good | 1 | 449521.4731 | 183139.0969 | | 0 | | 0 |
| 551 | 9 | Red Pine | Good | 1 | 449523.1393 | 183137.3494 | | 0 | | 0 |
| 552 | 7 | Jack Pine | Good | 1 | 449519.4192 | 183138.4554 | | 0 | | 0 |
| 553 | 8 | Jack Pine | Good | 1 | 449569.3764 | 183138.1428 | Y | 8 | | 0 |
| 554 | 10 | Jack Pine | Good | 1 | 449600.9494 | 183140.5855 | Y | 10 | | 0 |
| 555 | 5 | Red Pine | Good | 1 | 449598.7981 | 183138.4039 | Y | 5 | | 0 |
| 556 | 5 | Red Pine | Good | 1 | 449597.5573 | 183139.1687 | Y | 5 | | 0 |
| 557 | 10 | Red Pine | Good | 1 | 449608.4001 | 183126.7630 | Y | 10 | | 0 |
| 558 | 8 | Red Pine | Good | 1 | 449627.9251 | 183121.9564 | Y | 8 | | 0 |
| 559 | 7 | Red Pine | Good | 1 | 449629.9576 | 183121.9849 | Y | 7 | | 0 |
| 560 | 7 | Red Pine | Good | 1 | 449633.9474 | 183126.8985 | Y | 7 | | 0 |
| 561 | 5 | Red Oak | Good | 1 | 449638.5862 | 183130.8744 | Y | 5 | | 0 |
| 562 | 6 | Red Oak | Good | 1 | 449657.6293 | 183130.4387 | Y | 6 | | 0 |
| 563 | 6 | Jack Pine | Good | 1 | 449653.1130 | 183122.8157 | Y | 6 | | 0 |
| 564 | 8 | Jack Pine | Good | 1 | 449655.4933 | 183125.5697 | Y | 8 | | 0 |
| 567 | 8 | Jack Pine | Good | 1 | 449740.0548 | 183131.3290 | Y | 8 | | 0 |
| 601 | 6 | Red Pine | Good | 1 | 449572.4875 | 183134.9502 | Y | 6 | | 0 |
| 602 | 4 | Red Pine | Good | 1 | 449583.1711 | 183118.1491 | Y | 4 | | 0 |
| 603 | 7 | Red Pine | Good | 1 | 449576.0839 | 183122.9946 | Y | 7 | | 0 |
| 604 | 10 | Red Pine | Good | 2 | 449622.2003 | 183125.2647 | Y | 10 | | 0 |
| 605 | 6 | Jack Pine | Good | 1 | 449632.9936 | 183117.4366 | Y | 6 | | 0 |
| 606 | 16 | Red Pine | Good | 1 | 449653.1900 | 183116.1582 | Y | 16 | | 0 |
| 607 | 6 | Jack Pine | Good | 1 | 449669.4296 | 183116.9115 | Y | 6 | | 0 |
| 3019 | 6 | Jack Pine | Good | 1 | 449523.4038 | 184338.5128 | Y | 6 | Y | 6 |
| 3020 | 10 | Jack Pine | Good | 1 | 449553.5871 | 184293.9710 | Y | 10 | Y | 10 |
| 3021 | 10 | Jack Pine | Good | 1 | 449540.2455 | 184293.7903 | Y | 10 | Y | 10 |
| 3022 | 10 | Jack Pine | Good | 1 | 449525.3344 | 184255.8916 | Y | 10 | Y | 10 |
| 3023 | 10 | Jack Pine | Good | 1 | 449527.0543 | 184250.7498 | Y | 10 | Y | 10 |
| 3024 | 8 | Jack Pine | Good | 1 | 449525.5704 | 184244.9890 | Y | 8 | Y | 8 |
| 3025 | 6 | Jack Pine | Good | 1 | 449522.6214 | 184242.2702 | Y | 6 | Y | 6 |
| 3026 | 5 | Jack Pine | Good | 1 | 449538.8598 | 184180.8210 | Y | 5 | Y | 5 |
| 3027 | 5 | Jack Pine | Good | 1 | 449542.7946 | 184176.2038 | Y | 5 | Y | 5 |
| 3028 | 4 | Red Pine | Good | 1 | 449542.7947 | 184178.6509 | Y | 4 | Y | 4 |
| 3029 | 4 | Jack Pine | Good | 1 | 449538.6972 | 184165.3844 | Y | 4 | Y | 4 |
| 3030 | 10 | Jack Pine | Good | 1 | 449542.5860 | 184141.1632 | Y | 10 | Y | 10 |
| 3031 | 12 | Jack Pine | Good | 1 | 449553.1667 | 184139.3814 | Y | 12 | Y | 12 |
| 3032 | 10 | Jack Pine | Good | 1 | 449564.9093 | 184130.2168 | Y | 10 | Y | 10 |
| 3033 | 15 | Jack Pine | Good | 1 | 449556.8450 | 184119.1134 | Y | 15 | Y | 15 |
| 3034 | 8 | Jack Pine | Poor | 1 | 449559.8199 | 184115.8104 | Y | 8 | Y | 8 |
| 3035 | 12 | Jack Pine | Dead | 1 | 449572.4914 | 184094.5241 | Y | 12 | Y | 12 |
| 3036 | 8 | Jack Pine | Good | 1 | 449562.5860 | 184077.3954 | Y | 8 | Y | 8 |
| 3037 | 6 | Jack Pine | Good | 1 | 449554.4243 | 184061.7718 | Y | 6 | Y | 6 |
| 3038 | 9 | Jack Pine | Good | 1 | 449552.6694 | 184065.1516 | Y | 9 | Y | 9 |
| 3039 | 7 | Jack Pine | Good | 1 | 449553.8570 | 184063.4304 | Y | 7 | Y | 7 |
| 3040 | 9 | Jack Pine | Good | 1 | 449551.8364 | 184062.7945 | Y | 9 | Y | 9 |
| 3041 | 4 | Jack Pine | Good | 1 | 449550.6590 | 184054.3042 | Y | 4 | Y | 4 |
| 3042 | 7 | Jack Pine | Good | 1 | 449554.2953 | 184057.3261 | Y | 7 | Y | 7 |
| 3043 | 7 | Jack Pine | Good | 1 | 449553.8520 | 184056.1850 | Y | 7 | Y | 7 |
| 3044 | 5 | Jack Pine | Good | 1 | 449560.3436 | 184044.5840 | Y | 5 | Y | 5 |
| 3045 | 12 | Jack Pine | Good | 1 | 449553.2524 | 184036.9983 | Y | 12 | Y | 12 |
| 3046 | 4 | Jack Pine | Good | 1 | 449557.4174 | 184029.9021 | Y | 4 | Y | 4 |
| 3047 | 10 | Jack Pine | Good | 1 | 449563.2351 | 184027.9805 | Y | 10 | Y | 10 |
| 3048 | 5 | Jack Pine | Good | 1 | 449556.1588 | 184004.8553 | Y | 5 | Y | 5 |
| 3049 | 4 | Jack Pine | Good | 1 | 449557.2529 | 184003.2177 | Y | 4 | Y | 4 |
| 3050 | 5 | Jack Pine | Good | 1 | 449558.9081 | 184012.6270 | Y | 5 | Y | 5 |
| 3051 | 18 | Quaking Aspen | Good | 1 | 449580.2807 | 184368.4533 | | 0 | | 0 |
| 3052 | 8 | Quaking Aspen | Good | 1 | 449579.9238 | 184368.7971 | | 0 | | 0 |
| 3053 | 12 | Quaking Aspen | Good | 1 | 449574.0367 | 184363.1628 | | 0 | | 0 |
| 3054 | 12 | Quaking Aspen | Good | 1 | 449577.3302 | 184354.5931 | | 0 | | 0 |
| 3055 | 12 | Quaking Aspen | Good | 1 | 449574.9259 | 184344.6545 | | 0 | | 0 |
| 3056 | 8 | Quaking Aspen | Good | 1 | 449582.4341 | 184256.0765 | | 8 | Y | 8 |
| 3057 | 9 | American Elm | Good | 1 | 449589.4198 | 184260.2888 | | 9 | Y | 9 |
| 3058 | 9 | Quaking Aspen | Good | 1 | 449587.4539 | 184254.6145 | Y | 9 | Y | 9 |
| 3059 | 10 | Quaking Aspen | Good | 1 | 449588.5382 | 184233.8430 | Y | 10 | Y | 10 |
| 3060 | 10 | Quaking Aspen | Good | 1 | 449598.0839 | 184231.1358 | Y | 10 | Y | 10 |
| 3061 | 8 | Quaking Aspen | Dead | 1 | 449602.4776 | 184193.6729 | Y | 8 | Y | 8 |
| 3062 | 8 | Quaking Aspen | Good | 1 | 449605.6970 | 184174.5642 | Y | 8 | Y | 8 |
| 3063 | 8 | Quaking Aspen | Good | 1 | 449611.4818 | 184146.6306 | Y | 8 | Y | 8 |
| 3064 | 13 | Jack Pine | Good | 1 | 449588.1358 | 184140.3740 | Y | 13 | Y | 13 |
| 3065 | 6 | Red Oak | Good | 1 | 449616.9010 | 184127.1691 | Y | 6 | Y | 6 |
| 3066 | 38 | Red Oak | Good | 1 | 449620.2150 | 184116.1928 | Y | 38 | Y | 38 |
| 3067 | 23 | Red Oak | Fair | 1 | 449635.7256 | 184128.3662 | Y | 23 | Y | 23 |
| 3068 | 13 | Bur Oak | Good | 1 | 449639.3463 | 184116.8565 | Y | 13 | Y | 13 |
| 3069 | 4 | Bur Oak | Good | 1 | 449634.7802 | 184097.9152 | Y | 4 | Y | 4 |
| 3070 | 18 | Red Oak | Good | 1 | 449639.5797 | 184086.9163 | Y | 18 | Y | 18 |
| 3071 | 5 | Red Oak | Good | 1 | 449643.5297 | 184054.1248 | Y | 5 | Y | 5 |
| 3073 | 4 | Bur Oak | Good | 1 | 449655.0615 | 184040.6265 | Y | 4 | Y | 4 |
| 3074 | 18 | Bur Oak | Good | 1 | 449642.1515 | 184039.6252 | Y | 18 | Y | 18 |
| 3075 | 10 | Bur Oak | Good | 1 | 449628.4082 | 184042.7441 | Y | 10 | Y | 10 |
| 3076 | 18 | Bur Oak | Good | 1 | 449635.9060 | 184027.7619 | Y | 18 | Y | 18 |
| 3077 | 13 | Bur Oak | Good | 1 | 449640.1741 | 184006.1492 | Y | 13 | Y | 13 |
| 3078 | 4 | Red Oak | Good | 1 | 449635.5828 | 184002.5306 | Y | 4 | Y | 4 |
| 3079 | 16 | Bur Oak | Good | 1 | 449650.8639 | 184005.5087 | Y | 16 | Y | 16 |
| 3080 | 4 | Red Oak | Good | 1 | 449646.6964 | 183992.2027 | Y | 4 | Y | 4 |
| 3082 | 5 | Red Oak | Good | 1 | 449653.4566 | 183976.5973 | Y | 5 | Y | 5 |
| 3113 | 20 | Jack Pine | Good | 1 | 449541.3025 | 184335.9119 | Y | 20 | Y | 20 |
| 3114 | 20 | Jack Pine | Good | 1 | 449540.4622 | 184308.7869 | Y | 20 | Y | 20 |
| 3115 | 15 | Jack Pine | Good | 1 | 449550.9672 | 184292.3746 | Y | 15 | Y | 15 |
| 3116 | 14 | Jack Pine | Good | 1 | 449539.8170 | 184295.5619 | Y | 14 | Y | 14 |
| 3117 | 10 | Jack Pine | Good | 1 | 449536.4565 | 184290.2222 | Y | 10 | Y | 10 |
| 3118 | 16 | Jack Pine | Good | 1 | 449547.7134 | 184250.1729 | Y | 16 | Y | 16 |
| 3119 | 8 | Jack Pine | Good | 1 | 449545.8185 | 184257.5034 | Y | 8 | Y | 8 |
| 3120 | 16 | Jack Pine | Good | 1 | 449551.1141 | 184246.7946 | Y | 16 | Y | 16 |
| 3121 | 20 | Jack Pine | Dead | 1 | 449540.8346 | 184250.0795 | Y | 20 | Y | 20 |
| 3122 | 18 | Jack Pine | Good | 1 | 449550.7526 | 184239.2056 | Y | 18 | Y | 18 |
| 3123 | 16 | Jack Pine | Good | 1 | 449541.4872 | 184205.7355 | Y | 16 | Y | 16 |
| 3124 | 20 | Jack Pine | Good | 1 | 449550.7737 | 184212.6410 | Y | 20 | Y | 20 |
| 3125 | 14 | Jack Pine | Good | 1 | 449561.0036 | 184183.8097 | Y | 14 | Y | 14 |
| 3126 | 14 | Jack Pine | Good | 1 | 449557.4933 | 184187.4647 | Y | 14 | Y | 14 |
| 3127 | 16 | Jack Pine | Dead | 1 | 449553.0614 | 184164.9893 | Y | 16 | Y | 16 |
| 3128 | 12 | Jack Pine | Good | 1 | 449549.5570 | 184171.0751 | Y | 12 | Y | 12 |
| 3129 | 10 | Jack Pine | Dead | 1 | 449559.7769 | 184174.3321 | Y | 10 | Y | 10 |
| 3130 | 14 | Jack Pine | Good | 1 | 449563.4673 | 184157.9809 | Y | 14 | Y | 14 |
| 3131 | 16 | Jack Pine | Dead | 1 | 449567.1988 | 184119.3754 | Y | 16 | Y | 16 |
| 3132 | 4 | Jack Pine | Good | 1 | 449583.7969 | 184097.4568 | Y | 4 | Y | 4 |
| 3133 | 5 | Red Oak | Good | 1 | 449581.4885 | 184101.3087 | Y | 5 | Y | 5 |
| 3134 | 7 | Jack Pine | Dead | 1 | 449584.5206 | 184077.2784 | Y | 7 | Y | 7 |
| 3135 | 6 | Jack Pine | Dead | 1 | 449598.6852 | 184078.2165 | Y | 6 | Y | 6 |
| 3136 | 9 | Jack Pine | Good | 1 | 449586.6605 | 184074.8424 | Y | 9 | Y | 9 |
| 3137 | 14 | Jack Pine | Good | 1 | 449580.1863 | 184059.6648 | Y | 14 | Y | 14 |
| 3138 | 4 | Red Oak | Good | 1 | 449576.0873 | 184045.6259 | Y | 4 | Y | 4 |
| 3139 | 6 | Red Oak | Good | 1 | 449583.9983 | 184038.8711 | Y | 6 | Y | 6 |
| 3140 | 6 | Red Oak | Good | 1 | 449567.4274 | 184036.7235 | Y | 6 | Y | 6 |
| 3141 | 4 | Red Oak | Dead | 1 | 449583.7117 | 184026.9603 | Y | 4 | Y | 4 |
| 3142 | 13 | Jack Pine | Good | 1 | 449572.9627 | 184018.7214 | Y | 13 | Y | 13 |
| 3143 | 12 | Jack Pine | Good | 1 | 449568.4005 | 184013.2628 | Y | 12 | Y | 12 |
| 3144 | 9 | Jack Pine | Good | 1 | 449576.0030 | 183998.1726 | Y | 9 | Y | 9 |
| 3145 | 13 | Jack Pine | Good | 1 | 449576.6841 | 184006.5528 | Y | 13 | Y | 13 |
| 3146 | 16 | Jack Pine | Good | 1 | 449576.1840 | 184012.7529 | Y | 16 | Y | 16 |
| 3147 | 11 | Red Oak | Good | 1 | 449591.8725 | 183994.2448 | Y | 11 | Y | 11 |
| 3148 | 10 | Red Oak | Good | 1 | 449576.9193 | 183983.3418 | Y | 10 | Y | 10 |
| 3149 | 11 | Quaking Aspen | Good | 1 | 449595.8093 | 184307.0944 | | 0 | | 0 |
| 3150 | 8 | Jack Pine | Good | 1 | 449597.3660 | 184277.5551 | | 0 | | 0 |
| 3151 | 12 | Quaking Aspen | Good | 1 | 449592.2034 | 184272.3410 | | 0 | | 0 |
| 3152 | 5 | Red Oak | Good | 1 | 449602.7037 | 184248.8573 | | 0 | | 0 |
| 3153 | 12 | Quaking Aspen | Good | 1 | 449599.6124 | 184283.6269 | | 0 | | 0 |
| 3154 | 12 | American Elm | Good | 1 | 449584.3975 | 184238.8132 | Y | 12 | Y | 12 |
| 3155 | 12 | Quaking Aspen | Good | 1 | 449605.6944 | 184245.2590 | | 0 | | 0 |
| 3156 | 10 | Quaking Aspen | Good | 1 | 449610.8641 | 184216.0399 | | 0 | | 0 |
| 3157 | 5 | Red Oak | Good | 1 | 449622.8690 | 184175.3807 | Y | 5 | Y | 5 |
| 3158 | 9 | Bur Oak | Good | 2 | 449634.5168 | 184135.3997 | | 0 | | 0 |
| 3159 | 5 | Red Oak | Good | 1 | 449641.2181 | 184158.0573 | | 0 | | 0 |
| 3160 | 6 | Red Oak | Good | 1 | 449624.8137 | 184128.3515 | Y | 6 | Y | 6 |
| 3162 | 8 | Quaking Aspen | Good | 1 | 449648.2183 | 184116.9911 | Y | 8 | Y | 8 |
| 3170 | 5 | Red Oak | Good | 1 | 449650.9366 | 184002.0572 | Y | 5 | Y | 5 |
| 3301 | 4 | Jack Pine | Good | 1 | 449526.0991 | 184250.8882 | Y | 4 | Y | 4 |
| 3302 | 8 | Snowdder | Good | 1 | 449517.5622 | 184258.9825 | Y | 8 | Y | 8 |
| 3303 | 6 | Jack Pine | Good | 1 | 449531.4906 | 184211.8240 | Y | 6 | Y | 6 |
| 3304 | 8 | Jack Pine | Good | 1 | 449538.2708 | 184173.0436 | Y | 8 | Y | 8 |
| 3305 | 6 | Jack Pine | Good | 1 | 449537.9162 | 184177.4416 | Y | 6 | Y | 6 |
| 3306 | 6 | Jack Pine | Good | 1 | 449536.9609 | 184156.6857 | Y | 6 | Y | 6 |
| 3307 | 6 | Jack Pine | Good | 1 | 449544.2987 | 184124.5249 | Y | 6 | Y | 6 |
| 3308 | 4 | Jack Pine | Good | 1 | 449541.3632 | 184129.6678 | Y | 4 | Y | 4 |
| 3309 | 4 | Jack Pine | Good | 1 | 449547.5775 | 184120.9437 | Y | 4 | Y | 4 |
| 3310 | 8 | Jack Pine | Good | 1 | 449538.0489 | 184108.6835 | Y | 8 | Y | 8 |
| 3311 | 8 | Jack Pine | Good | 1 | 449550.7573 | 184088.6889 | Y | 8 | Y | 8 |
| 3312 | 8 | Jack Pine | Good | 1 | 449557.3042 | 184076.8893 | Y | 8 | Y | 8 |
| 3314 | 6 | Jack Pine | Good | 1 | 449569.4372 | 184063.7347 | Y | 6 | Y | 6 |
| 3315 | 4 | Jack Pine | Good | 1 | 449561.9437 | 184046.7970 | Y | 4 | Y | 4 |
| 3316 | 6 | Jack Pine | Good | 1 | 449560.1966 | 184049.4596 | Y | 6 | Y | 6 |
| 3317 | 18 | Jack Pine | Good | 1 | 449569.2892 | 184041.0498 | Y | 18 | Y | 18 |
| 3318 | 4 | Jack Pine | Good | 1 | 449568.1257 | 184017.7262 | Y | 4 | Y | 4 |
| 3319 | 6 | Jack Pine | Good | 1 | 449560.2449 | 184020.5495 | Y | 6 | Y | 6 |
| 3320 | 4 | Jack Pine | Good | 1 | 449559.8372 | 184019.4430 | Y | 4 | Y | 4 |
| 3321 | 4 | Jack Pine | Good | 1 | 449564.4312 | 183999.3936 | Y | 4 | Y | 4 |
| 3322 | 13 | Quaking Aspen | Good | 1 | 449570.0083 | 184339.6396 | | 0 | | 0 |
| 3326 | 8 | Quaking Aspen | Good | 1 | 449588.0284 | 184304.5856 | | 0 | | 0 |
| 3327 | 12 | Quaking Aspen | Good | 1 | 449588.1202 | 184303.5456 | | 0 | | 0 |
| 3328 | 10 | Quaking Aspen | Good | 1 | 449608.2774 | 184284.8961 | | 0 | | 0 |
| 3329 | 10 | American Elm | Good | 1 | 449598.6868 | 184295.6221 | | 0 | | 0 |
| 3330 | 10 | Quaking Aspen | Poor | 1 | 449604.7937 | 184266.5823 | | 0 | | 0 |
| 3331 | 8 | Quaking Aspen | Good | 1 | 449607.2353 | 184264.3150 | | 0 | | 0 |
| 3332 | 6 | American Elm | Good | 1 | 449611.2336 | 184193.6993 | Y | 8 | Y | 8 |
| 3333 | 4 | Bur Oak | Good | 1 | 449601.9633 | 184149.5094 | Y | 4 | Y | 4 |
| 3334 | 4 | Red Oak | Good | 1 | 449613.9488 | 184101.4610 | Y | 4 | Y | 4 |
| 3335 | 10 | Red Oak | Good | 1 | 449591.4657 | 184082.5608 | Y | 10 | Y | 10 |
| 3336 | 4 | Bur Oak | Good | 1 | 449595.6691 | 184092.0966 | Y | 4 | Y | 4 |
| 3337 | 8 | Red Oak | Good | 1 | 449609.8607 | 184077.5356 | Y | 8 | Y | 8 |
| 3338 | 32 | Bur Oak | Good | 2 | 449620.0257 | 184072.3016 | Y | 32 | Y | 32 |
| 3339 | 6 | Red Oak | Good | 1 | 449640.4937 | 184059.7304 | Y | 6 | Y | 6 |
| 3340 | 10 | Black Cherry | Good | 1 | 449628.6532 | 184040.2332 | Y | 10 | Y | 10 |
| 3341 | 4 | Red Oak | Good | 1 | 449620.4647 | 184057.3513 | Y | 4 | Y | 4 |
| 3342 | 16 | Bur Oak | Good | 1 | 449622.8524 | 184037.1693 | Y | 16 | Y | 16 |
| 3343 | 4 | Bur Oak | Good | 1 | 449621.8585 | 184019.0262 | Y | 4 | Y | 4 |
| 3344 | 22 | Bur Oak | Good | 1 | 449619.7580 | 184023.0364 | Y | 22 | Y | 22 |
| 3345 | 20 | Bur Oak | Good | 1 | 449627.0567 | 184021.3679 | Y | 20 | Y | 20 |
| 3346 | 4 | Red Oak | Good | 1 | 449634.4089 | 184003.1369 | Y | 4 | Y | 4 |
| 3347 | 6 | Red Oak | Good | 1 | 449635.7876 | 183993.7178 | Y | 6 | Y | 6 |
| 3348 | 26 | Bur Oak | Good | 1 | 449629.8045 | 183976.6658 | Y | 26 | Y | 26 |
| 3349 | 4 | Bur Oak | Good | 1 | 449652.5836 | 183975.8657 | Y | 4 | Y | 4 |
| 3350 | 15 | Jack Pine | Good | 2 | 449640.9680 | 183133.5962 | Y | 15 | Y | 15 |
| 3677 | 5 | Red Cedar | Good | 1 | 448893.3749 | 183122.1271 | Y | 5 | | 0 |
| 3678 | 4 | Red Cedar | Good | 1 | 448839.9648 | 183115.6161 | Y | 4 | | 0 |
| 3679 | 4 | Red Cedar | Good | 1 | 448840.1789 | 183122.8791 | Y | 4 | | 0 |
| 3680 | 9 | Green Ash | Good | 1 | 448886.7053 | 183125.0982 | Y | 9 | | 0 |
| 3682 | 10 | Red Cedar | Good | 1 | 449558.1972 | 183126.5185 | Y | 10 | | 0 |
| 3879 | 8 | Red Pine | Good | 1 | 449046.7702 | 183762.2456 | Y | 8 | | 0 |
| 3941 | 4 | Red Pine | Good | 1 | 449046.5280 | 183766.5529 | Y | 4 | | 0 |
| 3942 | 8 | Red Pine | Good | 1 | 449042.5436 | 183771.5087 | Y | 8 | | 0 |
| 3943 | 7 | Red Pine | Good | 1 | 449027.3331 | 183775.7024 | Y | 7 | | 0 |
| 3947 | 12 | Red Pine | Good | 1 | 449036.5143 | 183782.8800 | Y | 12 | | 0 |
| 3948 | 5 | Red Pine | Good | 1 | 449034.8983 | 183785.0745 | Y | 5 | | 0 |
| 3949 | 16 | Red Pine | Good | 1 | 449130.3768 | 183751.8044 | Y | 16 | Y | 16 |
| 3950 | 12 | Red Pine | Good | 1 | 449143.9034 | 183738.4441 | Y | 12 | | 0 |
| 3951 | 4 | Red Pine | Good | 1 | 449146.2150 | 183741.0312 | Y | 4 | | 0 |
| 3952 | 5 | Red Pine | Good | 1 | 449146.5926 | 183747.1684 | Y | 5 | | 0 |
| 3953 | 16 | Red Pine | Good | 1 | 449159.5742 | 183755.9002 | Y | 16 | | 0 |
| 3954 | 8 | Red Pine | Good | 1 | 449170.5990 | 183747.6324 | Y | 8 | | 0 |
| 3955 | 7 | Red Pine | Good | 1 | 449176.9593 | 183749.3691 | Y | 7 | | 0 |
| 3956 | 8 | Red Pine | Good | 1 | 449186.1227 | 183750.4304 | Y | 8 | | 0 |
| 3957 | 5 | Red Pine | Good | 1 | 449181.3342 | 183753.3889 | Y | 5 | | 0 |
| 3958 | 8 | Red Pine | Good | 1 | 449186.3372 | 183757.1840 | Y | 8 | | 0 |
| 3959 | 7 | Red Pine | Good | 1 | 449196.2751 | 183758.0407 | Y | 7 | | 0 |
| 3960 | 9 | Red Cedar | Good | 1 | 449161.0732 | 183743.5120 | Y | 9 | | 0 |
| 3989 | 4 | Scots Pine | Good | 1 | 449414.2843 | 183743.6442 | Y | 4 | | 0 |
| 3990 | 4 | Red Pine | Good | 1 | 449444.2542 | 183749.4809 | Y | 4 | | 0 |
| 3991 | 20 | Red Pine | Good | 1 | 449453.8410 | 183751.7627 | Y | 20 | | 0 |
| 3992 | 5 | Red Pine | Good | 1 | 449434.5018 | 183755.6596 | Y | 5 | | 0 |
| 3993 | 8 | Red Pine | Good | 1 | 449438.1002 | 183762.4758 | Y | 8 | | 0 |
| 3994 | 6 | Jack Pine | Dead | 1 | 449485.5210 | 183764.2832 | Y | 6 | Y | 6 |
| 3995 | 8 | Red Pine | Good | 1 | 449453.2160 | 183775.5441 | Y | 8 | | 0 |
| 3996 | 16 | Red Pine | Good | 1 | 449493.4340 | 183746.2703 | Y | 16 | | 0 |
| 3997 | 16 | Red Pine | Good | 1 | 449500.3959 | 183749.1714 | Y | 16 | | 0 |
| 3998 | 18 | Red Pine | Good | 1 | 449511.5773 | 183737.1627 | Y | 18 | | 0 |
| 3999 | 18 | Red Pine | Good | 1 | 449529.5879 | 183732.9845 | Y | 18 | | 0 |
| 4000 | 18 | Red Pine | Good | 1 | 449539.3020 | 183748.9343 | Y | 18 | | 0 |
| 4001 | 10 | Red Cedar | Good | 3 | 449069.8932 | 183918.2804 | Y | 10 | | 0 |
| 4002 | 13 | Red Pine | Good | 1 | 449044.8645 | 183745.9341 | Y | 13 | | 0 |
| 4003 | 7 | Red Pine | Good | 1 | 449050.4921 | 183756.4708 | Y | 7 | | 0 |
| 4004 | 15 | Red Pine | Good | 1 | 449041.2306 | 183756.6336 | Y | 15 | | 0 |
| 4005 | 10 | Jack Pine | Good | 1 | 449133.5017 | 183756.9477 | Y | 10 | Y | 10 |
| 4006 | 6 | Jack Pine | Good | 1 | 449122.8880 | 183755.6666 | Y | 6 | Y | 6 |
| 4007 | 8 | Red Pine | Good | 1 | 449120.4348 | 183756.1456 | Y | 8 | Y | 8 |
| 4008 | 8 | Red Pine | Good | 1 | 449135.1329 | 183738.4794 | Y | 8 | Y | 8 |
| 4009 | 8 | Jack Pine | Good | 1 | 449145.7442 | 183758.1655 | Y | 8 | | 0 |
| 4010 | 18 | Red Pine | Good | 1 | 449162.5089 | 183758.1573 | Y | 18 | | 0 |
| 4011 | 7 | Red Pine | Good | 1 | 449170.6661 | 183771.5079 | Y | 7 | | 0 |
| 4012 | 5 | Red Pine | Good | 1 | 449178.5346 | 183763.4707 | Y | 5 | | 0 |
| 4013 | 6 | Red Pine | Good | 1 | 449180.5008 | 183755.0977 | Y | 6 | | 0 |
| 4014 | 8 | Red Pine | Good | 1 | 449184.5810 | 183761.5841 | Y | 8 | | 0 |
| 4015 | 6 | Red Pine | Good | 1 | 449186.9303 | 183764.0414 | Y | 6 | | 0 |
| 4016 | 8 | Jack Pine | Good | 1 | 449182.7395 | 183757.6351 | Y | 8 | | 0 |
| 4017 | 31 | Red Pine | Dead | 1 | 449434.0706 | 183738.4515 | Y | 31 | Y | 31 |
| 4018 | 8 | Red Pine | Good | 1 | 449468.5833 | 183731.3015 | Y | 8 | | 0 |
| 4019 | 18 | Red Pine | Good | 1 | 449476.0404 | 183746.2300 | Y | 18 | | 0 |
| 4020 | 17 | Red Pine | Good | 1 | 449476.0704 | 183754.9406 | Y | 17 | | 0 |
| 4021 | 4 | Red Pine | Good | 1 | 449471.8097 | 183771.1662 | Y | 4 | | 0 |
| 4022 | 5 | Red Pine | Good | 1 | 449475.8455 | 183768.4246 | Y | 5 | | 0 |
| 4023 | 6 | Red Pine | Good | 1 | 449477.5533 | 183768.8221 | Y | 6 | | 0 |
| 4024 | 7 | Red Pine | Good | 1 | 449483.8045 | 183770.2758 | Y | 7 | | 0 |
| 4025 | 7 | Red Pine | Good | 1 | 449484.6822 | 183770.2179 | Y | 7 | | 0 |
| 4026 | 6 | Red Pine | Good | 1 | 449489.9807 | 183769.2690 | Y | 6 | | 0 |
| 4027 | 6 | Jack Pine | Good | 1 | 449494.0874 | 183766.4793 | Y | 6 | | 0 |
| 4028 | 4 | Jack Pine | Good | 1 | 449496.0953 | 183772.1085 | Y | 4 | | 0 |
| 4029 | 7 | Red Pine | Good | 1 | 449509.9702 | 183771.2077 | Y | 7 | | 0 |
| 4030 | 9 | Red Pine | Good | 1 | 449527.0424 | 183795.4566 | Y | 9 | | 0 |
| 4031 | 9 | Red Pine | Good | 1 | 449535.5493 | 183771.4515 | Y | 9 | | 0 |
| 4032 | 7 | Red Pine | Good | 1 | 449557.2473 | 183774.4301 | Y | 7 | | 0 |
| 4033 | 6 | Red Pine | Good | 1 | 449557.8397 | 183767.2003 | Y | 6 | | 0 |
| 4034 | 5 | Red Pine | Good | 1 | 449558.6533 | 183763.1041 | Y | 5 | | 0 |
| 4035 | 7 | Red Pine | Good | 1 | 449549.3608 | 183771.8438 | Y | 7 | | 0 |
| 4036 | 6 | Red Pine | Good | 2 | 449559.5384 | 183759.1596 | Y | 6 | | 0 |
| 4037 | 6 | Red Pine | Good | 1 | 449550.5676 | 183491.5239 | Y | 12 | | 0 |
| 4038 | 8 | Jack Pine | Good | 1 | 449546.7766 | 183492.3499 | Y | 8 | | 0 |
| 4039 | 8 | Jack Pine | Good | 1 | 449543.8183 | 183480.8491 | Y | 16 | | 0 |
| 4040 | 18 | Jack Pine | Good | 1 | 449539.4642 | 183487.3575 | Y | 18 | | 0 |
| 4041 | 10 | Jack Pine | Good | 1 | 449522.4966 | 183474.7094 | Y | 8 | | 0 |
| 4042 | 6 | Red Pine | Good | 1 | 449520.0980 | 183480.1811 | Y | 6 | | 0 |
| 4043 | 6 | Red Pine | Good | 1 | 449520.8218 | 183480.2741 | Y | 6 | | 0 |
| 4044 | 6 | Red Pine | Good | 1 | 449526.9664 | 183487.9203 | Y | 6 | | 0 |
| 4045 | 7 | Red Pine | Good | 1 | 449641.4145 | 183496.4650 | Y | 5 | | 0 |
| 4046 | 6 | Jack Pine | Good | 1 | 449647.9727 | 183493.3620 | | 0 | | 0 |
| 4047 | 7 | Jack Pine | Good | 1 | 449658.2701 | 183497.9939 | Y | 8 | | 0 |
| 4048 | 8 | Jack Pine | Good | 1 | 449597.5543 | 183509.5874 | Y | 7 | | 0 |
| 4049 | 8 | Jack Pine | Good | 1 | 449594.5665 | 183494.6587 | Y | 8 | | 0 |
| 4050 | 8 | Jack Pine | Good | 1 | 449607.8055 | 183465.5295 | Y | 6 | | 0 |
| 4051 | 6 | Jack Pine | Good | 1 | 449587.0882 | 183462.2643 | Y | 6 | | 0 |
| 4052 | 8 | Jack Pine | Good | 1 | 449568.0444 | 183464.6677 | Y | 7 | | 0 |
| 4053 | 8 | Jack Pine | Good | 1 | 449553.2637 | 183468.7892 | Y | 8 | | 0 |
| 4054 | 6 | Jack Pine | Good | 1 | 449553.1232 | 183472.1283 | Y | 5 | | 0 |
| 4055 | 7 | Jack Pine | Good | 1 | 449550.6083 | 183470.5982 | Y | 4 | | 0 |
| 4056 | 17 | Jack Pine | Good | 1 | 449552.4546 | 183462.9215 | Y | 17 | | 0 |
| 4057 | 8 | Jack Pine | Good | 1 | 449507.9093 | 183477.0148 | Y | 8 | | 0 |
| 4058 | 8 | Jack Pine | Good | 1 | 449496.1047 | 183466.2988 | Y | 9 | | 0 |
| 4059 | 10 | Jack Pine | Good | 1 | 449486.2766 | 183469.6960 | Y | 4 | | 0 |
| 4060 | 10 | Jack Pine | Good | 1 | 449475.4035 | 183468.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4650 | 8 | Jack Pine | Good | 1 | 449485.7045 | 183175.4851 | Y | 8 | | 0 |
| 4651 | 10 | Jack Pine | Good | 1 | 449470.1312 | 183151.8876 | | 0 | | 0 |
| 4652 | 8 | Red Pine | Good | 1 | 449485.1942 | 183158.2645 | Y | 8 | | 0 |
| 4653 | 8 | Jack Pine | Good | 1 | 449501.1454 | 183166.5692 | Y | 8 | | 0 |
| 4654 | 8 | Siberian Elm | Good | 1 | 449539.4681 | 183177.5630 | Y | 8 | | 0 |
| 4655 | 6 | Jack Pine | Good | 1 | 449539.3188 | 183194.4735 | Y | 6 | | 0 |
| 4656 | 10 | Red Cedar | Good | 1 | 449544.3126 | 183205.3442 | Y | 10 | | 0 |
| 4657 | 10 | Jack Pine | Good | 1 | 449538.5514 | 183212.6254 | Y | 10 | | 0 |
| 4658 | 6 | Jack Pine | Good | 1 | 449552.2490 | 183210.4983 | Y | 6 | | 0 |
| 4659 | 10 | Jack Pine | Good | 1 | 449555.8099 | 183202.1379 | Y | 10 | | 0 |
| 4660 | 6 | Jack Pine | Good | 1 | 449565.1771 | 183193.4918 | Y | 6 | | 0 |
| 4661 | 10 | Red Pine | Good | 1 | 449573.6866 | 183185.9685 | Y | 10 | | 0 |
| 4662 | 7 | Jack Pine | Good | 1 | 449577.7711 | 183201.7411 | Y | 7 | | 0 |
| 4663 | 12 | Jack Pine | Good | 1 | 449595.6710 | 183213.7173 | Y | 12 | | 0 |
| 4664 | 8 | Jack Pine | Good | 1 | 449597.7786 | 183191.6134 | Y | 8 | | 0 |
| 4665 | 14 | Jack Pine | Good | 1 | 449592.1273 | 183178.6648 | Y | 14 | | 0 |
| 4666 | 7 | Jack Pine | Good | 1 | 449280.6295 | 183201.4535 | Y | 7 | | 0 |
| 4667 | 14 | Jack Pine | Good | 1 | 449613.0044 | 183197.0017 | Y | 14 | | 0 |
| 4668 | 12 | Black Cherry | Good | 1 | 449613.2577 | 183175.1564 | Y | 12 | | 0 |
| 4669 | 12 | Jack Pine | Good | 1 | 449624.1808 | 183194.3544 | Y | 12 | | 0 |
| 4670 | 5 | Jack Pine | Good | 1 | 449629.6459 | 183194.0820 | Y | 5 | | 0 |
| 4671 | 10 | Jack Pine | Good | 1 | 449636.4017 | 183199.8179 | Y | 10 | | 0 |
| 4674 | 4 | Jack Pine | Good | 1 | 449439.1596 | 183187.3755 | Y | 4 | | 0 |
| 4675 | 6 | Jack Pine | Good | 1 | 449439.9136 | 183176.3785 | Y | 6 | | 0 |
| 4676 | 6 | Jack Pine | Good | 1 | 449422.3354 | 183171.0029 | Y | 6 | | 0 |
| 4677 | 6 | Jack Pine | Good | 1 | 449418.8554 | 183168.3985 | Y | 6 | | 0 |
| 4678 | 16 | Siberian Elm | Good | 1 | 449241.5021 | 183154.3711 | | 0 | | 0 |
| 4679 | 8 | Siberian Elm | Good | 1 | 449183.6655 | 183158.9861 | Y | 8 | | 0 |
| 4680 | 12 | Red Cedar | Good | 1 | 449101.7502 | 183184.9388 | Y | 12 | | 0 |
| 4681 | 6 | Jack Pine | Good | 1 | 449106.2194 | 183188.5513 | Y | 6 | | 0 |
| 4682 | 6 | Jack Pine | Good | 1 | 449092.4083 | 183183.1814 | Y | 6 | | 0 |
| 4683 | 8 | Jack Pine | Good | 1 | 449101.7372 | 183173.0954 | Y | 8 | | 0 |
| 4684 | 16 | Scots Pine | Good | 1 | 449354.4280 | 183911.1683 | Y | 16 | | 0 |
| 4685 | 6 | Red Cedar | Good | 1 | 449383.7428 | 184005.7316 | Y | 6 | | 0 |
| 4686 | 4 | Red Cedar | Good | 1 | 449382.1998 | 184004.8305 | Y | 4 | | 0 |
| 4687 | 4 | Red Cedar | Good | 1 | 449347.3581 | 184087.7398 | Y | 4 | | 0 |
| 4688 | 6 | Red Cedar | Good | 1 | 449274.1729 | 184176.1257 | Y | 6 | | 0 |
| 4689 | 7 | Jack Pine | Good | 1 | 449148.1290 | 184285.9492 | | 0 | | 0 |
| 4690 | 19 | Red Pine | Good | 1 | 449070.6351 | 184368.9195 | | 0 | | 0 |
| 4691 | 12 | Red Pine | Good | 1 | 449094.7722 | 184365.2236 | | 0 | | 0 |
| 4692 | 10 | Black Locust | Good | 2 | 449182.5515 | 184354.5529 | Y | 10 | | 0 |
| 4693 | 10 | Boxelder | Good | 1 | 449372.3320 | 184363.1697 | Y | 10 | | 0 |
| 4694 | 5 | Jack Pine | Good | 1 | 449526.8585 | 184309.4952 | Y | 5 | | 0 |
| 4701 | 5 | Red Pine | Good | 1 | 449355.6417 | 183250.7883 | Y | 5 | | 0 |
| 4702 | 7 | Jack Pine | Good | 1 | 449361.5519 | 183209.7569 | Y | 7 | | 0 |
| 4703 | 6 | Jack Pine | Good | 1 | 449396.8417 | 183214.4581 | Y | 6 | | 0 |
| 4704 | 8 | Jack Pine | Good | 1 | 449393.3032 | 183223.3038 | Y | 8 | | 0 |
| 4705 | 16 | Jack Pine | Good | 1 | 449401.8231 | 183228.1051 | Y | 16 | | 0 |
| 4706 | 7 | Jack Pine | Good | 1 | 449408.7107 | 183222.8552 | Y | 7 | | 0 |
| 4707 | 7 | Jack Pine | Good | 1 | 449413.0852 | 183215.7134 | Y | 7 | | 0 |
| 4708 | 7 | Jack Pine | Good | 1 | 449423.1010 | 183216.1843 | Y | 7 | | 0 |
| 4709 | 5 | Jack Pine | Good | 1 | 449422.7075 | 183218.0715 | Y | 5 | | 0 |
| 4710 | 6 | Jack Pine | Good | 1 | 449422.0894 | 183216.8371 | Y | 6 | | 0 |
| 4711 | 5 | Jack Pine | Good | 1 | 449427.9552 | 183215.6622 | Y | 5 | | 0 |
| 4712 | 5 | Jack Pine | Good | 1 | 449431.5351 | 183215.0024 | Y | 5 | | 0 |
| 4713 | 5 | Jack Pine | Good | 1 | 449434.0568 | 183221.4928 | Y | 5 | | 0 |
| 4714 | 6 | Jack Pine | Good | 1 | 449444.2200 | 183215.3358 | Y | 6 | | 0 |
| 4715 | 6 | Jack Pine | Good | 1 | 449442.8548 | 183209.9300 | Y | 6 | | 0 |
| 4716 | 6 | Jack Pine | Good | 1 | 449445.7858 | 183200.7040 | Y | 6 | | 0 |
| 4717 | 8 | Jack Pine | Good | 1 | 449451.6910 | 183216.9440 | Y | 8 | | 0 |
| 4718 | 4 | Jack Pine | Good | 1 | 449448.4463 | 183218.8625 | Y | 4 | | 0 |
| 4719 | 4 | Jack Pine | Good | 1 | 449448.1497 | 183218.4784 | Y | 4 | | 0 |
| 4720 | 5 | Jack Pine | Good | 1 | 449448.5282 | 183221.5311 | Y | 5 | | 0 |
| 4721 | 6 | Jack Pine | Good | 1 | 449457.5842 | 183215.0990 | Y | 6 | | 0 |
| 4722 | 4 | Jack Pine | Good | 1 | 449460.1152 | 183213.5720 | Y | 4 | | 0 |
| 4723 | 5 | Jack Pine | Good | 1 | 449457.4905 | 183232.3439 | Y | 5 | | 0 |
| 4724 | 10 | Jack Pine | Good | 1 | 449467.1146 | 183214.8248 | Y | 10 | | 0 |
| 4725 | 6 | Jack Pine | Good | 1 | 449462.2269 | 183206.0271 | Y | 6 | | 0 |
| 4726 | 6 | Jack Pine | Good | 1 | 449462.8238 | 183207.3206 | Y | 6 | | 0 |
| 4727 | 4 | Jack Pine | Good | 1 | 449458.7705 | 183204.9134 | Y | 4 | | 0 |
| 4728 | 14 | Jack Pine | Good | 1 | 449473.8918 | 183205.3439 | Y | 14 | | 0 |
| 4729 | 5 | Jack Pine | Good | 1 | 449472.2660 | 183202.7448 | Y | 5 | | 0 |
| 4730 | 6 | Jack Pine | Good | 1 | 449471.3181 | 183201.2109 | Y | 6 | | 0 |
| 4731 | 6 | Jack Pine | Good | 1 | 449470.0607 | 183221.9397 | Y | 6 | | 0 |
| 4732 | 8 | Jack Pine | Good | 1 | 449497.2834 | 183214.9767 | Y | 8 | | 0 |
| 4733 | 6 | Jack Pine | Good | 1 | 449493.1611 | 183207.2051 | Y | 6 | | 0 |
| 4734 | 10 | Jack Pine | Good | 1 | 449495.8051 | 183209.1354 | Y | 10 | | 0 |
| 4735 | 4 | Jack Pine | Dead | 1 | 449492.8618 | 183205.7926 | Y | 4 | Y | 4 |
| 4736 | 6 | Jack Pine | Good | 1 | 449493.6977 | 183200.5519 | Y | 6 | | 0 |
| 4737 | 4 | Jack Pine | Good | 1 | 449507.2090 | 183200.6199 | Y | 4 | | 0 |
| 4738 | 8 | Jack Pine | Good | 1 | 449501.7120 | 183212.3015 | Y | 8 | | 0 |
| 4739 | 11 | Jack Pine | Good | 1 | 449504.8234 | 183219.3793 | Y | 11 | | 0 |
| 4740 | 5 | Jack Pine | Good | 1 | 449512.5652 | 183195.4814 | Y | 5 | | 0 |
| 4741 | 7 | Jack Pine | Good | 1 | 449509.5087 | 183191.3504 | Y | 7 | | 0 |
| 4742 | 7 | Jack Pine | Good | 1 | 449516.2773 | 183194.6018 | Y | 7 | | 0 |
| 4743 | 8 | Jack Pine | Good | 1 | 449514.2309 | 183190.8994 | Y | 8 | | 0 |
| 4744 | 6 | Jack Pine | Good | 1 | 449524.4610 | 183214.2304 | Y | 6 | | 0 |
| 4745 | 5 | Jack Pine | Good | 1 | 449522.9843 | 183213.4127 | Y | 5 | | 0 |
| 4746 | 6 | Jack Pine | Good | 1 | 449520.0396 | 183215.1924 | Y | 6 | | 0 |
| 4747 | 6 | Jack Pine | Good | 1 | 449525.6517 | 183209.6874 | Y | 6 | | 0 |
| 4748 | 6 | Jack Pine | Good | 1 | 449534.6593 | 183216.2022 | Y | 6 | | 0 |
| 4749 | 4 | Red Pine | Good | 1 | 449555.2478 | 183214.0641 | Y | 4 | | 0 |
| 4750 | 5 | Jack Pine | Good | 1 | 449560.5353 | 183211.8659 | Y | 5 | | 0 |
| 4751 | 4 | Jack Pine | Good | 1 | 449558.4163 | 183212.9726 | Y | 4 | | 0 |
| 4752 | 6 | Jack Pine | Good | 1 | 449562.6215 | 183216.0829 | Y | 6 | | 0 |
| 4753 | 5 | Jack Pine | Good | 1 | 449505.9922 | 183207.9618 | Y | 5 | | 0 |
| 4754 | 8 | Jack Pine | Good | 1 | 449573.9477 | 183207.1141 | Y | 8 | | 0 |
| 4755 | 4 | Jack Pine | Good | 1 | 449570.3856 | 183225.0515 | Y | 4 | | 0 |
| 4756 | 7 | Jack Pine | Good | 1 | 449582.9185 | 183212.9952 | Y | 7 | | 0 |
| 4757 | 18 | Jack Pine | Fair | 1 | 449582.1938 | 183229.5988 | Y | 18 | | 0 |
| 4758 | 15 | Jack Pine | Fair | 1 | 449579.9675 | 183228.0475 | Y | 15 | | 0 |
| 4759 | 15 | Jack Pine | Good | 1 | 449580.9847 | 183241.7019 | Y | 15 | | 0 |
| 4760 | 5 | Jack Pine | Good | 1 | 449603.8627 | 183230.4355 | Y | 5 | | 0 |
| 4761 | 8 | Jack Pine | Good | 1 | 449606.6602 | 183238.9601 | Y | 8 | | 0 |
| 4762 | 7 | Jack Pine | Good | 1 | 449616.0107 | 183212.9455 | Y | 7 | | 0 |
| 4763 | 10 | Jack Pine | Good | 1 | 449617.4268 | 183211.9723 | Y | 10 | | 0 |
| 4764 | 10 | Jack Pine | Good | 1 | 449633.9770 | 183212.6415 | | 0 | | 0 |
| 4769 | 7 | Jack Pine | Good | 1 | 449455.3318 | 183161.3700 | Y | 7 | | 0 |
| 4770 | 7 | Jack Pine | Good | 1 | 449449.2598 | 183164.7271 | Y | 7 | | 0 |
| 4771 | 6 | Jack Pine | Good | 1 | 449451.9183 | 183171.5345 | Y | 6 | | 0 |
| 4772 | 7 | Jack Pine | Good | 1 | 449444.1782 | 183171.4234 | Y | 7 | | 0 |
| 4773 | 7 | Jack Pine | Good | 1 | 449439.2981 | 183161.5697 | Y | 7 | | 0 |
| 4774 | 7 | Jack Pine | Good | 1 | 449398.6640 | 183161.6309 | Y | 7 | | 0 |
| 4775 | 8 | Jack Pine | Good | 1 | 449407.2118 | 183176.0267 | Y | 8 | | 0 |
| 4776 | 5 | Red Pine | Good | 1 | 449395.4897 | 183204.2502 | Y | 5 | | 0 |
| 4777 | 8 | Red Pine | Good | 1 | 449204.1826 | 183158.8327 | Y | 8 | | 0 |
| 4778 | 11 | Jack Pine | Good | 1 | 449093.7193 | 183178.0242 | Y | 11 | | 0 |
| 4779 | 9 | Red Cedar | Good | 1 | 449062.6749 | 183170.5701 | Y | 9 | | 0 |
| 4780 | 7 | Red Cedar | Good | 1 | 449126.5943 | 183803.4167 | | 7 | Y | 7 |
| 4781 | 9 | Red Cedar | Good | 2 | 449189.8996 | 184193.6143 | Y | 9 | | 0 |
| 4782 | 14 | Jack Pine | Good | 3 | 449244.4422 | 184295.9725 | Y | 14 | | 0 |
| 4783 | 11 | Jack Pine | Good | 2 | 449232.3246 | 184335.5497 | Y | 11 | | 0 |
| 4784 | 10 | Red Cedar | Good | 1 | 449206.0447 | 184376.4159 | Y | 10 | | 0 |
| 4785 | 6 | Jack Pine | Good | 1 | 449194.1276 | 184375.6536 | Y | 6 | | 0 |
| 4786 | 4 | Red Cedar | Good | 1 | 449198.9401 | 184371.8813 | Y | 4 | | 0 |
| 4787 | 10 | Jack Pine | Good | 1 | 449188.0419 | 184390.9023 | Y | 10 | | 0 |
| 4788 | 9 | Jack Pine | Good | 1 | 449185.7384 | 184390.6415 | Y | 9 | | 0 |
| 4790 | 5 | Red Cedar | Good | 1 | 449176.6549 | 184371.0021 | Y | 5 | | 0 |
| 4791 | 12 | Jack Pine | Dead | 1 | 449155.4404 | 184378.3854 | Y | 12 | Y | 12 |
| 4792 | 14 | Black Locust | Good | 2 | 449159.2023 | 184362.4542 | Y | 14 | | 0 |
| 4793 | 12 | Jack Pine | Good | 1 | 449155.4851 | 184354.5529 | Y | 12 | | 0 |
| 4794 | 6 | Jack Pine | Good | 1 | 449396.2787 | 184336.1960 | Y | 6 | | 0 |
| 4795 | 5 | Jack Pine | Good | 1 | 449407.9642 | 184332.1082 | Y | 5 | | 0 |
| 4796 | 10 | Jack Pine | Good | 1 | 449477.1304 | 184129.7562 | Y | 10 | | 0 |
| 4797 | 14 | Jack Pine | Good | 2 | 449476.8109 | 184139.4238 | Y | 14 | | 0 |
| 4798 | 8 | Red Cedar | Good | 4 | 449648.1202 | 183864.4323 | Y | 8 | | 0 |
| 4799 | 5 | Jack Pine | Good | 1 | 449656.2176 | 183853.0463 | | 0 | | 0 |
| 4801 | 23 | Jack Pine | Good | 1 | 449460.4023 | 183237.4457 | Y | 23 | | 0 |
| 4802 | 13 | Jack Pine | Good | 1 | 449470.3179 | 183241.2557 | Y | 13 | | 0 |
| 4803 | 13 | Jack Pine | Good | 1 | 449480.4851 | 183229.8666 | Y | 13 | | 0 |
| 4804 | 12 | Jack Pine | Good | 1 | 449484.2649 | 183227.0734 | Y | 12 | | 0 |
| 4805 | 14 | Jack Pine | Good | 1 | 449490.3317 | 183227.8729 | Y | 14 | | 0 |
| 4806 | 8 | Jack Pine | Good | 1 | 449497.7306 | 183261.9914 | Y | 8 | | 0 |
| 4807 | 5 | Jack Pine | Good | 1 | 449499.5768 | 183261.1454 | Y | 5 | | 0 |
| 4808 | 6 | Jack Pine | Good | 1 | 449507.3968 | 183260.1772 | Y | 6 | | 0 |
| 4809 | 5 | Jack Pine | Good | 1 | 449509.1437 | 183245.5444 | Y | 5 | | 0 |
| 4810 | 5 | Jack Pine | Good | 1 | 449514.2011 | 183253.9655 | Y | 5 | | 0 |
| 4811 | 5 | Jack Pine | Good | 1 | 449516.4797 | 183258.5735 | Y | 5 | | 0 |
| 4812 | 8 | Jack Pine | Good | 1 | 449510.5953 | 183256.1293 | Y | 8 | | 0 |
| 4813 | 4 | Red Cedar | Good | 1 | 449518.3561 | 183249.3474 | Y | 4 | | 0 |
| 4814 | 4 | Jack Pine | Good | 1 | 449508.0699 | 183231.3049 | Y | 4 | | 0 |
| 4815 | 5 | Jack Pine | Good | 1 | 449513.0926 | 183239.3792 | Y | 5 | | 0 |
| 4816 | 4 | Jack Pine | Good | 1 | 449517.8527 | 183222.5353 | Y | 4 | | 0 |
| 4817 | 16 | Jack Pine | Good | 1 | 449522.7392 | 183236.0425 | Y | 16 | | 0 |
| 4818 | 4 | Jack Pine | Good | 1 | 449530.5763 | 183257.3488 | Y | 4 | | 0 |
| 4819 | 8 | Jack Pine | Good | 1 | 449530.3787 | 183258.1662 | Y | 8 | | 0 |
| 4820 | 5 | Jack Pine | Good | 1 | 449555.1797 | 183258.0309 | Y | 5 | | 0 |
| 4821 | 7 | Jack Pine | Dead | 1 | 449548.8399 | 183233.6540 | Y | 7 | Y | 7 |
| 4822 | 15 | Jack Pine | Dead | 1 | 449550.9049 | 183233.8957 | Y | 15 | Y | 15 |
| 4823 | 17 | Jack Pine | Good | 1 | 449544.2257 | 183230.0321 | Y | 17 | | 0 |
| 4824 | 5 | Red Pine | Good | 1 | 449566.0452 | 183252.5455 | Y | 5 | | 0 |
| 4825 | 5 | Jack Pine | Good | 1 | 449565.4570 | 183254.2079 | Y | 5 | | 0 |
| 4826 | 5 | Jack Pine | Good | 1 | 449567.4124 | 183257.7640 | Y | 5 | | 0 |
| 4827 | 5 | Jack Pine | Good | 1 | 449564.8608 | 183254.4238 | Y | 5 | | 0 |
| 4828 | 5 | Jack Pine | Good | 1 | 449578.5790 | 183257.7598 | Y | 5 | | 0 |
| 4829 | 7 | Jack Pine | Good | 1 | 449586.6988 | 183255.6539 | Y | 7 | | 0 |
| 4830 | 14 | Jack Pine | Good | 1 | 449591.9118 | 183253.5337 | Y | 14 | | 0 |
| 4831 | 7 | Jack Pine | Good | 1 | 449600.0037 | 183257.5274 | Y | 7 | | 0 |
| 4832 | 9 | Quaking Aspen | Good | 1 | 449610.5522 | 183256.8429 | Y | 9 | | 0 |
| 4833 | 18 | Jack Pine | Good | 1 | 449609.2643 | 183233.1351 | Y | 18 | | 0 |
| 4834 | 7 | Jack Pine | Good | 1 | 449610.5171 | 183249.4409 | Y | 7 | | 0 |
| 4835 | 12 | Jack Pine | Poor | 1 | 449627.5775 | 183237.8672 | Y | 12 | | 0 |
| 4836 | 5 | Jack Pine | Poor | 1 | 449638.4323 | 183254.4380 | | 0 | | 0 |
| 4837 | 5 | Jack Pine | Poor | 1 | 449639.0178 | 183254.1842 | | 0 | | 0 |
| 4838 | 4 | Jack Pine | Good | 1 | 449641.4948 | 183254.1013 | | 0 | | 0 |
| 4840 | 9 | Jack Pine | Good | 1 | 449438.3625 | 183149.4995 | | 0 | | 0 |
| 4841 | 8 | Jack Pine | Good | 1 | 449437.8657 | 183159.5308 | Y | 8 | | 0 |
| 4842 | 7 | Jack Pine | Good | 1 | 449413.9003 | 183161.8237 | Y | 7 | | 0 |
| 4843 | 8 | Red Cedar | Good | 1 | 449228.4553 | 183173.7447 | Y | 8 | | 0 |
| 4844 | 9 | Jack Pine | Good | 1 | 449124.9030 | 183172.5185 | Y | 9 | | 0 |
| 4845 | 7 | Jack Pine | Fair | 1 | 449127.0028 | 183178.7148 | Y | 7 | | 0 |
| 4846 | 7 | Red Cedar | Good | 1 | 449120.5262 | 183172.6876 | Y | 7 | | 0 |
| 4847 | 10 | Red Cedar | Good | 2 | 449172.6840 | 183968.9720 | Y | 10 | | 0 |
| 4848 | 10 | Red Cedar | Good | 1 | 449041.4934 | 184137.1351 | Y | 10 | | 0 |
| 4849 | 7 | Red Cedar | Good | 1 | 449039.2954 | 184166.4735 | Y | 7 | | 0 |
| 4850 | 6 | Red Cedar | Good | 1 | 449055.9538 | 184276.0873 | | 0 | | 0 |
| 4851 | 5 | Red Cedar | Good | 1 | 449088.4057 | 184272.8046 | | 0 | | 0 |
| 4852 | 23 | Red Cedar | Good | 15 | 449082.6352 | 184299.0032 | | 0 | | 0 |
| 4853 | 10 | Jack Pine | Good | 1 | 449109.5064 | 184266.2903 | | 0 | | 0 |
| 4854 | 9 | Red Pine | Good | 1 | 449115.1991 | 184281.7852 | | 0 | | 0 |
| 4855 | 12 | Jack Pine | Good | 3 | 449119.6811 | 184269.9042 | | 0 | | 0 |
| 4857 | 19 | Red Pine | Good | 1 | 449080.8865 | 184368.1044 | | 0 | | 0 |
| 4858 | 8 | Black Locust | Good | 2 | 449167.5581 | 184353.4897 | Y | 8 | | 0 |
| 4859 | 8 | Sugar Maple | Good | 1 | 449288.0681 | 184384.5604 | Y | 8 | | 0 |
| 4860 | 6 | Jack Pine | Poor | 1 | 449526.4138 | 184134.3868 | Y | 6 | | 0 |
| 4861 | 7 | Jack Pine | Good | 1 | 449525.3823 | 184137.6035 | Y | 7 | | 0 |
| 4862 | 16 | Jack Pine | Good | 1 | 449024.8278 | 183128.9154 | Y | 16 | | 0 |
| 4863 | 6 | Red Pine | Good | 1 | 449095.8514 | 183142.1435 | | 0 | | 0 |
| 4864 | 6 | Red Cedar | Good | 1 | 449099.4958 | 183135.5707 | | 0 | | 0 |
| 4865 | 4 | Jack Pine | Good | 1 | 449121.2497 | 183140.1331 | | 0 | | 0 |
| 4866 | 5 | Jack Pine | Good | 1 | 449121.8564 | 183140.9895 | | 0 | | 0 |
| 4867 | 8 | Red Pine | Good | 1 | 449129.2542 | 183143.4890 | | 0 | | 0 |
| 4868 | 7 | Red Pine | Good | 1 | 449155.5626 | 183139.5054 | | 0 | | 0 |
| 4869 | 7 | Red Pine | Good | 1 | 449156.3476 | 183137.9803 | | 0 | | 0 |
| 4870 | 4 | Red Pine | Good | 1 | 449159.5019 | 183136.0141 | | 0 | | 0 |
| 4871 | 8 | Jack Pine | Good | 1 | 449171.2615 | 183132.5233 | | 0 | | 0 |
| 4872 | 4 | Red Pine | Good | 1 | 449169.2653 | 183138.8932 | | 0 | | 0 |
| 4873 | 7 | Red Pine | Good | 1 | 449174.3093 | 183142.1406 | | 0 | | 0 |
| 4874 | 4 | Red Pine | Good | 1 | 449185.3765 | 183120.3929 | | 0 | | 0 |
| 4875 | 4 | Red Pine | Good | 1 | 449197.1201 | 183144.1420 | | 0 | | 0 |
| 4876 | 6 | Red Pine | Good | 1 | 449215.2864 | 183143.2137 | | 0 | | 0 |
| 4877 | 8 | Red Pine | Good | 1 | 449210.9908 | 183144.9655 | | 0 | | 0 |
| 4878 | 16 | Red Pine | Good | 1 | 449225.3341 | 183124.9914 | | 0 | | 0 |
| 4879 | 15 | Red Pine | Good | 1 | 449236.7166 | 183129.4631 | | 0 | | 0 |
| 4880 | 5 | Jack Pine | Good | 1 | 449259.1352 | 183124.4720 | | 0 | | 0 |
| 4881 | 4 | Jack Pine | Good | 1 | 449267.0699 | 183123.0851 | | 0 | | 0 |
| 4882 | 13 | Red Cedar | Good | 1 | 449270.9527 | 183135.1266 | | 0 | | 0 |
| 4883 | 4 | Red Pine | Good | 1 | 449311.8913 | 183145.7177 | | 0 | | 0 |
| 4884 | 5 | Jack Pine | Good | 1 | 449312.0313 | 183146.8527 | | 0 | | 0 |
| 4885 | 8 | Red Pine | Good | 1 | 449327.2897 | 183130.8307 | | 0 | | 0 |
| 4886 | 10 | Red Pine | Good | 1 | 449338.6800 | 183133.0235 | | 0 | | 0 |
| 4887 | 14 | Red Pine | Good | 1 | 449350.7810 | 183128.8244 | | 0 | | 0 |
| 4888 | 14 | Red Pine | Good | 1 | 449386.0213 | 183124.6148 | | 0 | | 0 |
| 4889 | 9 | Red Pine | Good | 1 | 449384.9879 | 183123.5928 | | 0 | | 0 |
| 4890 | 4 | Red Cedar | Good | 1 | 449402.9971 | 183128.4758 | | 0 | | 0 |
| 4891 | 7 | Red Pine | Good | 1 | 449421.5316 | 183137.0057 | | 0 | | 0 |
| 4892 | 7 | Jack Pine | Good | 1 | 449423.0020 | 183139.4219 | | 0 | | 0 |
| 4893 | 5 | Jack Pine | Good | 1 | 449431.0538 | 183142.5162 | | 0 | | 0 |
| 4894 | 5 | Jack Pine | Good | 1 | 449483.5606 | 183136.0799 | | 0 | | 0 |
| 4895 | 8 | Jack Pine | Good | 1 | 449400.3673 | 183144.6926 | | 0 | | 0 |
| 4896 | 5 | Jack Pine | Good | 1 | 449417.5745 | 183218.4314 | Y | 5 | | 0 |
| 4897 | 5 | Jack Pine | Good | 1 | 449491.0485 | 183131.9345 | | 0 | | 0 |
| 4898 | 29 | Red Pine | Good | 3 | 449508.4722 | 183122.4727 | | 0 | | 0 |
| 4899 | 9 | Jack Pine | Good | 1 | 449527.5345 | 183132.6626 | | 0 | | 0 |
| 4900 | 5 | Red Pine | Good | 1 | 449578.5894 | 183127.2082 | Y | 5 | | 0 |
| 4901 | 19 | Red Pine | Good | 1 | 449056.3226 | 183125.4759 | Y | 19 | | 0 |
| 4902 | 16 | Red Pine | Good | 1 | 449062.0170 | 183125.4331 | Y | 16 | | 0 |
| 4903 | 8 | Red Pine | Good | 1 | 449057.7453 | 183131.3320 | Y | 8 | | 0 |
| 4904 | 14 | Red Pine | Good | 1 | 449077.0940 | 183129.1438 | | 0 | | 0 |
| 4905 | 14 | Red Pine | Good | 1 | 449090.8384 | 183125.0369 | | 0 | | 0 |
| 4906 | 18 | Red Pine | Good | 1 | 449109.4055 | 183130.3706 | | 0 | | 0 |
| 4907 | 4 | Red Pine | Good | 1 | 449119.1842 | 183136.8726 | | 0 | | 0 |
| 4908 | 4 | Red Pine | Good | 1 | 449116.5488 | 183138.3131 | | 0 | | 0 |
| 4909 | 6 | Jack Pine | Good | 1 | 449132.6920 | 183132.2172 | | 0 | | 0 |
| 4910 | 4 | Jack Pine | Good | 1 | 449145.5366 | 183132.5745 | | 0 | | 0 |
| 4911 | 4 | Jack Pine | Good | 1 | 449148.9550 | 183125.3329 | | 0 | | 0 |
| 4912 | 4 | Jack Pine | Good | 1 | 449151.3991 | 183118.0295 | | 0 | | 0 |
| 4913 | 4 | Jack Pine | Good | 1 | 449149.2152 | 183119.0739 | | 0 | | 0 |
| 4914 | 4 | Jack Pine | Good | 1 | 449190.7242 | 183136.2466 | | 0 | | 0 |
| 4915 | 18 | Red Pine | Good | 1 | 449166.0362 | 183122.1508 | | 0 | | 0 |
| 4916 | 5 | Jack Pine | Good | 1 | 449185.5199 | 183130.6708 | | 0 | | 0 |
| 4917 | 16 | Red Pine | Good | 1 | 449202.3889 | 183126.2751 | | 0 | | 0 |
| 4918 | 15 | Red Pine | Good | 1 | 449215.5032 | 183127.5816 | | 0 | | 0 |
| 4919 | 4 | Red Oak | Good | 1 | 449209.5434 | 183128.2221 | | 0 | | 0 |
| 4920 | 6 | Jack Pine | Good | 1 | 449241.9438 | 183132.7193 | | 0 | | 0 |
| 4921 | 4 | Red Pine | Good | 1 | 449241.2579 | 183130.9921 | | 0 | | 0 |
| 4922 | 5 | Jack Pine | Good | 1 | 449250.1306 | 183128.7598 | | 0 | | 0 |
| 4923 | 18 | Red Pine | Good | 1 | 449281.9486 | 183121.6931 | | 0 | | 0 |
| 4924 | 22 | Red Pine | Good | 1 | 449294.2206 | 183130.7440 | | 0 | | 0 |
| 4925 | 18 | Red Pine | Good | 1 | 449314.7775 | 183128.5273 | | 0 | | 0 |
| 4926 | 12 | Red Pine | Good | 1 | 449309.3776 | 183132.9088 | | 0 | | 0 |
| 4927 | 9 | Red Cedar | Good | 1 | 449356.3219 | 183127.8404 | | 0 | | 0 |
| 4928 | 11 | Red Pine | Good | 1 | 449367.4642 | 183125.8386 | | 0 | | 0 |
| 4929 | 0 | Red Pine | Good | 1 | 449356.9248 | 183127.6195 | | 0 | | 0 |
| 4930 | 14 | Red Pine | Good | 1 | 449361.9281 | 183126.0361 | | 0 | | 0 |
| 4931 | 12 | Red Pine | Good | 1 | 449370.7413 | 183124.8833 | | 0 | | 0 |
| 4932 | 14 | Red Pine | Good | 1 | 449386.8463 | 183121.5898 | | 0 | | 0 |
| 4933 | 4 | Red Pine | Good | 1 | 449383.8439 | 183128.5794 | | 0 | | 0 |
| 4934 | 18 | Red Pine | Good | 1 | 449421.0464 | 183126.1912 | | 0 | | 0 |
| 4935 | 18 | Jack Pine | Good | 1 | 449431.2321 | 183127.5181 | | 0 | | 0 |
| 4936 | 12 | Jack Pine | Good | 1 | 449448.7321 | 183127.5814 | | 0 | | 0 |
| 4937 | 6 | Red Oak | Good | 1 | 449464.2731 | 183134.2684 | | 0 | | 0 |
| 4938 | 8 | Jack Pine | Good | 1 | 449465.6831 | 183135.1357 | | 0 | | 0 |
| 4939 | 4 | Jack Pine | Good | 1 | 449489.1889 | 183124.0588 | | 0 | | 0 |
| 4940 | 4 | Red Oak | Good | 1 | 449492.5841 | 183119.7201 | | 0 | | 0 |
| 4941 | 20 | Red Pine | Good | 1 | 449529.8087 | 183119.6657 | | 0 | | 0 |
| 4942 | 18 | Red Pine | Good | 1 | 449508.7979 | 183109.8578 | | 0 | | 0 |
| 4943 | 5 | Red Pine | Good | 1 | 449588.5883 | 183119.6362 | Y | 5 | | 0 |
| 4944 | 18 | Red Pine | Good | 1 | 449586.8850 | 183115.0328 | Y | 18 | | 0 |
| 4945 | 6 | Red Pine | Good | 1 | 449600.4076 | 183118.7082 | Y | 6 | | 0 |
| 4946 | 4 | Red Pine | Good | 1 | 449601.3388 | 183116.1792 | Y | 4 | | 0 |
| 4947 | 18 | Red Pine | Good | 1 | 449676.6592 | 183116.1252 | Y | 18 | | 0 |
| 4956 | 8 | Black Cherry | Good | 1 | 449523.9550 | 184306.1742 | Y | 8 | Y | 8 |
| 4957 | 4 | Jack Pine | Good | 1 | 449527.3503 | 184307.3294 | Y | 4 | Y | 4 |
| 4958 | 10 | Jack Pine | Good | 1 | 449526.9386 | 184311.9331 | Y | 10 | Y | 10 |
| 4999 | 8 | Jack Pine | Good | 1 | 449518.3378 | 184282.2285 | Y | 8 | Y | 8 |
| 5000 | 8 | Jack Pine | Good | 1 | 449518.4014 | 184298.5107 | Y | 8 | Y | 8 |
| | 8713 | | | | | | | 7437 | | 1503 |
| | TOTAL INCHES | | | | | | | TOTAL REMOVED | | TOTAL EXEMPT |


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PACT CHARTER SCHOOL
RAMSEY, MN

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

NORTH
0 15 30 60

# TREE PRESERVATION PLAN - CALCS

Issues and Revisions:

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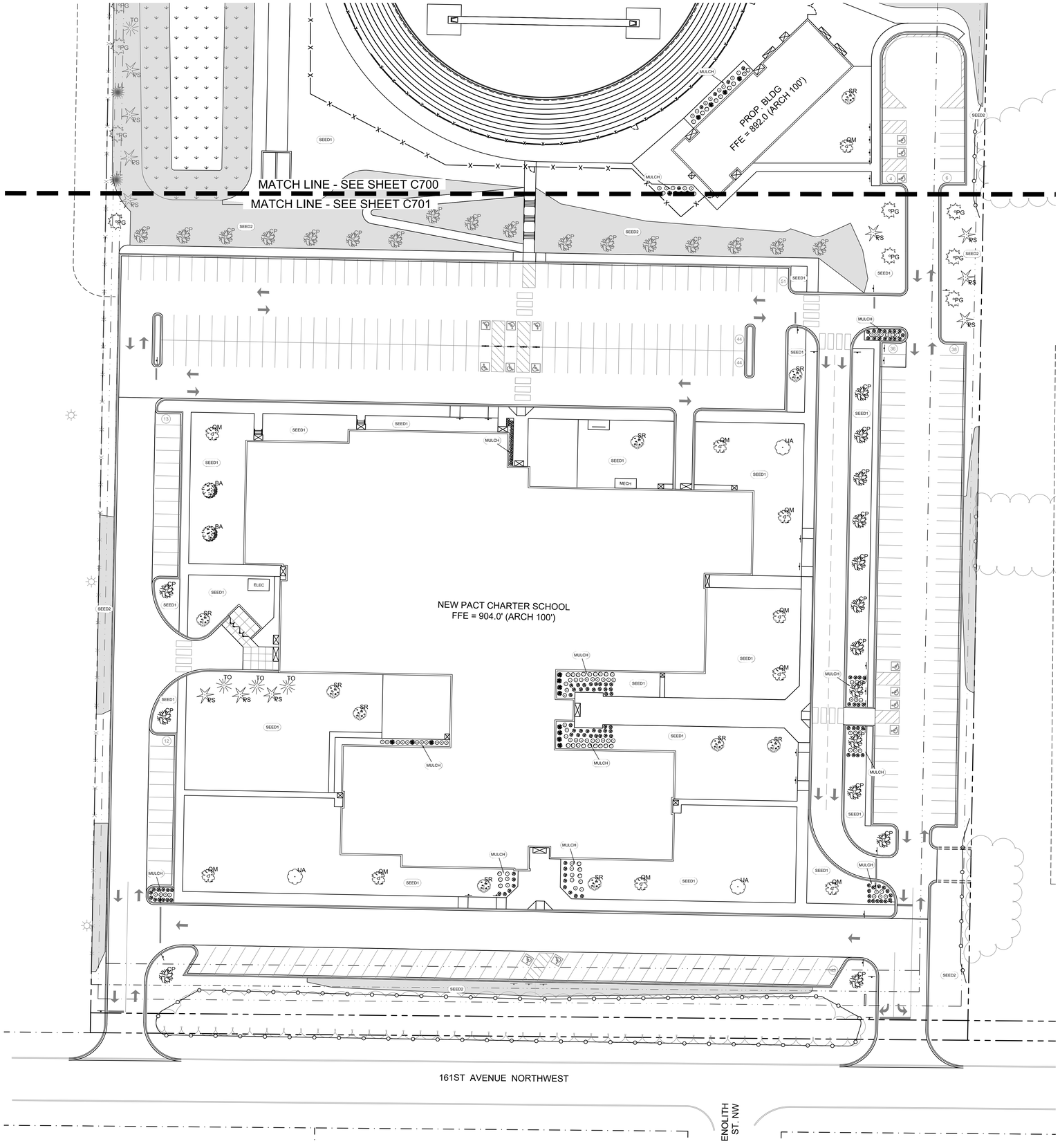
Eric G. Meyer, P.E.

Date: 04.28.2022 Lic. No.: 44592

Submission No. 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C604

TRUE SHEET SCALE
0" 1/2" 1"




## LEGEND

- EROSION CONTROL BLANKET
- NATIVE GRASSES AND WILDFLOWER PLANTINGS
- SEED1 — COMMERCIAL TURF SEED
- SEED2 — NO-MOW SEED MIX
- MULCH — 4" SHREDDED WOOD MULCH OVER WEED BARRIER
- SEED3 — NATIVE PRAIRIE / WOODLAND SEED

## PLANTING SCHEDULE

| | QTY | COMMON NAME | BOTANICAL NAME | SIZE | CONTAINER |
|---|---|---|---|---|---|
| DECIDUOUS TREES, SEE DETAIL 6/C602 | | | | | |
| BA | 2 | Yellow Birch | Betula Alleghaniensis | 2-1/2" Cal | B & B |
| CP | 32 | Dotted Hawthorn | Crataegus Punctata | 2-1/2" Cal | B & B |
| UA | 3 | American Elm | Ulmus Americana | 2-1/2" Cal | B & B |
| QM | 10 | Bur Oak | Quercus Macrocarpa | 2-1/2" Cal | B & B |
| SR | 10 | Japanese Tree Lilac | Syringa Reticulata | 2-1/2" Cal | B & B |
| CONIFEROUS TREES, SEE DETAIL 6/C602 | | | | | |
| LL | 24 | American Larch | Larix Laricina | 6' Ht | B & B |
| TO | 28 | Northern White Cedar | Thuja Occidentallis | 6' Ht | B & B |
| PS | 33 | Eastern White Pine | Pinus Strobus | 6' Ht | B & B |
| PG | 22 | Black Hills Spruce | Picea Glauca Densata | 6' Ht | B & B |
| SHRUBS, SEE DETAIL 7/C602 | | | | | |
| | 17 | Roundleaf Serviceberry | Amelanchier Sanguinea | 24" | Pot |
| | 84 | Bush Cinquefoil | Potentilla Fruticosa | 24" | Pot |
| | 126 | Crisp Leaf Spirea | Spirea x Bumalda (Crispa) | 24" | Pot |
| | 38 | Alpine Currant | Ribes Alpinum | 24" | Pot |

## LANDSCAPING CALCULATIONS

**Site Data:**
Site Perimeter = 3,740 lf
Total Building footprint = 79,862 sf
Parking = 295 stalls

**Deciduous (2.5") / Coniferous (6') Trees:**
Perimeter (per 100 lf) = 74.8
Footprint (per 1,000 sf) = 79.5 <--- 80 Trees

**Shrubs (2' height/width)**:
Perimeter (per 30 lf) = 124.7
Footprint (per 300 sf) = 264.9 <--- 265 Shrubs

**Road Frontage Trees**:
620' / 35 lf = 17.7<--- 18 (in total tree credit)

**Parking Lot Landscaping Trees:** (162 sf per tree min)
295 stalls (1 / 10 stalls) = 29.5 <--- 29 Trees

**Native Grass Tree Credit:** (500 sf = 1 tree)
Storm Basins: 43,750 sf = 87 trees (credit max 50% req'd trees = 54)

Total Shrubs = 265 required PROVIDED = 265

Totals Trees = 55 required PROVIDED = 164
(Additional trees applied to reforestation requirement)

## LANDSCAPING NOTES

1. Landscape Contractor is responsible for coordination with other contractors to protect the new improvements during landscape work activities. Report any damage immediately.
2. Plant size and species substitutions must be approved in writing prior to acceptance in the field.
3. Landscape Contractor is responsible for ongoing maintenance of all newly installed material until time of owner acceptance. Any acts of vandalism or damage which may occur prior to owner acceptance shall be the responsibility of the contractor. Contractor shall provide the owner with a maintenance program including, but not limited to, pruning, fertilization and disease/pest control.
4. Landscape Contractor shall provide the owner with a watering schedule appropriate to the project site conditions and to plant material growth requirements.
5. Landscape Contractor shall guarantee newly planted material through one calendar year from the date of written owner acceptance. Plants that exhibit more than 10% die-back damage shall be replaced at no additional cost to the owner. The contractor shall also provide adequate tree wrap and deer/rodent protection measures for the plantings during the warranty period.
6. Planting areas shall be edged with 6" black vinyl edging and have 4" colored hardwood wood mulch over a weed barrier fabric.
7. All trees not planted in landscaped areas shall have shredded hardwood mulch placed around the tree at 4' diameter and 6" deep.
8. Restore all disturbed turf areas with 4" of good quality topsoil and seed or sod as indicated. Topsoil shall not be placed in filtration basin, For filtration basin areas refer to detail for construction and restoration.

NORTH
0 15 30 60

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LANDSCAPE PLAN SOUTH

Issues / of Revisions:

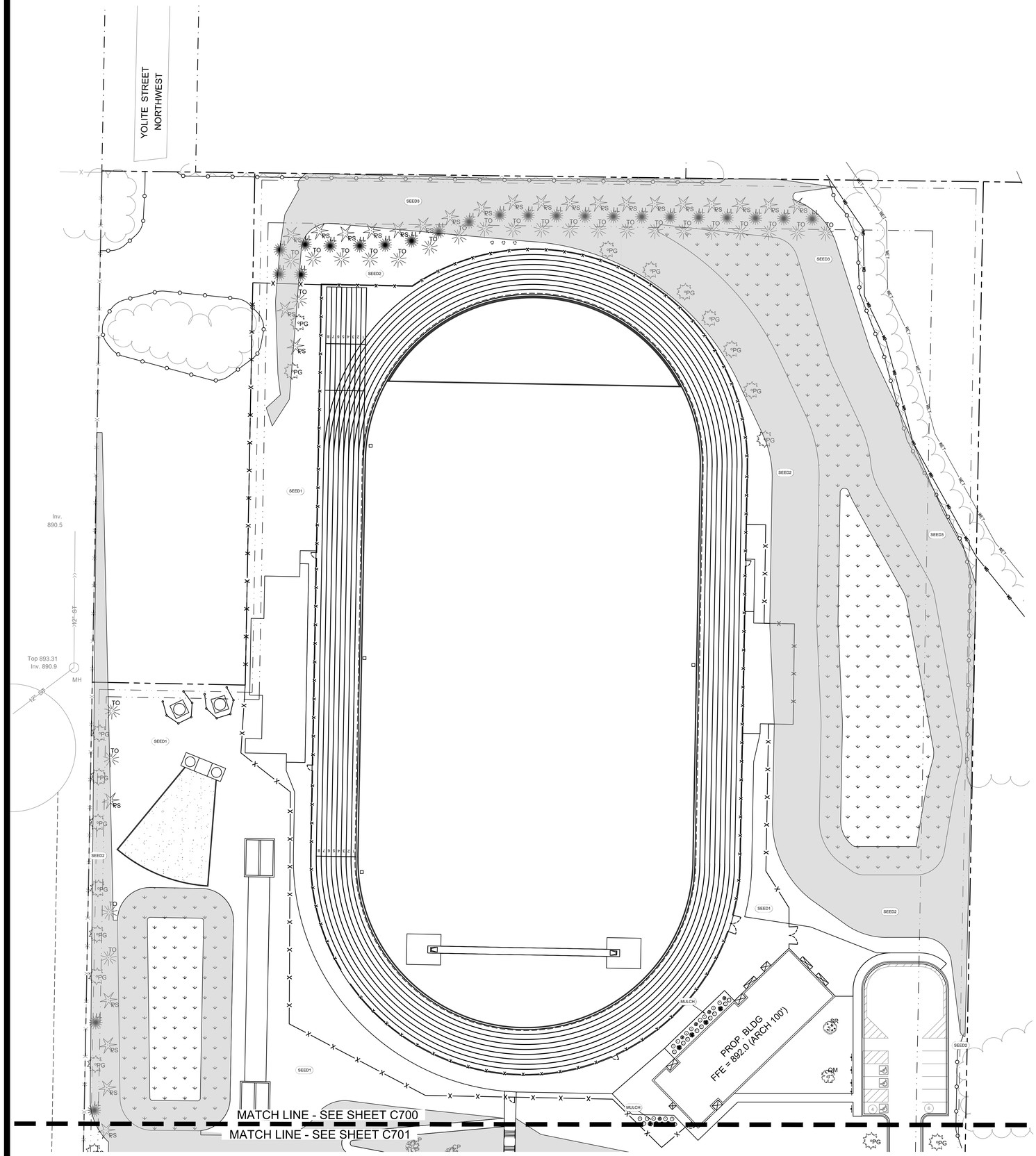
I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.
Date: 04.28.2022 Lic. No.: 44592

Commission No: 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C700

TRUE SHEET SCALE
0" 1/2" 1"




NORTH

0 15 30 60

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RAMSEY, MN

# LANDSCAPE PLAN NORTH

Issue / Revision

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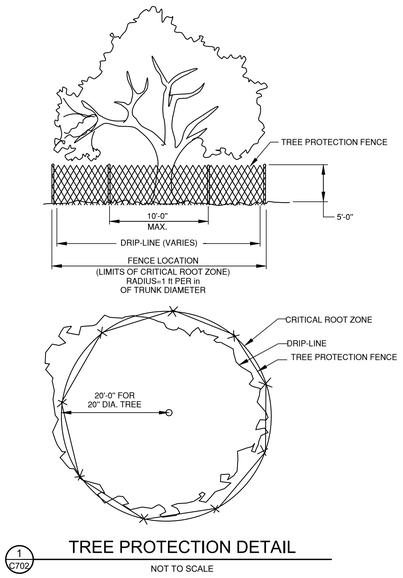
Date: 04.28.2022 Lic. No.: 44592

Job Number: 12216178
Drawn by: KBK
Checked by: EGM

SHEET

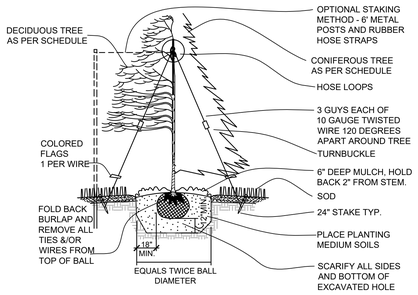
C701

TRUE SHEET SCALE
0" 1/2" 1"



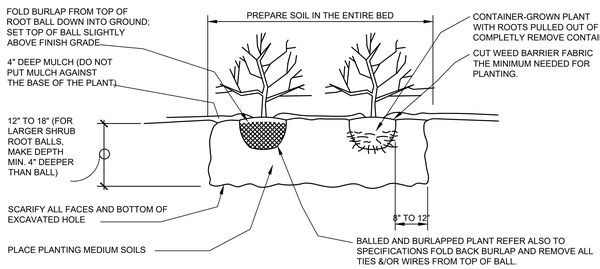

1 C702 TREE PROTECTION DETAIL

NOT TO SCALE




2 C702 TREE PLANTING DETAIL

NOT TO SCALE




NOTES

1. FOR CONTAINER-GROWN SHRUBS, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS THAT CIRCLE THE PERIMETER OF THE CONTAINER.

2. INCORPORATE COMMERCIALLY PREPARED MYCORRHIZA SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATES SPECIFIED BY THE MANUFACTURER.

3. CONFIRM THAT WATER DRAINS OUT OF THE SOIL DURING THE PLACEMENT PHASE; ALTER DRAINAGE SYSTEMS AS REQUIRED.

4. IF PLANTS ARE TO BE PRUNED, BRANCHES SHALL BE PRUNED AT THE BRANCH BARK RIDGE, NOT FLUSH WITH THE BARK.

3 C702 SHRUB PLANTING DETAIL

NOT TO SCALE

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RAMSEY, MN

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

NORTH

0 15 30 60

LANDSCAPE DETAILS

Issue and Revision

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Eric G. Meyer, P.E.

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Job Number: 12216178
Drawn by: KBK
Checked by: EGM

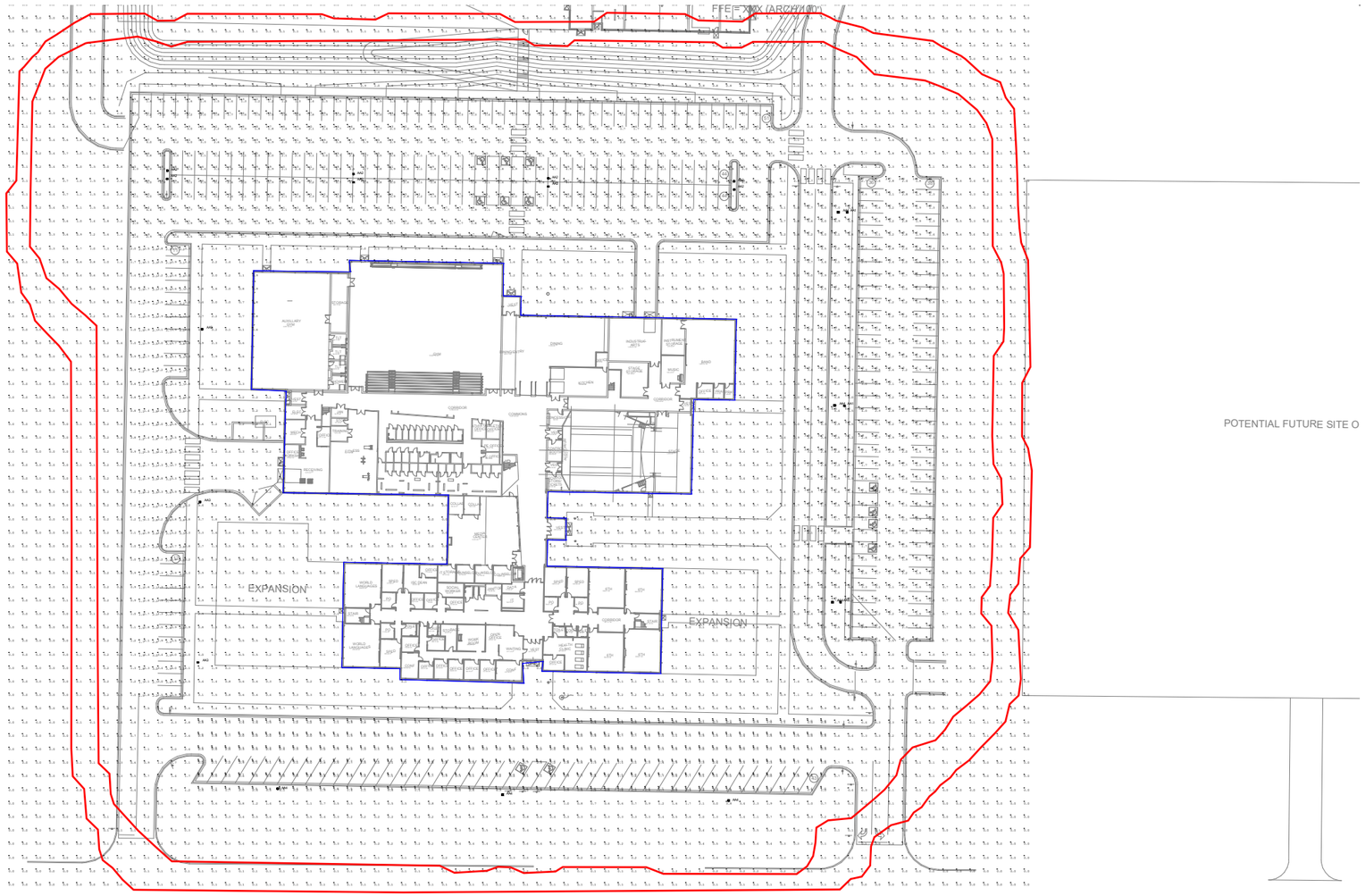
SHEET

C702

TRUE SHEET SCALE
0" 1/2" 1"

# Viewpoint

| Luminaire Schedule | | | | | | |
|---|---|---|---|---|---|---|
| Symbol | Qty | Label | Arrangement | Total Lamp Lumens | LLF | Description |
| | 3 | DSX1_LED_P8_40K_T2M_MVOLT | SINGLE | N.A. | 1.000 | DSX1 LED P8 40K T2M MVOLT |
| | 6 | DSX1_LED_P8_40K_T3M_MVOLT | SINGLE | N.A. | 1.000 | DSX1 LED P8 40K T3M MVOLT |
| | 8 | DSX1_LED_P8_40K_T5M_MVOLT | SINGLE | N.A. | 1.000 | DSX1 LED P8 40K T5M MVOLT |
| | 3 | DSX1_LED_P8_40K_TFTM_MVOLT | SINGLE | N.A. | 1.000 | DSX1 LED P8 40K TFTM MVOLT |




VIEWPOINT: Parking

| Calculation Summary | | | | | | | |
|---|---|---|---|---|---|---|---|
| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| East Lot | Illuminance | Fc | 2.56 | 7.1 | 0.8 | 3.20 | 8.88 |
| FULL | Illuminance | Fc | 1.06 | 7.1 | 0.0 | N.A. | N.A. |
| North Lot | Illuminance | Fc | 2.73 | 5.5 | 1.0 | 2.73 | 5.50 |
| South Lot | Illuminance | Fc | 1.73 | 4.4 | 0.5 | 3.46 | 8.80 |
| West Lot | Illuminance | Fc | 2.48 | 4.2 | 1.1 | 2.25 | 3.82 |

PACT CHARTER SCHOOL
E1.1 SITE PHOTOMETRICS
04-28-2022

## Schedule

| Symbol | Label | Image | QTY | Manufacturer | Catalog | Description | Number Lamps | Lamp Output | LLF | Input Power | Polar Plot |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | | 84 | ALS | SPQ-80050-30DEG | | 1 | 124670 | 0.855 | 800.425 | Max: 220400cd |

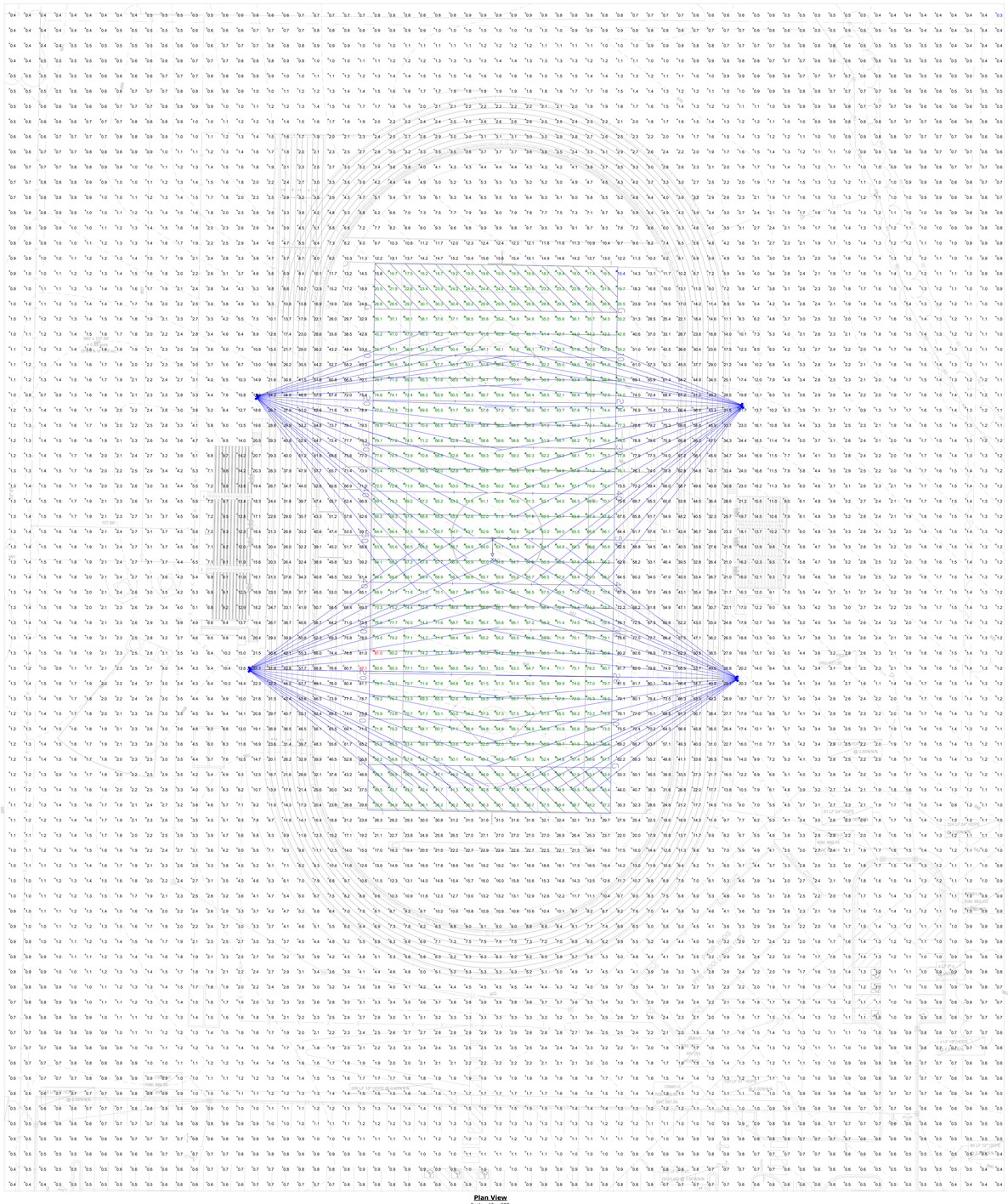
## Statistics

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|---|---|---|---|---|---|---|
| football | X | 58.5 fc | 81.0 fc | 15.4 fc | 5.3:1 | 3.8:1 |
| Total Area @ Grade | + | 14.0 fc | 82.1 fc | 0.3 fc | 273.7:1 | 46.7:1 |

Note:

1. All readings/calculations are shown @ grade.

2. Fixtures are 80' 0" A.F.G and will have glare shields.



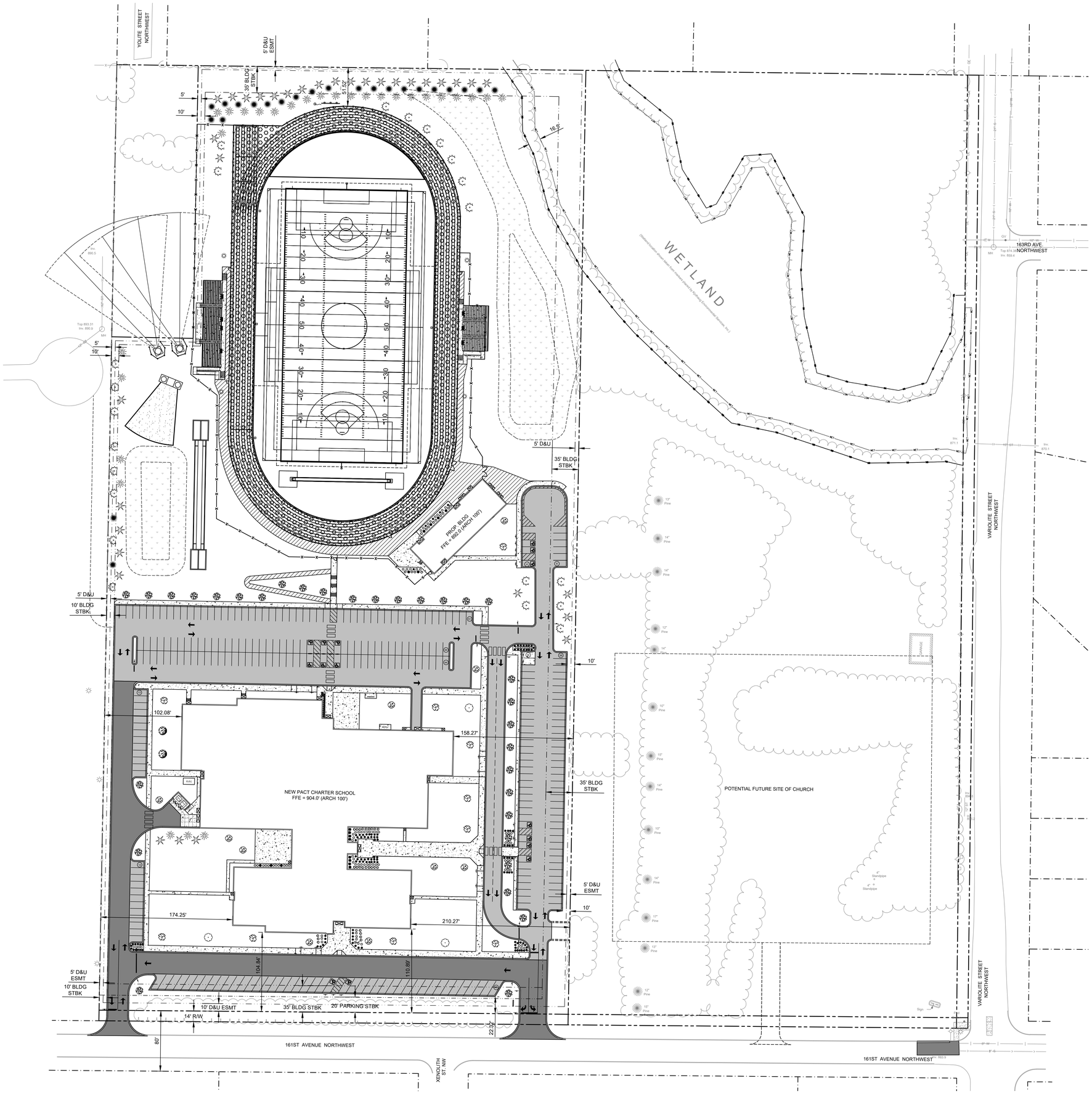
**Plan View**
Scale - 1" = 30ft

PACT CHARTER SCHOOL
E1.2 PLAYING FIELD PHOTOMETRICS
04-28-2022

PACT CHARTER SCHOOL
FOOTBALL FIELD LIGHTING

**Designer**
AM
**Date**
04/04/2022
**Scale**
As Noted
**Drawing No.**

**Summary**




## SITE DATA

| | | |
|---|---|---|
| Original Site Area | = | 18.0 acres |
| Right-of-Way Dedication (14') | = | 0.20 acre |
| Developed Site Area | = | 17.80 acres |
| Park Dedication (5%) | = | 0.89 acre |
| Final Site Area | = | 16.91 acres |

Building Setbacks:
- Front Yard = 35'
- Side Yard: 10' or 35' abutting residential
- Rear Yard = 35'

Parking Setbacks:
- From Right-of-Way = 20'
- From Residential Lot = 35'
- From Park land= 0'.

| | |
|---|---|
| School Building footprint | = 73,275 S.F. |
| Concession Bldg footprint | = 6,209 S.F. |
| Pressbox footprint | = 378 S.F. |
| Total structure coverage | = 79,862 S.F. (10.8% < 35%) |

Parking Tabulation:

| | | |
|---|---|---|
| East Lot (staff) | = | 78 stalls |
| South Lot (staff & visitor) | = | 43 stalls |
| West Lot (student) | = | 25 stalls |
| North Lot (student) | = | 139 stalls |
| Fields Lot | = | 10 stalls |
| Total | = | 295 stalls |

Bus Parking (South lot): 488 ft / 40' bus = 12 buses

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# PACT CHARTER SCHOOL
# RAMSEY, MN

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

## OVERALL PLAN

Issues / of Revisions:

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Eric G. Meyer, P.E.

Date: 04.28.2022 Lic. No.: 44592

| | |
|---|---|
| Submission No: | 12216178 |
| Drawn by: | KBK |
| Checked by: | EGM |

SHEET

C000

TRUE SHEET SCALE
0" 1/2" 1"

# Preliminary Plat of:
# PACT ADDITION

## NOTES

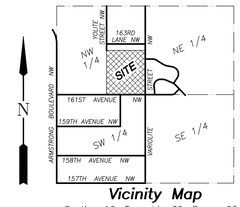
* Bearings shown are based on the Anoka County Coordinate System.
* Utilities shown are from information furnished by the City of Ramsey and respective utility companies in response to Gopher State One Call Ticket No. 220030507 and are verified where possible.
* Contact Gopher State One Call for utility locations before any construction shall begin. Phone 651-454-0002.
* Area = 1,445,639 square feet (33.19 acres).
* Existing Zoning: R-1 MUSA.
* Proposed Zoning for Lot 1, Block 1: Public/Quasi-Public.
* This property is located in Flood Zone X (area determined to be outside the 0.2% annual chance floodplain) per Flood Insurance Rate Map Number 27003C0165E dated December 16, 2015.

## AREAS

Total: 1,512,412 square feet (34.72 acres)
Lot 1, Block 1: 742,439 square feet (17.04 acres)
Outlot A: 357,464 square feet (8.21 acres)
Outlot B: 277,963 square feet (6.38 acres)
Park: 32,953 square feet (0.76 acre)

## UTILITY STATEMENT

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated, although he does certify that they are shown as accurately as possible from information available. The surveyor has not physically located the underground utilities.




**Vicinity Map**
Section 16, Township 32, Range 25
No Scale

## LEGEND

- S — Sanitary Sewer
- ST — Storm Sewer
- W — Watermain
- Hyd. — Hydrant
- GV — Gate Valve
- MH — Manhole
- Inv. — Invert Elevation
- PP — Power Pole
- LP — Light Pole
- E — Electrical Transformer
- C — Communications Pedestal
- EM — Electric Meter
- Concrete Surface
- Bituminous Surface
- Cable Fence

N

0 30 60 120 180
Scale in Feet

## OWNER

The Church of Saint Katharine Drexel
7101 143rd Avenue Northwest
Ramsey, Minnesota 55303
Attention: Father Paul Janoszeski
Email: pjaroszeski@stkdoc.org

## DEVELOPER

PCS Building Company
7250 East Ramsey Parkway Northwest
Ramsey, Minnesota 55303
Attention: Josh Nyquist
Email: jnyquist@pactcharter.org

## ARCHITECT

Pope Architects
1295 Bandana Square
Suite 200
St. Paul, Minnesota 55108
Phone: 651-789-1638
Attention: Raphael Ulster
Email: rlister@popearch.com

## ENGINEER

Larson Engineering
3524 Labore Road
White Bear Lake, MInnesota 55110
Attention: Eric Meyer
Phone: 651-888-8112
Email: emeyer@larsonengr.com

## SURVEYOR

Rehder & Associates, Inc.
3440 Federal Drive
Suite 110
Eagan, Minnesota 55122
Attention: Greg Gentz
Phone: 651-337-6726
Email: ggentz@rehder.com

## PROPERTY DESCRIPTION

**Parcel A:**

That part of the Southeast Quarter of the Northwest Quarter lying East of the West 185 feet of said Southeast Quarter of the Northwest Quarter, Section 16, Township 32, Range 25, Anoka County, Minnesota.

**Parcel B:**

Appurtenant easement for drainage purposes as contained in Drainage Easement Agreement dated July 17, 2006, filed November 18, 2008 as Document Number 496687.003.

Torrens Property

Property ID: 16-32-25-24-0002

I hereby certify that this preliminary plat was prepared by me or under my direction and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota.

Dated this 25th day of April, 2022

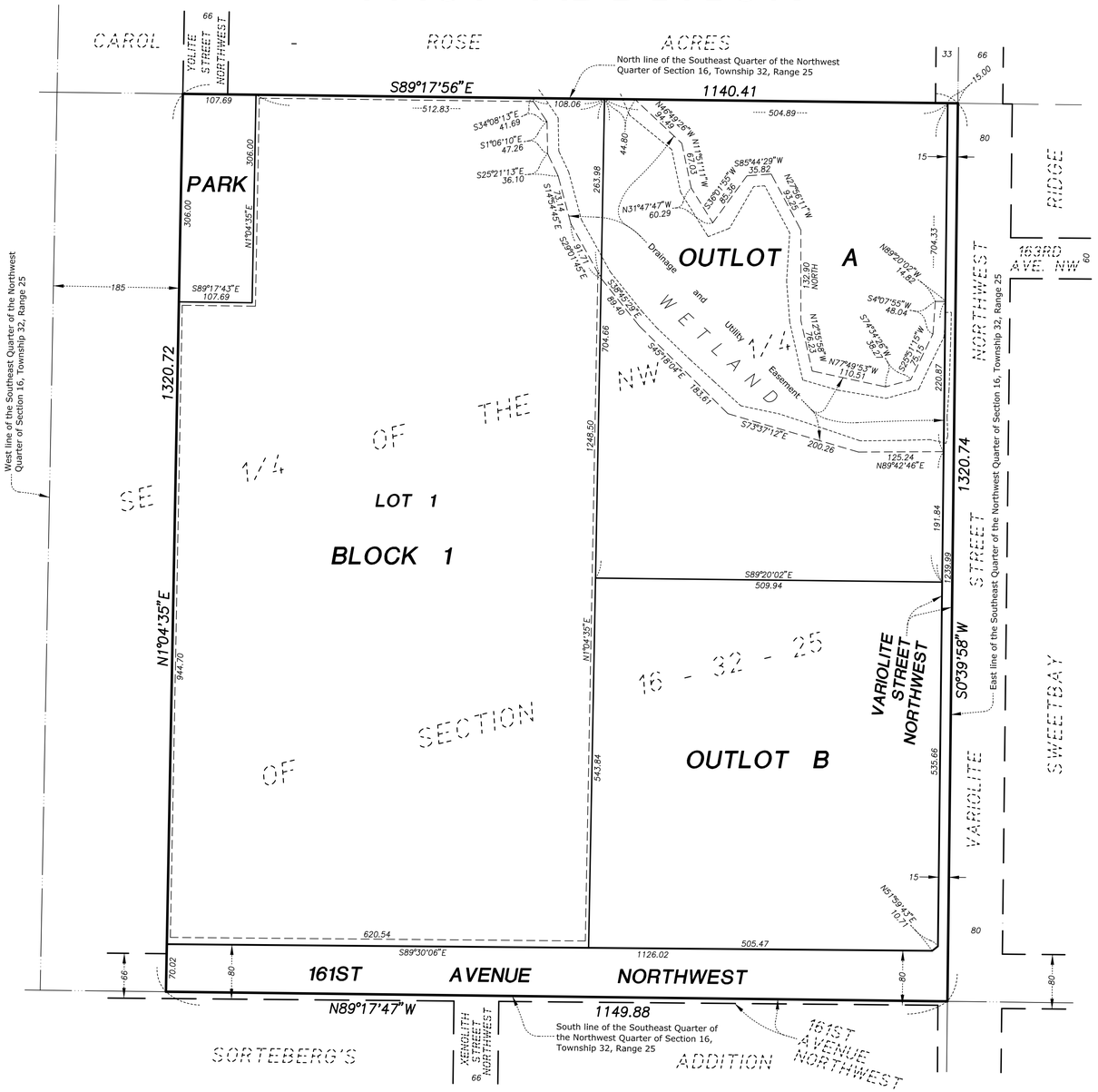
REHDER & ASSOCIATES, INC.

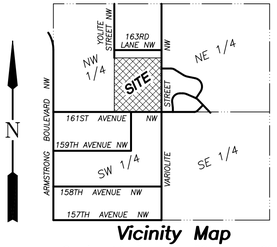
Gary C. Huber, Land Surveyor
Minnesota License No. 22036


Rehder and Associates, Inc.
CIVIL ENGINEERS AND LAND SURVEYORS
3440 Federal Drive • Suite 110 • Eagan, Minnesota • Phone (651) 452-5051


JOB: 224-3291.010

# PACT ADDITION




**Vicinity Map**

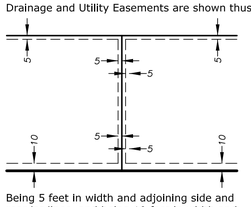
*Section 16, Township 32, Range 25*
*No Scale*

Bearings are based on the East line of the Southeast Quarter of the Northwest Quarter of Section 16, Township 32, Range 25 having a bearing of S0°39'58"W.

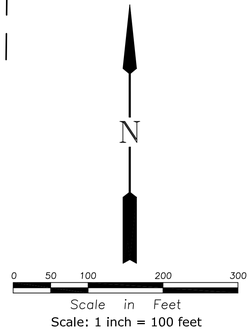
- ● Denotes iron monument found.
- ○ Denotes 1/2 inch by 14 inch iron pipe set and marked by Minnesota License No. 22036.
- ⊗ Denotes PK nail set.

Wetlands shown delineated by Kjolhaug Environmental Services Company, Inc. in January, 2022.

Drainage and Utility Easements are shown thus:




Being 5 feet in width and adjoining side and rear lot lines, and being 10 feet in width and adjoining right of way lines unless otherwise shown.




Scale: 1 inch = 100 feet

## CITY OF RAMSEY
## COUNTY OF ANOKA
## SECTION 16, TOWNSHIP 32, RANGE 25

KNOW ALL PERSONS BY THESE PRESENTS: That The Church of Saint Katharine Drexel, Ramsey, Minnesota, a Minnesota religious corporation, owner of the following described property:

That part of the Southeast Quarter of the Northwest Quarter lying East of the West 185 feet of said Southeast Quarter of the Northwest Quarter, Section 16, Township 32, Range 25, Anoka County, Minnesota.

Has caused the same to be surveyed and platted as PACT ADDITION and does hereby dedicate to the public for public use the public ways and the drainage and utility easements as created by this plat.

In witness whereof said The Church of Saint Katharine Drexel, Ramsey, Minnesota, a Minnesota religious corporation, has caused these presents to be signed by its proper officer this ____ day of _____ , 202__.

THE CHURCH OF SAINT KATHARINE DREXEL, RAMSEY, MINNESOTA

_____
Paul Jaraszeski, Pastor

STATE OF _____
COUNTY OF _____

This instrument was acknowledged before me on _____ , 202__ by Paul Jaraszeski, Pastor of The Church of Saint Katharine Drexel, Ramsey, Minnesota, a Minnesota religious corporation, on behalf of the corporation.

Signature _____

Printed _____

Notary Public, _____ County, _____

My Commission Expires _____

I Gary C. Huber do hereby certify that this plat was prepared by me or under my direct supervision; that I am a duly Licensed Land Surveyor in the State of Minnesota; that this plat is a correct representation of the boundary survey; that all mathematical data and labels are correctly designated on this plat; that all monuments depicted on this plat have been, or will be correctly set within one year; that all water boundaries and wet lands, as defined in Minnesota Statutes, Section 505.01, Subd. 3, as of the date of this certificate are shown and labeled on this plat; and all public ways are shown and labeled on this plat.

Dated this _____ day of _____ , 202__.

_____
Gary C. Huber, Licensed Land Surveyor
Minnesota License No. 22036

STATE OF MINNESOTA
COUNTY OF DAKOTA

This instrument was acknowledged before me on _____ , 202__ , by Gary C. Huber.

Signature _____

Printed _____

Notary Public, _____ County, _____

My Commission Expires _____

CITY COUNCIL, CITY OF RAMSEY, MINNESOTA

This plat of PACT ADDITION was approved and accepted by the City Council of the City of Ramsey, Minnesota at a regular meeting thereof held this _____ day of _____ , 202__ , and said plat is in compliance with the provisions of Minnesota Statutes, Section 505.03, Subd. 2.

City Council, City of Ramsey, Minnesota

By_____ , Mayor By _____ , Clerk

ANOKA COUNTY SURVEYOR

I hereby certify that in accordance with Minnesota Statutes, Section 505.021, Subd. 11, this plat has been reviewed and approved this _____ day of _____ , 202__.

By _____
David M. Zieglmeier
Anoka County Surveyor

ANOKA COUNTY AUDITOR/TREASURER

Pursuant to Minnesota Statutes, Section 505.021, Subd. 9, taxes payable in the year 202__ on the land hereinbefore described have been paid. Also, pursuant to Minnesota Statutes, Section 272.12, there are no delinquent taxes and transfer entered this _____ day of _____ , 202__.

_____
Property Tax Administrator

By_____ , Deputy

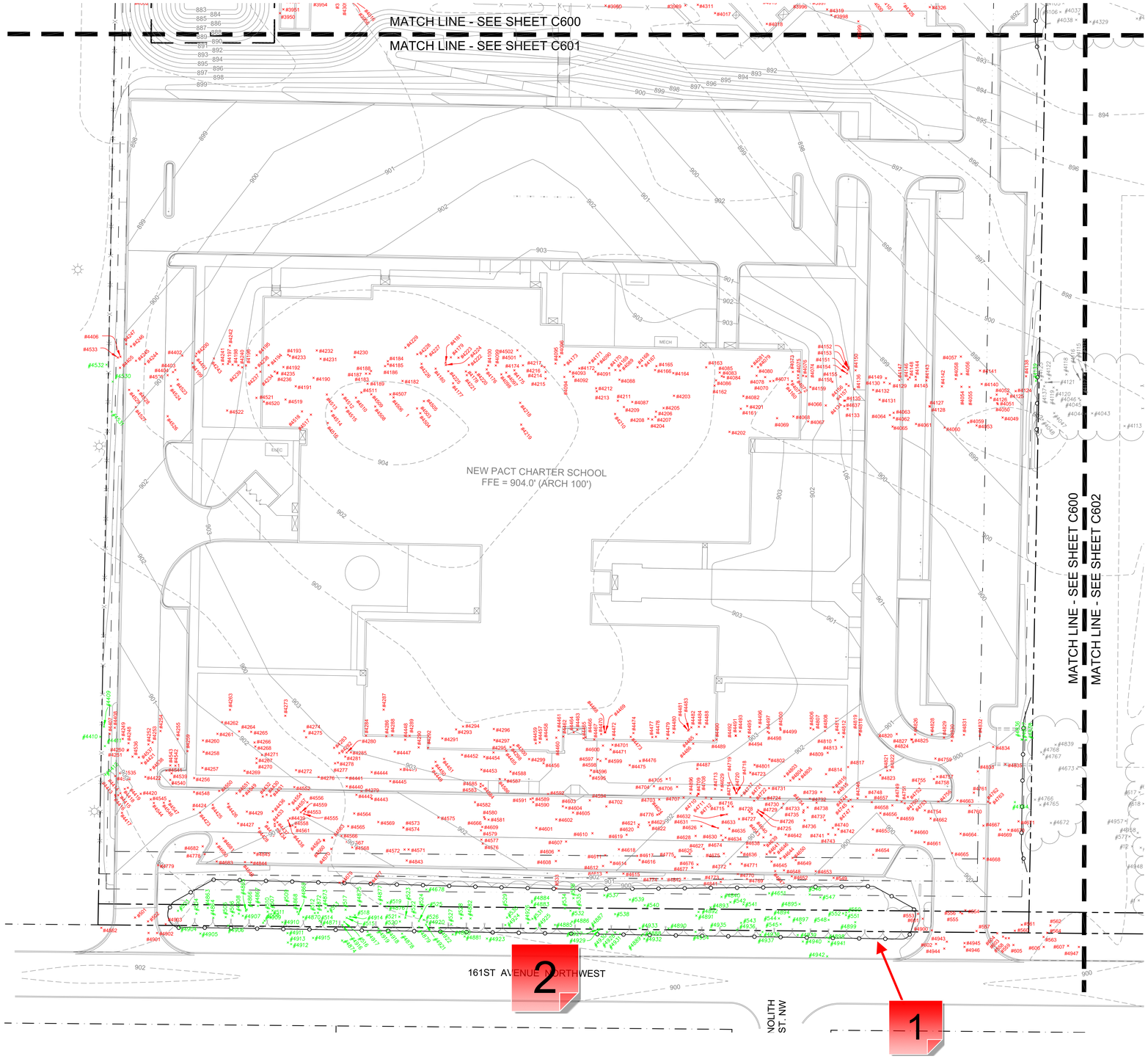
COUNTY RECORDER/ REGISTRAR OF TITLES
County of Anoka, State of Minnesota

I hereby certify that this plat of PACT ADDITION was filed in the office of the County Recorder/Registrar of Titles for public record on this _____ day of _____ , 202__ at ____ o'clock ___.M., and was duly recorded as Document Number _____ .

_____
County Recorder/Registrar of Titles

By_____ , Deputy

Rehder and Associates, Inc.




## LEGEND

- #4613 TREE TO BE REMOVED
- #537 TREE TO BE PRESERVED
- REMOVAL EXEMPTION AREA
- #4048 OFFSITE TREE (FOR REFERENCE)

## TREE PRESERVATION SUMMARY

| | | |
|---|---|---|
| Existing Significant Trees (PACT site) | = | 8,713 inches |
| Total Removed Significant Trees | = | 7,437 inches |
| Exempt Removals (dead / stormwater location) | = | 1,503 inches |
| Existing Non-Exempt Significant Trees | = | 7,210 inches |
| Total Non-Exempt Removals | = | 5,934 inches |
| Significant Trees Preserved | = | 1,276 inches |
| Significant Trees Preserved % = 1,276 / 7,210 | = | 17.7% |
| Reforestation Requirements | | |
| Threshold: 30.0% - 17.7% | = | 12.3% |
| Excess removal 7,210 inches x 12.3% | = | 887 inches |
| Reforestation: 887 inches x 1.25 | = | 1,109 inches |
| (1,109" / 2.5" = > 444 new trees) | | |
| Restitution: 887 inches x $125 | = | $110,875 |

NORTH
0 15 30 60

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

POPE ARCHITECTS
POPE ARCHITECTS, INC.
1295 BANDANA BLVD N, SUITE 200
ST. PAUL, MN 55108-2735
(651) 642-9200 | FAX (651) 642-1101
www.popearch.com

PACT Charter School

Larson Engineering, Inc.
3524 Labore Road
White Bear Lake, MN 55110
651.481.9120 (f) 651.481.9201
www.larsonengr.com
©2022 Larson Engineering, Inc. All rights reserved.

PACT CHARTER SCHOOL
RAMSEY, MN

TREE PRESERVATION PLAN - SOUTH

Issues and Revisions:

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.
Date: 04.28.2022 Lic. No.: 44592

Drawing No: 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C600

TRUE SHEET SCALE
0" 1/2" 1"

C600 - Tree Preservation Plan South.pdf V1 - Changemark Notes ( 2 Notes )

## 1 - Legend

Created by: Chris Anderson
On: 05/09/2022 09:19 AM

Add this symbol and desciption to legend.

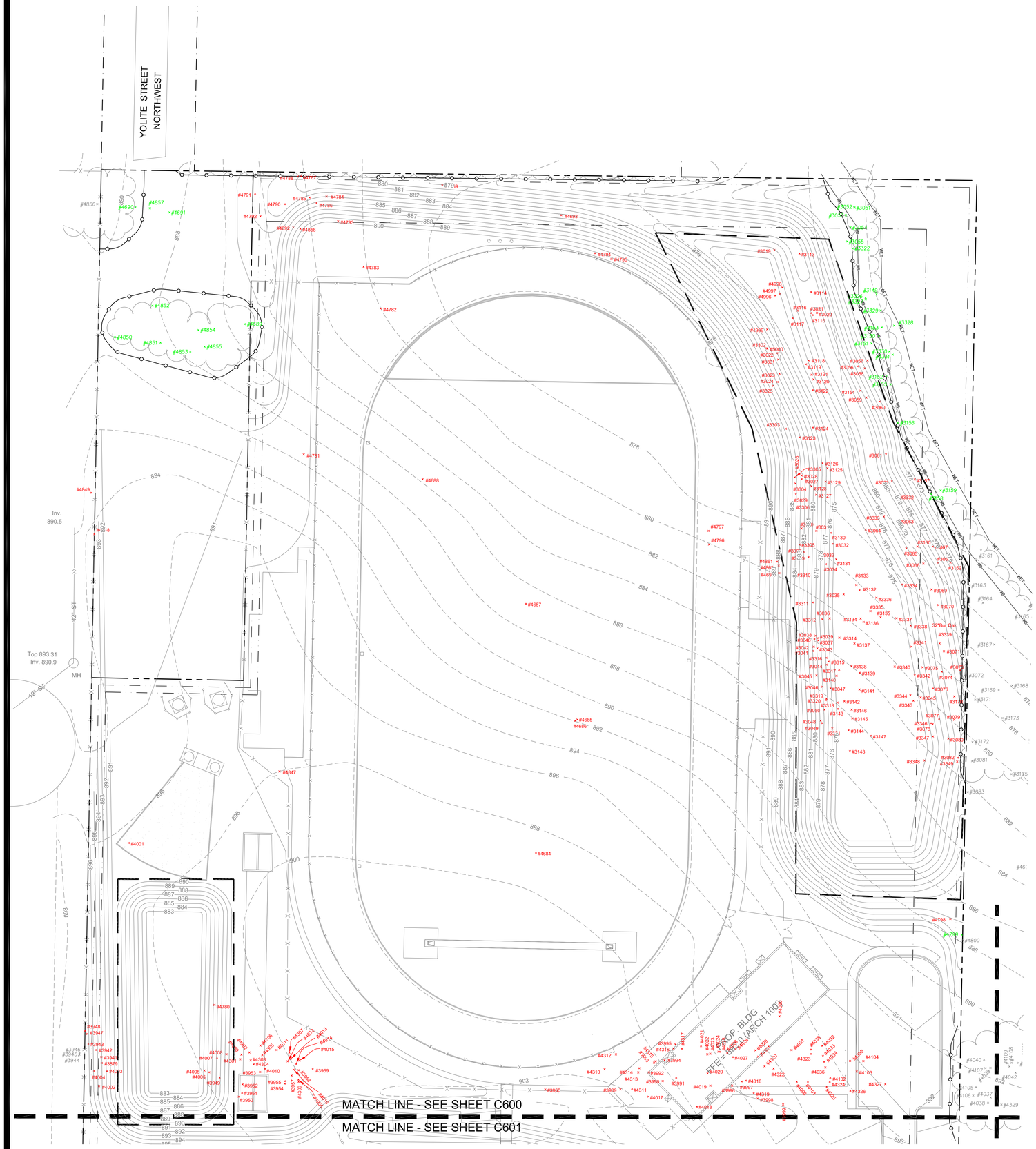
--------- 0 Replies ---------

## 2 - Trail Needed

Created by: Chris Anderson
On: 05/12/2022 01:52 PM

A 10 foot bituminous trail will be required from Variolite Street to Central Park. This trail can be in the right of way, but at least 6-8 feet of separate between road and trail is needed for snow storage purposes. The trail may necessitate additional tree removal; however, they would be exempt from removal calculation per City Code.

--------- 0 Replies ---------




1

## LEGEND

- #4613 TREE TO BE REMOVED
- #537 TREE TO BE PRESERVED
- REMOVAL EXEMPTION AREA
- #4048 OFFSITE TREE (FOR REFERENCE)


POPE ARCHITECTS

POPE ARCHITECTS, INC.
1295 BANDANA BLVD N, SUITE 200
ST. PAUL, MN 55108-2735
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PACT Charter School

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PACT CHARTER SCHOOL
RAMSEY, MN

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

# TREE PRESERVATION PLAN - NORTH

Issued and Revisions:

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.

Date: 04.28.2022 Lic. No.: 44592

Expression No: 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C601

NORTH
0 15 30 60
TRUE SHEET SCALE
0" 1/2" 1"

C601 - Tree Preservation Plan North.pdf V1 - Changemark Notes ( 1 Note )

## 1 - Removal of Oaks

Created by: Chris Anderson
On: 05/12/2022 10:19 AM

Any removal work involving oak trees shall not occur between April 15 and July 15 due to Oak Wilt.

--------- 0 Replies ---------

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4650 | 8 | Jack Pine | Good | 1 | 449485.7045 | 183175.4851 | Y | 8 | | 0 |
| 4651 | 10 | Jack Pine | Good | 1 | 449470.1312 | 183151.8876 | | 0 | | 0 |
| 4652 | 8 | Red Pine | Good | 1 | 449485.1942 | 183158.2645 | Y | 8 | | 0 |
| 4653 | 8 | Jack Pine | Good | 1 | 449501.1454 | 183166.5692 | Y | 8 | | 0 |
| 4654 | 8 | Siberian Elm | Good | 1 | 449539.4681 | 183177.5630 | Y | 8 | | 0 |
| 4655 | 6 | Jack Pine | Good | 1 | 449539.3188 | 183194.4735 | Y | 6 | | 0 |
| 4656 | 10 | Red Cedar | Good | 1 | 449544.3126 | 183205.3442 | Y | 10 | | 0 |
| 4657 | 10 | Jack Pine | Good | 1 | 449538.5514 | 183212.6254 | Y | 10 | | 0 |
| 4658 | 6 | Jack Pine | Good | 1 | 449552.2490 | 183210.4983 | Y | 6 | | 0 |
| 4659 | 10 | Jack Pine | Good | 1 | 449555.8099 | 183202.1379 | Y | 10 | | 0 |
| 4660 | 6 | Jack Pine | Good | 1 | 449555.1771 | 183193.4918 | Y | 6 | | 0 |
| 4661 | 10 | Red Pine | Good | 1 | 449573.6866 | 183185.9685 | Y | 10 | | 0 |
| 4662 | 7 | Jack Pine | Good | 1 | 449577.7711 | 183201.7411 | Y | 7 | | 0 |
| 4663 | 12 | Jack Pine | Good | 1 | 449595.6710 | 183213.7173 | Y | 12 | | 0 |
| 4664 | 8 | Jack Pine | Good | 1 | 449597.7786 | 183191.6134 | Y | 8 | | 0 |
| 4665 | 14 | Jack Pine | Good | 1 | 449592.1273 | 183178.6648 | Y | 14 | | 0 |
| 4666 | 7 | Jack Pine | Good | 1 | 449280.6355 | 183201.4535 | Y | 7 | | 0 |
| 4667 | 14 | Jack Pine | Good | 1 | 449613.0041 | 183197.0017 | Y | 14 | | 0 |
| 4668 | 12 | Black Cherry | Good | 1 | 449613.2577 | 183175.1564 | Y | 12 | | 0 |
| 4669 | 12 | Jack Pine | Good | 1 | 449624.1808 | 183194.3544 | Y | 12 | | 0 |
| 4670 | 5 | Jack Pine | Good | 1 | 449621.6459 | 183194.0820 | Y | 5 | | 0 |
| 4671 | 10 | Jack Pine | Good | 1 | 449636.4017 | 183199.8179 | Y | 10 | | 0 |
| 4674 | 4 | Jack Pine | Good | 1 | 449439.1596 | 183187.3755 | Y | 4 | | 0 |
| 4675 | 6 | Jack Pine | Good | 1 | 449439.9136 | 183176.3785 | Y | 6 | | 0 |
| 4676 | 6 | Jack Pine | Good | 1 | 449422.3354 | 183171.0029 | Y | 6 | | 0 |
| 4677 | 6 | Jack Pine | Good | 1 | 449418.8554 | 183168.3985 | Y | 6 | | 0 |
| 4678 | 16 | Siberian Elm | Good | 1 | 449241.5021 | 183154.3711 | | 0 | | 0 |
| 4679 | 8 | Siberian Elm | Good | 1 | 449183.6655 | 183158.9861 | Y | 8 | | 0 |
| 4680 | 12 | Red Cedar | Good | 1 | 449101.7502 | 183184.9388 | Y | 12 | | 0 |
| 4681 | 6 | Jack Pine | Good | 1 | 449106.2194 | 183188.5513 | Y | 6 | | 0 |
| 4682 | 6 | Jack Pine | Good | 1 | 449092.4083 | 183183.1814 | Y | 6 | | 0 |
| 4683 | 8 | Jack Pine | Good | 1 | 449101.7372 | 183173.0954 | Y | 8 | | 0 |
| 4684 | 16 | Scots Pine | Good | 1 | 449354.4280 | 183911.1683 | Y | 16 | | 0 |
| 4685 | 6 | Red Cedar | Good | 1 | 449383.7428 | 184005.7151 | Y | 6 | | 0 |
| 4686 | 4 | Red Cedar | Good | 1 | 449382.1998 | 184004.8305 | Y | 4 | | 0 |
| 4687 | 4 | Red Cedar | Good | 1 | 449347.3581 | 184087.7398 | Y | 4 | | 0 |
| 4688 | 6 | Red Cedar | Good | 1 | 449274.1729 | 184176.1257 | Y | 6 | | 0 |
| 4689 | 7 | Jack Pine | Good | 1 | 449148.1290 | 184285.9492 | | 0 | | 0 |
| 4690 | 19 | Red Pine | Good | 1 | 449070.6351 | 184368.9195 | | 0 | | 0 |
| 4691 | 12 | Red Pine | Good | 1 | 449094.7722 | 184365.2236 | | 0 | | 0 |
| 4692 | 10 | Black Locust | Good | 2 | 449182.5515 | 184354.5529 | Y | 10 | | 0 |
| 4693 | 10 | Boxelder | Good | 1 | 449372.3103 | 184363.1697 | Y | 10 | | 0 |
| 4694 | 5 | Jack Pine | Good | 1 | 449526.8585 | 184309.4952 | Y | 5 | | 0 |
| 4701 | 5 | Red Pine | Good | 1 | 449355.6417 | 183250.7883 | Y | 5 | | 0 |
| 4702 | 7 | Jack Pine | Good | 1 | 449361.5519 | 183209.7569 | Y | 7 | | 0 |
| 4703 | 6 | Jack Pine | Good | 1 | 449396.8417 | 183214.4581 | Y | 6 | | 0 |
| 4704 | 8 | Jack Pine | Good | 1 | 449393.3032 | 183223.3038 | Y | 8 | | 0 |
| 4705 | 16 | Jack Pine | Good | 1 | 449401.8231 | 183228.1051 | Y | 16 | | 0 |
| 4706 | 7 | Jack Pine | Good | 1 | 449408.7107 | 183222.8552 | Y | 7 | | 0 |
| 4707 | 7 | Jack Pine | Good | 1 | 449413.0852 | 183215.7134 | Y | 7 | | 0 |
| 4708 | 7 | Jack Pine | Good | 1 | 449423.1010 | 183216.1843 | Y | 7 | | 0 |
| 4709 | 5 | Jack Pine | Good | 1 | 449422.7075 | 183218.0715 | Y | 5 | | 0 |
| 4710 | 6 | Jack Pine | Good | 1 | 449422.0894 | 183216.8371 | Y | 6 | | 0 |
| 4711 | 5 | Jack Pine | Good | 1 | 449427.9552 | 183215.6622 | Y | 5 | | 0 |
| 4712 | 5 | Jack Pine | Good | 1 | 449431.5351 | 183215.0024 | Y | 5 | | 0 |
| 4713 | 5 | Jack Pine | Good | 1 | 449434.0568 | 183221.4928 | Y | 5 | | 0 |
| 4714 | 6 | Jack Pine | Good | 1 | 449444.2200 | 183215.3358 | Y | 6 | | 0 |
| 4715 | 6 | Jack Pine | Good | 1 | 449442.8548 | 183209.9300 | Y | 6 | | 0 |
| 4716 | 6 | Jack Pine | Good | 1 | 449445.7858 | 183200.7040 | Y | 6 | | 0 |
| 4717 | 8 | Jack Pine | Good | 1 | 449451.6910 | 183216.9440 | Y | 8 | | 0 |
| 4718 | 4 | Jack Pine | Good | 1 | 449448.4463 | 183218.8625 | Y | 4 | | 0 |
| 4719 | 4 | Jack Pine | Good | 1 | 449448.1497 | 183218.4784 | Y | 4 | | 0 |
| 4720 | 5 | Jack Pine | Good | 1 | 449448.5282 | 183221.5311 | Y | 5 | | 0 |
| 4721 | 6 | Jack Pine | Good | 1 | 449457.5842 | 183215.0890 | Y | 6 | | 0 |
| 4722 | 4 | Jack Pine | Good | 1 | 449460.1152 | 183213.5720 | Y | 4 | | 0 |
| 4723 | 5 | Jack Pine | Good | 1 | 449457.4905 | 183232.3439 | Y | 5 | | 0 |
| 4724 | 10 | Jack Pine | Good | 1 | 449467.1146 | 183214.9248 | Y | 10 | | 0 |
| 4725 | 6 | Jack Pine | Good | 1 | 449462.2269 | 183206.0271 | Y | 6 | | 0 |
| 4726 | 6 | Jack Pine | Good | 1 | 449462.8238 | 183207.3206 | Y | 6 | | 0 |
| 4727 | 4 | Jack Pine | Good | 1 | 449458.7705 | 183204.9134 | Y | 4 | | 0 |
| 4728 | 4 | Jack Pine | Good | 1 | 449457.0584 | 183206.2102 | Y | 4 | | 0 |
| 4729 | 9 | Jack Pine | Good | 1 | 449478.5210 | 183208.8887 | Y | 9 | | 0 |
| 4730 | 7 | Jack Pine | Good | 1 | 449479.5743 | 183211.5788 | Y | 7 | | 0 |
| 4731 | 8 | Jack Pine | Good | 1 | 449470.0607 | 183221.9397 | Y | 8 | | 0 |
| 4732 | 8 | Jack Pine | Good | 1 | 449497.2834 | 183214.9767 | Y | 8 | | 0 |
| 4733 | 6 | Jack Pine | Good | 1 | 449493.1611 | 183207.2051 | Y | 6 | | 0 |
| 4734 | 10 | Jack Pine | Good | 1 | 449495.8051 | 183209.1354 | Y | 10 | | 0 |
| 4735 | 4 | Jack Pine | Dead | 1 | 449492.8618 | 183205.7926 | Y | 4 | Y | 4 |
| 4736 | 6 | Jack Pine | Good | 1 | 449493.6977 | 183200.5519 | Y | 6 | | 0 |
| 4737 | 4 | Jack Pine | Good | 1 | 449507.2090 | 183200.6399 | Y | 4 | | 0 |
| 4738 | 8 | Jack Pine | Good | 1 | 449501.7120 | 183212.3015 | Y | 8 | | 0 |
| 4739 | 11 | Jack Pine | Good | 1 | 449504.8234 | 183219.3793 | Y | 11 | | 0 |
| 4740 | 5 | Jack Pine | Good | 1 | 449512.5662 | 183195.4814 | Y | 5 | | 0 |
| 4741 | 7 | Jack Pine | Good | 1 | 449509.5087 | 183191.3504 | Y | 7 | | 0 |
| 4742 | 7 | Jack Pine | Good | 1 | 449516.2773 | 183194.6018 | Y | 7 | | 0 |
| 4743 | 8 | Jack Pine | Good | 1 | 449514.2309 | 183190.8994 | Y | 8 | | 0 |
| 4744 | 6 | Jack Pine | Good | 1 | 449534.4610 | 183214.2304 | Y | 6 | | 0 |
| 4745 | 5 | Jack Pine | Good | 1 | 449522.9843 | 183213.4127 | Y | 5 | | 0 |
| 4746 | 6 | Jack Pine | Good | 1 | 449529.0396 | 183215.1934 | Y | 6 | | 0 |
| 4747 | 6 | Jack Pine | Good | 1 | 449525.6517 | 183209.6874 | Y | 6 | | 0 |
| 4748 | 6 | Jack Pine | Good | 1 | 449534.0593 | 183216.2022 | Y | 6 | | 0 |
| 4749 | 4 | Red Pine | Good | 1 | 449555.2478 | 183214.0641 | Y | 4 | | 0 |
| 4750 | 5 | Jack Pine | Good | 1 | 449550.5353 | 183211.8659 | Y | 5 | | 0 |
| 4751 | 4 | Jack Pine | Good | 1 | 449558.4163 | 183212.9726 | Y | 4 | | 0 |
| 4752 | 6 | Jack Pine | Good | 1 | 449552.6215 | 183216.0829 | Y | 6 | | 0 |
| 4753 | 5 | Jack Pine | Good | 1 | 449505.9922 | 183207.9618 | Y | 5 | | 0 |
| 4754 | 8 | Jack Pine | Good | 1 | 449573.9477 | 183207.1141 | Y | 8 | | 0 |
| 4755 | 4 | Jack Pine | Good | 1 | 449570.3856 | 183225.0515 | Y | 4 | | 0 |
| 4756 | 7 | Jack Pine | Good | 1 | 449582.9185 | 183212.9952 | Y | 7 | | 0 |
| 4757 | 18 | Jack Pine | Fair | 1 | 449582.1938 | 183229.5988 | Y | 18 | | 0 |
| 4758 | 15 | Jack Pine | Fair | 1 | 449579.9675 | 183228.0475 | Y | 15 | | 0 |
| 4759 | 15 | Jack Pine | Good | 1 | 449580.9847 | 183241.7019 | Y | 15 | | 0 |
| 4760 | 5 | Jack Pine | Good | 1 | 449603.8627 | 183210.4155 | Y | 5 | | 0 |
| 4761 | 8 | Jack Pine | Good | 1 | 449606.6602 | 183218.9001 | Y | 8 | | 0 |
| 4762 | 7 | Jack Pine | Good | 1 | 449616.0107 | 183212.9456 | Y | 7 | | 0 |
| 4763 | 10 | Jack Pine | Good | 1 | 449617.4268 | 183211.9723 | Y | 10 | | 0 |
| 4764 | 10 | Jack Pine | Good | 1 | 449633.9770 | 183212.6415 | | 0 | | 0 |
| 4769 | 7 | Jack Pine | Good | 1 | 449455.3318 | 183161.3700 | Y | 7 | | 0 |
| 4770 | 7 | Jack Pine | Good | 1 | 449449.2598 | 183164.7271 | Y | 7 | | 0 |
| 4771 | 6 | Jack Pine | Good | 1 | 449451.9183 | 183171.5146 | Y | 6 | | 0 |
| 4772 | 7 | Jack Pine | Good | 1 | 449444.1782 | 183171.4234 | Y | 7 | | 0 |
| 4773 | 7 | Jack Pine | Good | 1 | 449435.2981 | 183161.5697 | Y | 7 | | 0 |
| 4774 | 7 | Jack Pine | Good | 1 | 449398.6640 | 183161.6209 | Y | 7 | | 0 |
| 4775 | 8 | Jack Pine | Good | 1 | 449407.2118 | 183176.0267 | Y | 8 | | 0 |
| 4776 | 5 | Red Pine | Good | 1 | 449395.4897 | 183204.2502 | Y | 5 | | 0 |
| 4777 | 8 | Red Pine | Good | 1 | 449204.1828 | 183158.8327 | Y | 8 | | 0 |
| 4778 | 11 | Jack Pine | Good | 1 | 449093.7193 | 183178.0242 | Y | 11 | | 0 |
| 4779 | 9 | Red Cedar | Good | 1 | 449062.6749 | 183170.5701 | Y | 9 | | 0 |
| 4780 | 7 | Red Cedar | Good | 1 | 449126.5943 | 183803.4187 | Y | 7 | Y | 7 |
| 4781 | 9 | Red Cedar | Good | 2 | 449189.8996 | 184193.6143 | Y | 9 | | 0 |
| 4782 | 14 | Jack Pine | Good | 3 | 449244.4422 | 184296.9725 | Y | 14 | | 0 |
| 4783 | 11 | Jack Pine | Good | 2 | 449232.3246 | 184326.5497 | Y | 11 | | 0 |
| 4784 | 10 | Red Cedar | Good | 1 | 449206.0447 | 184376.4159 | Y | 10 | | 0 |
| 4785 | 6 | Jack Pine | Good | 1 | 449194.1276 | 184375.6536 | Y | 6 | | 0 |
| 4786 | 4 | Red Cedar | Good | 1 | 449198.9401 | 184371.8813 | Y | 4 | | 0 |
| 4787 | 10 | Jack Pine | Good | 1 | 449188.0419 | 184390.9023 | Y | 10 | | 0 |
| 4788 | 9 | Jack Pine | Good | 1 | 449185.7384 | 184390.6415 | Y | 9 | | 0 |
| 4790 | 5 | Red Cedar | Good | 1 | 449176.6549 | 184371.0021 | Y | 5 | | 0 |
| 4791 | 12 | Jack Pine | Dead | 1 | 449155.4404 | 184378.3854 | Y | 12 | Y | 12 |
| 4792 | 14 | Black Locust | Good | 2 | 449159.2023 | 184362.4542 | Y | 14 | | 0 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4793 | 12 | Black Locust | Good | 3 | 449214.2649 | 184268.8269 | Y | 12 | | 0 |
| 4794 | 6 | Jack Pine | Good | 1 | 449396.2787 | 184336.1960 | Y | 6 | | 0 |
| 4795 | 5 | Jack Pine | Good | 1 | 449407.9642 | 184332.1082 | Y | 5 | | 0 |
| 4796 | 10 | Jack Pine | Good | 1 | 449477.1304 | 184129.7562 | Y | 10 | | 0 |
| 4797 | 14 | Jack Pine | Good | 2 | 449476.8109 | 184139.4238 | Y | 14 | | 0 |
| 4798 | 8 | Red Cedar | Good | 4 | 449648.1202 | 183864.4323 | Y | 8 | | 0 |
| 4799 | 5 | Jack Pine | Good | 1 | 449656.2176 | 183853.0463 | | 0 | | 0 |
| 4801 | 23 | Jack Pine | Good | 1 | 449460.4023 | 183237.4457 | Y | 23 | | 0 |
| 4802 | 13 | Jack Pine | Good | 1 | 449470.3179 | 183241.2557 | Y | 13 | | 0 |
| 4803 | 13 | Jack Pine | Good | 1 | 449480.4851 | 183229.8666 | Y | 13 | | 0 |
| 4804 | 12 | Jack Pine | Good | 1 | 449484.2649 | 183227.0734 | Y | 12 | | 0 |
| 4805 | 14 | Jack Pine | Good | 1 | 449490.3317 | 183227.8729 | Y | 14 | | 0 |
| 4806 | 8 | Jack Pine | Good | 1 | 449497.7306 | 183261.9914 | Y | 8 | | 0 |
| 4807 | 5 | Jack Pine | Good | 1 | 449499.5768 | 183261.1454 | Y | 5 | | 0 |
| 4808 | 6 | Jack Pine | Good | 1 | 449507.3968 | 183260.1272 | Y | 6 | | 0 |
| 4809 | 5 | Jack Pine | Good | 1 | 449509.1437 | 183245.5444 | Y | 5 | | 0 |
| 4810 | 5 | Jack Pine | Good | 1 | 449514.2011 | 183253.9655 | Y | 5 | | 0 |
| 4811 | 5 | Jack Pine | Good | 1 | 449516.4797 | 183258.5715 | Y | 5 | | 0 |
| 4812 | 8 | Jack Pine | Good | 1 | 449519.5953 | 183256.1293 | Y | 8 | | 0 |
| 4813 | 4 | Red Cedar | Good | 1 | 449518.3561 | 183249.3474 | Y | 4 | | 0 |
| 4814 | 4 | Jack Pine | Good | 1 | 449508.0699 | 183231.3049 | Y | 4 | | 0 |
| 4815 | 5 | Jack Pine | Good | 1 | 449513.6926 | 183239.3792 | Y | 5 | | 0 |
| 4816 | 4 | Jack Pine | Good | 1 | 449517.8527 | 183222.5353 | Y | 4 | | 0 |
| 4817 | 16 | Jack Pine | Good | 1 | 449522.7392 | 183236.0425 | Y | 16 | | 0 |
| 4818 | 4 | Jack Pine | Good | 1 | 449530.5763 | 183257.3488 | Y | 4 | | 0 |
| 4819 | 8 | Jack Pine | Good | 1 | 449530.3787 | 183258.1662 | Y | 8 | | 0 |
| 4820 | 5 | Jack Pine | Good | 1 | 449555.1797 | 183258.0309 | Y | 5 | | 0 |
| 4821 | 7 | Jack Pine | Dead | 1 | 449548.8399 | 183233.6540 | Y | 7 | Y | 7 |
| 4822 | 15 | Jack Pine | Dead | 1 | 449550.9049 | 183233.8957 | Y | 15 | Y | 15 |
| 4823 | 17 | Jack Pine | Good | 1 | 449544.2257 | 183230.6321 | Y | 17 | | 0 |
| 4824 | 5 | Red Pine | Good | 1 | 449566.0452 | 183252.5455 | Y | 5 | | 0 |
| 4825 | 5 | Jack Pine | Good | 1 | 449565.4570 | 183254.2079 | Y | 5 | | 0 |
| 4826 | 5 | Jack Pine | Good | 1 | 449567.4124 | 183257.7640 | Y | 5 | | 0 |
| 4827 | 5 | Jack Pine | Good | 1 | 449564.8608 | 183254.4238 | Y | 5 | | 0 |
| 4828 | 5 | Jack Pine | Good | 1 | 449578.5790 | 183257.7598 | Y | 5 | | 0 |
| 4829 | 7 | Jack Pine | Good | 1 | 449586.6988 | 183255.6539 | Y | 7 | | 0 |
| 4830 | 14 | Jack Pine | Good | 1 | 449591.9118 | 183253.5337 | Y | 14 | | 0 |
| 4831 | 7 | Jack Pine | Good | 1 | 449600.0037 | 183257.5274 | Y | 7 | | 0 |
| 4832 | 9 | Quaking Aspen | Good | 1 | 449610.5522 | 183256.8429 | Y | 9 | | 0 |
| 4833 | 18 | Jack Pine | Good | 1 | 449609.2643 | 183233.1351 | Y | 18 | | 0 |
| 4834 | 7 | Jack Pine | Good | 1 | 449610.5171 | 183249.4409 | Y | 7 | | 0 |
| 4835 | 12 | Jack Pine | Poor | 1 | 449627.5775 | 183237.8672 | Y | 12 | | 0 |
| 4836 | 5 | Jack Pine | Poor | 1 | 449638.4323 | 183254.4380 | | 0 | | 0 |
| 4837 | 5 | Jack Pine | Poor | 1 | 449639.0178 | 183254.1842 | | 0 | | 0 |
| 4838 | 4 | Jack Pine | Good | 1 | 449641.4948 | 183254.1013 | | 0 | | 0 |
| 4840 | 9 | Jack Pine | Good | 1 | 449438.3625 | 183149.4995 | | 0 | | 0 |
| 4841 | 8 | Jack Pine | Good | 1 | 449437.8657 | 183159.5308 | Y | 8 | | 0 |
| 4842 | 7 | Jack Pine | Good | 1 | 449413.9003 | 183161.8237 | Y | 7 | | 0 |
| 4843 | 8 | Red Cedar | Good | 1 | 449228.4553 | 183173.7447 | Y | 8 | | 0 |
| 4844 | 9 | Jack Pine | Good | 1 | 449124.9030 | 183172.5185 | Y | 9 | | 0 |
| 4845 | 7 | Jack Pine | Fair | 1 | 449127.0028 | 183178.7148 | Y | 7 | | 0 |
| 4846 | 7 | Red Cedar | Good | 1 | 449120.6262 | 183172.6876 | Y | 7 | | 0 |
| 4847 | 10 | Red Cedar | Good | 2 | 449172.6840 | 183968.9720 | Y | 10 | | 0 |
| 4848 | 10 | Red Cedar | Good | 1 | 449041.4934 | 184137.1351 | Y | 10 | | 0 |
| 4849 | 7 | Red Cedar | Good | 1 | 449039.2954 | 184166.4736 | Y | 7 | | 0 |
| 4850 | 6 | Red Cedar | Good | 1 | 449055.9538 | 184276.6873 | | 0 | | 0 |
| 4851 | 5 | Red Cedar | Good | 1 | 449088.4057 | 184272.8046 | | 0 | | 0 |
| 4852 | 23 | Red Cedar | Good | 15 | 449082.6352 | 184299.0032 | | 0 | | 0 |
| 4853 | 10 | Jack Pine | Good | 1 | 449109.5064 | 184266.2903 | | 0 | | 0 |
| 4854 | 9 | Red Pine | Good | 1 | 449115.1991 | 184281.7852 | | 0 | | 0 |
| 4855 | 12 | Jack Pine | Good | 3 | 449119.6811 | 184269.9042 | | 0 | | 0 |
| 4857 | 19 | Red Pine | Good | 1 | 449080.8865 | 184368.1044 | | 0 | | 0 |
| 4858 | 8 | Black Locust | Good | 2 | 449167.5581 | 184353.4897 | Y | 8 | | 0 |
| 4859 | 8 | Sugar Maple | Good | 1 | 449288.0681 | 184384.5604 | Y | 8 | | 0 |
| 4860 | 6 | Jack Pine | Poor | 1 | 449520.4138 | 184134.3868 | Y | 6 | | 0 |
| 4861 | 7 | Jack Pine | Good | 1 | 449525.3823 | 184137.6035 | Y | 7 | | 0 |
| 4862 | 16 | Jack Pine | Good | 1 | 449024.8278 | 183128.9154 | Y | 16 | | 0 |
| 4863 | 6 | Red Pine | Good | 1 | 449095.8514 | 183142.1435 | | 0 | | 0 |
| 4864 | 6 | Red Cedar | Good | 1 | 449099.4958 | 183135.5707 | | 0 | | 0 |
| 4865 | 4 | Jack Pine | Good | 1 | 449121.2497 | 183140.1331 | | 0 | | 0 |
| 4866 | 5 | Jack Pine | Good | 1 | 449121.8564 | 183140.9895 | | 0 | | 0 |
| 4867 | 8 | Red Pine | Good | 1 | 449129.2542 | 183143.4890 | | 0 | | 0 |
| 4868 | 7 | Red Pine | Good | 1 | 449155.5626 | 183139.5054 | | 0 | | 0 |
| 4869 | 7 | Red Pine | Good | 1 | 449156.3476 | 183137.9803 | | 0 | | 0 |
| 4870 | 4 | Red Pine | Good | 1 | 449159.5013 | 183136.0341 | | 0 | | 0 |
| 4871 | 8 | Jack Pine | Good | 1 | 449171.2615 | 183132.0233 | | 0 | | 0 |
| 4872 | 4 | Red Pine | Good | 1 | 449169.7653 | 183138.8932 | | 0 | | 0 |
| 4873 | 7 | Red Pine | Good | 1 | 449174.3093 | 183142.1406 | | 0 | | 0 |
| 4874 | 4 | Red Pine | Good | 1 | 449185.3765 | 183120.3929 | | 0 | | 0 |
| 4875 | 4 | Red Pine | Good | 1 | 449197.1201 | 183144.1420 | | 0 | | 0 |
| 4876 | 6 | Red Pine | Good | 1 | 449215.2864 | 183143.2117 | | 0 | | 0 |
| 4877 | 8 | Red Pine | Good | 1 | 449210.9908 | 183144.9655 | | 0 | | 0 |
| 4878 | 16 | Red Pine | Good | 1 | 449225.3341 | 183124.9914 | | 0 | | 0 |
| 4879 | 15 | Red Pine | Good | 1 | 449236.7266 | 183129.4631 | | 0 | | 0 |
| 4880 | 5 | Jack Pine | Good | 1 | 449259.1352 | 183124.4720 | | 0 | | 0 |
| 4881 | 4 | Jack Pine | Good | 1 | 449267.0699 | 183123.0851 | | 0 | | 0 |
| 4882 | 13 | Red Cedar | Good | 1 | 449270.9527 | 183135.1266 | | 0 | | 0 |
| 4883 | 4 | Red Pine | Good | 1 | 449311.8913 | 183145.7177 | | 0 | | 0 |
| 4884 | 5 | Jack Pine | Good | 1 | 449312.0313 | 183146.8527 | | 0 | | 0 |
| 4885 | 8 | Red Pine | Good | 1 | 449327.2897 | 183130.8307 | | 0 | | 0 |
| 4886 | 10 | Red Pine | Good | 1 | 449338.6800 | 183133.0235 | | 0 | | 0 |
| 4887 | 14 | Red Pine | Good | 1 | 449350.7610 | 183128.8244 | | 0 | | 0 |
| 4888 | 14 | Red Pine | Good | 1 | 449386.0213 | 183124.6148 | | 0 | | 0 |
| 4889 | 9 | Red Pine | Good | 1 | 449384.9879 | 183123.5928 | | 0 | | 0 |
| 4890 | 4 | Red Cedar | Good | 1 | 449402.9971 | 183128.4758 | | 0 | | 0 |
| 4891 | 7 | Red Pine | Good | 1 | 449421.5316 | 183137.0057 | | 0 | | 0 |
| 4892 | 7 | Jack Pine | Good | 1 | 449423.0020 | 183139.4219 | | 0 | | 0 |
| 4893 | 5 | Jack Pine | Good | 1 | 449431.0538 | 183142.5162 | | 0 | | 0 |
| 4894 | 5 | Jack Pine | Good | 1 | 449483.5606 | 183136.0799 | | 0 | | 0 |
| 4895 | 8 | Jack Pine | Good | 1 | 449490.3673 | 183144.6926 | | 0 | | 0 |
| 4896 | 5 | Jack Pine | Good | 1 | 449417.6745 | 183218.4314 | Y | 5 | | 0 |
| 4897 | 5 | Jack Pine | Good | 1 | 449491.0485 | 183131.5945 | | 0 | | 0 |
| 4898 | 29 | Red Pine | Good | 3 | 449508.4722 | 183122.4727 | | 0 | | 0 |
| 4899 | 9 | Jack Pine | Good | 1 | 449527.5345 | 183132.6626 | | 0 | | 0 |
| 4900 | 5 | Red Pine | Good | 1 | 449578.5894 | 183127.2082 | Y | 5 | | 0 |
| 4901 | 19 | Red Pine | Good | 1 | 449056.3226 | 183125.4793 | Y | 19 | | 0 |
| 4902 | 16 | Red Pine | Good | 1 | 449062.0170 | 183125.4331 | Y | 16 | | 0 |
| 4903 | 8 | Red Pine | Good | 1 | 449067.7453 | 183131.3320 | Y | 8 | | 0 |
| 4904 | 14 | Red Pine | Good | 1 | 449077.0540 | 183129.1438 | | 0 | | 0 |
| 4905 | 14 | Red Pine | Good | 1 | 449090.8384 | 183125.0969 | | 0 | | 0 |
| 4906 | 18 | Red Pine | Good | 1 | 449109.4656 | 183130.3706 | | 0 | | 0 |
| 4907 | 4 | Red Pine | Good | 1 | 449110.1842 | 183136.8726 | | 0 | | 0 |
| 4908 | 4 | Red Pine | Good | 1 | 449116.5488 | 183138.3131 | | 0 | | 0 |
| 4909 | 6 | Jack Pine | Good | 1 | 449132.6920 | 183132.2172 | | 0 | | 0 |
| 4910 | 4 | Jack Pine | Good | 1 | 449145.5366 | 183132.5745 | | 0 | | 0 |
| 4911 | 4 | Jack Pine | Good | 1 | 449148.9550 | 183125.3329 | | 0 | | 0 |
| 4912 | 4 | Jack Pine | Good | 1 | 449151.3991 | 183118.0235 | | 0 | | 0 |
| 4913 | 4 | Jack Pine | Good | 1 | 449149.2152 | 183119.0739 | | 0 | | 0 |
| 4914 | 4 | Jack Pine | Good | 1 | 449150.7242 | 183136.2466 | | 0 | | 0 |
| 4915 | 18 | Red Pine | Good | 1 | 449166.0362 | 183122.1508 | | 0 | | 0 |
| 4916 | 5 | Jack Pine | Good | 1 | 449185.5195 | 183130.6708 | | 0 | | 0 |
| 4917 | 16 | Red Pine | Good | 1 | 449202.3889 | 183126.1751 | | 0 | | 0 |
| 4918 | 15 | Red Pine | Good | 1 | 449215.5032 | 183127.5816 | | 0 | | 0 |
| 4919 | 4 | Red Oak | Good | 1 | 449209.5434 | 183128.2221 | | 0 | | 0 |
| 4920 | 6 | Jack Pine | Good | 1 | 449241.9438 | 183132.7183 | | 0 | | 0 |
| 4921 | 4 | Red Pine | Good | 1 | 449241.2579 | 183130.9921 | | 0 | | 0 |
| 4922 | 5 | Jack Pine | Good | 1 | 449250.1306 | 183128.7598 | | 0 | | 0 |
| 4923 | 18 | Red Pine | Good | 1 | 449281.9486 | 183121.6931 | | 0 | | 0 |
| 4924 | 22 | Red Pine | Good | 1 | 449294.2206 | 183130.7440 | | 0 | | 0 |
| 4925 | 18 | Red Pine | Good | 1 | 449314.7775 | 183128.5271 | | 0 | | 0 |
| 4926 | 17 | Red Pine | Good | 1 | 449309.3726 | 183137.9988 | | 0 | | 0 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4927 | 9 | Red Cedar | Good | 1 | 449356.3219 | 183127.8404 | | 0 | | 0 |
| 4928 | 11 | Red Pine | Good | 1 | 449367.4642 | 183125.8386 | | 0 | | 0 |
| 4929 | 0 | Red Pine | Good | 1 | 449356.9248 | 183127.6195 | | 0 | | 0 |
| 4930 | 14 | Red Pine | Good | 1 | 449361.9281 | 183126.0361 | | 0 | | 0 |
| 4931 | 12 | Red Pine | Good | 1 | 449370.7413 | 183124.8833 | | 0 | | 0 |
| 4932 | 14 | Red Pine | Good | 1 | 449386.8463 | 183121.5898 | | 0 | | 0 |
| 4933 | 4 | Red Pine | Good | 1 | 449383.8439 | 183128.5794 | | 0 | | 0 |
| 4934 | 18 | Red Pine | Good | 1 | 449421.0464 | 183126.1912 | | 0 | | 0 |
| 4935 | 18 | Jack Pine | Good | 1 | 449431.2321 | 183127.5381 | | 0 | | 0 |
| 4936 | 12 | Jack Pine | Good | 1 | 449448.7321 | 183127.5814 | | 0 | | 0 |
| 4937 | 6 | Red Oak | Good | 1 | 449464.2731 | 183124.2684 | | 0 | | 0 |
| 4938 | 8 | Jack Pine | Good | 1 | 449465.6831 | 183126.1357 | | 0 | | 0 |
| 4939 | 4 | Jack Pine | Good | 1 | 449489.1889 | 183124.0588 | | 0 | | 0 |
| 4940 | 4 | Red Oak | Good | 1 | 449492.5841 | 183119.7201 | | 0 | | 0 |
| 4941 | 20 | Red Pine | Good | 1 | 449509.8087 | 183119.6657 | | 0 | | 0 |
| 4942 | 18 | Red Pine | Good | 1 | 449508.7979 | 183109.8578 | | 0 | | 0 |
| 4943 | 5 | Red Pine | Good | 1 | 449588.5883 | 183119.6362 | Y | 5 | | 0 |
| 4944 | 18 | Red Pine | Good | 1 | 449586.8850 | 183115.0328 | Y | 18 | | 0 |
| 4945 | 6 | Red Pine | Good | 1 | 449600.4076 | 183118.7082 | Y | 6 | | 0 |
| 4946 | 4 | Red Pine | Good | 1 | 449601.3388 | 183116.1792 | Y | 4 | | 0 |
| 4947 | 18 | Red Pine | Good | 1 | 449676.6592 | 183116.1252 | Y | 18 | | 0 |
| 4956 | 8 | Black Cherry | Good | 1 | 449523.9550 | 184306.1742 | Y | 8 | Y | 8 |
| 4997 | 4 | Jack Pine | Good | 1 | 449527.3503 | 184307.3294 | Y | 4 | Y | 4 |
| 4998 | 10 | Jack Pine | Good | 1 | 449526.9386 | 184311.9331 | Y | 10 | Y | 10 |
| 4999 | 8 | Jack Pine | Good | 1 | 449518.3378 | 184282.2285 | Y | 8 | Y | 8 |
| 5000 | 8 | Jack Pine | Good | 1 | 449518.4014 | 184298.5107 | Y | 8 | Y | 8 |
| | 8713 | | | | | | | 7437 | | 1503 |
| | TOTAL INCHES | | | | | | | TOTAL REMOVED | | TOTAL EXEMP |

1


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PACT CHARTER SCHOOL
RAMSEY, MN

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

NORTH
0 15 30 60

# TREE PRESERVATION PLAN - CALCS

Issues and Revisions

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.

Date: 04.28.2022 Lic. No.: 44592

Submission No: 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C604

TRUE SHEET SCALE
0" 1/2" 1"

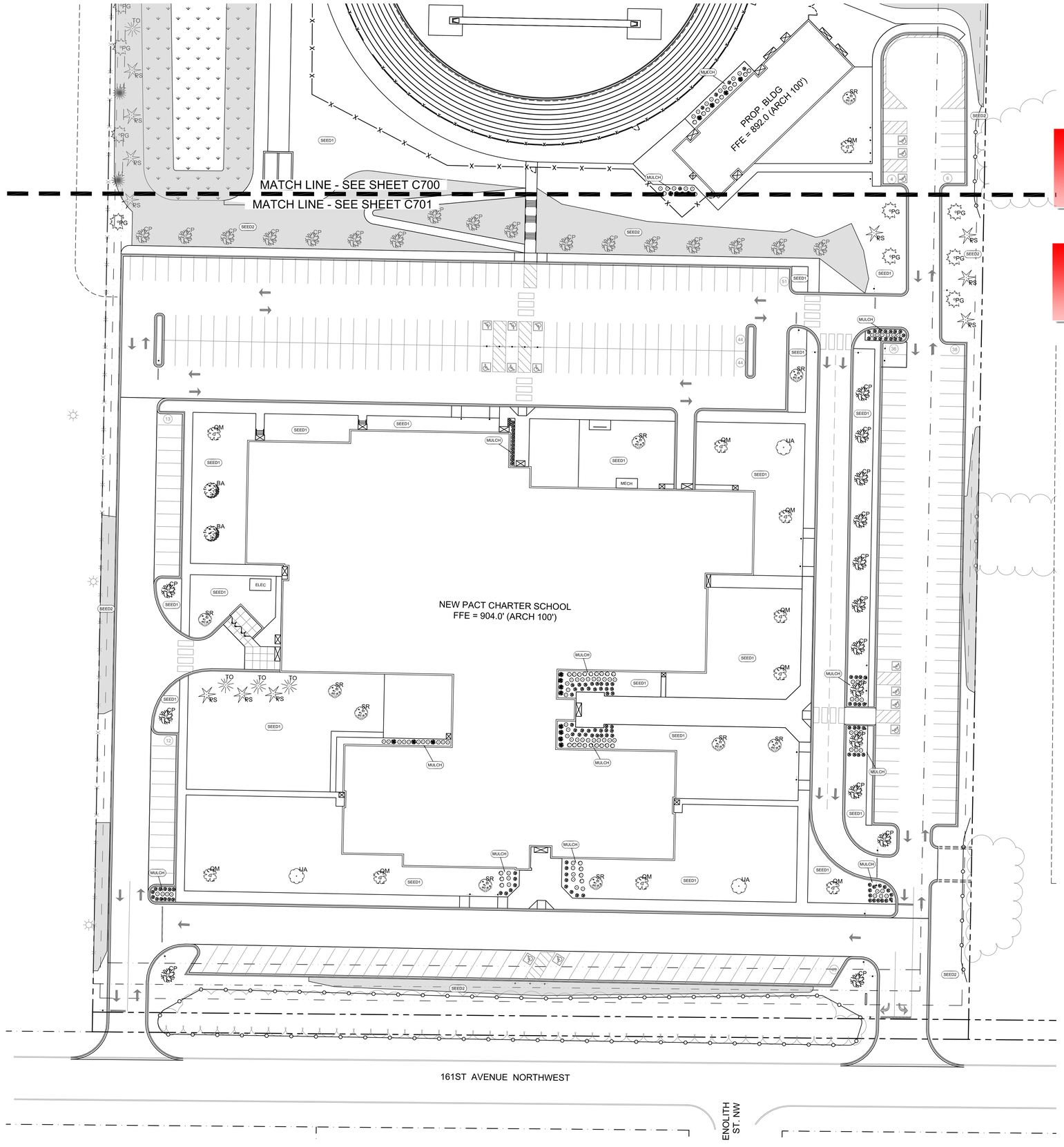
C604 - Tree Preservation Plan Calcs.pdf V1 - Changemark Notes ( 1 Note )

## 1 - Invasive Species Exempt from Removal Calculation

Created by: Chris Anderson
On: 05/09/2022 09:15 AM

Both Siberian Elm and Black Locust are on Ramsey's Prohibited List due to their invasive tendencies. Both of these species can be exempted from the removal calculation. Please update table and summary accordingly.

--------- 0 Replies ---------




## LEGEND

- EROSION CONTROL BLANKET
- NATIVE GRASSES AND WILDFLOWER PLANTINGS
- SEED1 — COMMERCIAL TURF SEED
- SEED2 — NO-MOW SEED MIX
- MULCH — 4" SHREDDED WOOD MULCH OVER WEED BARRIER
- SEED3 — NATIVE PRAIRIE / WOODLAND SEED

## PLANTING SCHEDULE

| | QTY | COMMON NAME | BOTANICAL NAME | SIZE | CONTAINER |
|---|---|---|---|---|---|
| DECIDUOUS TREES, SEE DETAIL 6/C602 | | | | | |
| BA | 2 | Yellow Birch | Betula Alleghaniensis | 2-1/2" Cal | B & B |
| CP | 32 | Dotted Hawthorn | Crataegus Punctata | 2-1/2" Cal | B & B |
| UA | 3 | American Elm | Ulmus Americana | 2-1/2" Cal | B & B |
| QM | 10 | Bur Oak | Quercus Macrocarpa | 2-1/2" Cal | B & B |
| SR | 10 | Japanese Tree Lilac | Syringa Reticulata | 2-1/2" Cal | B & B |
| CONIFEROUS TREES, SEE DETAIL 6/C602 | | | | | |
| LL | 24 | American Larch | Larix Laricina | 6' Ht | B & B |
| TO | 28 | Northern White Cedar | Thuja Occidentallis | 6' Ht | B & B |
| PS | 33 | Eastern White Pine | Pinus Strobus | 6' Ht | B & B |
| PG | 22 | Black Hills Spruce | Picea Glauca Densata | 6' Ht | B & B |
| SHRUBS, SEE DETAIL 7/C602 | | | | | |
| | 17 | Roundleaf Serviceberry | Amelanchier Sanguinea | 24" | Pot |
| | 84 | Bush Cinquefoil | Potentilla Fruticosa | 24" | Pot |
| | 126 | Crisp Leaf Spirea | Spirea x Bumalda (Crispa) | 24" | Pot |
| | 38 | Alpine Currant | Ribes Alpinum | 24" | Pot |

## LANDSCAPING CALCULATIONS

**Site Data:**
Site Perimeter = 3,740 lf
Total Building footprint = 79,862 sf
Parking = 295 stalls

**Deciduous (2.5") / Coniferous (6') Trees:**
Perimeter (per 100 lf) = 74.8
Footprint (per 1,000 sf) = 79.5 <-- 80 Trees

**Shrubs (2' height/width)**:
Perimeter (per 30 lf) = 124.7
Footprint (per 300 sf) = 264.9 <--- 265 Shrubs

**Road Frontage Trees**:
620' / 35 lf = 17.7<--- 18 (in total tree credit)

**Parking Lot Landscaping Trees:** (162 sf per tree min)
295 stalls (1 / 10 stalls) = 29.5 <--- 29 Trees

**Native Grass Tree Credit:** (500 sf = 1 tree)
Storm Basins: 43,750 sf = 87 trees (credit max 50% req'd trees = 54)

Total Shrubs = 265 required PROVIDED = 265

Totals Trees = 55 required PROVIDED = 164
(Additional trees applied to reforestation requirement)

## LANDSCAPING NOTES

1. Landscape Contractor is responsible for coordination with other contractors to protect the new improvements during landscape work activities. Report any damage immediately.
2. Plant size and species substitutions must be approved in writing prior to acceptance in the field.
3. Landscape Contractor is responsible for ongoing maintenance of all newly installed material until time of owner acceptance. Any acts of vandalism or damage which may occur prior to owner acceptance shall be the responsibility of the contractor. Contractor shall provide the owner with a maintenance program including, but not limited to, pruning, fertilization and disease/pest control.
4. Landscape Contractor shall provide the owner with a watering schedule appropriate to the project site conditions and to plant material growth requirements.
5. Landscape Contractor shall guarantee newly planted material through one calendar year from the date of written owner acceptance. Plants that exhibit more than 10% die-back damage shall be replaced at no additional cost to the owner. The contractor shall also provide adequate tree wrap and deer/rodent protection measures for the plantings during the warranty period.
6. Planting areas shall be edged with 6" black vinyl edging and have 4" colored hardwood wood mulch over a weed barrier fabric.
7. All trees not planted in landscaped areas shall have shredded hardwood mulch placed around the tree at 4' diameter and 6" deep.
8. Restore all disturbed turf areas with 4" of good quality topsoil and seed or sod as indicated. Topsoil shall not be placed in filtration basin. For filtration basin areas refer to detail for construction and restoration.

4 5 2 3 1

NORTH
0 15 30 60

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

POPE ARCHITECTS
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PACT Charter School

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PACT CHARTER SCHOOL
RAMSEY, MN

LANDSCAPE PLAN SOUTH

Issues and Revisions:

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.
Date: 04.28.2022 Lic. No.: 44592

Submission No: 12216178
Drawn by: KBK
Checked by: EGM

SHEET
C700

TRUE SHEET SCALE
0" 1/2" 1"

C700 - Landscape Plan South.pdf V1 - Changemark Notes ( 5 Notes )

## 1 - Topsoil

Created by: Chris Anderson
On: 05/09/2022 09:33 AM

Topsoil shall not have more than 35% sand. A topsoil inspection is required prior to sod installation. Topsoil is required over all areas that are disturbed, excluding stormwater pond areas and areas to be finished with impervious surfacing.

--------- 0 Replies ---------

## 2 - Required # of Trees

Created by: Chris Anderson
On: 05/09/2022 09:56 AM

Based on the linear feet of the perimeter and the number of parking stalls, 109 trees would be required (55 if applying the native grass credit). However, based on the Tree Preservation reforestation requirements, 444 new, 2.5 inch trees would need to be installed, or payment of $110,875, or some combination of the two. Please specify how the reforestation standard is being satisfied. If additional plantings are to be used, they must be shown in the table, calculations, and on the plan sheets. If payment is to be used, a statement to that affect should be added to this sheet.

--------- 0 Replies ---------

## 3 - Maintenance Plan

Created by: Chris Anderson
On: 05/09/2022 10:16 AM

To utilize this credit, a 3-year maintenance plan needs to be developed and submitted to the City for review. The property owner (PACT) is obligated to implement the maintenance plan to ensure the establishment of the native landscape. Please submit the maintenance plan.

--------- 0 Replies ---------

## 4 - Modifications

Created by: Chris Anderson
On: 05/12/2022 08:49 AM

Any modifications, including change of species, shall be submitted to the city prior to installation for review and approval.

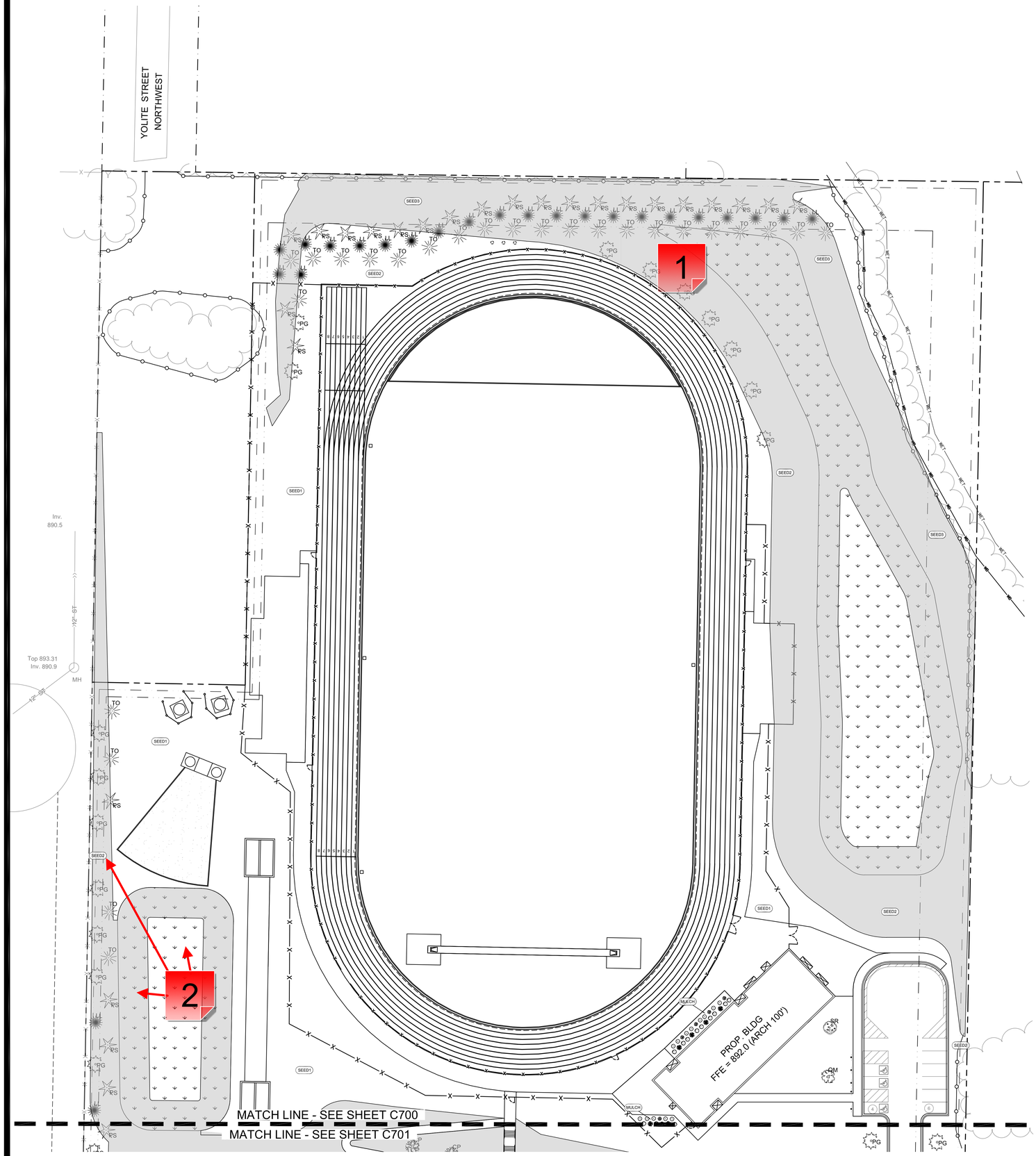
--------- 0 Replies ---------

## 5 - Irrigation

Created by: Chris Anderson
On: 05/12/2022 08:50 AM

If an irrigation system is to be utilized, it must include both a rain sensor and some form of water efficient technology, such as a smart controller.

--------- 0 Replies ---------




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PACT CHARTER SCHOOL
RAMSEY, MN

LAND USE APPLICATION SET - NOT FOR CONSTRUCTION

NORTH
0 15 30 60

LANDSCAPE PLAN NORTH

Issue and Revision

I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Eric G. Meyer, P.E.
Date: 04.28.2022 Lic. No.: 44592

| | |
|---|---|
| Commission No. | 12216178 |
| Drawn by: | KBK |
| Checked by: | EGM |

SHEET
C701

TRUE SHEET SCALE
0" 1/2" 1"

C701 - Landscape Plan North.pdf V1 - Changemark Notes ( 2 Notes )

## 1 - Break Between Seeding Types

Created by: Chris Anderson
On: 05/09/2022 10:09 AM

There's no apparent break between Seed 2 and Seed 3, they sort of merge together here. Use a different symbol/shading/hashmark for each seed type.

--------- 0 Replies ---------

## 2 - Seed Type?

Created by: Chris Anderson
On: 05/09/2022 10:13 AM

Are these different seed types? If so, what are they?

--------- 0 Replies ---------

**Environmental Policy Board (EPB)** **5. 2.**

**Meeting Date:** 05/16/2022

**By:** Chris Anderson, Community Development

## Information

**Title:**

Arbor Day Recap

**Purpose/Background:**

On Friday, April 29, 2022 (Arbor Day), the City, in conjunction with a local Ramsey business, Dedicated Networks, celebrated Arbor Day by planting a ceremonial oak tree along with six (6) maple trees. The planting event occurred at Dedicated Networks, located at 14000 Unity Street NW and the adjacent city-owned parcel. Approximately 20 staff from Dedicated Networks participated in the event. Attached to this case are some photos of the planting activity.

EPB Chair Laura Moore kicked things off by talking about Arbor Day and some of the many benefits that trees provide. City Staff also took the opportunity to review proper planting techniques with the volunteers. The weather was perfect, folks were excited, and all and all, the event seemed to come together very nicely. This event also satisfied the Tree City USA requirement of an observance of Arbor Day (2021 marked 30 years of Ramsey being a Tree City USA!).

**Action:**

No action is necessary; this is for informational purposes only.

## Attachments

Photos of Planting Event

## Form Review

| Inbox | Reviewed By | Date |
|---|---|---|
| Brian Hagen | Brian Hagen | 05/12/2022 01:07 PM |
| Form Started By: Chris Anderson | | Started On: 05/12/2022 09:23 AM |
| Final Approval Date: 05/12/2022 | | |


699
City of
RAMSEY
Public Works
Park Dept.


Kubota








Kubota


30
YEARS
TREE CITY USA



**Environmental Policy Board (EPB)** **5. 3.**

**Meeting Date:** 05/16/2022

**By:** Chris Anderson, Community Development

## Information

**Title:**

Rain Barrel and Compost Bin Sale Update

**Purpose/Background:**

This is a brief update on the Rain Barrel and Compost Bin sales event. As of Monday, May 9, 2022, there were thirty-six (36) rain barrels and forty-two (42) compost bins still available for purchase. The Recycling Association of Minnesota (RAM) has said that as other distribution events come and go, they are promoting this opportunity more and more to individuals interested in purchasing. Staff has information on the sale on the City's website (one of the 'Spotlights') and published information in the May/June issue of the Ramsey Resident newsletter. The distribution event will occur on June 13, 2022, from 3pm to 6pm at the City's Public Works facility (14199 Jaspar Street NW). Information on both products is attached.

**Action:**

No action is needed; this is for informational purposes only.

## Attachments

Rain Barrel Information

Compost Bin Information

## Form Review

| Inbox | Reviewed By | Date |
|---|---|---|
| Brian Hagen | Brian Hagen | 05/12/2022 01:07 PM |
| Form Started By: Chris Anderson | | Started On: 05/12/2022 09:41 AM |
| Final Approval Date: 05/12/2022 | | |

# Rain Catcher Rain Barrel

## $90 + tax (retails for $120+)



- The large opening and flat back design allow for easy installation and placement of the downspout while the spoke and wheel pattern in the top of the barrel keeps it child and pet safe.
- The overflow connection at the back of the barrel allows excess water to flow down and underneath the barrel to direct it away from foundations.
- Spigots on the side of the barrel allow you to connect multiple Rain Catcher barrels in-series for easy expansion of your rain water storage capacity.
- The aluminum mesh screen keeps out debris and mosquitoes to keep the water clear and keep your family safe from insect borne illnesses.
- Includes debris screen, garden hose, shut-off thumb valve, hanging hose clip, overflow hose, and linking kit
- Place them around your home to catch fresh chlorine-free water as it pours from your downspouts – Water that would otherwise make its way into storm sewers only to be wasted. Rain barrels not only save you money but lessen the strain on water resources.
- NEW FOR 2021: Made out of 100% recycled plastic!

### Specifications:

**Assembled Dimensions:** 24”D x 24”W x 32”H
**Total Volume:** 6 cu ft / 45 Gallon / 170 Litre

One (1) Year Warranty on Manufacturer Defects. Warranty excludes cracking from improper use.

Questions? Contact Courtney Selstad courtney@recycleminnesota.org 952-457-1735
Ready to set up a sale? Click here and complete the Distribution Partner form

RECYCLING ASSOCIATION of Minnesota

# Home Composter Compost Bin

## $76 + tax (similar models retail for $100+)

- Made of sturdy, yet lightweight, 100% recycled plastic materials
- Two-piece construction for sides allows for easy transporting and turning of materials
- Wide opening at the top – easy to add and view materials
- Lockable lid to deter animals
- Sliding doors on each side to monitor status of compost



### Greater Minnesota!

**Smaller minimum order on shipments (54 bins) means this is a great option for your communities!**

### Specifications:

**Assembled Dimensions:** 33”D x 30”H
**Total Volume:** 17 cu ft / 125 gallon

The Home Composter Bin is warranted by Gracious Living Corp. for 10 years from the date of purchase for any defects due to manufacturing or delivery excluding any damage due to normal wear and use.

Questions? Contact Courtney Selstad courtney@recycleminnesota.org 952-457-1735
Ready to set up a sale? Click here and complete the Distribution Partner form