City Council Agenda

Monday, June 15, 2026
6:00 PM
City Council Chambers

In accordance with Minnesota Statutes §13D.02 and City policy, Council and Commission members may attend meetings remotely up to three times per calendar year.

(Times listed are approximate – please note that items may be earlier or later than listed on the agenda)

6:00 p.m. **1. Roll Call**

Voting & Seating Order: Groff, Bauer, Strahan, Schroeder, and Roe

6:01 p.m. **2. Pledge of Allegiance**

6:02 p.m. **3. Approve Agenda**

6:03 p.m. **4. Public Comment**

6:08 p.m. **5. Recognitions and Donations**

a. Parks and Recreation Month Proclamation

b. Accept Donation of Rescue Van from the Roseville Police Foundation

6:13 p.m. **6. Items Removed from Consent Agenda**

7. Business Items

6:15 p.m. a. Consider Presumptive Penalty Approval - 2026 Alcohol Compliance Check (Shinhwa Korean Steakhouse)

6:25 p.m. b. Consider Presumptive Penalty Approval - 2026 Alcohol Compliance Check (Buffalo Wild Wings)

6:35 p.m. c. Consider a Request to Perform an Abatement for Unresolved Violations of City Code at 2001 Asbury Street N

6:45 p.m. d. Receive and Approve Civic Campus Schematic Plans

7:45 p.m. e. Joint Meeting with Finance Commission

8:25 p.m. f. Present Popular Annual Financial Report (PAFR)

8:35 p.m. g. Autumn Grove Park Improvement Update, Request Feedback on Use of Park Dedication Funds for Additional Improvements

8:45 p.m. h. Approve Utility Rate Adjustments

8. Council Direction on Councilmember Initiated Agenda Items

9. Approval of City Council Minutes

8:50 p.m. **10. Approve Consent Agenda**

a. Approval of Payments

b. Approve General Purchases Exceeding $10,000 or Sale of Surplus Items

c. Approve Clean Water Fund Grant Agreement with Metropolitan Council

8:55 p.m. **11. Future Agenda Review, Communications, Reports, and Announcements - Council and City Manager**

a. Future Agenda

9:05 p.m. **12. Adjourn**

July as Parks and Recreation Month
July 2026

Whereas: Parks and recreation programs are an essential part of the Roseville Community; and

Whereas: Parks and recreation are vitally important to establishing and maintaining the quality of life in Roseville, ensuring the health of all citizens, and contributing to the economic and environmental well-being of Roseville and the larger community; and

Whereas: Our parks and recreation programs build healthy, equitable and active communities that aid in the prevention of chronic disease, promote social bonds by uniting neighbors and also improve and ensure the physical, mental and emotional health of all citizens; and

Whereas: Parks and recreation contribute to making Roseville an equitable community by offering diverse programs and services that are appealing and accessible to all of Roseville, educating community members about diverse cultures and providing a gathering spot where neighbors can come together, interact and build bonds; and

Whereas: Our parks and recreation programs increase Roseville's economic prosperity through increased property values, increased tourism, the attraction and retention of residents and businesses, and crime reduction; and

Whereas: Our parks and natural recreation areas improve water quality, protect groundwater, prevent flooding, improve the quality of the air we breathe, provide vegetative buffers to development, and produce habitat for wildlife; and

Whereas: Our parks and natural recreation areas ensure the ecological beauty of our community and provide a place for children and adults to connect with nature and recreate outdoors; and

Whereas: The U.S. House of Representatives has designated July as Parks and Recreation Month; and

Whereas: Roseville, Minnesota, recognizes the benefits derived from parks and recreation resources

Now, Therefore Be It Resolved that the City Council of the City of Roseville does hereby proclaim July 2026 as Parks and Recreation Month in the City of Roseville.

In Witness Whereof, I have hereunto set my hand and caused the Seal of the City of Roseville to be affixed this fifteenth day of June, 2026.

_____

Mayor Daniel J. Roe (seal)

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 5.b.

Department Approval

City Manager Approval

Item Description: Accept Donation of Rescue Van from the Roseville Police Foundation

Background

The Roseville Police Department requests that the City Council approve the acceptance of a rescue van donated by the Roseville Police Foundation. The vehicle was purchased by the Foundation through private donations and will be transferred to the City of Roseville upon acceptance by the City Council. A donation agreement documenting the transfer of ownership has been reviewed and approved by the City Attorney and is included for the Mayor's signature (Attachment 2).

The need for a specialized rescue vehicle was identified following the West Owasso active shooter incident in April 2022. During that incident, an armed suspect fired more than 200 rounds at responding officers, critically injuring Officer Ryan Duxbury. Officers were forced to conduct a rescue operation without specialized rescue equipment or armored protection while remaining exposed to gunfire. Similar incidents throughout Minnesota and across the nation have highlighted the need for enhanced rescue and casualty evacuation capabilities during critical incidents.

The donated vehicle is a specially equipped rescue van designed to safely transport first responders, medical personnel, and injured victims during high-risk incidents. Unlike a traditional armored vehicle primarily used for tactical operations, this rescue van is designed for rapid deployment, casualty evacuation, and emergency medical response. The vehicle is equipped with ballistic protection and an interior configuration that allows for the efficient transport and treatment of injured persons.

The total cost of the project was $180,000. Funding was provided entirely through private donations. The Roseville Police Foundation contributed $150,000 through donations raised over a two-year fundraising effort. In addition, the City Council previously accepted a $50,000 donation from the Granite Foundation to support this project. $30,000 of the Granite Foundation donation will be applied toward the remaining vehicle balance, with the remainder being used for electrical outfitting and related equipment necessary to place the vehicle into service. No General Fund dollars were used for the purchase of the vehicle.

This project represents the culmination of more than two years of fundraising efforts by the Roseville Police Foundation, the Granite Foundation, and their donors. Their generosity made it possible to fully fund the rescue vehicle and associated outfitting costs without the use of General Fund dollars.

The vehicle will serve as a City of Roseville public safety asset and will also be available to assist neighboring agencies during critical incidents through existing mutual aid partnerships.

Policy Objectives

The Roseville Police Department is committed to providing first responders with the equipment and resources necessary to safely and effectively respond to critical incidents. The addition of this rescue

van enhances the Department's ability to transport first responders, medical personnel, and injured victims during high-risk events while providing ballistic protection and rapid access to medical care.

The vehicle supports the City's commitment to public safety, emergency preparedness, and regional cooperation. As a specialized rescue asset, it will not only serve the residents of Roseville but will also be available to assist neighboring agencies through established mutual aid partnerships during major incidents and emergency response operations.

Acceptance of this donation represents the successful completion of a community-driven public safety initiative. Through more than two years of fundraising efforts, the Roseville Police Foundation and other donors fully funded the approximately $180,000 project without the use of General Fund dollars. This partnership demonstrates the community's continued investment in public safety and the Foundation's longstanding commitment to supporting the Roseville Police Department.

Equity Impact Summary

When selecting a rescue vehicle, careful consideration was given to ensuring the vehicle does not have a militaristic appearance. While armored BearCat vehicles serve an important role in SWAT operations, they can unintentionally convey an image of militarization, which may impact community perceptions of policing.

The chosen unmarked Sprinter rescue van prioritizes public safety and community-centered policing. Its primary mission is to rescue injured first responders and civilians during critical incidents, rather than serve as a tactical response vehicle. By selecting a discreet and functional design, the department balances the need for officer and community safety while reinforcing its commitment to approachable and community-oriented policing.

This approach aligns with the City’s equity goals by ensuring that public safety resources are implemented in a way that fosters trust and inclusivity, while still addressing the very real risks faced by officers and residents in high-threat situations.

Budget Implications

The completed rescue van has an approximate value of $180,000 and was fully funded through private donations received and administered by the Roseville Police Foundation. Through more than two years of fundraising efforts, the Foundation and its donors successfully funded the entire project, resulting in no impact to the City's General Fund or Capital Improvement Plan (CIP) budget.

The donation of this vehicle represents a significant investment in public safety by the Roseville community and provides the Police Department with a specialized rescue asset capable of supporting emergency response, casualty evacuation, and regional mutual aid operations for many years to come.

Due to the limited use and expected low annual mileage of the vehicle, it is anticipated to remain in service for 15 to 20 years, resulting in relatively low long-term maintenance and replacement costs while providing lasting value to the community.

Staff Recommendations

The Police Department is recommending that the City Council adopt a resolution accepting the donation of a rescue van from the Roseville Police Foundation. The vehicle, valued at approximately $180,000, represents the culmination of more than two years of fundraising efforts by the Foundation and its donors and will be transferred to the City of Roseville upon acceptance by the City Council.

Requested Council Action

Adopt a resolution accepting the donation of a rescue van from the Roseville Police Foundation with an

approximate value of $180,000.

Prepared by: Joe Adams, Deputy Police Chief

Attachments:
1. Resolution to Accept Rescue Van Donation from RPD Foundation
2. RPD Foundation Van Contract 2026

EXTRACT OF MINUTES OF MEETING
OF THE
CITY COUNCIL OF THE CITY OF ROSEVILLE

* * * * * * * * * * * * * * * * * * * *

Pursuant to due call and notice thereof, a regular meeting of the City Council of the City of Roseville, County of Ramsey, Minnesota, was duly held on the 15th day of June, 2026, at 6:00 p.m.

The following members were present: ; and and the following members were absent: .

Member introduced the following resolution and moved its adoption:

RESOLUTION NO._____

A RESOLUTION ACCEPTING THE DONATION OF A RESCUE VEHICLE FROM THE ROSEVILLE POLICE FOUNDATION

WHEREAS, the City of Roseville is generally authorized to accept donations of real and personal property for the benefit of its residents pursuant to Minnesota Statutes Section 465.03;

WHEREAS, the Roseville Police Foundation has offered to donate to the City a rescue vehicle, valued at $180,000, designed to safely bring our first responders (police and fire) to those in need and evacuate injured individuals from active scenes;

WHEREAS, the above-referenced donation has no further conditions on its acceptance;

WHEREAS, the donation is contributed to the City for the benefit of its residents; and,

WHEREAS, the City Council finds that it is appropriate to accept the donation offered.

NOW, THERFORE, BE IT RESOLVED, that the Roseville City Council, on behalf of the City of Roseville, Minnesota, hereby accepts the gift of the donation described herein.

The motion for the adoption of the foregoing resolution was duly seconded by Member and upon vote being taken thereon, the following voted in favor thereof: and the following voted against the same:

WHEREUPON said resolution was declared duly passed and adopted.

STATE OF MINNESOTA)
) ss
COUNTY OF RAMSEY)

I, the undersigned, being the duly qualified City Manager of the City of Roseville, County of Ramsey, State of Minnesota, do hereby certify that I have carefully compared the attached and foregoing extract of minutes of a regular meeting of said City Council held on the 15th day of June, 2026, with the original thereof on file in my office.

WITNESS MY HAND officially as such Manager this 15th day of June, 2026.

_____
Patrick Trudgeon, City Manager

(SEAL)

DONATION AGREEMENT

THIS DONATION AGREEMENT (the "Agreement"), effective as of this 15th day of June, 2026, is between the City of Roseville, a Minnesota municipal corporation (the "City"), and the Roseville Police Foundation (the "Foundation"), a nonprofit corporation organized under the laws of Minnesota (the "Donor"). The City and the Donor shall each be referred to herein as a "Party" and collectively as "Parties."

WHEREAS, the City operates a Police Department, which responds to emergency calls frequently featuring active situations with a high risk of danger or injury to its personnel and residents; and

WHEREAS, the Donor has agreed to fund the purchase and upfitting of an armored rescue van by paying the vendor directly, with the completed vehicle to be donated to the City for use by the Police Department, subject to the terms of this Agreement; and

WHEREAS, the City wishes to accept the donation of an armored rescue van, including its purchase and upfitting, for use in responding to active scenes and evacuating victims when speed is critical, in accordance with the terms and conditions set forth in this Agreement; and

NOW, THEREFORE, the Parties, in consideration of the representations, covenants and agreements set forth herein, represent, covenant and agree as follows:

AGREEMENT

1. Donation. The Donor hereby agrees to fund the purchase and upfitting of an armored rescue van by making a direct payment to the vendor, in the amount of $150,000 (the "Donation"), subject to the terms of this Agreement. The Donation shall be payable in one, lump sum payment on or before July 15, 2026. The payment shall be used towards: (i) the purchase of an armored rescue van (the "Van"), and (ii) upfitting such Van for its use in emergency situations (collectively, the "Project"). The payment shall be handled and administered according to the terms of this Agreement.

2. Conditions on Donation. Subject to Minnesota Statutes, section 465.03, any party making a donation to a local governmental entity may prescribe conditions to such donation, and the local governmental entity may either accept the donation subject to such conditions or restrictions or decline the donation. The City hereby acknowledges and accepts the following conditions related to the Donation, which have been expressly incorporated therein by the Donor:

a. The City agrees to accept the donation of the Van upon completion of its purchase and upfitting, and to use the Van for operations by the City Police Department.
b. The City agrees to be solely responsible for the Van's control, ownership, operation, insurance, and any and all claims relating to the Van.
c. The City agrees that the Donor shall have no responsibility for, and no liability arising from, the City's ownership, operation, maintenance, or use of the Van.

3. **Term**. This Agreement shall commence on the date first written above and shall continue until the City has completed the Project contemplated herein. Any condition that cannot, by its own terms, be completed within this time shall survive and be in full effect according to the terms of this Agreement.

4. **No Ownership Interest**. Nothing in this Agreement will be deemed to create any ongoing ownership, property, or title interest for the Donor in the Van. Furthermore, Donor hereby expressly waives and releases any claim that it may have, now or in the future, against the City related to ownership of the Van pursuant to this Agreement. Upon execution of this Agreement, any funds donated to the City shall become the property of the City.

5. **Termination**. The Donor may terminate this Agreement upon material breach of any of the terms herein by the City. Prior to termination, the Donor must provide written notice to the City of any material breach, and the City shall have at least 60 days from the receipt of such notice to cure said material breach. If the City fails to cure any such material breach within the cure period, this Agreement shall be terminated and the City shall return and outstanding Donation funds to the Donor, subject to deductions for any equipment which has already been purchased.

6. **Notices**. Any notices permitted or required by this Agreement shall be deemed given when emailed, personally delivered, or upon deposit in the United States mail and addressed to:

If to the City: City of Roseville
2660 Civic Center Drive
Roseville, MN 55113

If to the Donor: Roseville Police Foundation
2230 Albert Street N
Roseville, MN 55113

Either Party may change such notice address by delivering written notice to the other Party in accordance with this Section 6.

7. **Non-Assignment**. This Agreement shall not be assigned by either Party without the prior written consent of the other Party.

8. **Relationship of the Parties**. Nothing in this Agreement shall constitute or cause the Parties to have created a partnership, joint venture or agency relationship.

9. **Modifications**. Any modification of this Agreement or additional obligation assumed by either Party in connection with this Agreement shall be binding only if evidenced in a writing signed by each Party or an authorized representative of each Party.

10. **Governing Law**. This Agreement shall in all respects be governed by and interpreted under the laws of the State of Minnesota.

11. **Severability**. If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, the rest of the Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.

12. **Waiver**. No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.

13. **Entire Agreement**. This Agreement shall constitute the entire agreement between the Parties regarding the Donation. Any prior understanding or representation regarding the Donation which precedes the date of this Agreement shall not be binding upon either Party except to the extent incorporated in this Agreement.

(The remainder of this page is intentionally left blank)

IN WITNESS WHEREOF, the undersigned Parties have executed this Donation Agreement as of the date and year first written above.

CITY OF ROSEVILLE, MINNESOTA

By: _____
Dan Roe
Its: Mayor

By: _____
Patrick J. Trudgeon
Its: City Manager

DONOR – ROSEVILLE POLICE FOUNDATION

By: _____
_____
Its:

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.a.

Department Approval

City Manager Approval

Item Description: Consider Presumptive Penalty Approval - 2026 Alcohol Compliance Check (Shinhwa Korean Steakhouse)

Background

In 2026, all businesses holding a City of Roseville liquor license received a letter in the spring announcing that two citywide alcohol compliance checks would be conducted before the end of the calendar year (Attachment 1). The letter also included information regarding the Roseville City Ordinance mandating a liquor licensee training program and outlining penalties for noncompliance.

This report pertains to the first round of alcohol compliance checks, conducted in May 2026.

On May 21, 2026 an underage compliance checker entered various establishments licensed to sell alcohol in Roseville to conduct compliance checks. Following the checks, two businesses were found to be noncompliant (Attachment 2).

Shinhwa Korean Steakhouse (Case #26016154)
An underage checker ordered alcohol from an employee. The employee asked for identification but ultimately served alcohol to the underage checker. The employee was issued an administrative citation, which is currently awaiting payment.

This incident is Shinhwa Korean Steakhouse's second on-sale violation within a 36-month period.

Officers met in person with each noncompliant business to advise them of the upcoming Roseville City Council hearing date. This notice was also provided in writing (Attachment 3). Shinhwa Korean Steakhouse has since submitted the required training documentation for its staff.

Policy Objectives

The Roseville Police Department seeks Council approval to issue and administer the presumptive penalty pursuant to City Code Section 302.14, for on-sale license holders for the second violation within thirty-six (36) months. The mandatory minimum penalty shall be a two thousand dollar ($2,000.00) fine and five day liquor license suspension.

Equity Impact Summary

Upon review of any potential racial equity impacts, staff notes that the citywide compliance checks, subsequent fines, and suspensions are uniform and written into the city code. At this time, staff did not identify a disproportionate racial equity impact. However, staff recognizes that the financial impact of a violation may be felt differently depending on the size and financial capacity of the business, with smaller or independently owned establishments potentially experiencing greater hardship from the same fine

amount.

Budget Implications

Pursuant to City Code Section 302.14, the financial impact shall be a mandatory penalty of a two-thousand dollar ($2,000.00) fine and a five-day license suspension issued to the on-sale license holder for the second violation within thirty-six (36) months.

Staff Recommendations

Staff recommends Council approval to issue and administer the presumptive penalty pursuant to City Code Section 302.14, for on-sale license holders.

Requested Council Action

The Roseville Police Department seeks Council approval to issue and administer the presumptive penalty pursuant to City Code Section 302.14, for on-sale license holders for the second violation within thirty-six (36) months. The mandatory minimum penalty shall be a two-thousand dollar ($2,000.00) fine and a five-day license suspension.

Prepared by: Joe Adams, Deputy Chief of Police

Attachments:

1. 2026 Alcohol Compliance Checks Letter
2. Report - 26016154
3. Shinwa Korean Steakhouse Hearing

ROSEVILLE POLICE DEPARTMENT

Alcohol Compliance Checks

May 6, 2026

2026 Alcohol Compliance Checks

The Roseville Police Department conducts a minimum of two citywide alcohol compliance checks each year. The police department conducts compliance checks to ensure Roseville alcoholic beverage license holders are complying with state law and city code. When Roseville began alcohol compliance checks in 1997, the compliance rate was only 70%. Our goal is to achieve 100% compliance.

Required Training

Roseville city code requires all licensees, managers, and employees who serve alcohol to complete a city-approved or city-provided training program.

- The required training shall be completed prior to an employee serving or selling alcohol.
- The training must be completed on an annual basis for all employees who serve or sell alcohol.
- More information on the manager and server training can be found on the police department's website.

Documentation of Training

Your business must maintain documentation you have properly trained every employee who sells or serves alcohol. Per city code, this documentation must be provided to a police officer or designated city employee when requested. Additional penalties may be assessed if you are unable to provide documentation or it is determined an employee did not undergo the required training.

Penalty for Noncompliance

In addition to any criminal penalties, the City Council may suspend a liquor license, revoke a license, and/or may impose a civil fine on a licensee. The mandatory minimum penalty for the sale of alcoholic beverages to underage individuals is a $2,000 fine for the license holder and a one day suspension for on-sale establishments. Additional administrative penalties will be imposed when there is a history of violations.

Additional Information

Any questions regarding compliance checks, training, city code, or state laws can be directed to Deputy Chief Joe Adams at 651-792-7275 or joe.adams@cityofroseville.com. Additional information can be found at:

- https://www.cityofroseville.com/2365/Alcohol-Compliance
- https://www.cityofroseville.com/836/Liquor-Licenses
- https://www.cityofroseville.com/DocumentCenter/View/27294/Title-3-Business-Regulations_181231
- https://www.mlba.com/
- https://www.revisor.mn.gov/statutes/cite/340A.503

Erika Scheider
Chief of Police

Roseville Police Department
2660 Civic Center Drive
Roseville, MN 55113

Primary Report By Jacob Porras, 05/21/26 15:58

Alcohol Compliance Check fail
Case #RV26016154
Typed By Jacob Porras

On 05/12/2026 myself along with other members of the of the Community Action Team were conducting alcohol compliance checks throughout the city of Roseville. Also, with us was our underage compliance checkers. The checker was in possession of their MNDL which is oriented vertically.

It should be noted the compliance checker's driver's license is orientated vertically indicating they are under 21 years of age. Under 18 and under 21 indicators are displayed below the picture. UNDER 21 UNTIL, with appropriate date, displays as white text in a red bar. This driver's license / identification card orientation was implemented by The Minnesota Department of Public Safety Driver and Vehicle Services in August of 2018. The intent of this particular change was to make it a quick reference that the cardholder is a minor.

The checker [redacted] entered Shinwa Korean Steakhouse located at 2181 Snelling Avenue. The checker was seated at the bar, and asked for a Modelo beer. The waiter observed [redacted] vertical ID, then served him one modelo beer totaling $7 ($7.77 after tax). [redacted] paid with one $20 bill, and got $12.23 in change. The employee that served the underage checker was identified by United States worker permit as Arafin Bunyamin. Once [redacted] was given the alcohol, they advised me of the sale. I then entered Shinwa and asked for the manager who was identified via MN DL as Linghong Lin. I then identified myself as a police officer and advised Lin that Bunyamin had just served a person under 21. I also spoke with Bunyamin who admitted that he just thought the License was expired. Bunyamin's formal title is a waiter at Shinwa.

Photos of the purchase receipt and product have been uploaded to evidence.com

I advised both that there will be information sent to them in a few week and that will include information on the fine that will need to be paid.

Nothing further.

ROSEVILLE POLICE DEPARTMENT

Alcohol Compliance Check

June 3, 2026

Shinwa Korean Steakhouse

2181 Snelling Avenue

Roseville, MN 55113

Shinwa Korean Steakhouse,

On Monday, June 15th, 2025, the Roseville City Council will discuss your May 21st, 2026 alcohol compliance failure. Staff has recommended Council impose the presumptive penalty of a $2000.00 fine and five (5) day liquor license suspension for the second violation in 36 months.

Council discussion of this violation will occur during the "Business Actions" segment of the meeting. A representative from your establishment may appear at the time of the council discussion to offer any information you deem relevant as to whether the Council should deviate from the presumptive penalties set forth in the Roseville City Code. If you choose not to appear at this meeting, the City Council will act without any input from your business.

Summary of Violation:

May 21, 2026:	An employee sold an underage compliance buyer alcohol after checking for and reviewing identification. This violation was confirmed by a plain clothing police officer (ref Police Incident 26016154).
March 29, 2025:	An employee sold an underage compliance buyer alcohol after checking for and reviewing identification. This violation was confirmed by a plain clothing police officer (ref Police Incident 25009349).

Please be advised if another violation should occur, further penalties will be invoked. Also, I will need copies of your training records. Please email the records to joe.adams@cityofroseville.com. If you have any questions, you can reach me at 651-792-7275.

Sincerely,

Joe Adams

Deputy Chief of Police

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.b.

Department Approval

City Manager Approval

Item Description: Consider Presumptive Penalty Approval - 2026 Alcohol Compliance Check (Buffalo Wild Wings)

Background

In 2026, all businesses holding a City of Roseville liquor license received a letter in the spring announcing that two citywide alcohol compliance checks would be conducted before the end of the calendar year (Attachment 1). The letter also included information regarding the Roseville City Ordinance mandating a liquor licensee training program and outlining penalties for noncompliance.

This report pertains to the first round of alcohol compliance checks, conducted in May 2026.

On May 21, 2026, an underage compliance checker entered various establishments licensed to sell alcohol in Roseville to conduct compliance checks. Following the checks, two businesses were found to be noncompliant (Attachment 2).

Buffalo Wild Wings (Case #26016147)
An underage checker ordered alcohol from an employee. The employee failed to ask for identification and ultimately served alcohol to the underage checker. The employee was issued an administrative citation, which has not yet been paid.

This incident is Buffalo Wild Wing's first on-sale violation within a 36-month period.

Officers met in person with each noncompliant business to advise them of the upcoming Roseville City Council hearing date. This notice was also provided in writing (Attachment 3). Buffalo Wild Wings has since submitted the required training documentation for its staff.

Policy Objectives

The Roseville Police Department seeks Council approval to issue and administer the presumptive penalty pursuant to City Code Section 302.14, for on-sale license holders for the first violation within thirty-six (36) months. The mandatory minimum penalty shall be a two thousand dollar ($2,000.00) fine and one day liquor license suspension.

Equity Impact Summary

Upon review of any potential racial equity impacts, staff notes that the citywide compliance checks, subsequent fines, and suspensions are uniform and written into the city code. At this time, staff did not identify a disproportionate racial equity impact. However, staff recognizes that the financial impact of a violation may be felt differently depending on the size and financial capacity of the business, with smaller or independently owned establishments potentially experiencing greater hardship from the same fine

amount.

Budget Implications

Pursuant to City Code Section 302.14, the financial impact shall be a mandatory penalty of a two-thousand dollar ($2,000.00) fine and a one-day license suspension issued to the on-sale license holder for the first violation within thirty-six (36) months.

Staff Recommendations

Staff recommends Council approval to issue and administer the presumptive penalty pursuant to City Code Section 302.14, for on-sale license holders.

Requested Council Action

The Roseville Police Department seeks Council approval to issue and administer the presumptive penalty pursuant to City Code Section 302.14, for on-sale license holders for the first violation within thirty-six (36) months. The mandatory minimum penalty shall be a two-thousand dollar ($2,000.00) fine and a one-day license suspension.

Prepared by: Joe Adams, Deputy Chief of Police

Attachments:

1. 2026 Alcohol Compliance Checks Letter
2. Report--26016147
3. Buffalo Wild Wings Hearing

ROSEVILLE POLICE DEPARTMENT

Alcohol Compliance Checks

May 6, 2026

2026 Alcohol Compliance Checks

The Roseville Police Department conducts a minimum of two citywide alcohol compliance checks each year. The police department conducts compliance checks to ensure Roseville alcoholic beverage license holders are complying with state law and city code. When Roseville began alcohol compliance checks in 1997, the compliance rate was only 70%. Our goal is to achieve 100% compliance.

Required Training

Roseville city code requires all licensees, managers, and employees who serve alcohol to complete a city-approved or city-provided training program.

- The required training shall be completed prior to an employee serving or selling alcohol.
- The training must be completed on an annual basis for all employees who serve or sell alcohol.
- More information on the manager and server training can be found on the police department's website.

Documentation of Training

Your business must maintain documentation you have properly trained every employee who sells or serves alcohol. Per city code, this documentation must be provided to a police officer or designated city employee when requested. Additional penalties may be assessed if you are unable to provide documentation or it is determined an employee did not undergo the required training.

Penalty for Noncompliance

In addition to any criminal penalties, the City Council may suspend a liquor license, revoke a license, and/or may impose a civil fine on a licensee. The mandatory minimum penalty for the sale of alcoholic beverages to underage individuals is a $2,000 fine for the license holder and a one day suspension for on-sale establishments. Additional administrative penalties will be imposed when there is a history of violations.

Additional Information

Any questions regarding compliance checks, training, city code, or state laws can be directed to Deputy Chief Joe Adams at 651-792-7275 or joe.adams@cityofroseville.com. Additional information can be found at:

- https://www.cityofroseville.com/2365/Alcohol-Compliance
- https://www.cityofroseville.com/836/Liquor-Licenses
- https://www.cityofroseville.com/DocumentCenter/View/27294/Title-3-Business-Regulations_181231
- https://www.mlba.com/
- https://www.revisor.mn.gov/statutes/cite/340A.503

Erika Scheider
Chief of Police

Roseville Police Department
2660 Civic Center Drive
Roseville, MN 55113

Primary Report By Erin Reski, 05/22/26 12:38

failed complaince check
Case #RV26016147
Typed By Erin Reski

On 5/21/26, myself along with other members of the of the Community Action Team were conducting alcohol compliance checks throughout the city of Roseville. Also, with us was our underage compliance checkers. The checker was in possession of their MNDL which is oriented vertically.

It should be noted the compliance checker's driver's license is orientated vertically indicating they are under 21 years of age. Under 18 and under 21 indicators are displayed below the picture. UNDER 21 UNTIL, with appropriate date, displays as white text in a red bar. This driver's license / identification card orientation was implemented by The Minnesota Department of Public Safety Driver and Vehicle Services in August of 2018. The intent of this particular change was to make it a quick reference that the cardholder is a minor.

The checker entered Buffalo Wild Wings (1777 Co Rd B2 W). The checker asked for a strawberry Margarita, and was not asked to show ID. The employee that served the underage checker was identified by MN DL as Lindsay Hoppe. Once the checker was given the alcohol, they advised me of the sale. I then entered Buffalo Wild Wings and asked for the manager who was identified as Christopher Anderson. I then identified myself as a police officer and showed him my Police ID and advised Anderson that Hoppe had just served a person under 21. I also spoke with Hoppe who admitted that she served our checker, as she thought she recognized her from Lucky 13's.

Photos of the purchase receipt and product have been uploaded to evidence.com

I advised both that there will be information sent to them in a few week and that will include information on the fine that will need to be paid.

Nothing further.

ROSEVILLE POLICE DEPARTMENT

Alcohol Compliance Check

June 3, 2026

Buffalo Wild Wings

1777 County Road B2 W

Roseville, MN 55113

Buffalo Wild Wings,

On Monday, June 15th, 2026, the Roseville City Council will discuss your May 21st, 2026 alcohol compliance failure. Staff has recommended Council impose the presumptive penalty of a $2000.00 fine and one (1) day liquor license suspension for the first violation in 36 months.

Council discussion of this violation will occur during the "Business Actions" segment of the meeting. A representative from your establishment may appear at the time of the council discussion to offer any information you deem relevant as to whether the Council should deviate from the presumptive penalties set forth in the Roseville City Code. If you choose not to appear at this meeting, the City Council will act without any input from your business.

Summary of Violation:

May, 21 2026: An employee sold an underage compliance buyer alcohol and failed to request and/or review identification. This violation was confirmed by a plain clothing police officer (ref Police Incident 26016147).

Please be advised if another violation should occur, further penalties will be invoked. Also, I will need copies of your training records. Please email the records to joe.adams@cityofroseville.com. If you have any questions, you can reach me at 651-792-7275.

Sincerely,

Joe Adams

Deputy Chief of Police

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.c.

Department Approval	City Manager Approval
Janice Gundlach	

Item Description: Consider a Request to Perform an Abatement for Unresolved Violations of City Code at 2001 Asbury Street N

Background

The subject property is an occupied, single-family home. Current violations related to the abatement request include:

- Outside storage of an inoperable vehicle (405.02.7.b, 405.02.7.d.2., 405.04.a,d)

Staff received a complaint regarding an inoperable vehicle and grass in excess of 8 inches at the residence located at 2001 Asbury Street N on May 19, 2026. Staff visited the property and confirmed the violations. Staff met with the property owner to discuss the violations. Door hangers for the inoperable vehicle and tall grass were hand-delivered to the property owner. The property owner stated that all violations would be corrected prior to any follow-up inspections. Staff conducted a follow-up inspection for the tall grass violation on May 26 and found compliance was achieved. A follow-up inspection related to the inoperable vehicle was done on May 29 with no observed progress to bring the vehicle into compliance. A letter detailing the continued violation along with a request to bring the vehicle into compliance was also mailed to the property on May 29, 2026. Staff conducted an additional inspection on June 4. Staff found no corrections or progress. Staff hand-delivered and posted the vehicle with a notification of a City Council hearing date of June 15, 2026 to abate the inoperable vehicle. The resident again stated that the vehicle would be brought into compliance prior to the Council hearing. A timeline of staff's actions is included with this report in Attachment 1, cited City Code sections are provided as Attachment 2, and staff correspondence and photos are included in Attachment 3.

As of the writing of this Request for Council Action, no progress related to the inoperable vehicle violation has been observed on this property. A status update will be provided during the hearing.

Policy Objectives

Property abatements, although considered a last resort, support the City's responsive services and safety strategic priority. These actions advance the City's desired impact that community members feel confident city services are responsive to ongoing needs and positively impact their quality of life. Abatement of public nuisances supports the goal of taking proactive steps to create a safer community through prevention, planning and early intervention.

Equity Impact Summary

An equity analysis is not indicated for this action.

Budget Implications

The estimated costs of the proposed abatement include the following:

Removal of unlicensed, inoperable vehicle	$0

Abatement fee per City-adopted Fee Schedule	$350
TOTAL	**$350**

Staff Recommendations

Staff recommends the Council direct Community Development staff to abate the above referenced public nuisance violation at 2001 Asbury Street N.

Requested Council Action

By motion, direct Community Development staff to abate the public nuisance violations at 2001 Asbury Street N, by notifying a towing company to remove the unlicensed and/or inoperable vehicle from the property.

If so ordered, the property owner will be billed for actual and administrative costs. If charges are not paid, staff will recover costs as specified in Section 405.08.B.

Prepared by: Dave Englund, Building Official

Attachments:

1. Timeline
2. Cited City Code Sections
3. Correspondence & Photos

2001 Asbury St N

ATTACHMENT 1

May 19, 2026

- Complaint received by Code Compliance

May 19, 2026

- Site visit conducted
- Confirmed grass and vehicle violations
- Door hanger for each observed violation handed to property owner and discussed noted concerns.

May 26, 2026

- Compliance related to the grass over 8 inches was observed.

May 29, 2026

- Inspection related to the inoperable vehicle revealed no progress
- Letter detailing ongoing violations mailed to property.

June 4, 2026

- Vehicle posted informing resident that case will be heard before City Council June 15, 2026
- Discussed ongoing issues with resident, resident stated vehicle would be compliant prior to Council hearing

June 15, 2026

- Public Hearing before Roseville City Council

CITED CITY CODE SECTIONS

Sec. 405.02. - Nuisances affecting public comfort or repose.

(7)Parking and storage. The outside parking or storage on residentially-zoned property of vehicles, materials, supplies or equipment in violation of the provisions set forth below:

b.Storage on property. No person may place, store or allow the placement or storage of the following in the front yard or unscreened street-facing side yard of a corner lot of any residential zoned area:

3.Vehicles of any type in inoperable condition;

d.Vehicle parking, general. No person shall cause, undertake, permit or allow the outside parking and storage of vehicles in residentially-zoned property unless it complies with the following requirements:

1.Vehicles shall be on an improved surface as defined in this Code.
2.Vehicles must be owned by a person who is a legal resident of that property and continuously maintain current registration and licensure.

Sec. 405.04. - Vehicles constituting a public nuisance.

a. Abandoned, Junk, Unauthorized and Inoperable Vehicles Create Hazard: Abandoned, junk, unauthorized and inoperable vehicles are declared to be a public nuisance creating hazard to the health and safety of the public because they invite plundering, create fire hazards, attract vermin, and present physical dangers to the safety and well-being of children and other citizens. The accumulation and outside storage of such vehicles is in the nature of rubbish, litter and unsightly debris and is a blight on the landscape and a detriment to the environment. It shall be unlawful for a person to pile, store or keep wrecked, junked, inoperable, unauthorized or abandoned vehicles on private or public property.

d. Vehicles Without Current Registration: Except where expressly permitted by state law, any vehicle or other equipment, which requires registration for operation in the State of Minnesota, shall be deemed to be junked, inoperable, unauthorized or abandoned if said vehicle does not have attached thereto a valid registration issued by the proper State agency.

City of ROSEVILLE Minnesota, USA

May 29, 2026

Case #ENF26-082

Lindsey M Johnson
2001 Asbury St
Roseville MN 55113-5820

Dear Property Owner,

The City previously notified you that your property at was in violation of Roseville's City Code. A re-inspection of the property revealed that the initial request has not been fully complied with. The following violations were observed at the follow up inspection:

- Unlicensed and inoperable vehicle stored outside on property.

These are violations of Roseville's City Code, specifically:
405.02(7), *Parking and storage.* The outside parking or storage on residentially-zoned property of vehicles, materials, supplies or equipment in violation of the provisions set forth below:

b.*Storage on property.* No person may place, store or allow the placement or storage of the following in the front yard or unscreened street-facing side yard of a corner lot of any residential zoned area:

3. Vehicles of any type in inoperable condition; or

d. *Vehicle parking, general.* No person shall cause, undertake, permit or allow the outside parking and storage of vehicles in residentially-zoned property unless it complies with the following requirements:

1. Vehicles shall be on an improved surface as defined in this Code.
2. Vehicles must be owned by a person who is a legal resident of that property and continuously maintain current registration and licensure.

Corrective Measures:

Please make the following corrections by within **5 days** from the date of this notice and keep continuously maintained in compliance thereafter:

- Ensure all vehicles stored outside are operable and display current licensure, move unlicensed and / or inoperable vehicles to storage inside of a structure, or remove inoperable and unlicensed vehicles from property.

If the violations listed are not corrected within **5 days** and continuously maintained in compliance thereafter, the City will move forward with further action and this matter will be discussed at a public hearing before Roseville's City Council. At this public hearing, the Community Development Department will request authority from the City Council to issue an Administrative Citation and / or perform a City abatement and contract with private companies to have all violations corrected. **This would entail the expenditure of funds for which you, as the property owner, would be responsible to repay.** If the violations are corrected, by you, prior to the public hearing date, the public hearing may be cancelled and the case file closed.

This public hearing would be scheduled at future City Council meeting. You will be notified of the date. City Council meetings are held in the City Council Chambers located at 2660 Civic Center Drive and begin at 6:00 p.m. I encourage you to attend this meeting. You will be given the opportunity to speak. If you have any questions regarding this matter, please contact me at 651-792-7083.

Sincerely,

City of ROSEVILLE Minnesota, USA

Community Development Department
2660 Civic Center Drive ❖ Roseville, Minnesota 55113
651-792-7014 ❖ fax 651-792-7070 ❖ www.cityofroseville.com

June 3, 2026

Case #ENF26-082

Lindsey M Johnson
2001 Asbury St
Roseville MN 55113-5820

Dear Property Owner:

The City of Roseville is committed to protecting and enhancing the character, stability, and appearance of the City's residential neighborhoods and commercial areas by maintaining the standards and enforcing the regulations established in Roseville City Code. The City has verified code violations at your property. The City of Roseville intends to hold a public hearing before City Council to discuss possible administrative citation or abatement for the violations identified below:

The combined ongoing violations include:

- Unlicensed and inoperable vehicles stored outside on property. Vehicle also not owned by legal resident of property

These are violations of Roseville's City Code, specifically:
405.02(7), *Parking and storage*. The outside parking or storage on residentially-zoned property of vehicles, materials, supplies or equipment in violation of the provisions set forth below:

b.*Storage on property.* No person may place, store or allow the placement or storage of the following in the front yard or unscreened street-facing side yard of a corner lot of any residential zoned area:

3. Vehicles of any type in inoperable condition; or

d. *Vehicle parking, general.* No person shall cause, undertake, permit or allow the outside parking and storage of vehicles in residentially-zoned property unless it complies with the following requirements:

1. Vehicles shall be on an improved surface as defined in this Code.
2. Vehicles must be owned by a person who is a legal resident of that property and continuously maintain current registration and licensure.

Corrective Measures:

- Ensure all vehicles stored outside are operable and display current licensure, move unlicensed and / or inoperable vehicles to storage inside of a structure, or remove inoperable and unlicensed vehicles from property.

This matter will be discussed at a public hearing before Roseville's City Council. At this public hearing, the Community Development Department will request authority from the City Council to perform an abatement to remove the violations from the property. This would entail the expenditure of funds for which you, as the property owner, would be responsible to repay. If the violations are corrected prior to the public hearing date, the public hearing will be cancelled and the case file closed.

This public hearing will be scheduled for an upcoming City Council meeting on **June 15, 2026**, for which you are being notified. City Council meetings are held in the City Council Chambers located at 2660 Civic Center Drive and begin at 6:00 p.m. I encourage you to attend the meeting. You will be given the opportunity to speak. If you have any questions regarding this matter, please contact me at 651-792-7087.

Sincerely,
Dave Englund, Codes Coordinator
651-792-7087
david.englund@cityofroseville.com


CHEVROLET
Z71


HOONIGAN




2001

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.d.

Department Approval

City Manager Approval

Item Description: Receive and Approve Civic Campus Schematic Plans

Background

At the July 7, 2025 City Council meeting, the Council approved moving the Civic Campus project forward using Concept C from the Civic Campus Master Plan Update. The project includes a split Maintenance Operations Center (MOC) with a north yard site and a south site that utilizes part of the existing maintenance facility. The project also includes constructing a new License Passport Center and Dance Studio (LPCDS). Once the project was approved the city solicited for architecture services and Construction Manager at Risk Services (CmaR). At the October 13, 2025 City Council meeting the City approve hiring LHB for Architectural Services and at the November 10, 2025 City Council meeting the City approve hiring Kraus-Anderson (KA) for Construction Manager at Risk Services (CmaR) related to the Civic Campus Master Plan.

Since November the project team including LHB, KA and city staff have been further developing the project through concept design and schematic design. Project development to date has included topography survey, program confirmation, geotechnical work, environmental assessments, concept design and schematic design for the overall project. The team has also worked with the Civic Campus Stakeholder group over a series of three meetings to get feedback on the project.

Representatives from both LHB and KA will give a presentation (Attachment 1) on the overall status of the project including the latest plans, budgets and schedule. The project is current in schematic design and will move the design development shortly if council approves the current plans. The overall goal of the project is to get the project ready for final plans and bidding in October/November of this year for spring 2027 construction.

Policy Objectives

The construction of a new Maintenance Operations Center and License and Passport Center, along with the City Dance Studio, will allow the City to continue to provide needed and valuable services to the residents and businesses of the community in a more efficient manner. The new facilities will ensure that the City's roads, utilities, vehicles, and equipment are maintained at the desired level and that valuable services such as recreational programming and driver’s license and passport processing are conveniently available to community residents.

Equity Impact Summary

The new Maintenance Operations Center and License and Passport Center will provide a benefit to the residents, businesses, and visitors to Roseville. The new facilities will allow for more efficient services to be provided for residents, customers, and users of city parks and infrastructure. With perhaps the exception of adjacent neighborhoods, it does not appear that the construction and operation of the new facilities will disproportionately impact any segment of the population. As with all City projects, staff will continue to identify potential unintended consequences and identify potential alternatives to disproportionally impactful action.

Budget Implications

Below is a table with a quick summary of the two project budgets currently. A more detailed project budget breakdown is included as Attachment 7. Kraus-Anderson will give a more detailed breakdown of the project budget in their presentation.

Civic Campus Project Budget - June 5, 2026

	MOC	LPCDS	**Total**
Total Funding Available	$ 64,200,000	$14,500,000	**$78,700,000.**
Construction Costs Sub Total	$57,646,574	$11,324,892	**$68,971,466**
Soft Cost Sub Total	$6,477,845	$1,813,468	**$8,291,313**
Total Project Costs	$64,124,419	$13,138,360	**$77,262,779**
Variance	*$75,580*	*$1,361,641*	***$1,437,221***

Maintenance Operation Center costs can be funded using funding from the 0.5% local sales tax approved last November, totaling $64,200,000. The project is currently just under budget.

Funding for the LPCDS costs has not been fully identified or has a set budget at this time but the budget reports use the $14,500,000 cost from the Concept C estimate in the Master Plan Update. The project is currently $1,361,641 below the Master Plan estimate.

Staff Recommendations

1. Staff recommends the Council receive reports and provide feedback.
2. Staff recommends the Council approve moving LPCDS and MOC projects into design development phase of project development.

Requested Council Action

1. Receive reports and provide feedback.
2. Motion to approve moving LPCDS and MOC projects into design development phase of project development.

Prepared by: Jesse Freihammer, Public Works Director

Attachments:

1. Presentation
2. LPCDS Schematic Design Report
3. LPCDS Schematic Design Drawings
4. MOC Schematic Design Report
5. MOC South Schematic Design Drawings
6. MOC North Schematic Design Drawings
7. Project Budget

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City Council Presentation

Roseville Civic Campus

June 15, 2026 | City of Roseville

ROSEVILLE

Agenda

Project Background

Stakeholder Engagement Summary

Site Plan & Profiles

Building Interior Layouts

Cost & Project Budget

Schedule

Recommended Action

Project Goals

- Functionality during construction phases
- Project communications & City Council engagement
- User considerations in flexibility & functional outcomes
- Federal / State entitlements
- Coordinate owner-provided scopes of work
- Maintain the cirtical path for input & decision-making



Scope of this Project: Existing Conditions

Building Key

- A Existing Maintenance Facility
- B City Hall & Police Station
- C Fire Station
- D Licensing / Dance Center
- E Park/VFW Storage Building
- F VFW

Site Key

- 1 Enclosed Yard
- 2 Antennas
- Property Boundary
- Easement Boundary
- 10′ Contour
- 2′ Contour



Predesign Completed 2022

Roseville Civic Campus Pre-Design Community Engagement Report



EDEN RESOURCES
BUILDING FUTURE FORWARD

CE Report, v1.0
10/4/2022

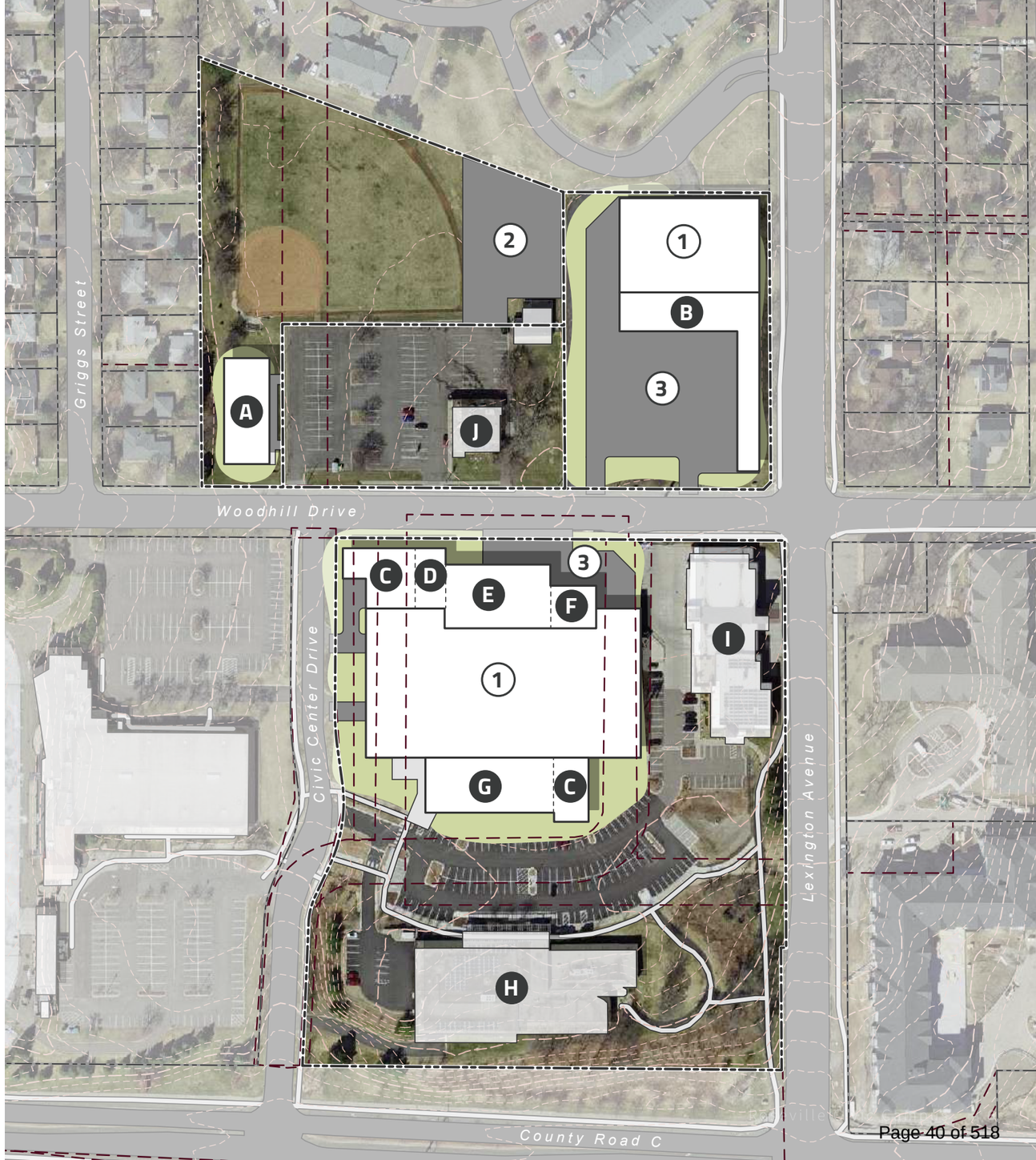
Concept C.1

Building Key

- **A** Licensing / Dance Center
- **B** Salt Buliding
- **C** Flex Office
- **D** Tire Area
- **E** Repair Garage
- **F** Wash Bays
- **G** Admin Offices
- **H** City Hall & Police Station
- **I** Fire Station
- **J** VFW

Site Key

- **1** Enclosed Garage for Fleet Storage
- **2** Parking Lot Expansion
- **3** Paved Area for Vehicle Manuevering
- Property Boundary
- Easement Boundary
- 10’ Contour
- 2’ Contour



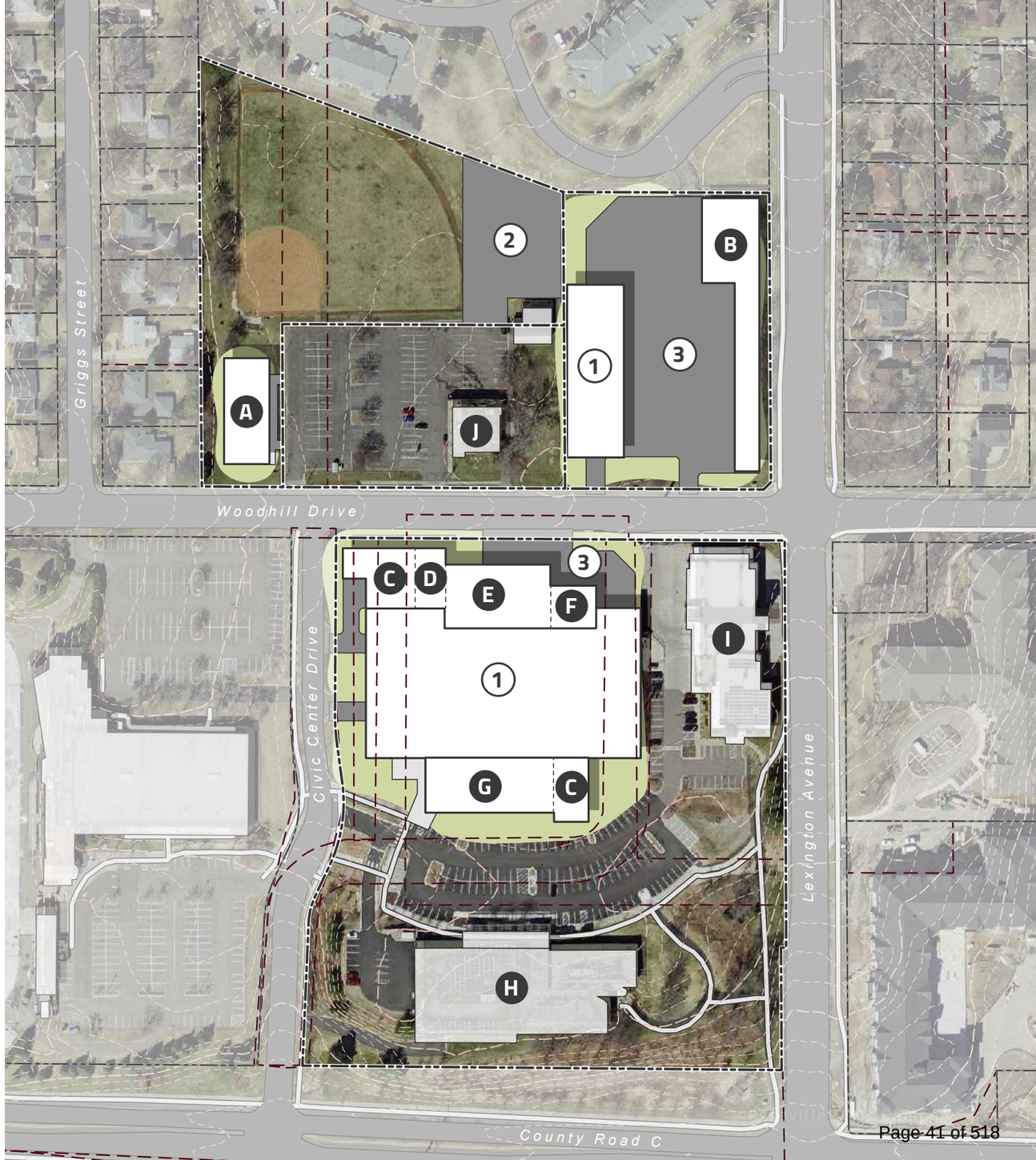
Concept C.2

Building Key

- **A** Licensing / Dance Center
- **B** Salt Buliding
- **C** Flex Office
- **D** Tire Area
- **E** Repair Garage
- **F** Wash Bays
- **G** Admin Offices
- **H** City Hall & Police Station
- **I** Fire Station
- **J** VFW

Site Key

- **1** Enclosed Garage for Fleet Storage
- **2** Parking Lot Expansion
- **3** Paved Area for Vehicle Manuevering
- Property Boundary
- Easement Boundary
- 10’ Contour
- 2’ Contour



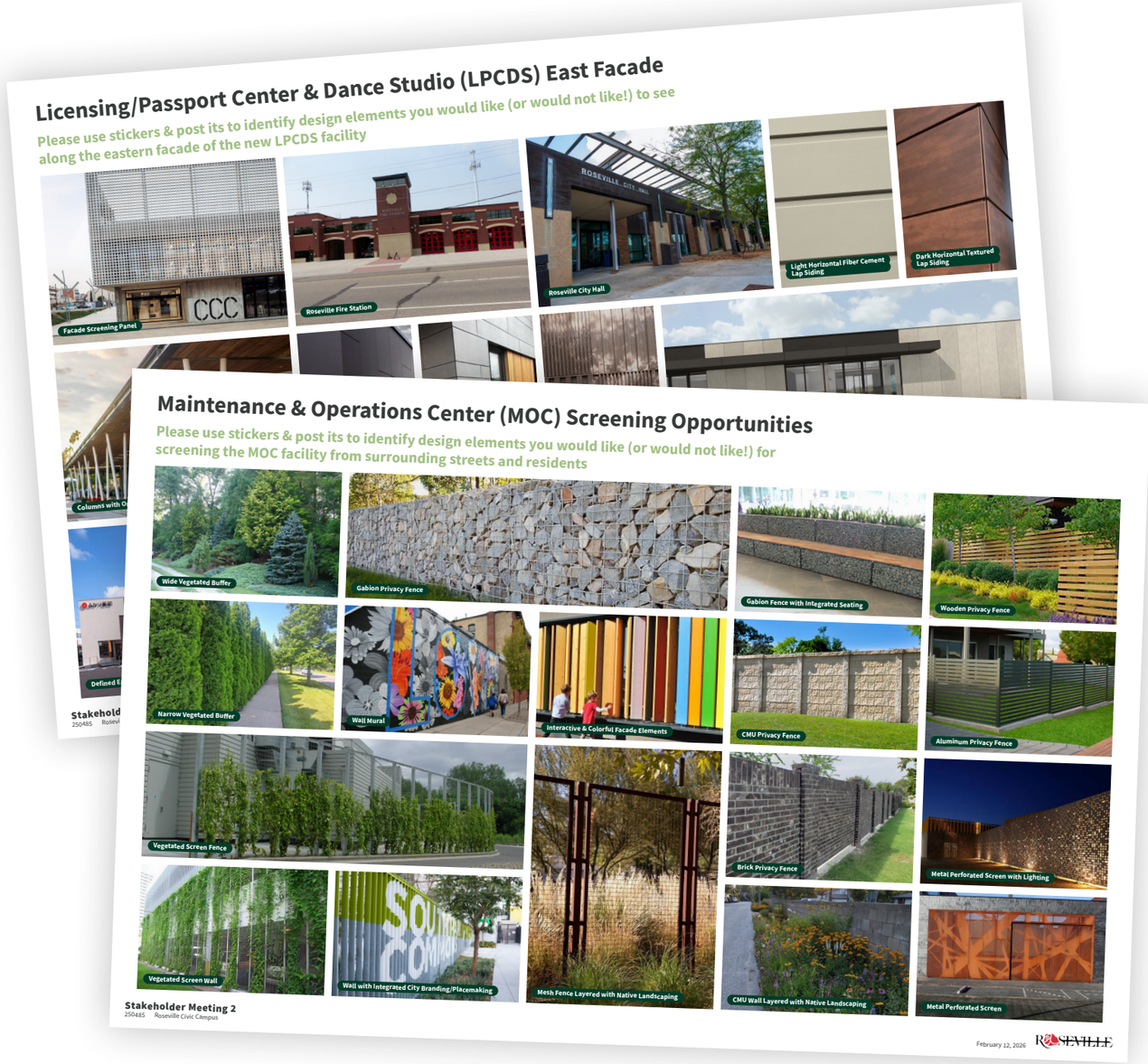
Stakeholder Engagement Summary

What We've Heard So Far

We've held three stakeholder group meetings over the past five months, engaging on topics of building massing, buffering, & site design.

Preferences have been noted for:

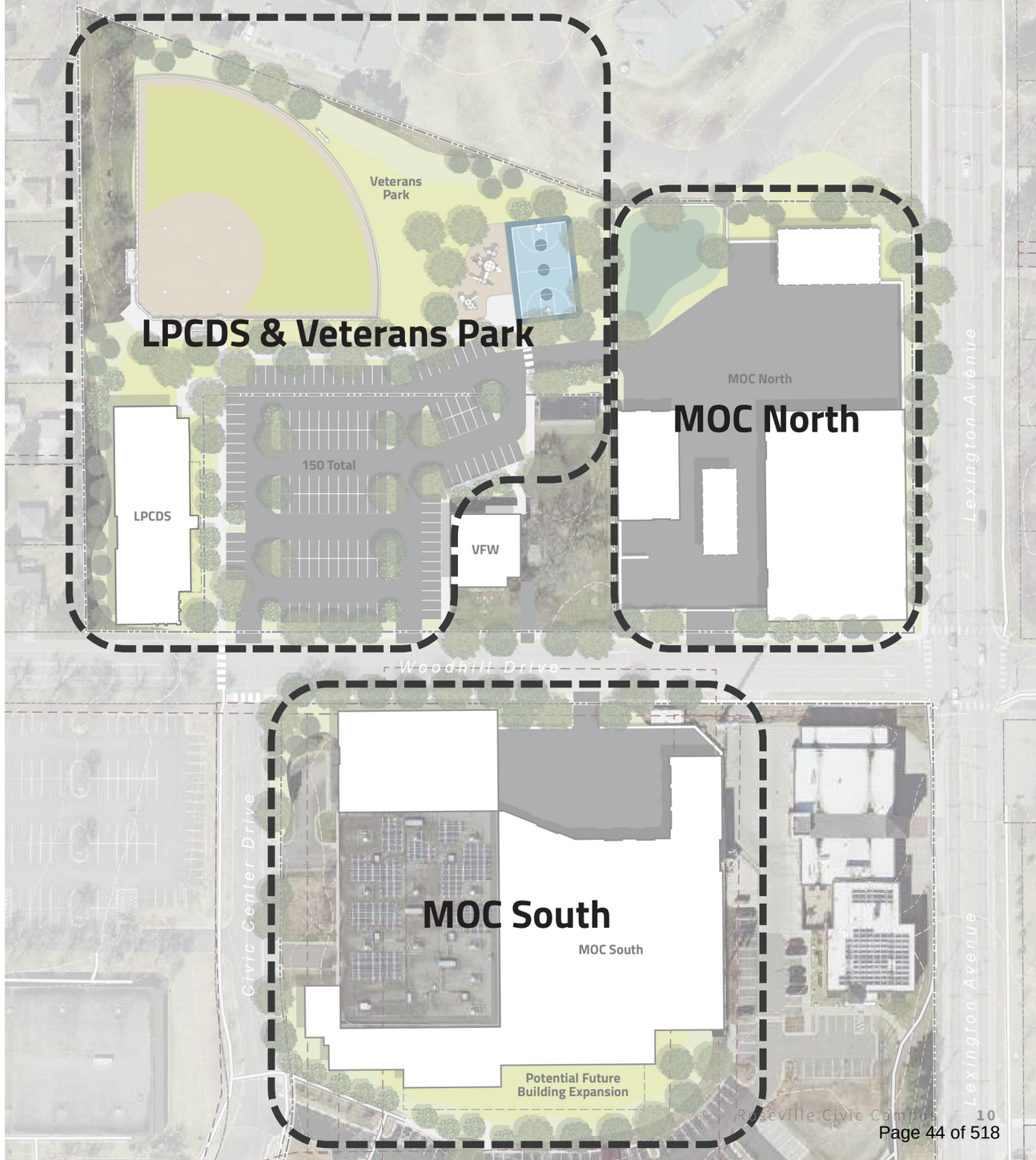
- Layered, vegetative materials for buffering buildings & maintenance yards
- Incorporation of materials like brick that tie to the larger civic campus
- Considerations for sustainability & habitat protection in lighting, paving, windows, & other material/product selection
- Buffer & avoid placing pedestrian circulation between the LPCDS and the neighbors to the west



Index Plan

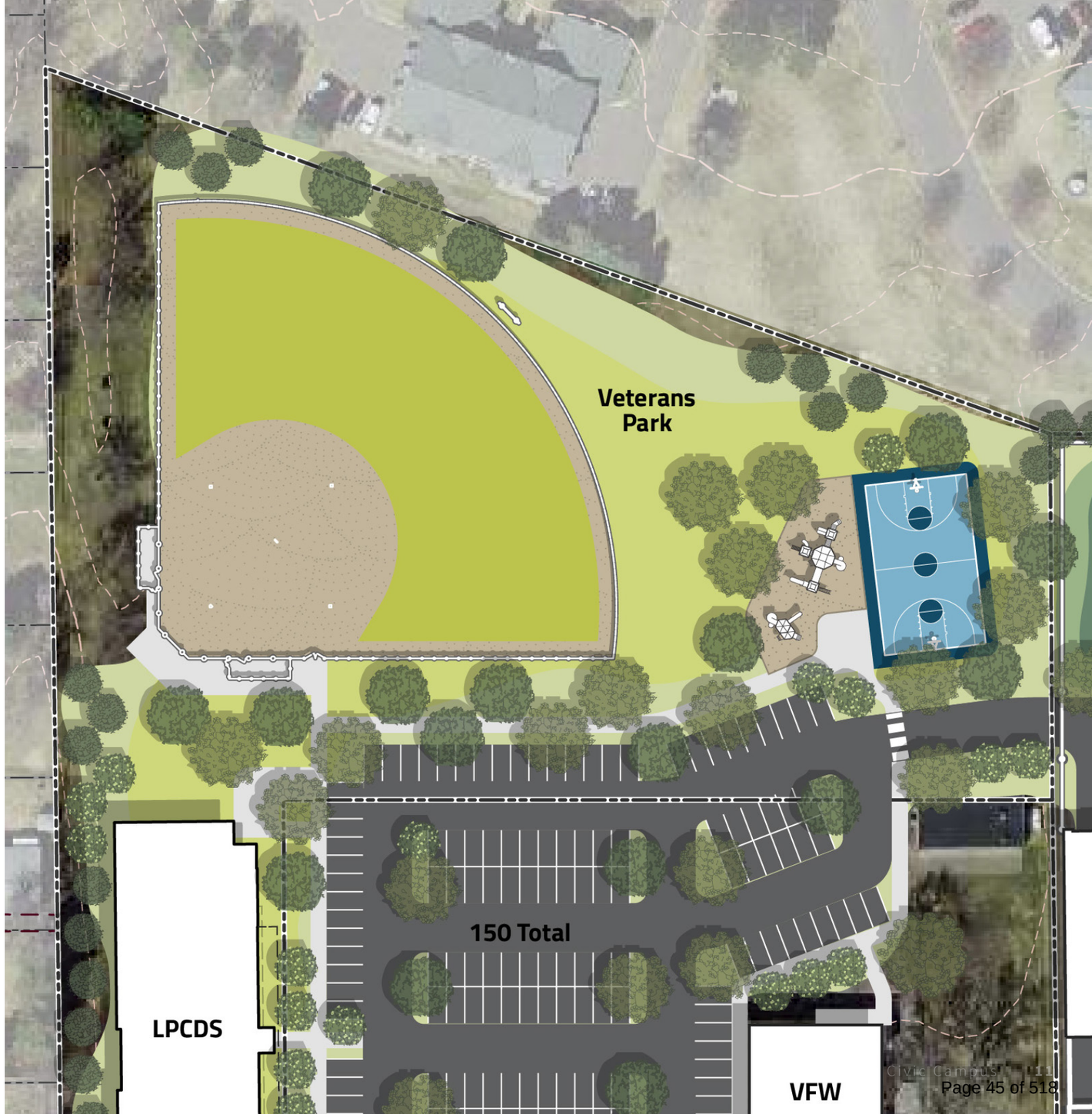
We have developed schematic design for:

- LPCDS
- Veterans Park
- MOC North
- MOC South



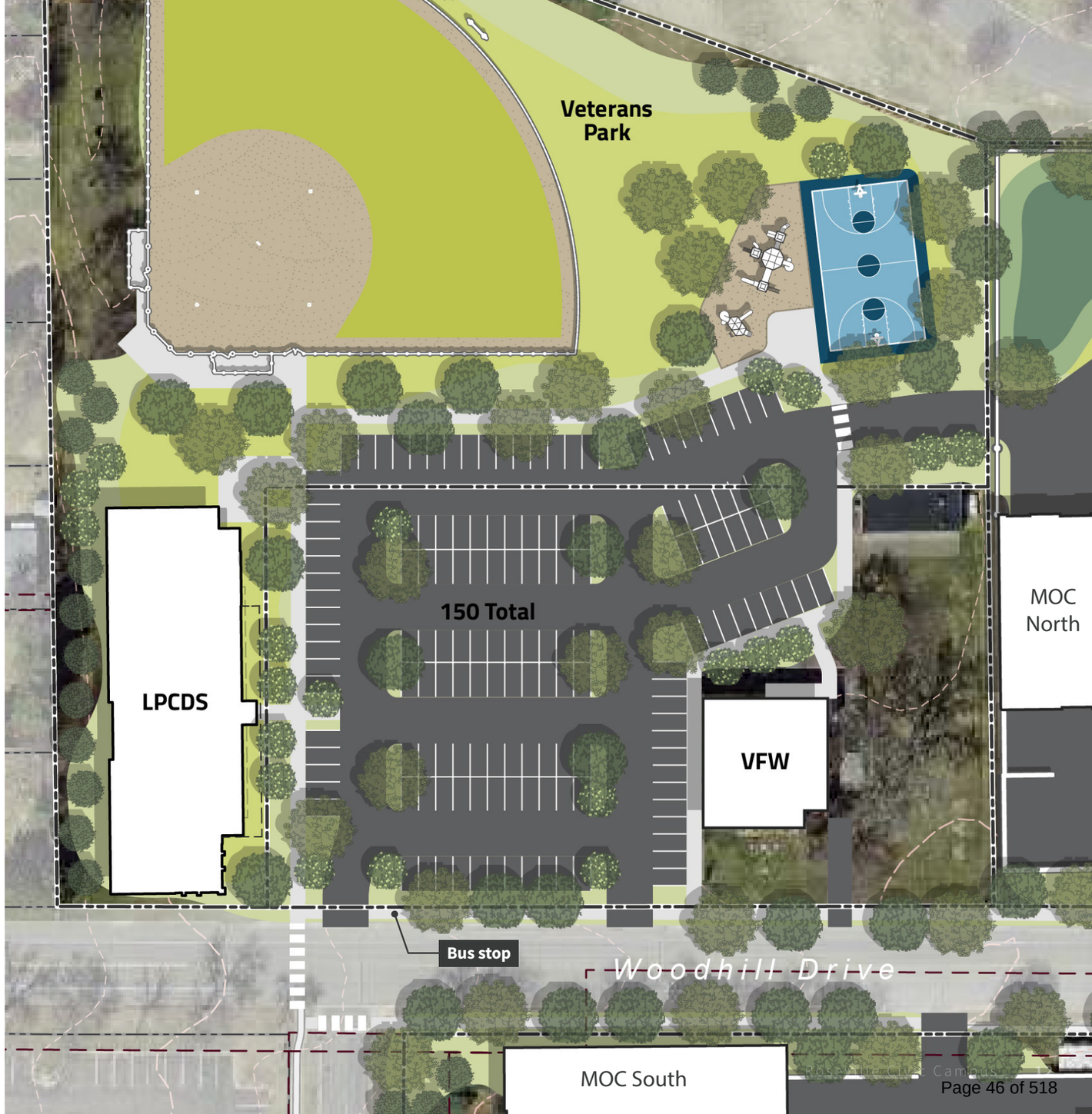
Veterans Park

- Veterans Park's layout was completed for pricing & is currently showing replacement of existing amenities
- Alternative concepts considered but current feedback selected based on system needs, engagement feedback, and funding considerations
- Improvements:
  - Dedicated Fastpitch Softball Field
  - Full Court Basketball
  - Updated Playground
  - Explore the Addition of Veterans Memorial
- Further engagement will be conducted regarding specifics



LPCDS Site

- Parking lot has been designed to tie into larger civic campus while accommodating shared use between VFW, LPCDS, & the park
- LPCDS building footprint has been sited in consideration of parking, park, & stormwater while allowing a 26’ minimum setback from neighbors
- Stormwater is planned for under the parking lot – reuse opportunities are being explored
- Bus stop will be provided near crosswalk and LPCDS driveway entry in coordination with Met Transit



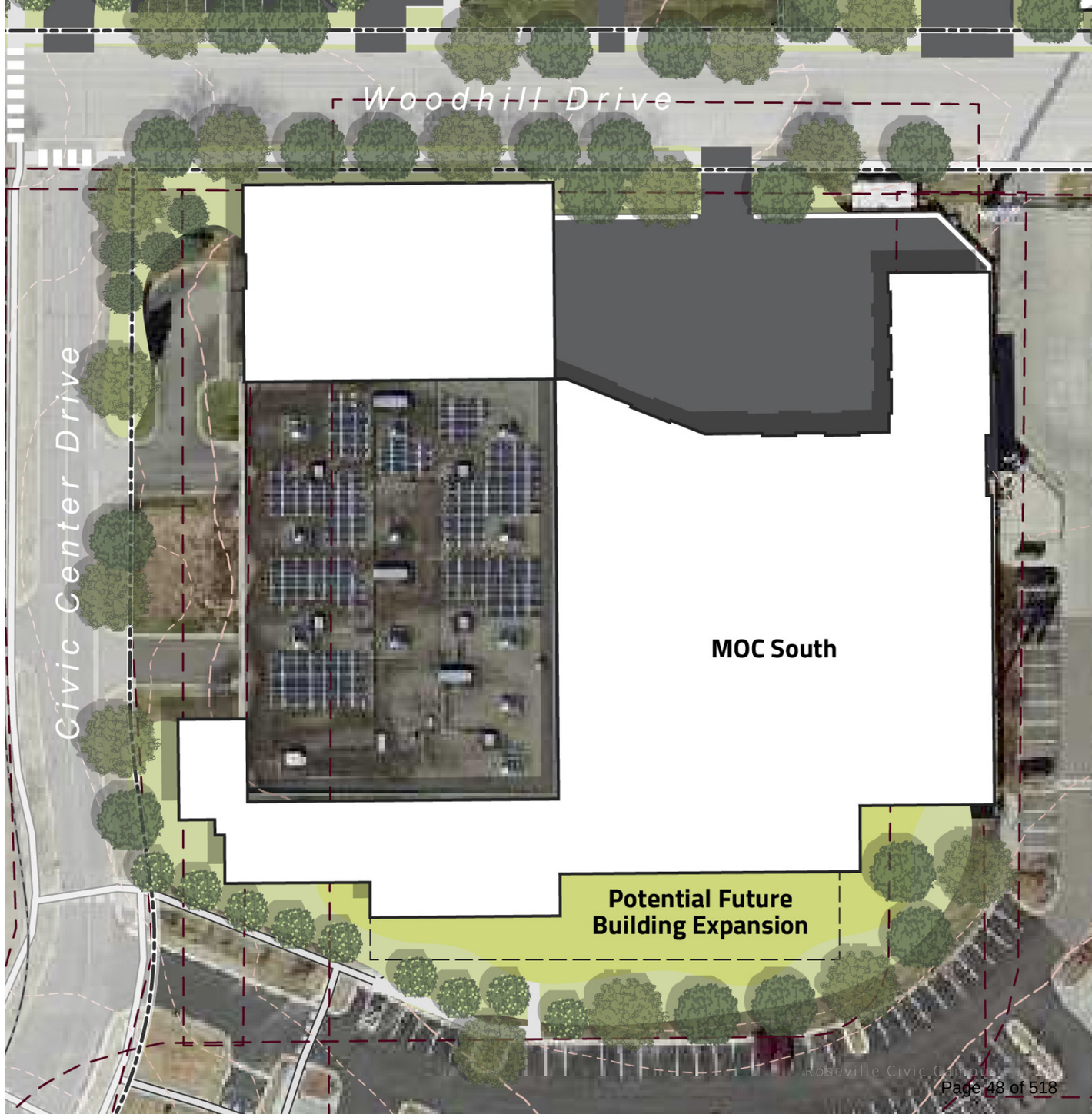
MOC North Site

- Screening & buffering planned for all four sides of the site
- Surface stormwater management planned for the site's northwest corner
- Water reuse opportunities are being explored to utilize stormwater for vehicle washing

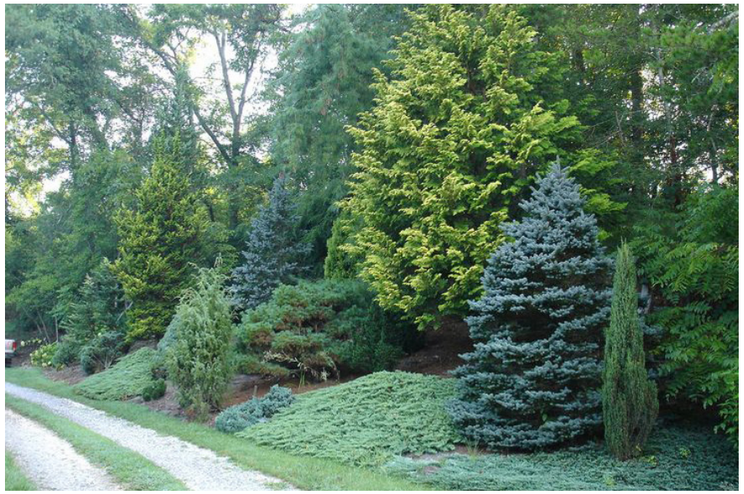


MOC South Site

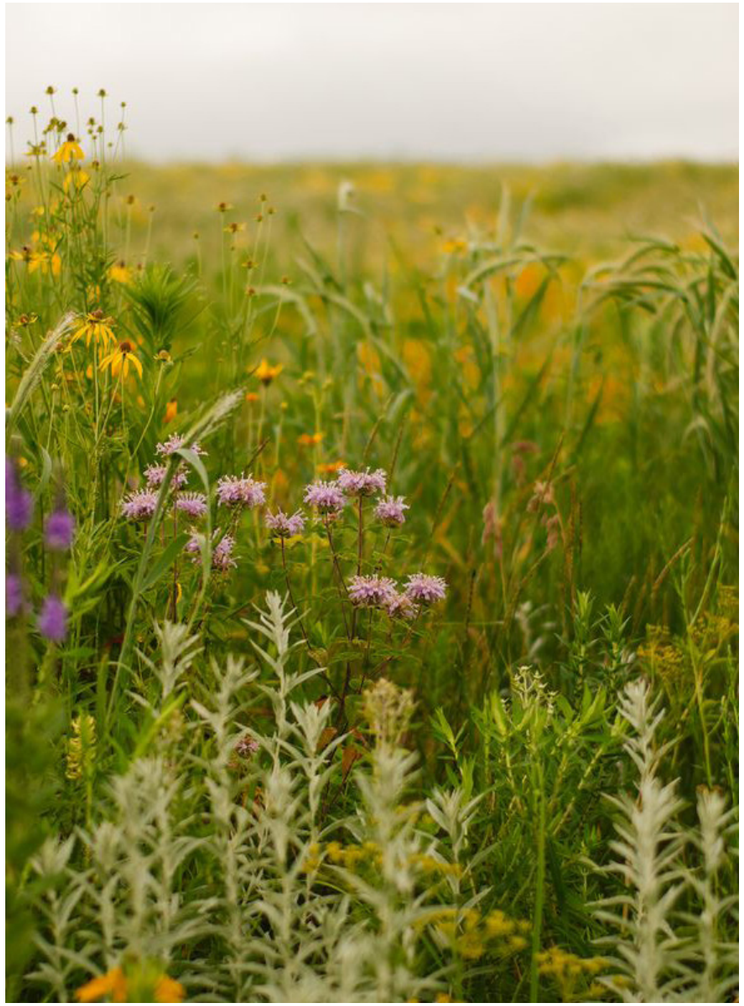
- Complete trail connection along the south side of Woodhill Drive from Lexington to Civic Center
- Leave flexibility for possible future building expansion to the south
- Aim to protect as many trees as possible & replace those impacted per city standards
- Explore the integration of green roofs to assist with stormwater management



Buffers & Landscape





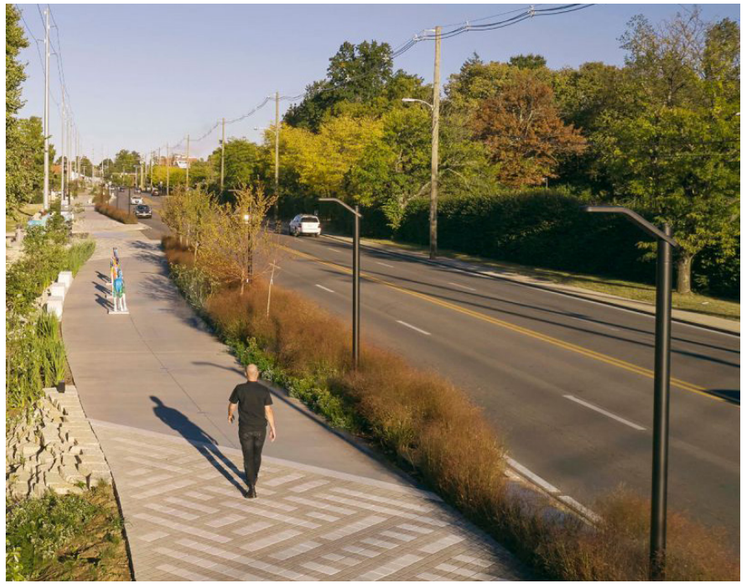






Buffers & Landscape





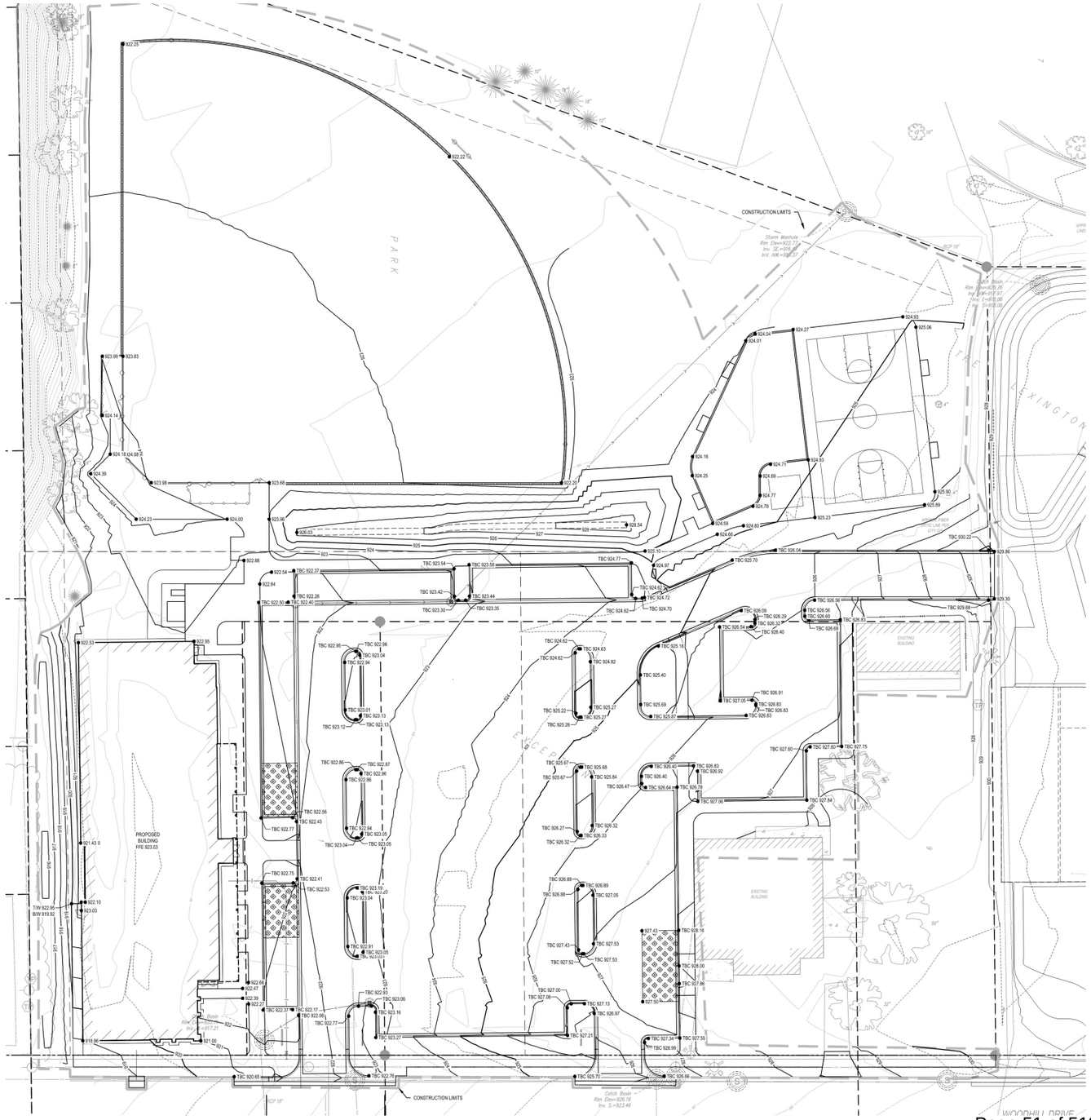




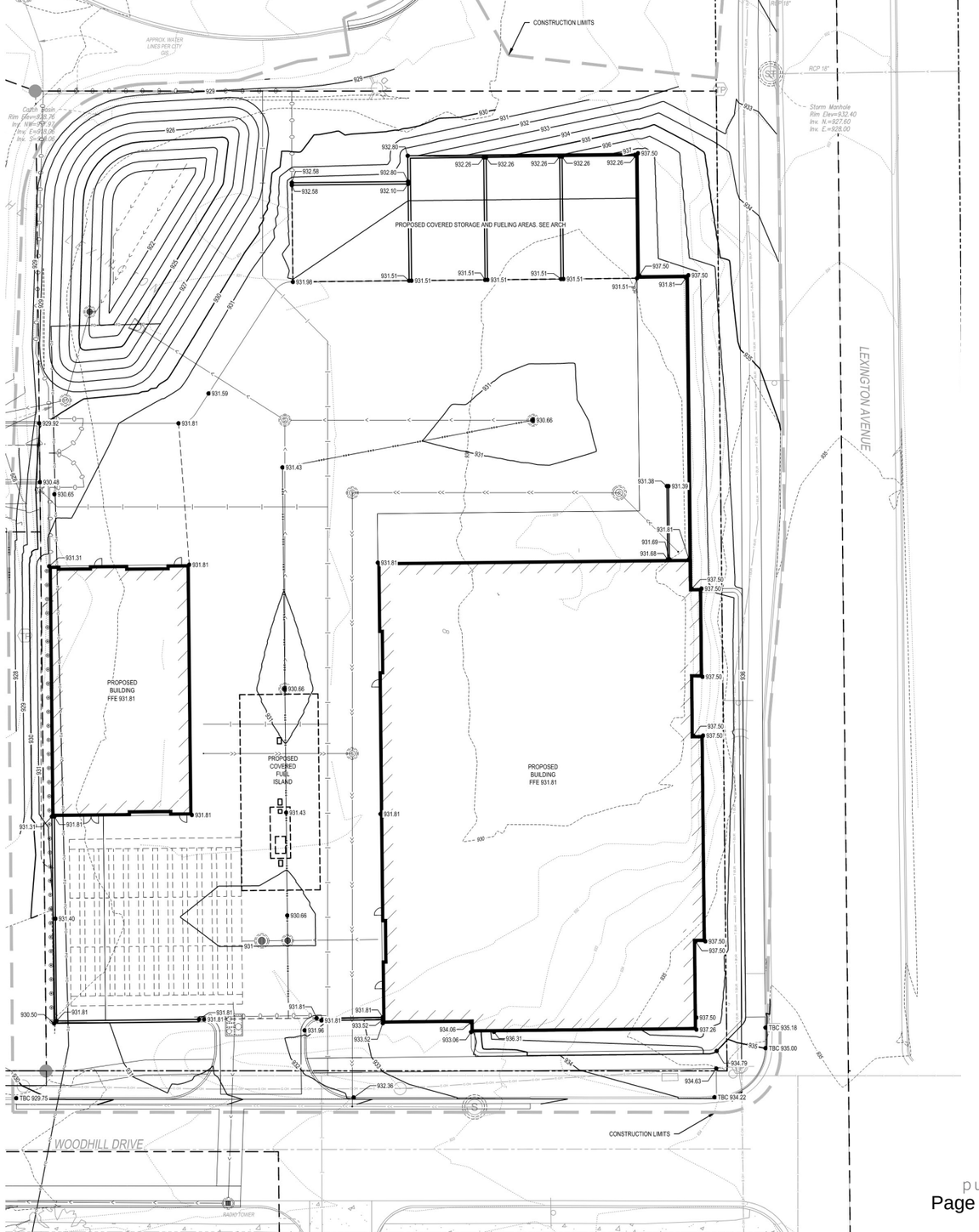




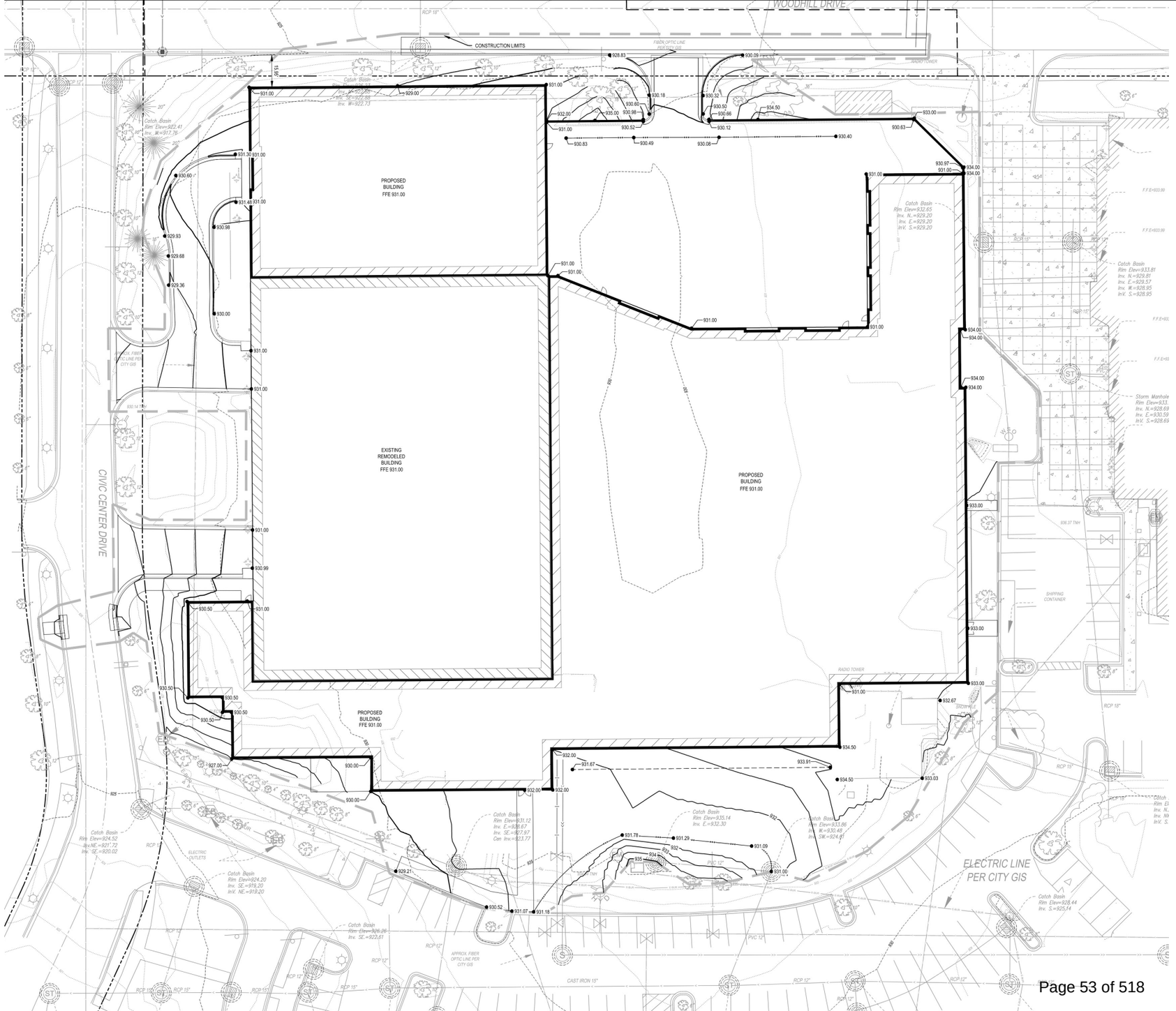
Grading - LPCDS



Grading - North MOC

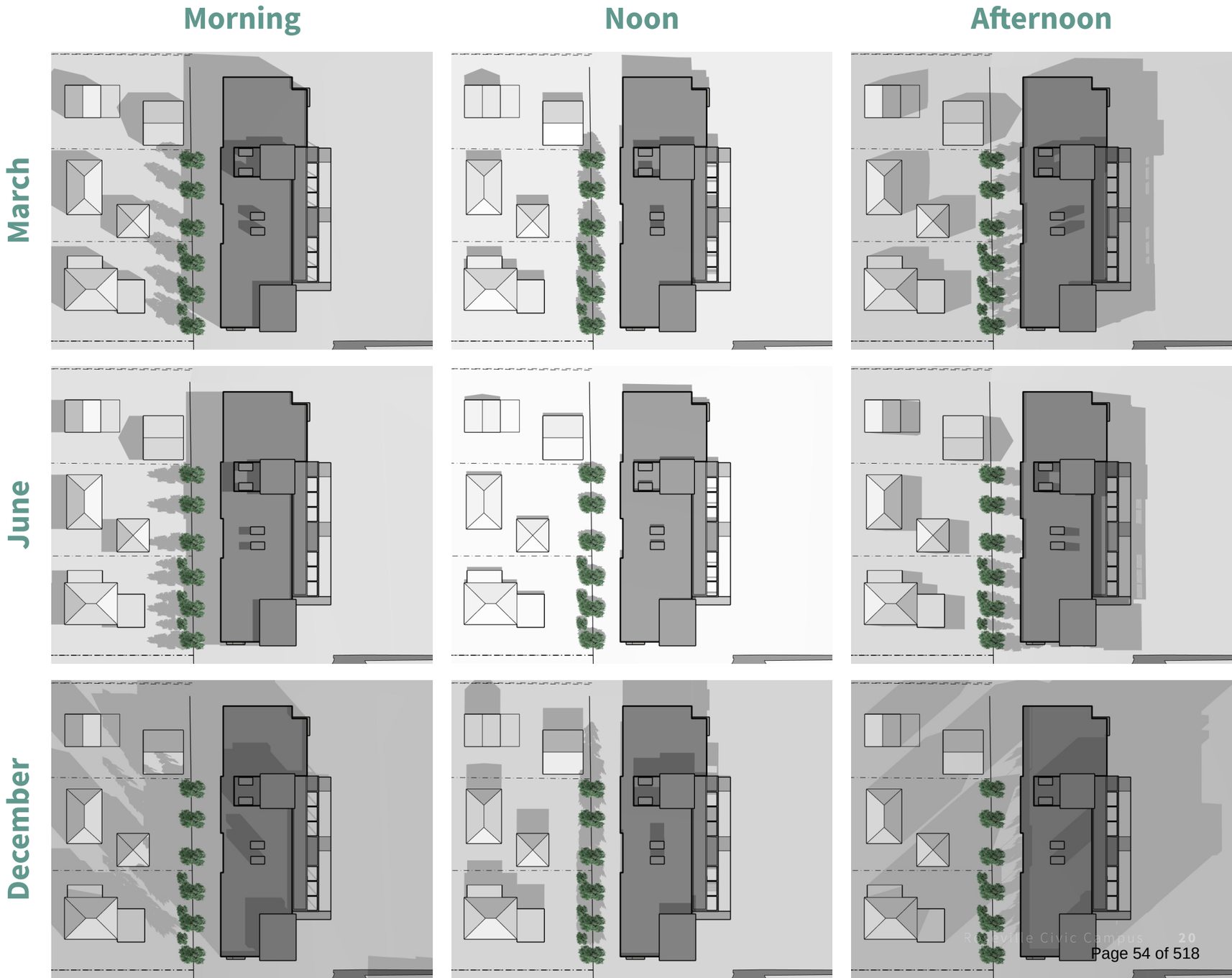


Grading - South MOC



Sun/Shade Study

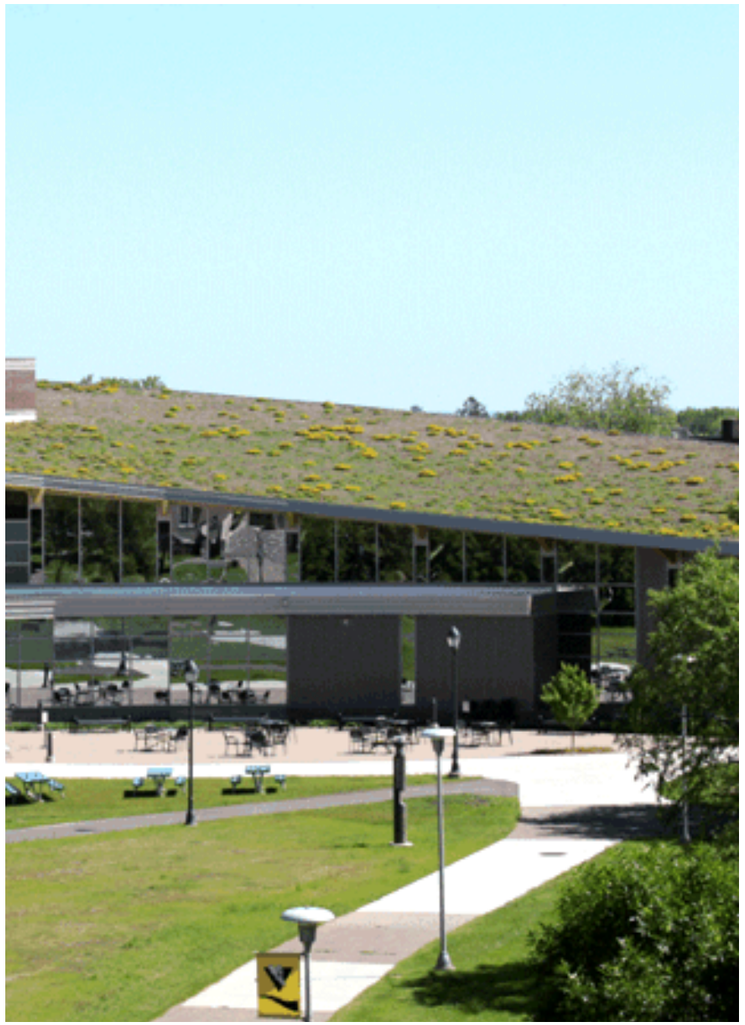
- For the majority of the year, building shade impacts are greatest in the morning hours and primarily stay within the LPCDS property
- December equinox in the morning hours is the only instance where adjacent property will be impacted by building shading



Sustainability Options Being Explored

- Solar
- Geothermal
- Highly Efficient Mechanical Systems
- Stormwater Reuse
- Green Roofs



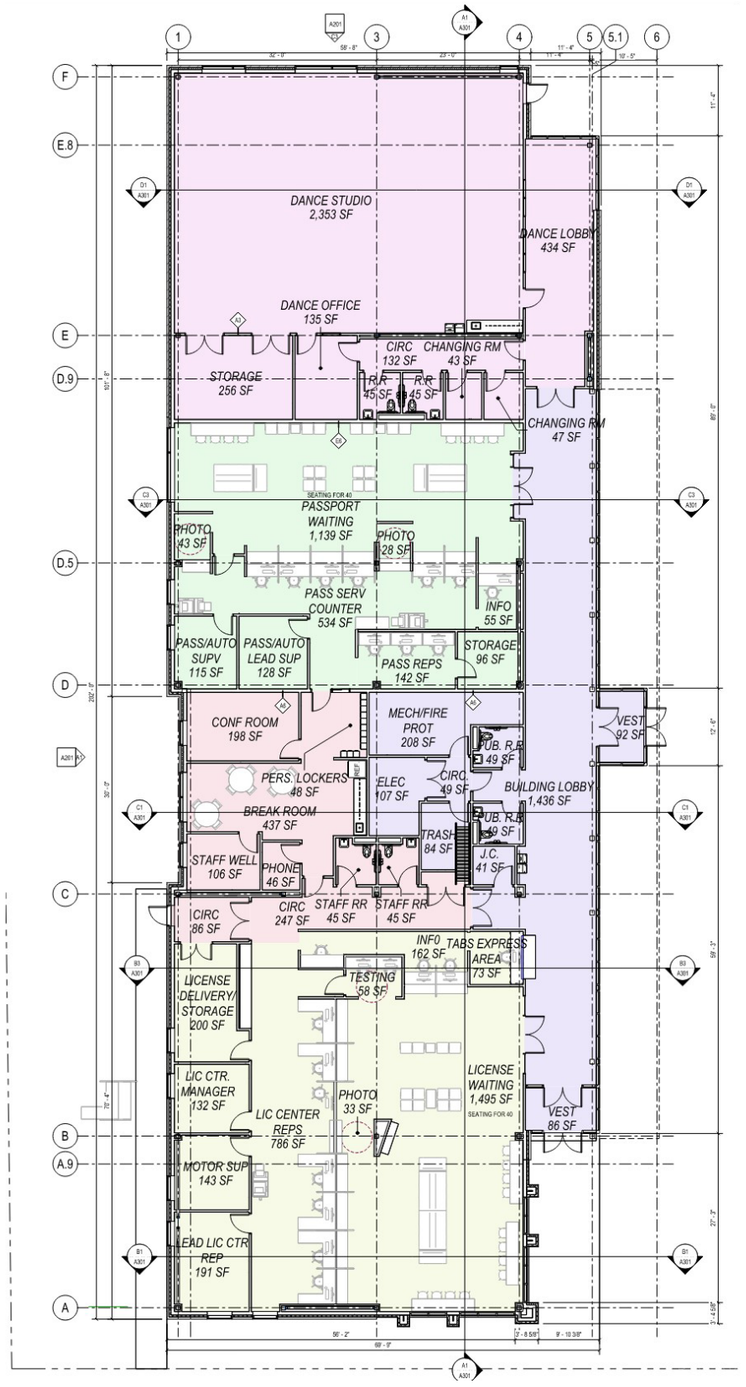


LCPDS Building Program

- License Center
- Office & Storage
- Passport Center
- Dance Studio
- Lobby



LPCDS Building Floor Plan



Perspective



East Elevation



North Elevation



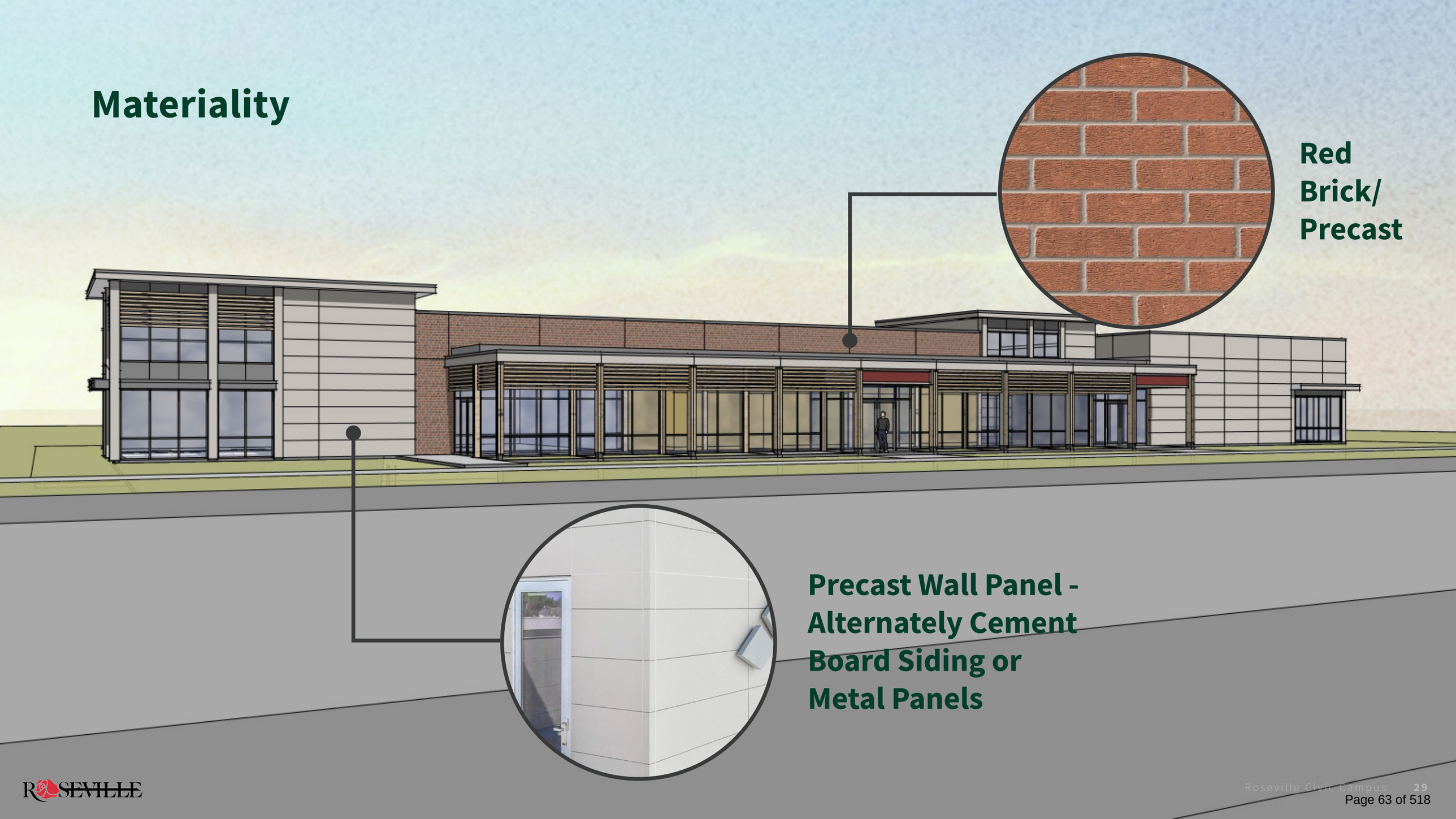
West Elevation



South Elevation



Materiality

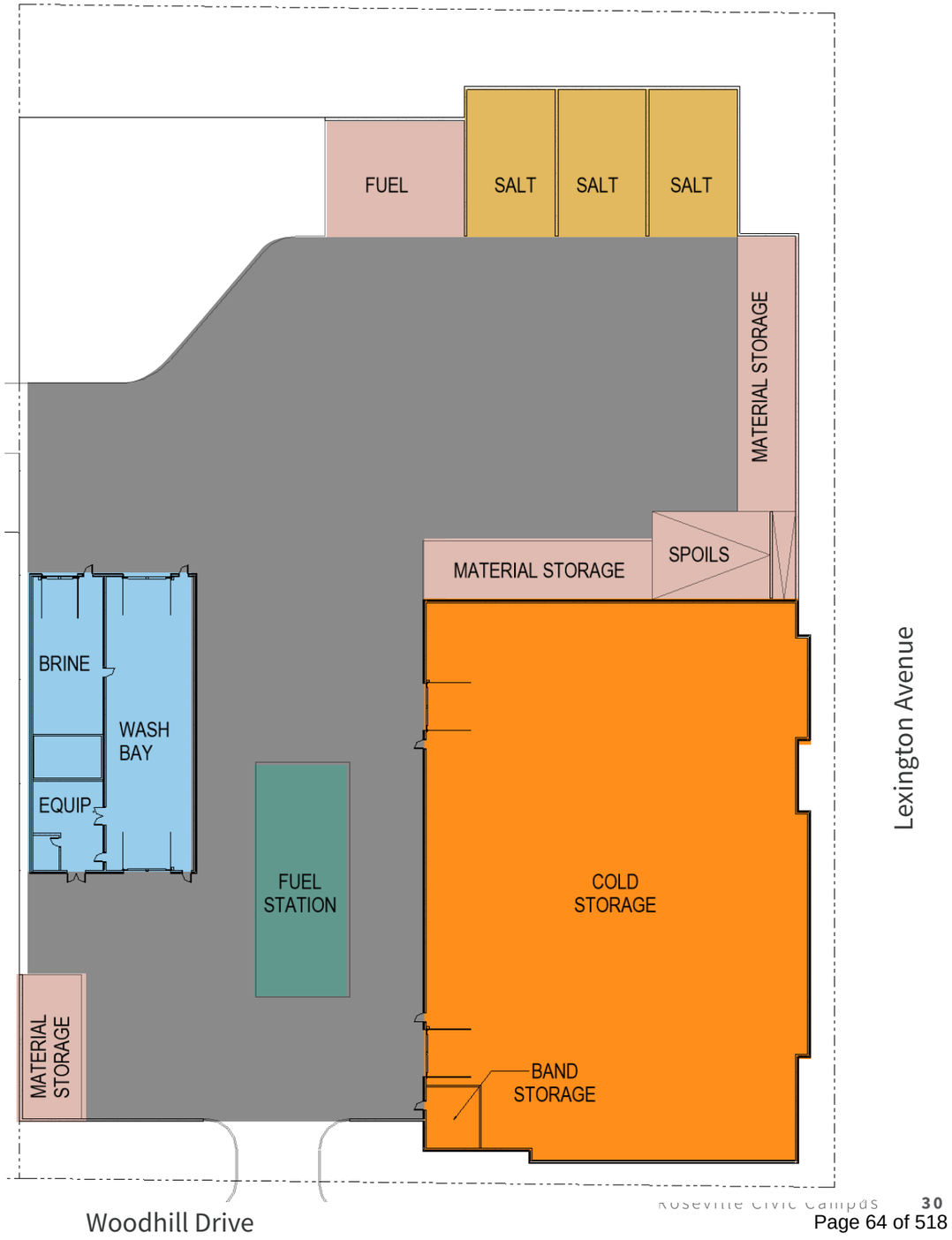


Red Brick/ Precast

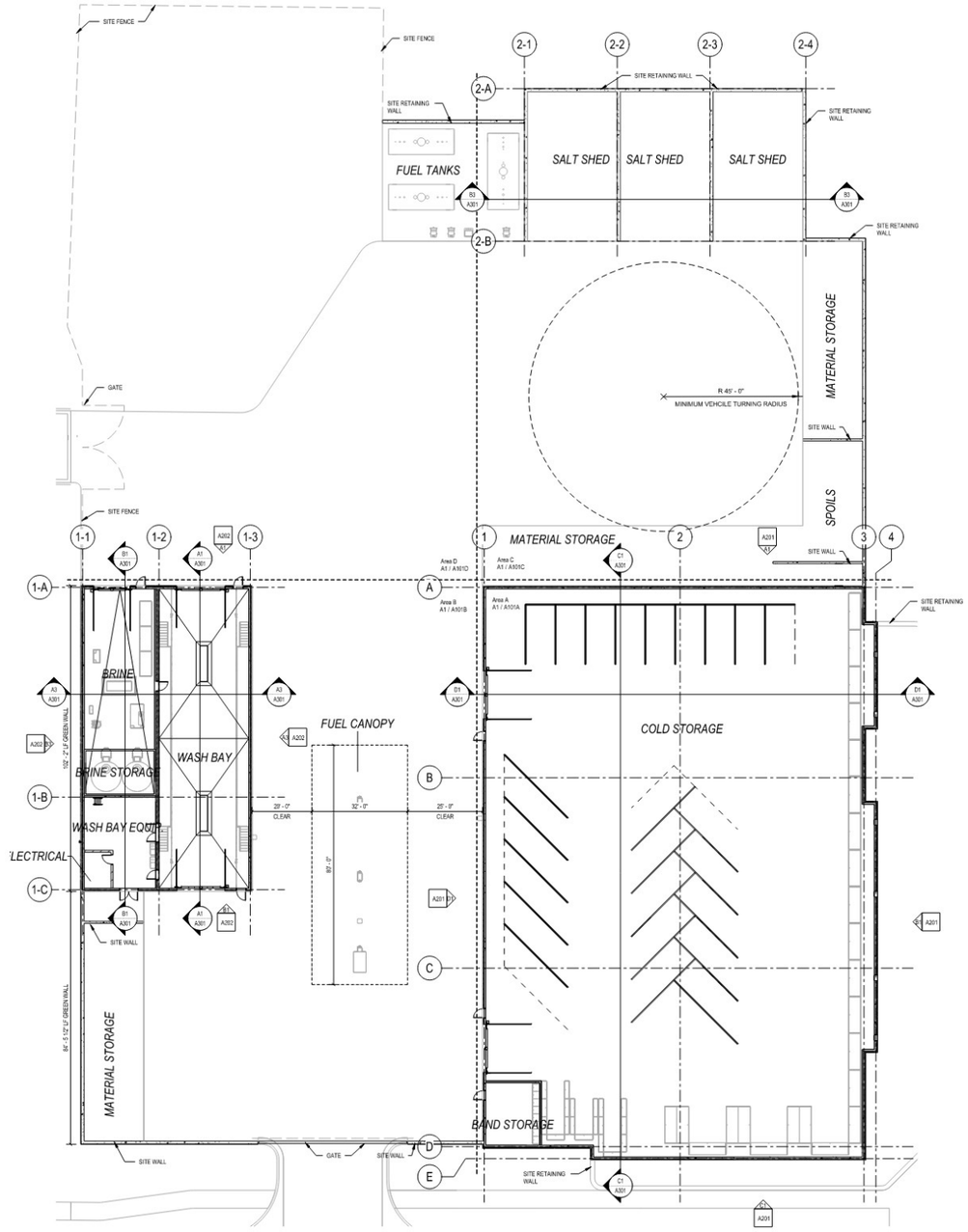
Precast Wall Panel - Alternately Cement Board Siding or Metal Panels

North MOC Building Program

- Cold Storage Building
- Wash Bay & Brine Building
- Covered Salt Storage
- Fuel Station
- Uncovered Outdoor Storage/Equipment
- Maintenance Yard/Vehicle Manuevering Space

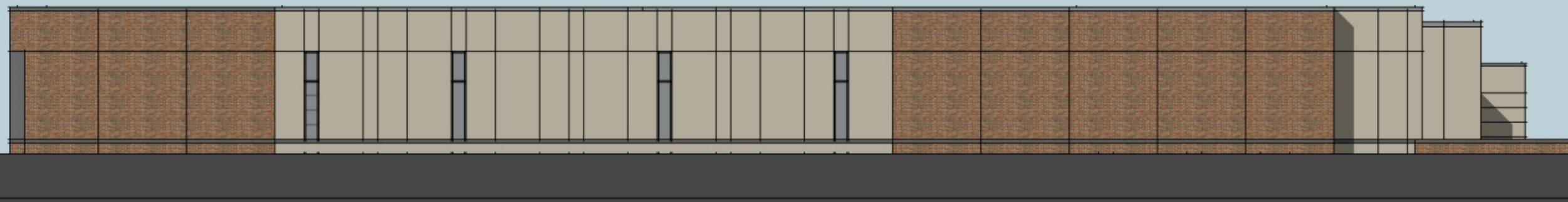


North MOC Building Floor Plan



A1 OVERALL FLOOR PLAN
1/16" = 1'-0"

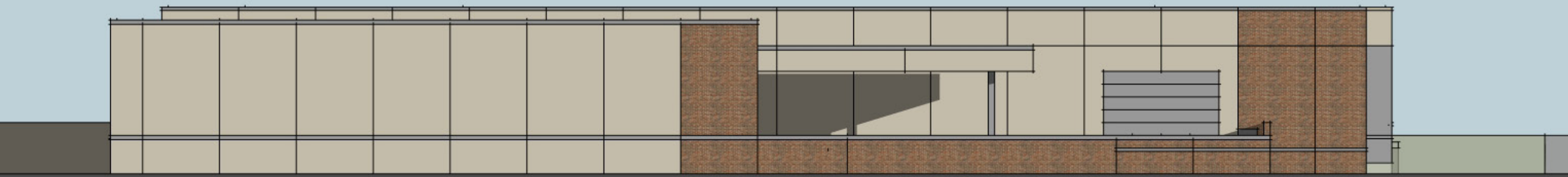
East Elevation



North Elevation



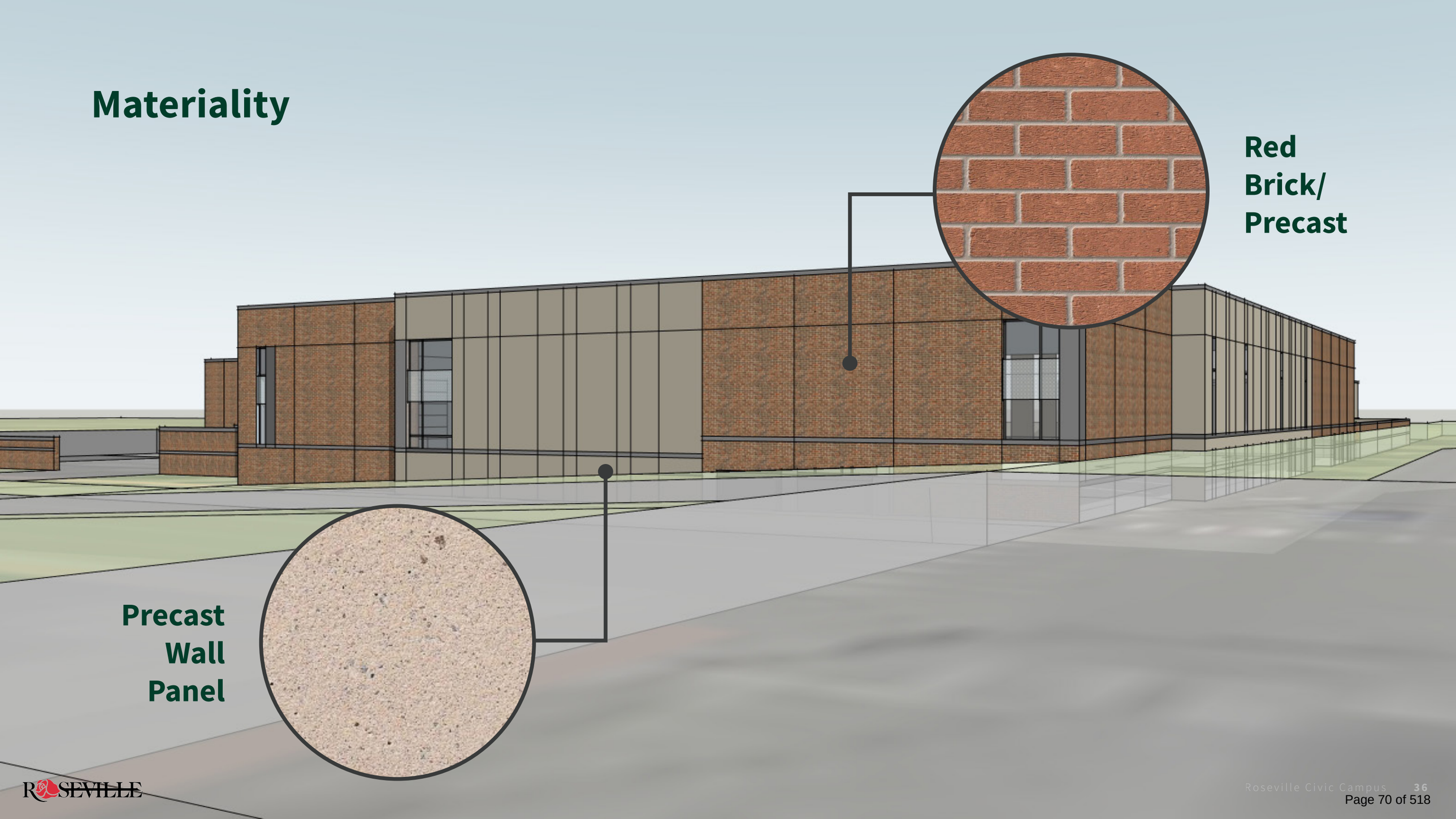
West Elevation



South Elevation

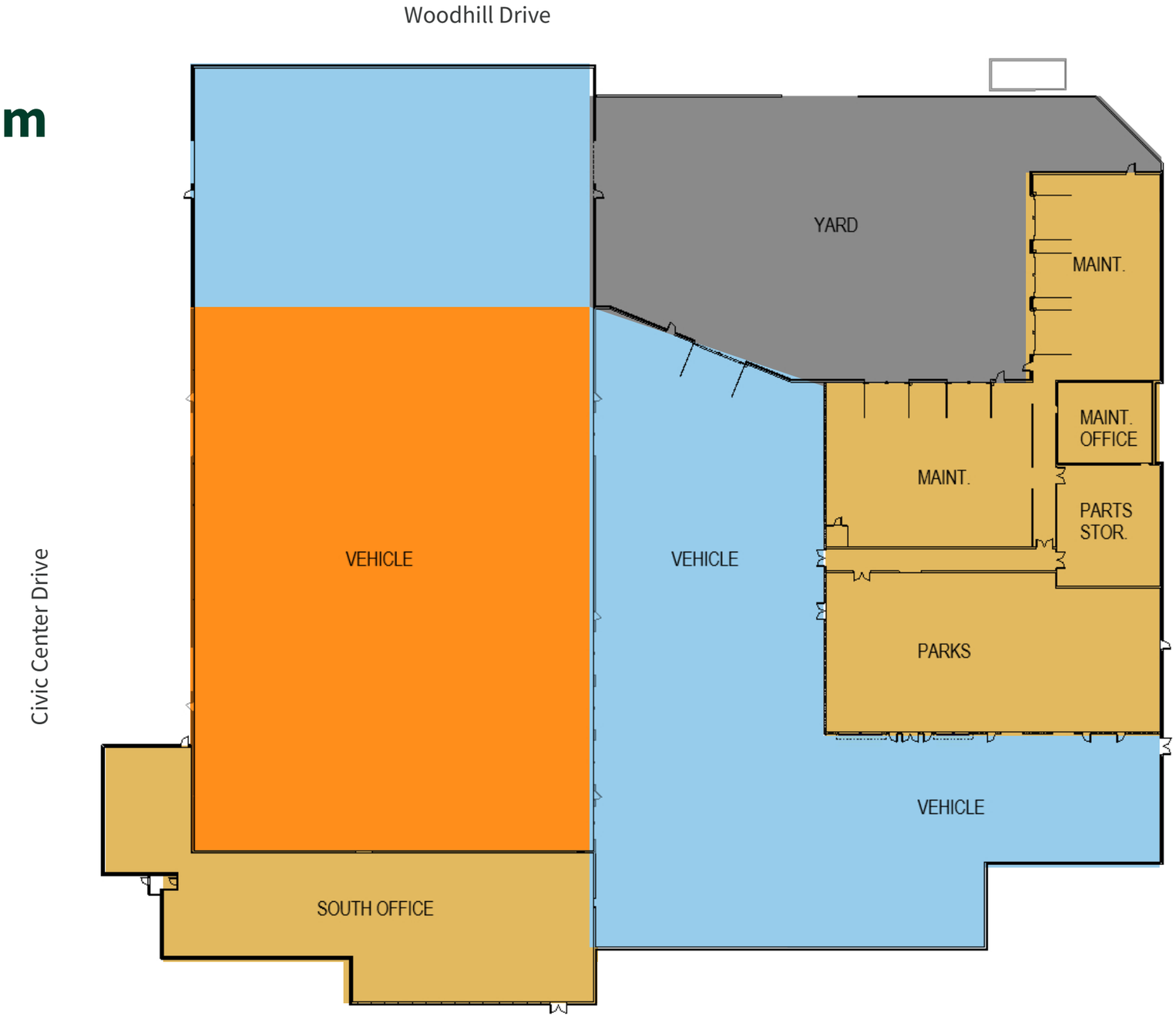


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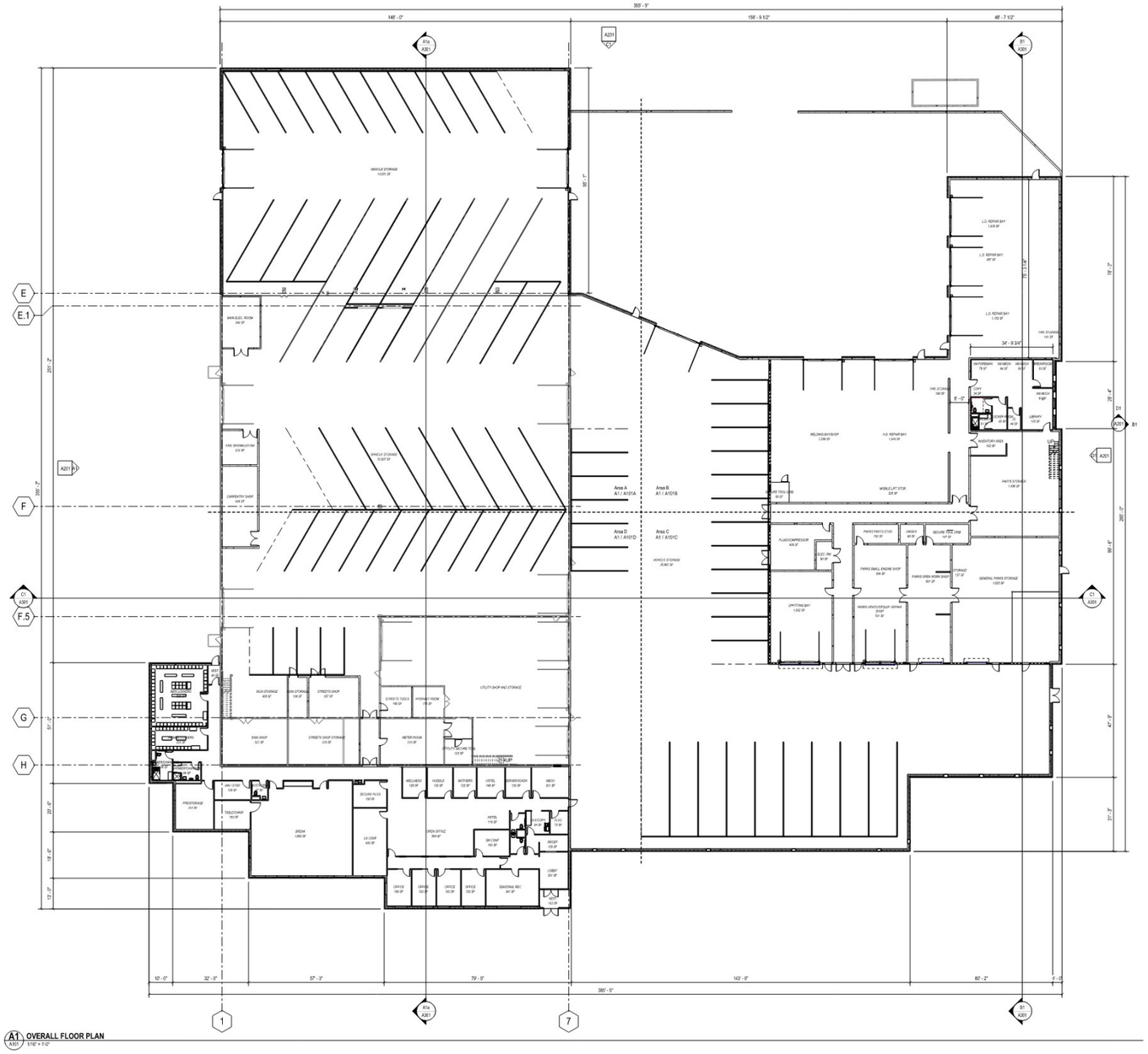


South MOC Building Program

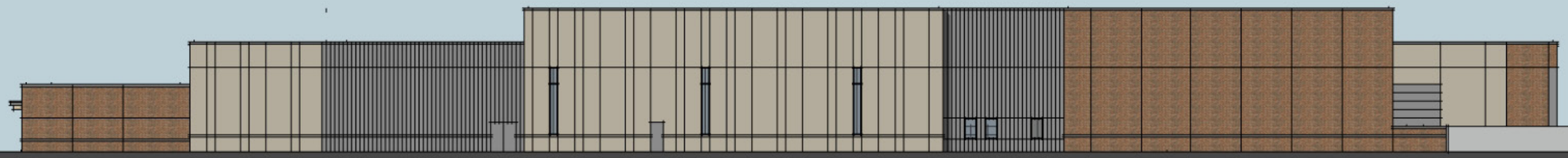
- Existing Vehicle Storage Building to Remain
- New Vehicle Storage Building
- Office & Maintenance
- Maintenance Yard/Vehicle Manuevering Space



South MOC Building Floor Plan



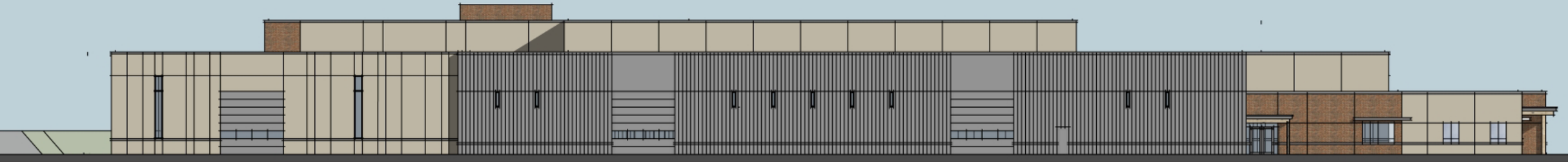
East Elevation



North Elevation



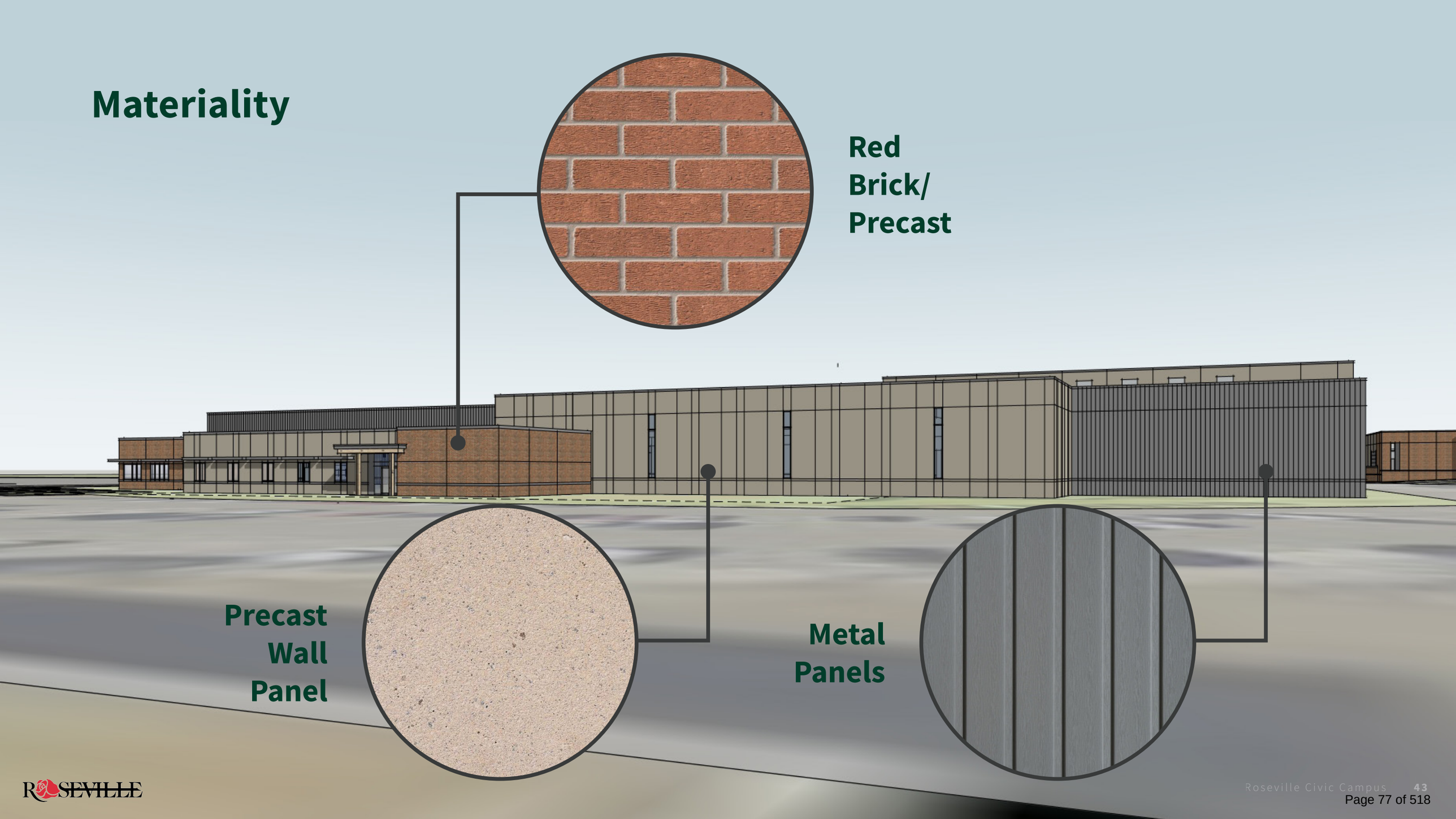
West Elevation



South Elevation



Materiality



Cost & Project Budget - License, Passport, and Dance Studio

Major Cost Item	Master Plan Estimate	Schematic Estimate
Site	$2,529,800	$966,906
Park	$0	$419,207
Building	$6,240,625	$5,993,253
Sustainability Upgrades (Options under review)	$0	$500,000
Design Contingency	$701,634	$737,937
Escalation (Assumes 4%/yr)	$757,765	$487,038
Construction Contingency	$511,491	$455,217
Construction Management, Bonds, Insurance, General Conditions	Included in Soft Costs	$1,765,334
Subtotal Construction	**$11,161,315**	**$11,324,892**
Soft Costs (Design, Permitting, Testing/Inspections, Security, Technology, FFE)	$3,348,394	$1,813,468
LPDS Project Total	**$14,509,709**	**$13,138,360**
Over/Under Budget of $14,500,000	Over $9K	Under $1.36M

Cost & Project Budget - Maintenance Operations Center

Major Cost Item	Master Plan Estimate	Concept Estimate
Parking Lot and Stormwater Restoration	$0	$881,146
Stormwater and Construction Restoration in Park	$0	$697,390
North MOC – Site and Buildings	$11,625,464	$12,323,707
South MOC – Site and Buildings	$25,804,220	$26,113,061
Design Contingency	$3,742,968	$4,001,530
Escalation (Assumes 4%/yr)	$3,293,812	$5,282,000
Construction Contingency	$2,676,988	$2,957,931
Construction Management, Bonds, Insurance, General Conditions	Included in Soft Costs	$5,389,788
Subtotal Construction	**$47,854,452**	**$57,646,574**
Soft Costs (Design, Permitting, Testing/Inspections, Security, Technology, FFE)	$12,920,702	$6,477,845
MOC Project Total	**$60,775,155**	**$64,124,419**
Over/Under LOST Revenue of $64,200,000	Under $3.4M	Under $75k

Schedule

ITEM	SCHEDULE
City Council Design Update #1	June 15th, 2026 (Tonight)
City Council Design Update #2	August / September 2026
City Council Approval to Bid	October 2026
Bidding and Contract Award	November – December 2026
Permitting and Material Procurement	January – April 2027
Construction Phase 1 (LPDS)	Spring 2027 – Spring 2028
Construction Phase 2 (North MOC)	Spring 2028 – Spring 2029
Construction Phase 3 (South MOC)	Spring 2029 – Summer/Fall 2030

Questions and Recommended Action

Requested Council Action

1. Receive reports and provide feedback
2. Motion to approve moving LPCDS and MOC projects into design development phase of project development.



ROSEVILLE LICENSE PASSPORT CENTER AND DANCE STUDIO

SCHEMATIC DESIGN NARRATIVE

May 8, 2026

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PART 1: STRUCTURAL **SYSTEMS**

Structural System

1. Typical Roof Framing:
    a. Metal roof deck.
    b. Steel joists or structural steel beams supported by structural steel girders laid out on approximate 30’-0” by 30’-0” bays.
    c. Structural steel columns are supported by concrete piers and foundations.
2. Building Lobby Framing:
    a. 3” Laminated Douglas Fir Larch Decking with ¾” plywood sheathing over it spanning 6’-0”.
    b. Douglas Fir Glulam beams and girders.
    c. Glulam columns are supported by concrete piers and foundations.
3. Exterior Trellis:
    a. Glulam beams supported on the building side with a thermal connection to the interior glulam beams, and on the exterior by glulam posts.
    b. Glulam posts are supported by concrete piers and foundations.
4. Lateral System:
    a. Structural steel moment frames or braced frames.
5. Exterior Walls:
    a. Cold form steel studs.
    b. Supported by concrete Thermomass foundation walls.
6. Foundations:
    a. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

PART 2: MECHANICAL SYSTEMS

DIVISION 21

Fire Protection

7. Provide a wet pipe fire suppression system throughout the new building with coverage designed in accordance with NFPA 13.
8. Performance-based construction documents will be provided, with final design completed by the chosen Fire Protection Contractor.
9. Hydrant flow tests are still pending for the area, and it is unknown as of this report if a fire protection booster pump will be required for the building.
10. Intent will be to route a larger diameter combined domestic and fire protection water pipe into the building from the east wall under the slab into the mechanical room, where the FP riser will split from the domestic water.
11. It is expected that the building will have a single zone FP riser assembly. The riser will also include a single Fire Department Connection (FDC) and Backflow preventer test connection (BFP) to be located on the building exterior later in design based on Fire Marshall input.
12. Areas of coverage include license and passport lobby and office spaces, as well as a dance studio with offices and storage. Licensing and passport functions do not include large scale printing or chemical operations.
13. Sprinkler heads will generally be concealed but will include exposed types in spaces without ceilings.
14. There is an extended front canopy that may require extended coverage dry-barrel sidewall sprinklers depending on combustibility of final construction type.

DIVISION 22

Plumbing Utilities

1. Domestic water service shall enter the building as described in the fire protection section above.
2. New domestic water riser shall include a water meter with full size bypass and isolation valves, as well as a FP shut-off solenoid valve. If irrigation piping will be included with the project, an RPZ backflow protection device will be provided on the riser to isolate it from the potable water systems.
3. If Natural gas options are selected for the building, a natural gas meter will be placed near the Northwest corner of the building, or on the West wall close to the Mechanical room. NG piping will be routed above ceilings to the Mechanical and/or Janitorial closet within the building.
4. Sanitary waste will be collected below grade and piping will exit the building to the South toward the street.
5. The building will have internal primary and secondary roof drainage for approximately 13,700 SF of roof surface. Primary drainage will be directed to the North toward the park and may be collected for greywater reuse. Secondary draining will daylight to the West side of the building.

Plumbing General

1. Provide new complete plumbing systems for bathrooms (x6), break room/dance sink (x2), janitors closet (x1), and water coolers (x2) to meet MN Plumbing code and all applicable standards and codes from all authorities having jurisdiction.
2. Provide floor drains for all bathrooms, janitorial, and multiple within Mechanical room.
3. Provide tank style storage water heater for fixtures as described above. If natural gas options are chosen for the building, the water heater could be either gas-fired or electric. If a geothermal option is chosen the water heater will be electric. Small capacity will lean this selection toward electric in either case.
4. Any gas-fired equipment shall be provided with condensate treatment.
5. Domestic hot water system shall be provided with circulating piping and pump and will have a central thermostatic mixing valve.
6. Provide low flow fixtures and aerators for sinks and toilets.

Plumbing Materials

1. Piping materials for storm drainage, waste, and vent piping shall be Schedule 40 PVC or Cast Iron.
2. Piping materials for Domestic water shall be copper with soldered or press fit joints.
3. Natural gas piping to be steel if gas-fired options are selected.
4. Domestic water piping shall be insulated to meet code required thickness.
5. Storm piping shall have 1” thick fiberglass insulation.

DIVISION 23

Mechanical Systems General

1. Heating and cooling loads are based on 99.6% ASHRAE design weather data for the Minneapolis/St. Paul area. Heating and cooling will be provided for all interior spaces.
2. Ventilation and cooling air will be provided by 3 variable volume rooftop air handling units (RTUs). Each unit will be provided with energy recovery in the form of a wheel or core with economizing bypass dampers.
3. The RTUs will consist of (x1) approximately 25-ton single zone VAV RTU for the dance studio, and (x2) approximately 15-ton multi-zone VAV RTU for each office area.
4. Ventilation air heating (tempering) will be done by a heating water coil with a 30% propylene glycol mixture working fluid.
5. Air will be distributed through ductwork to spaces with variable air volume terminal units (VAVs) with heating water reheat coils. Smaller spaces with similar load profiles may be grouped onto a single VAV. Rooms will generally have overhead mixing air diffusers and ducted ceiling return grilles.
6. Any open ceiling spaces may have sidewall grilles, or exposed round ductwork with drum louvers.
7. Bathrooms will have code required exhaust flows, likely provided by individual energy star ceiling fans triggered by occupancy with delay off functions. This may also be provided by a centralized fan based on building schedule.
8. Space heating will be done with distributed heating water piping to wall mounted fin tube, cabinet unit heaters, or radiant panels. Terminal heating equipment will be selected for lower water temps with the basis of 140F

with a 30% propylene glycol mixture working fluid. System will include circulator pumps, air separators, expansion tanks, and glycol make-up systems.

9. All HVAC systems within this project will be tied into a central direct digital control (DDC) system, with control valves, dampers, and sensors as needed to operate all pieces of equipment in an efficient manner.
10. All major HVAC equipment will require manufacturer approved start-up technicians.
11. All HVAC systems will require balancing.
12. All HVAC systems and plumbing water treatment and heating systems will require Owner training and contractor furnished commissioning.
13. Commissioning will consist of equipment start-ups attended by the foreman of the mechanical and electrical contractor, start-up reports signed by the start-up technician and contractor foremen, testing and balancing report, Owner training report listing all attendees of the training along with entity they represent, and a DDC system commissioning report provided by the DDC system contractor showing that all sequences have been verified and sensors are properly calibrated.
14. The DDC contractor shall provide 8 hours of onsite time reviewing the sequences and proving working order to the mechanical design team

HVAC Option 1: Natural Gas Boiler w/ DX RTUS

1. Heating distribution method, VAV reheat, and ductwork are to be the same as described above.
2. Provide (x2) approximately 300 MBH high efficiency condensing natural gas boilers as the source of heat for the hydronic system.
3. RTUs will be the same sizes as described above and shall be provided as packaged DX cooling units.
4. EUI for this system with a current code building assembly is estimated in the range of 55-60 kBTU/SF/yr.

HVAC Option 2: Geothermal Source w/ Chilled Water RTUS

1. Heating distribution method, VAV reheat, and ductwork are to be the same as described above.
2. Provide an approximately 40-50 ton, 6-pipe water-to-water heat pump, to provide 140F water during heating season, and 44F water during cooling season. Heat pump capable of minor simultaneous cooling and heating for summer reheat loads.
3. RTUs will be same sizes as described above, with the following differences. The RTUs will now have chilled water coils in place of DX cooling. Units will still utilize energy recovery wheels or cores with economizing bypass.
4. Provide chilled water distribution piping to RTUs, complete with circulation pumps, air separators, and expansion tanks.
5. Provide geothermal heat exchanger and circulation pumps paired with water-to-water heat pump. Field will be approximately 50-60 wells, 250-300 ft deep and spaced in a grid with 20ft separation distances. Field will be located to the North of the building.
6. EUI for this system with a current code building assembly is estimated in the range of 40-45 kBTU/SF/yr

Geothermal Discussion

The benefits of the geothermal system are that it is very efficient, it drops the energy use intensity of the building by up to 16 kBTU/SF/yr, with a total energy saving per year of approximately 50,000 kW. The geothermal system being all electric also means it is better positioned to take advantage of renewable energy sources, whether from the local utility or generated directly on-site in the form of solar panels. Geothermal installations can also qualify for local energy rebates, and federal tax credits.

One of the largest downsides of geothermal energy storage is the initial cost compared to less environmentally friendly system options. This is compounded by the current low cost of natural gas in the state, which shows a lack of payback when compared to the basic natural gas options. Even with a large savings in total energy used, the higher cost of electricity compared to gas, makes the operation of the geothermal system slightly more expensive per year compared to the high efficiency gas boiler plant.

PART 3: ELECTRICAL SYSTEMS

DIVISION 26

Electrical Service

1. Building service shall be fed from new exterior pad mounted utility transformer and service connection cabinet.
2. Refer to civil drawings for proposed transformer location. Coordinate final utility transformer location and requirements with local utility.
3. Metering shall be provided per Local Utility requirements. One building utility meter shall be provided for entire electrical service.
4. Provide 480/277V, 3-phase, 4-wire, 800A distribution panel for main electrical service. Provide (1) 200A, 277/480V, 3-phase, 4-wire panel board. Provide two (2) 480-208V, 112.5kVA transformers, and (2) 400A, 120/208V, 3-phase, 4-wire panelboards as required to power lighting, equipment, receptacles, and HVAC equipment as needed.
5. Electrical distribution equipment shall be located in electrical room. Equipment shall be provided with required NEC clearances. Refer to architect for locations.
6. Complete grounding system shall be provided for all electrical systems and equipment as required by National Electric Code and all other applicable codes.
7. Provide space within main electric room for future photovoltaic equipment. Provide (2)2” empty conduits to roof for future photovoltaic use. Confirm metering requirements with local utility for back feeding the electrical grid.
8. Provide a minimum of 20% spare 1P-20A circuit breakers at panelboards.

Lighting

1. Provide LED light fixtures throughout, including building mounted exterior lighting.
2. LED light fixture color temperature shall be 3000K in common and public spaces and 4000K on building exterior.
3. Fixtures shall be provided to comply with IES illumination levels, and both State and Local codes.
    a. The following is a guideline for various areas in the Project:

Area	Footcandle Level (minimum maintained)
Commons	30
Corridor, Public (active)	30
Dance Studio	40
Data Room, IDF	50
Data Room, MDF	50
Lobby	30
Mechanical/Electrical Rooms	30
Office	50
Restrooms	30
Storage	10

4. Provide automatic lighting control as required by Code for all light fixtures. Automatic controls shall include occupancy sensors, vacancy sensors, and daylight sensors as required.
5. Provide wall mounted local room lighting controls in all spaces. Local controls shall consist of push button controls with dimming capabilities.
6. Control exterior lighting via building mounted photocell.
7. Provide recessed 2x4 LED flat panel lights in all private offices, combined offices, and restrooms.
8. Provide recessed 2x2 LED flat panel lights in all corridors.
9. Provide 4’ strip LED fixtures in back of house storage and mechanical/electrical rooms.
10. Provide LED exit signs along exit pathways and at each required exit door.
11. Provide building mounted exterior lights around perimeter of the building. Control via building mounted photocell.
12. Provide pricing for new parking lot lighting complying with local lighting requirements. Power to be provided by normal building power. Control via building mounted photocell.

Power

1. Provide electrical connections for mechanical equipment provided by others. Refer to the mechanical portion of this narrative for additional information. Coordinate final breaker requirements with equipment supplier.
2. Coordinate disconnect switches for mechanical equipment with mechanical contractor. Identify with permanently applied labels.
3. Make connections to all equipment provided by others, including but not limited to ranges, microwaves, and fitness equipment.
4. Receptacles to be Spec grade heavy duty and tamper resistant.
5. Provide specification grade GFCI outlets per NEC.
6. Exterior receptacles shall be WP/GFCI as required.
7. Provide GFCI outlet at the entry door of all back of house spaces and areas such as Mechanical, Electrical, Water, and Storage rooms.
8. Provide flush outdoor receptacles outside each exterior door and within 25 feet of each piece of exterior mechanical equipment. Provide lockable cast in use covers at each location.
9. Provide dedicated connections for printers, copiers, kitchen equipment, overhead doors, fitness equipment, laundry equipment, etc. Refer to architectural plans for locations.
10. Provide conduit for eight (8) electric vehicle charging stations at locations selected by the Owner. Provide (2) 1” conduits for power and data respectively to each car charger location.
11. Provide general purpose receptacles throughout the facility as required by the NEC and for the building function.
12. Provide oversized conductors for branch circuit distances over 75’ for voltage drop correction per NEC requirements.
13. Provide AFCI/GFCI devices (receptacles or circuit breakers) as required per the NEC.

Low Voltage

1. Provide dedicated 120-volt branch circuit connections to all communication and special system control panels and head end equipment such as Fire Alarm, Access Control, Communications, etc.
2. Provide a complete voice/data distribution system including all punch down blocks, wiring, and devices.
3. Provide a complete and fully functional fire alarm system as required by code. Make all connections to building sprinkler system as required. Coordinate sprinkler system connections with Sprinkler Contractor.
4. Provide a complete CCTV system including cameras and DVR. For bidding purposes assume a camera at each point of entry to the building and (10) cameras for the License and Passport spaces. Coordinate locations with Architect.
5. Provide (2)3" empty conduits from property line to main electric room for low voltage utility use. Coordinate location on site with local utility and Civil.
6. Provide main backboard within main electrical room.
7. Voice/data cable shall be CAT6.
8. Provide one (1) voice/data cable from main backboard to each common outlet.

Emergency Power

1. Provide a 75kW natural gas emergency generator for all emergency systems and legally required systems.
2. Provide dedicated ATS to each load description as required. The emergency generator shall supply power to the following electrical loads:
    i. Life Safety Loads:
        1. Corridor egress lighting
        2. Electrical and communication room lighting
    ii. Optional Stand-by loads:
        1. Building Security System
        2. All IT/Data room receptacles
3. Generator enclosure shall contain sound attenuation. Generator noise levels shall meet or exceed code required minimum allowable noise level at property line.

Sports Field

1. Provide separate 120/208V, 3-phase, 200A service for connection to power and lighting requirements at sports field. Provide 42 circuit panel for distribution. Equipment to be mounted near sports field. All equipment to be NEMA 3R rated or in weather proof enclosure.
2. Provide pricing for four (4) new sport field lights for softball field. Provide price for pole bases as required for complete installation.
3. Provide pricing for connection to new scoreboard. Assume 2" conduit and 60A wire required. Coordinate location with Architectural site plan.

APPENDICES

Appendix A: Phase I Environmental Site Assessment

Appendix B: Geotechnical Evaluation Report – May 4, 2026



ROSEVILLE CIVIC CAMPUS LICENSE, PASSPORT CENTER AND DANCE STUDIO (LPCDS)

CITY OF ROSEVILLE

WOODHILL DRIVE ROSEVILLE, MN 55113

LHB
701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC DR
ROSEVILLE, MN 55113

CONSULTANT:
HDR
1670 BROADWAY, SUITE 3400
Denver, CO 80202-4824

PROJECT TEAM

CLIENT
ORGANIZATION
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CITY, STATE ?????
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FAX: (???) ???-????
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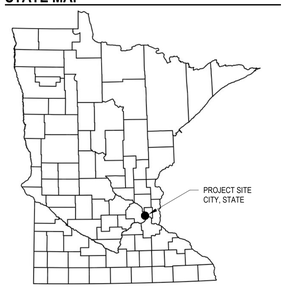
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RENDERING IMAGE

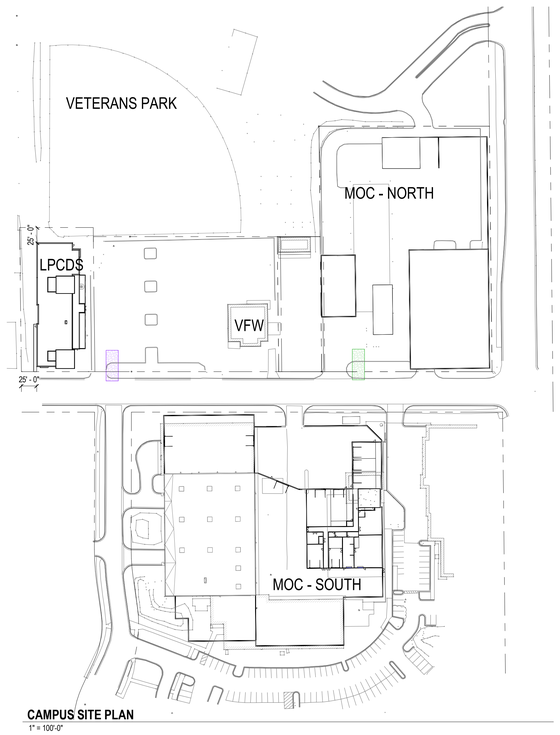
STATE MAP



LOCATION MAP



MAP DATA ©2025 GOOGLE



CAMPUS SITE PLAN
1" = 100'-0"

SHEET INDEX

GENERAL

#	SHEET NAME	SD	DD	CD
G001	PROJECT TITLE SHEET	●		
G004	CODE PLAN	●		
G005	STANDARD MOUNTING HEIGHTS	●		

CIVIL

#	SHEET NAME	SD	DD	CD
C101	REMOVALS AND INITIAL EROSION	●		
C201	UTILITY PLAN	●		
C301	GRADING PLAN	●		
C401	SURFACING & LAYOUT PLAN	●		

LANDSCAPE ARCHITECTURE

#	SHEET NAME	SD	DD	CD
L100	TREE PRESERVATION PLAN			
L101	LANDSCAPE PLAN			
L500	TREE PROTECTION DETAILS			
L501	LANDSCAPE DETAILS			

ARCHITECTURAL

#	SHEET NAME	SD	DD	CD
A101	LEVEL 1 FLOOR PLAN	●		
A111	ROOF PLAN	●		
A201	EXTERIOR ELEVATIONS	●		
A301	BUILDING SECTIONS	●		

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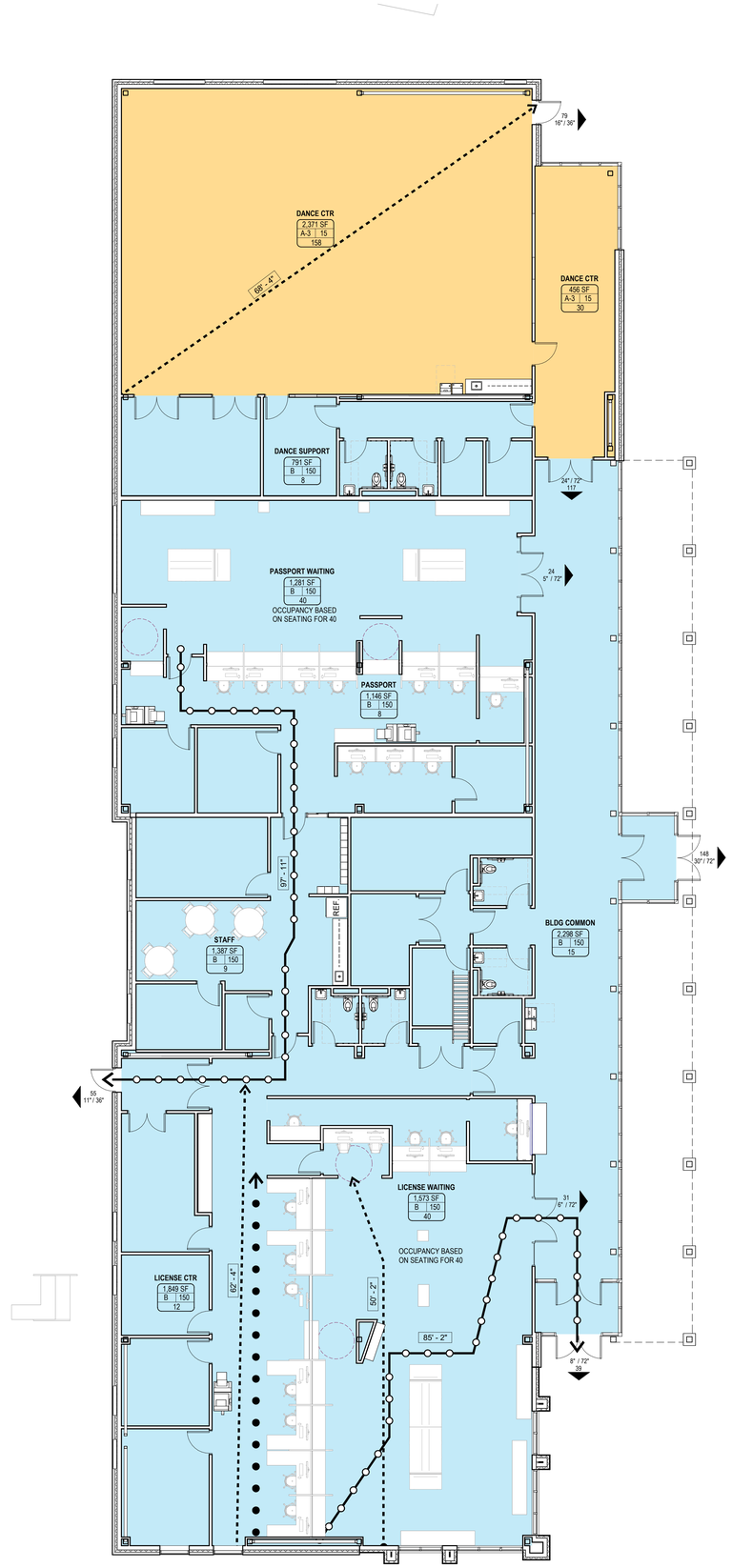
PROJECT NAME:
ROSEVILLE LICENSE AND PASSPORT CTR AND DANCE STUDIO

WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
PROJECT TITLE SHEET

DRAWN BY: XXX
CHECKED BY: XXX
PROJ. NO: 250485
DRAWING NO: G001

Autodesk Docs://250485 Roseville MOC - LPCDS/250485 Roseville LPCDS A25.rvt
5/7/2026 5:55:01 PM



A3 CODE PLAN
G004 1/8" = 1'-0"

GENERAL CODE / LIFE SAFETY NOTES

A. SPECIAL INSPECTIONS AS IDENTIFIED BY IBC CHAPTER 17 ARE NOT REQUIRED FOR THIS PROJECT.

B. REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGN LOCATIONS.

CODE LEGEND

CODE OCCUPANCY TAG

PARKING — OCCUPANCY DESCRIPTION
1,500 GSF — SQUARE FOOTAGE
S-2 300 — OCCUPANT LOAD FACTOR
5 — BUILDING/AREA OCCUPANCY CLASSIFICATION
OCCUPANT LOAD

EXIT TAG

INDICATES EGRESS EXIT
OCCUPANTS
PROVIDED EXIT WIDTH
REQUIRED EXIT WIDTH

TRAVEL DISTANCE PATH

EXIT ACCESS TRAVEL DISTANCE
COMMON PATH OF TRAVEL DISTANCE
DEAD END CORRIDOR DISTANCE

EXIT SIGNAGE

EXIT SIGN (CEILING MOUNTED)
EXIT SIGN (WALL MOUNTED)
EMERGENCY BATTERY LIGHT
REMOTE EMERGENCY BATTERY LIGHT

OCCUPANCY TYPES

B OCCUPANCY
A-3 OCCUPANCY

FIRE RATING KEY

WALL RATING
1hFP
FIRE SEPARATION CATEGORY
FP FIRE PARTITION
FB FIRE BARRIER
FW FIRE WALL
SW SHAFT WALL (FIRE BARRIER)
SP SMOKE PARITION
SB SMOKE BARRIER
** STRUCTURAL PROTECTION REQUIRED BY TABLE 602.1.; SEE NOTE BELOW

MNBC 602.1 ..."WHERE REQUIRED TO HAVE A *FIRE-RESISTANCE* RATING BY TABLE 601, BUILDING ELEMENTS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTION 703.2. THE PROTECTION OF OPENINGS, DUCTS AND AIR TRANSFER OPENINGS IN BUILDING ELEMENTS SHALL NOT BE REQUIRED UNLESS REQUIRED BY OTHER PROVISIONS OF THIS CODE."

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2660 CIVIC DR
ROSEVILLE, MN 55113

CONSULTANT:
HDR
1670 BROADWAY, SUITE 3400
Denver, CO 80202-4824

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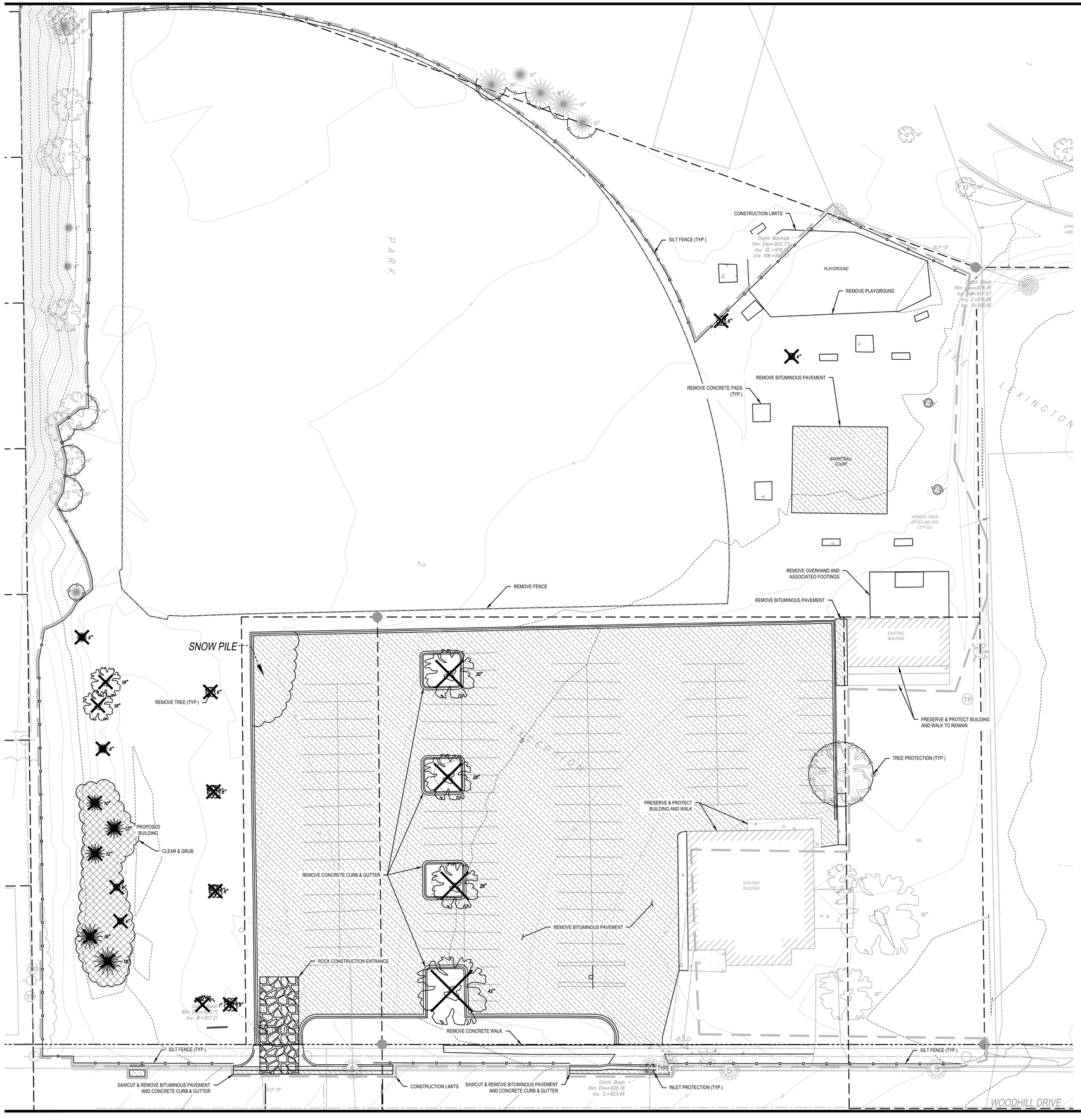
PROJECT NAME:
ROSEVILLE LICENSE AND PASSPORT CTR AND DANCE STUDIO

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DRAWING TITLE:
CODE PLAN

DRAWN BY: XXX
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PROJ. NO.: 250485
DRAWING NO.: G004

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5/7/2026 5:55:03 PM



LEGEND

- CONSTRUCTION LIMITS
- ROCK CONSTRUCTION ENTRANCE, SEE X/C501
- SILT FENCE, SEE X/C501
- TYPE I — INLET PROTECTION, SEE X/C501
- TREE PROTECTION, SEE X/C501
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE
- CLEAR & GRUB
- REMOVE TREE

GENERAL NOTES

1. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL WORK IN THE RIGHT-OF-WAY. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL WHILE WORKING WITHIN THE RIGHT-OF-WAY.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING. SEE PROJECT MANUAL FOR REQUIREMENTS.
3. THE CONTRACTOR SHALL VERIFY THE PROJECT LOCATION WITH SITE INTERFACES INCLUDING BUT NOT LIMITED TO UTILITIES, SIDEWALKS, EXISTING GRADES AND PROPOSED GRADES. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO EXECUTING THE WORK. NOTIFY THE ENGINEER IF FIELD CONDITIONS VARY FROM THE PLAN.
4. ALL BITUMINOUS AND CONCRETE REMOVAL LIMITS SHALL BE SAW CUT TO A NEAT LINE PRIOR TO PLACEMENT OF ANY NEW MATERIAL AGAINST EXISTING EDGES.
5. REMOVE ALL CONCRETE PAVEMENT, CONCRETE CURB AND CONCRETE CURB AND GUTTER TO NEAREST EXISTING JOINT. PARTIAL PANEL REPLACEMENT IS NOT PERMITTED. ANY PANEL DAMAGED DUE TO CONSTRUCTION ACTIVITIES SHALL BE FULLY REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
6. ALL EXISTING AND PROPOSED STRUCTURE ACCESS COVERS SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
7. THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING PAVEMENTS DESIGNATED TO REMAIN. ANY PAVEMENTS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

EROSION CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL ON THIS PROJECT. THE EROSION CONTROL DEVICES SHOWN IN THESE DRAWINGS ARE THE MINIMUM REQUIREMENTS. CONSTRUCT EROSION CONTROL DEVICES AS SHOWN AND AS NECESSARY TO PREVENT THE RUNOFF. TRACKING OR LOSS OF SOIL MATERIALS FROM DISTURBED AREAS ON THE PROJECT SITE.
2. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE ANY LAND IS OTHERWISE DISTURBED ON THE SITE.
3. THE SPECIFIED EROSION AND SEDIMENT CONTROL PRACTICES ARE THE MINIMUM. ADDITIONAL SEDIMENT CONTROL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.
4. PUBLIC AND PRIVATE DRIVES SHALL BE SWEPT CLEAR AS NEEDED TO KEEP THE PAVEMENT CLEAR OF SEDIMENT AND CONSTRUCTION DEBRIS.
5. REFER TO SHEET C102 FOR EROSION AND SEDIMENT CONTROL TO BE INSTALLED AFTER CONSTRUCTION OF SITE FEATURES.
6. CONTRACTOR TO LOCATE CONCRETE WASHOUT FACILITY ON SITE AND PROTECT SITE AND ADJACENT PROPERTY FROM CONCRETE WASHOUT RUNOFF.

ESTIMATED QUANTITIES

EROSION CONTROL MEASURE	QTY	MEASURE
SILT FENCE	329	LF
INLET PROTECTION	6	EACH
ROCK CONSTRUCTION ENTRANCE	1	EACH
NETLESS BLANKET	XX	SF
TURF ESTABLISHMENT	XX	SF

* REFER TO SHEETS C101-102, L101

WARNING

LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
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1-800-252-1166
REQUIRED BY MN STATUTE 216D

0 10' 20' 40'

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ROSEVILLE, MN 55113

CONSULTANT:
HDR
1670 BROADWAY, SUITE 3400
DENVER, CO 80202-4824

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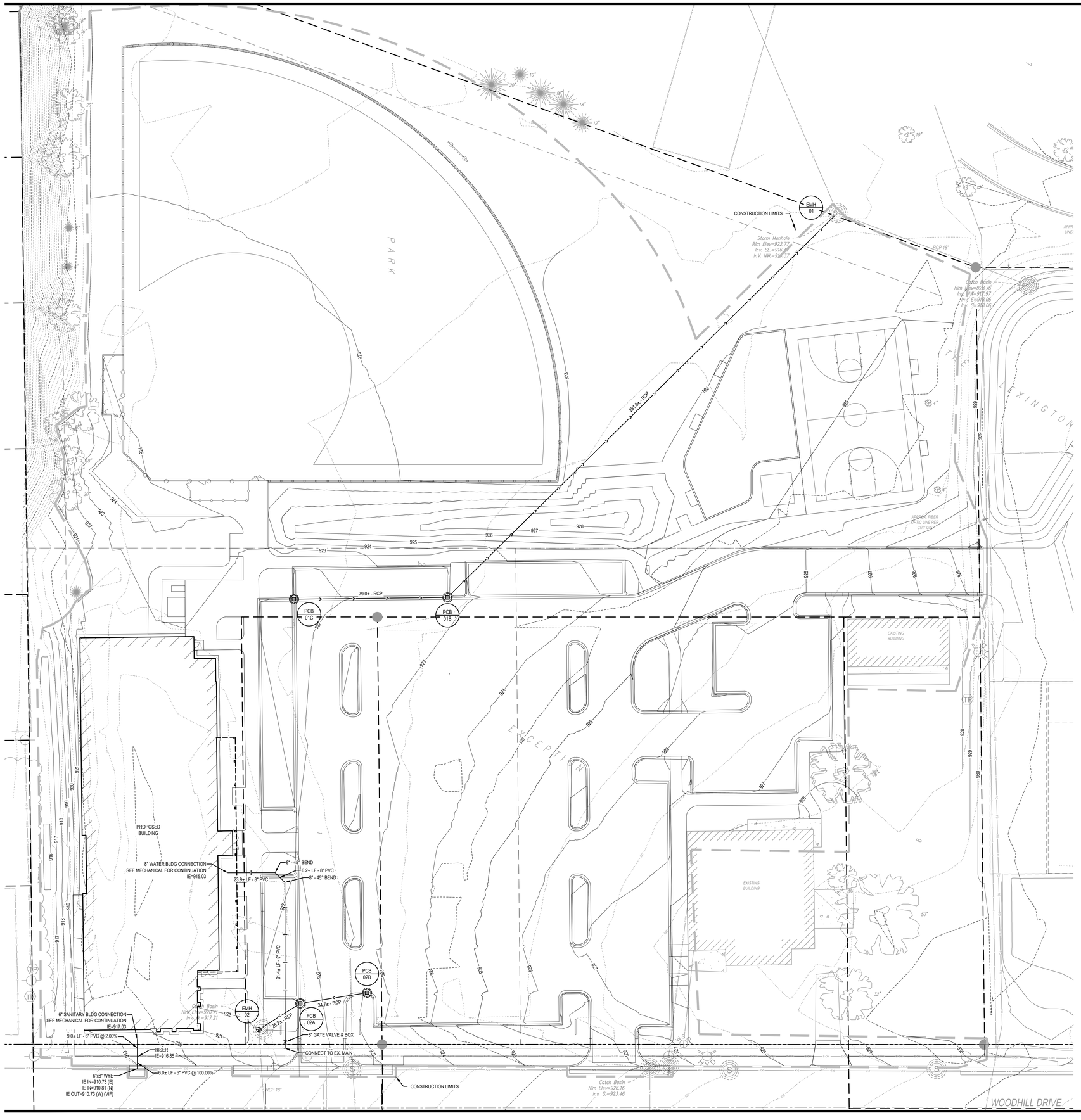
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PROJECT NAME:
ROSEVILLE LICENSE AND PASSPORT CTR AND DANCE STUDIO
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
REMOVALS & INITIAL EROSION CONTROL PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 25485
DRAWING NO: **C101**

File Path: ...\25485\00 Drawings\Civil\01 NW ABS\25485-01 C101 Removals & EC.dwg
Plot Date: 5/7/2026 2:16 PM



LEGEND

- CONSTRUCTION LIMITS
- STORM SEWER
- DRAINTILE
- CATCH BASIN
- STORM MANHOLE
- FLARED END SECTION
- PRECAST SPLASHBLOCK
- SPLASHBLOCK, SEE X/C50X
- BASIN CLEANOUT, SEE X/C50X
- RAIN GUARDIAN, SEE X/C50X
- TRENCH DRAIN
- DRAINTILE OUTLET, MNDOT 3131C
- SANITARY SEWER
- SANITARY MANHOLE
- CLEANOUT, SEE X/C50X
- WATER SERVICE
- GATE VALVE, SEE X/C50X
- CURBSTOP, SEE X/C50X
- HYDRANT, SEE X/C50X
- THRUST BLOCK, SEE X/C50X
- FIRE DEPARTMENT CONNECTION

GENERAL NOTES

1. EXISTING UTILITIES ARE BASED ON RECORD DRAWINGS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ENGINEER. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. UTILIZE THE "GOPHER STATE ONE CALL SYSTEM" (1-800-252-1166) TO HAVE PUBLIC UTILITIES LOCATED WITHIN THE CONSTRUCTION LIMITS. CONTACT THE OWNER TO LOCATE PRIVATE UTILITIES LOCATED WITHIN THE CONSTRUCTION LIMITS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS.
2. SITE LIGHTING IS SHOWN FOR LOCATION ONLY. REFER TO ELECTRICAL SITE PLAN FOR ELECTRICAL ROUTING AND ADDITIONAL REQUIREMENTS.
3. UNLESS OTHERWISE NOTED, ALL UTILITY TRENCHES SHALL BE CONSTRUCTED PER X/C50X. WATERMAIN SHALL BE CONSTRUCTED PER X/C50X.
4. ADJUST ALL RISERS AND CASTINGS TO FINISH GRADE.
5. PREVENT CONSTRUCTION SEDIMENT, DIRT & DEBRIS FROM ENTERING INFILTRATION BMPS.
6. TRACER WIRE SHALL BE INSTALLED PER X/C50X AND AND INDICATED IN THE PROJECT MANUAL SECTION 33 3113.
7. UTILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF CITY STANDARD SPECIFICATIONS AND DETAIL PLATES.

WARNING

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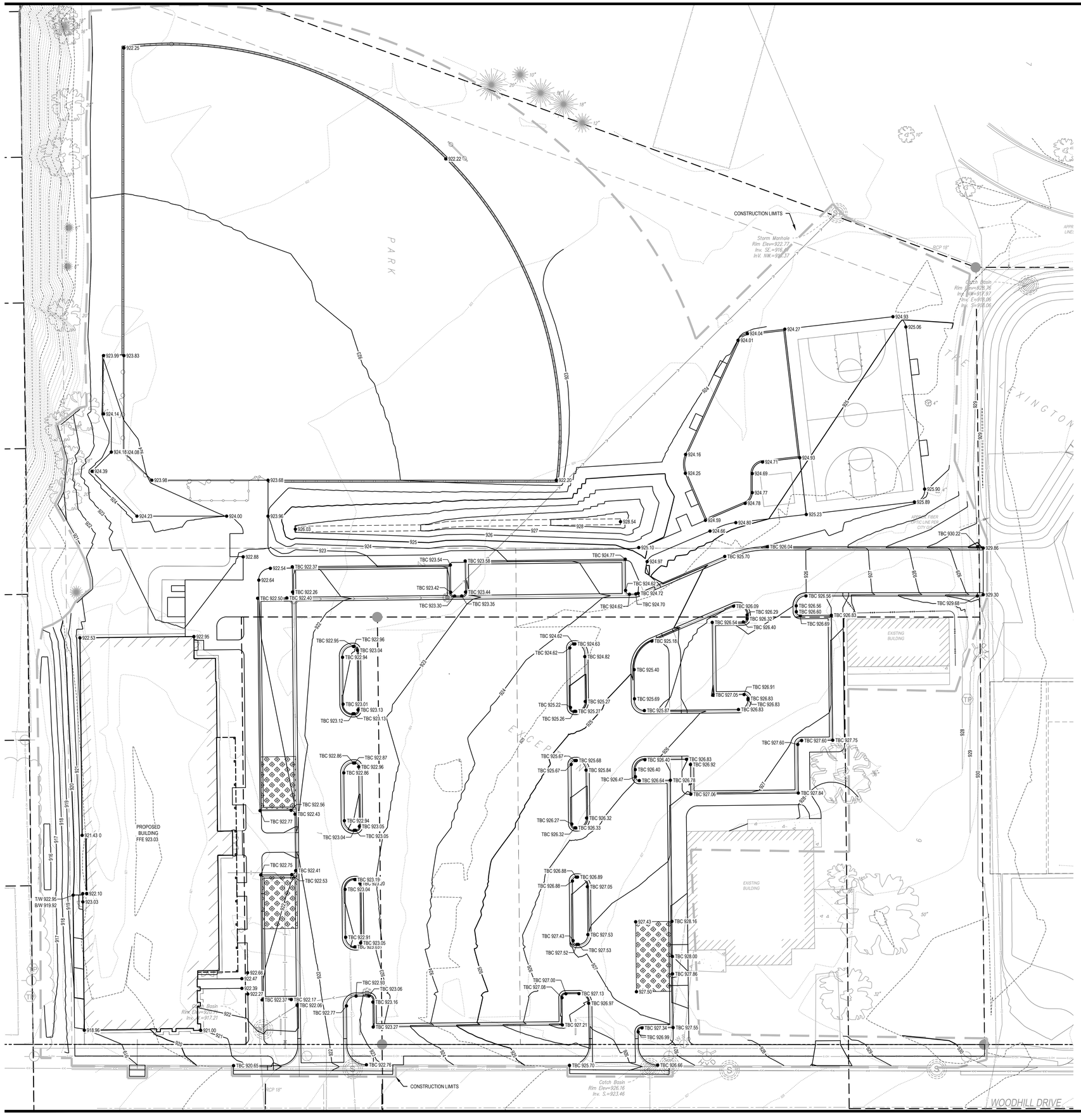
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PROJECT NAME:
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DRAWING TITLE:
UTILITY PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 259485
DRAWING NO: **C201**

File Path: ...\259485\00 Drawings\Civil\01 NW ABS\259485.01 C201 Utility Plan.dwg
Plot Date: 5/7/2026 2:15 PM



LEGEND

- CONSTRUCTION LIMITS
- MAJOR CONTOUR (5' INTERVAL)
- MINOR CONTOUR (1' INTERVAL)
- SLOPE ARROW
- 863.25 SPOT ELEVATION
- GRADE BREAK
- SWALE
- REVERSE GUTTER CURB
- ADA CRITICAL AREA 2% MAX IN ANY DIRECTION

ABBREVIATIONS

EO	EMERGENCY OVERFLOW
FFE	FIRST FLOOR ELEVATION
HWL	HIGH WATER LEVEL
HP	HIGH POINT
LP	LOW POINT
MP	MID POINT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PRC	POINT OF REVERSE CURVATURE
PR	POINT OF TANGENT
TBC	TOP BACK OF CURB
BC	BACK OF CURB
B/S	BOTTOM OF STAIRS
T/S	TOP OF STAIRS
B/W	BOTTOM OF WALL
T/W	TOP OF WALL

GENERAL NOTES

1. GRADES SHOWN ARE FINISH SURFACE ELEVATIONS UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL MAKE APPROPRIATE DEDUCTIONS FOR VARYING SURFACES TO DETERMINE SUBGRADE ELEVATIONS.
2. SPOT ELEVATIONS ALONG CURB LINES REPRESENT THE TOP BACK OF CURB UNLESS OTHERWISE NOTED.
3. UNLESS NOTED OTHERWISE, GRADES ADJACENT TO THE BUILDING WALL SHALL BE 8" BELOW FINISH FLOOR ELEVATION IN LANDSCAPED AREAS AND AT FINISH FLOOR ELEVATION FOR PAVED AREAS.
4. ALL EXISTING AND PROPOSED STRUCTURE ACCESS COVERS SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
5. CONTRACTOR SHALL STOP WORK IMMEDIATELY IN THE AFFECTED AREA AND NOTIFY THE OWNER IF CONTAMINANTS ARE FOUND IN THE EXISTING SOILS.
6. SIDEWALK CROSS-SLOPES SHALL NOT EXCEED 2.0%. CROSS-SLOPES OF AT LEAST 1.5% IN THE GENERAL DIRECTION OF THE OVERALL SITE SLOPE WILL BE ACHIEVED IN AREAS WHERE LONGITUDINAL SLOPES ARE LESS THAN 1.5%.
7. ONLY PLACE FILL MATERIALS ON COMPETENT, INSPECTED SUBGRADE.
8. IN AREAS WHERE NEW FILL IS TO BE PLACED ON SLOPING GROUND, BENCHING THE SURFACE SHALL BE COMPLETED PRIOR TO PLACING THE FILL. BENCHING SHALL BE COMPLETED WHERE SLOPES ARE STEEPER THAN 4:1 (HORIZONTAL:VERTICAL)
9. SEE SHEETS C101-102 FOR THE SEDIMENTATION AND EROSION CONTROL PLANS.
10. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREA. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS, AND MAINTAIN ALL EXISTING DRAINAGE PATTERNS.
11. REFER TO LANDSCAPE PLANS FOR AREAS TO RECEIVE PERMANENT SEED, SOD, TREES AND SHRUBS, ETC.
12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL MANHOLES STRUCTURES AND APPURTENANCES THAT FALL WITHIN THE LIMITS OF THIS CONTRACT. THE CONTRACTOR SHALL KEEP ALL SAID EXISTING UTILITIES AND THEIR APPURTENANCES FREE OF DEBRIS AND OPERABLE AT ALL TIMES DURING CONSTRUCTION.
13. ALL GRADE WITHIN THE LANDSCAPED AREAS SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL AND HAVE A MINIMUM GRADE OF 2%, UNLESS OTHERWISE NOTED. AROUND THE BUILDING SHALL BE GRADED AT 5% FOR 10'. GRADED SWALES MUST HAVE A MINIMUM BOTTOM SLOPE OF 2.0%.
14. PREVENT CONSTRUCTION SEDIMENT, DIRT AND DEBRIS FROM ENTERING ALL FILTRATION BMPS.

CAUTION!!!

EACH SUB CONTRACTOR SHALL VERIFY GRADES PRIOR TO INSTALLING ANY BUILDING ELEMENT. MAINTAIN ALL ACCESSIBLE ROUTES IN ACCORDANCE WITH THE MINNESOTA ACCESSIBILITY CODE. ADJUST GRADES AS NECESSARY FOR ANY FIELD CHANGES OR EXISTING CONDITIONS TO MAINTAIN ALL SLOPES BELOW CODE MAXIMUMS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. ANY PAVEMENTS OR WALKS INSTALLED OUTSIDE OF CODE PARAMETERS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.

WARNING

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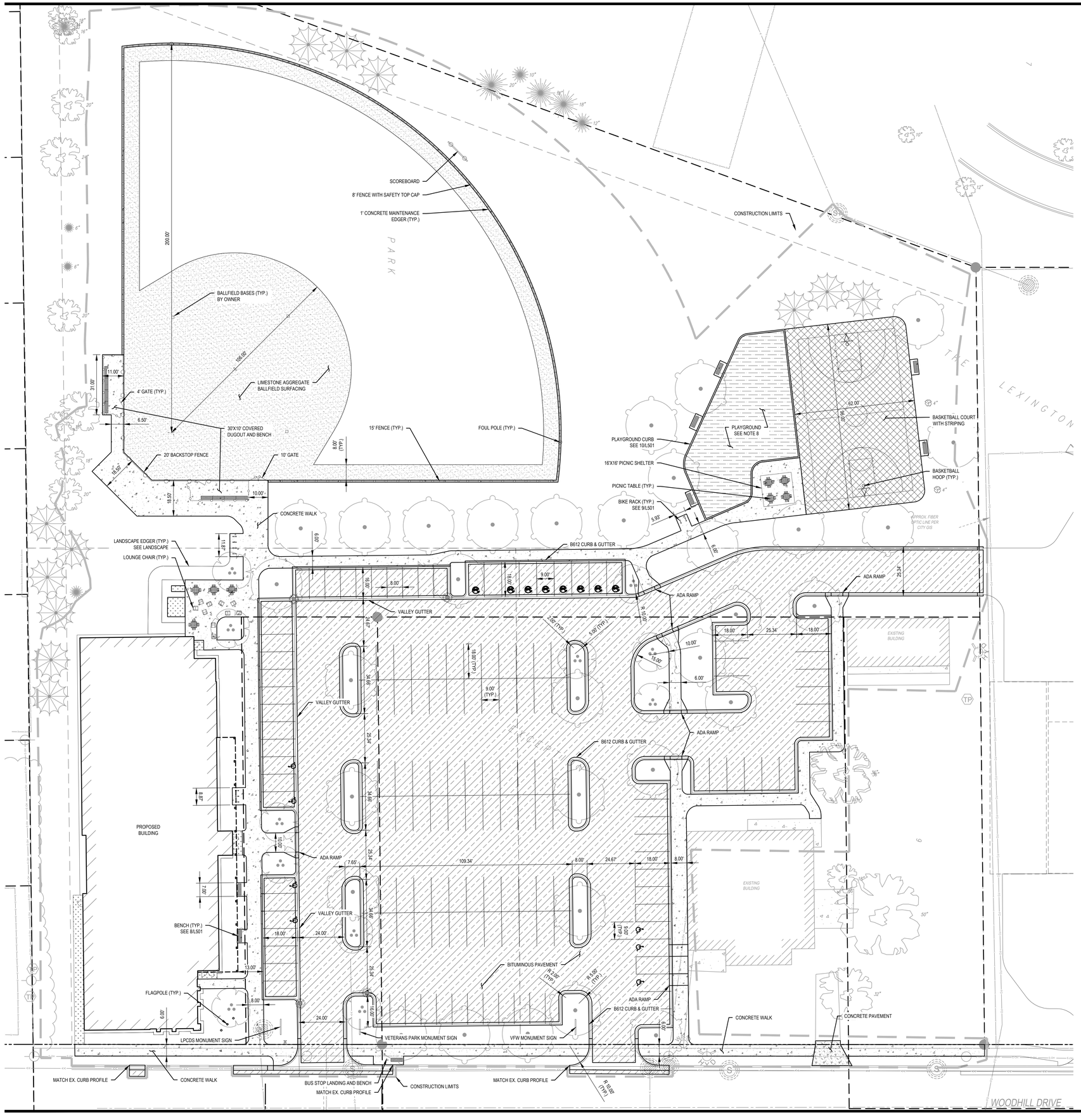
PROJECT NAME:
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WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
GRADING PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 250485
DRAWING NO: **C301**

File Path: ...\250485000 Drawings\Civil\01 NW AREA\250485.01 C301 Grading Plan.dwg
Plot Date: 5/7/2026 2:16 PM



LEGEND

- CONSTRUCTION LIMITS
- BITUMINOUS PAVEMENT. SEE 1/C502, INSET A
- BITUMINOUS COURT. SEE 1/C502, INSET B
- CONCRETE PAVEMENT. SEE 1/C502, INSET C
- CONCRETE WALK. SEE 1/C502, INSET D
- LIMESTONE AGGREGATE BALLFIELD SURFACING
- PLAYGROUND. SEE NOTE 8.
- REVERSE CURB & GUTTER
- SURFACING CONTROLLED BY OTHER DISCIPLINES
- LIGHT POLE, REFER TO ELECTRICAL

GENERAL NOTES

1. REFER TO C402 FOR SIGNAGE AND PAVEMENT STRIPING.
2. REFER TO L101 FOR PERMANENT TURF ESTABLISHMENT REQUIREMENTS.
3. SITE LIGHTING IS SHOWN FOR LOCATION ONLY. REFER TO ELECTRICAL FOR ADDITIONAL REQUIREMENTS.
4. PREVENT FORM DAMAGE ALL SURFACES OUTSIDE THE CONSTRUCTION LIMITS. RESTORE ALL DISTURBED AREAS DUE TO CONSTRUCTION ACTIVITIES TO PRE-CONSTRUCTION CONDITION UNLESS OTHERWISE NOTED IN THE DRAWINGS.
5. ADJUST ALL CASTINGS, VALVE BOXES AND JUNCTION BOXES TO FINISH GRADE.
6. PROVIDE BITUMINOUS TACK COAT BETWEEN PROPOSED BITUMINOUS PAVEMENTS AND ALL ADJACENT CONCRETE OR BITUMINOUS SURFACES.
7. PROVIDE BITUMINOUS TACK COAT BETWEEN THE WEARING AND NON-WEARING COURSES FOR ALL PROPOSED BITUMINOUS PAVEMENTS.
8. PLAYGROUND SURFACING AND EQUIPMENT TO BE COMPLETED BY PLAYGROUND INSTALLER. INCLUDE $200,000 ALLOWANCE FOR THIS SCOPE.

WARNING

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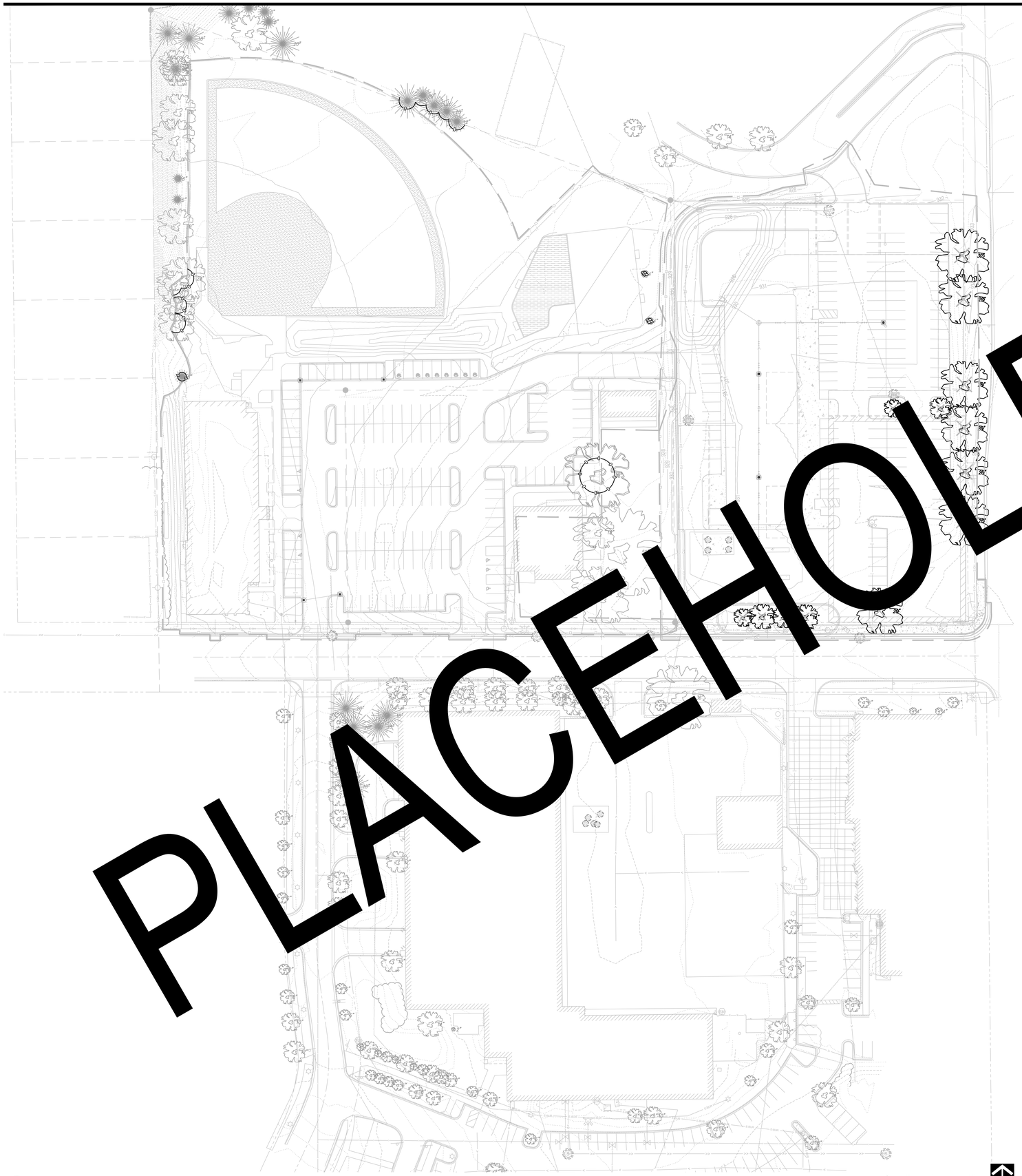
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ROSEVILLE, MN 55113

DRAWING TITLE:
SURFACING & LAYOUT PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 250485
DRAWING NO: C401

File Path: ...\250485\00 Drawings\Civil\01 MN ABS\250485-01 C401 Surfacing Plan.dwg
Plot Date: 5/7/2026 2:15 PM



Tree #	Site	Classification	Species	DBH	Condition	Stems2	Status	Replacement
13	LPCDS	Exempt	Fir Balsam Abies balsamea	3	Good	1	Remove	0
23	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	4	Fair	1	Remove	0
26	LPCDS	Exempt	Lilac Japaneses Tree Syringa reticulata	3	Fair	1	Remove	0
27	LPCDS	Exempt	Spruce White Picea glauca	3	Good	1	Remove	0
31	LPCDS	Exempt	Spruce White Picea glauca	2	Fair	1	Remove	0
33	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1	Remove	0
49	LPCDS	Exempt	Serviceberry Amelanchier	2	Fair	Multi	Remove	0
52	LPCDS	Exempt	Ash Green Fraxinus pennsylvanica	13	Fair	1	Remove	0
53	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1	Remove	0
80	LPCDS	Common	Spruce White Picea glauca	10	Fair	1	Remove	0.5
88	LPCDS	Exempt	Spruce Colorado Picea pungens	11	Fair	1	Remove	0
96	LPCDS	Common	Lilac Japaneses Tree Syringa reticulata	6	Fair	1	Remove	0.5
97	LPCDS	Exempt	Spruce Colorado Picea pungens	11	Fair	1	Remove	0
101	LPCDS	Exempt	Spruce Colorado Picea pungens	[illegible]	Good	1	Remove	0
102	LPCDS	Common	Spruce White Picea glauca	[illegible]	Fair	1	Remove	0.5
104	LPCDS	Exempt	Serviceberry Amelanchier	2	Fair	Multi	Remove	0
112	LPCDS	Exempt	Ash Green Fraxinus pennsylv[illegible]	14	[illegible]air	1	Remove	0
2	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	[illegible]air	1		
3	Veterans Park	Exempt	Ash Gr[illegible]ennsylvanica	15	Poor	1		
4	Veterans Park	Exempt	[illegible]bies balsamea	[illegible]	Good	1		
7	Veterans Park	Signifi[illegible]	Spruce White Picea glauca	13	[illegible]	1		
10	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	18	Poor	[illegible]		
24	Veterans Park	Common	Spruce White Picea[illegible]	6	Good	[illegible]		
[illegible]	[illegible]	Exempt	[illegible]h Gree[illegible]nsylvanica	13	Poor	1		
[illegible]7	Veterans Park	[illegible]on	[illegible]k Morus nigra	[illegible]	Fair	1		
43	Veterans Park	Ex[illegible]	[illegible]n Fraxinus pennsylvanica	[illegible]	Poor	1		
54	Veterans Park	Exempt	Spruce White Picea glauca	2	Good	1		
56	Veterans Park	Common	Mulberry, Black Morus nigra	11	Fair	1		
[illegible]1	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1		
[illegible]	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	15	Poor	1		
[illegible]	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	17	Poor	1		
75	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	Good	1		
76	Veterans Park	[illegible]	Ash Green Fraxinus pennsylvanica	15	Poor	1		
79	Veterans Park	Common	Mulberry, Black Morus nigra	11	Fair	1		
[illegible]	Veterans Park	Significant	Spruce White Picea glauca	14	Fair	1		
103	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1		

PLACEHOLDER

1 TREE PRESERVATION PLAN
Scale: 1"=40'

0 20' 40' 80'

File Path: ...\25485500 Drawings\LA\25485 LPCDS Landscape Plan.dwg
Plot Date: 5/7/2026 12:40 PM

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2660 CIVIC CENTER DR
ROSEVILLE, MN 55113

CONSULTANT:
HDR
1670 BROADWAY, SUITE 3400
DENVER, CO 80202-4824

THIS SQUARE APPEARS 1/2" x 1/2" ON FULL SIZE SHEETS

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1	05/08/2026	SD PRICING

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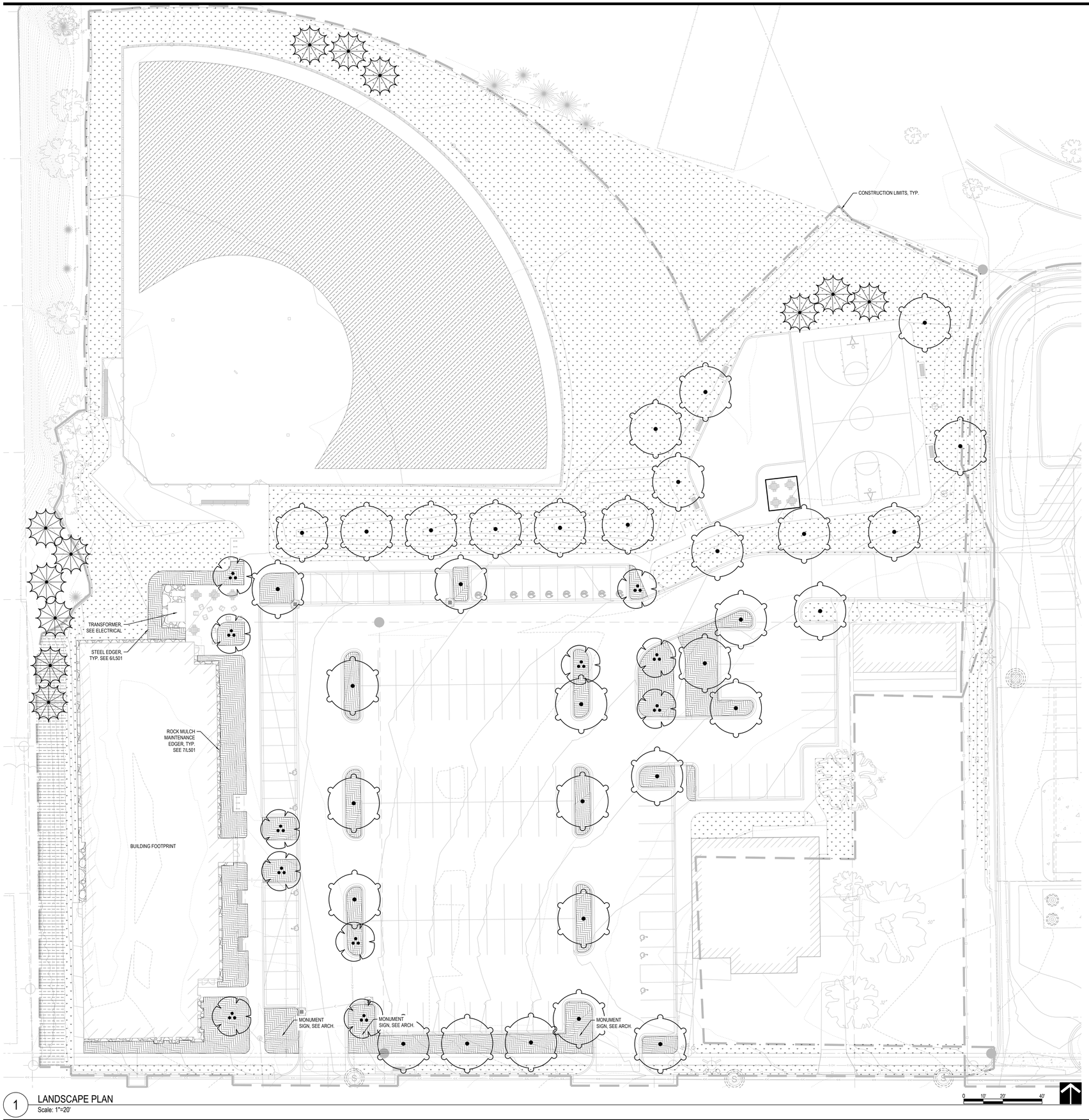
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PROJECT NAME:
ROSEVILLE LICENSE AND PASSPORT CTR AND DANCE STUDIO
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
TREE PRESERVATION PLAN

WARNING
LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
CALL BEFORE DIGGING
MINNESOTA ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY MN STATUTE 216D

DRAWN BY: KAT
CHECKED BY: JSV
PROJ. NO: 25485
DRAWING NO: L100



1 LANDSCAPE PLAN
Scale: 1"=20'

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
CONIFEROUS CANOPY TREE					
	CT	12	Coniferous Tree	6` HT	
DECIDUOUS CANOPY TREE					
	DT	32	Deciduous Tree	3" B&B	
ORNAMENTAL TREE					
	OT	11	Ornamental Tree	1 1/2" B&B	
SHRUB AREAS					
		874	Landscape Bed	#5 CONT	42" o.c.

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME
GROUND COVERS			
	AS	24,951 sf	Athletic Field Sod
	LS	58,067 sf	Lawn Sod
	ME	897 sf	Maintenance Edger
	WS	3,145 sf	Native Seed mix

LANDSCAPE NOTES

GENERAL LANDSCAPE NOTES:

1. THIS DRAWING DOES NOT CONSTITUTE AN OFFICIAL SURVEY OF THE SITE. CONFIRM ALL LOCATIONS OF SURFACE AND SUB-SURFACE FEATURES BEFORE BEGINNING INSTALLATION. ADVISE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
2. THE PLAN TAKES PRECEDENCE OVER THE PLANT SCHEDULE IF DISCREPANCIES EXIST. ADVISE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
3. CONFIRM ALL QUANTITIES, SHAPES, AND LOCATIONS OF LANDSCAPE AREAS, AND ADJUST TO CONFORM TO THE SITE CONDITIONS. CONFIRM ANY ADJUSTMENTS WITH THE LANDSCAPE ARCHITECT.
4. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH PLANT INSTALLATION.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL MULCHES AND SOIL QUANTITIES TO COMPLETE THE WORK SHOWN IN THE DRAWINGS. VERIFY ALL QUANTITIES SHOWN ON THE PLANT SCHEDULE
   - 5.1. REFER TO SPECIFICATION SECTION 31 2323 FILL FOR SOIL TYPES AND REQUIREMENTS. DO NOT BEGIN PLANTING OPERATIONS IF SOIL CONDITIONS ARE NOT AS SPECIFIED.
   - 5.2. REFER TO SPECIFICATION SECTION 32 9300 FOR MULCH TYPES AND REQUIREMENTS.
6. LANDSCAPE BED AREAS TO CONTAIN SHRUBS AS SHOWN ON SHEET L102 AND HARDWOOD MULCH AND PLANTING SOIL AT DEPTHS IDENTIFIED IN DETAIL 4/L501.
7. BASIN BOTTOM NATIVE SEED MIX AREAS TO CONTAIN PERENNIAL PLUG PLANTINGS AS OUTLINED IN DETAIL 7/L501. REFER TO CIVIL FOR REQUIRED SOIL DEPTHS FOR BIOFILTRATION BASINS.
8. REMOVE FROM THE SITE ALL TURF WHICH HAS BEEN REMOVED FOR NEW PLANT BEDS. LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE IS NOT ALLOWED.
9. STAKE TREE AND PLANTING BED LAYOUT IN-FIELD FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO PLANTING OPERATIONS

PROTECTIONS

10. PROTECT EXISTING TREES. DO NOT STORE OR DRIVE HEAVY MATERIALS OVER TREE ROOTS. DO NOT DAMAGE TREE BARK OR BRANCHES. REFER TO SHEET L500 FOR TREE PROTECTION REQUIREMENTS.
11. KEEP PAVEMENTS, FIXTURES AND BUILDINGS CLEAN AND UNSTAINED. ANY DAMAGE TO EXISTING FACILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. KEEP THE PROJECT SITE CLEAR OF CONSTRUCTION WASTES AND DEBRIS.
12. PROVIDE AND MAINTAIN INLET AND PERIMETER EROSION CONTROL BMPS AS SPECIFIED ON CIVIL SHEETS.
13. ALL AREAS OF THE SITE DISTURBED BY CONSTRUCTION WILL BE RESTORED WITH SEED OR SOD UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS FOR TURF RESTORATION REQUIREMENTS.

PLANT MATERIAL

14. PLANT TREE ROOT BALLS FLUSH WITH FINAL GRADE AND THE TOP OF ROOT FLARE EXPOSED, PER PLANTING DETAILS.
15. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
16. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY.
17. ALL PLANTING STOCK SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK", ANSI-Z60. LATEST EDITION, OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
18. HEEL IN AND WATER ANY PLANT STOCK NOT PLANTED WITHIN 24 HOURS OF DELIVERY UNTIL INSTALLATION. PLANTS NOT MAINTAINED IN THIS MANNER WILL BE REJECTED.
19. REFER TO SPECIFICATIONS FOR WARRANTY REQUIREMENTS AND OTHER PLANTING ACCESSORIES.

MAINTENANCE AND CARE

20. BEGIN PLANT MAINTENANCE IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE.
21. MAINTENANCE INCLUDES WATERING, WEEDING, MULCHING, REMOVAL OF DEAD MATERIAL PRIOR TO GROWING SEASON, RE-SETTING PLANTS AND PROPER GRADE, AND KEEPING PLANTS IN A PLUMB POSITION.
22. REFER TO SPECIFICATIONS FOR FULL INSPECTION, MAINTENANCE, AND WARRANTY REQUIREMENTS.

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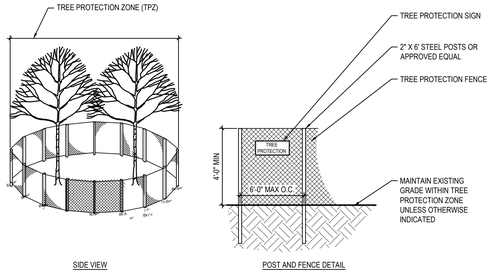
PROJECT NAME:
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WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
LANDSCAPE PLAN

DRAWN BY: KAT
CHECKED BY: JSV
PROJ. NO: 250485
DRAWING NO: **L101**

File Path: ...\250485\00 Drawings\LA\250485_L\PCDS Landscape Plan.dwg
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NOTES:
1. **CONDUCT MANDATORY TREE PROTECTION SITE WALK WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START TO DETERMINE TREE PROTECTION ZONE (TPZ) EXTENTS. *(OPTIONAL - PM AND LA TO MAKE DETERMINATION IF PROJECT WARRANTS THIS LEVEL OF INVOLVEMENT)***
2. FURNISH AND INSTALL TREE PROTECTION FENCE AT THE ESTABLISHED TPZ EXTENTS PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. AS A STARTING POINT, THE LIMITS OF THE TPZ IS TO BE MEASURED AS A RADIUS FROM THE TREE'S TRUNK AND EQUAL TO THE GREATEST OF THE FOLLOWING:
   3.1. 5'-0".
   3.2. IN LINE WITH THE TREE'S DRIPLINE.
   3.3. A RADIUS OF 1' FOR EVERY 1" OF TRUNK MEASURED AT 4.5 FEET ABOVE GRADE.
   3.4. 3'-0" BEYOND THE LOWEST BRANCH OF A CONIFER OR ANY LOW BRANCHING TREE SPECIES.
4. WHEN POSSIBLE, PLACE FENCE 25' BEYOND MEASURED TPZ.
5. PLACE TREE PROTECTION SIGNS (11"X17" LAMINATED) ALONG FENCE AT 50' INTERVALS.
6. TREE PROTECTION FENCE MUST BE MAINTAINED UNTIL COMPLETION OF WORK.
7. NO STORAGE OF MATERIALS OR OPERATION OF EQUIPMENT MAY TAKE PLACE INSIDE OF THE TREE PROTECTION ZONE.
8. THE TREE PROTECTION FENCE MAY BE EITHER A CHAINLINK FENCE OR HIGH DENSITY POLYETHYLENE FENCING WITH 3.5" X 1.5" OPENINGS, COLOR TO BE ORANGE OR APPROVED EQUAL.
9. IF CONSTRUCTION VEHICLES MUST PASS WITHIN TPZ, SEE ROOT PROTECTION DETAIL 2/L500.
10. IF TREE DAMAGE OCCURS DUE TO CONSTRUCTION OPERATIONS, CONTRACTOR IS RESPONSIBLE FOR HIRING AN ABORIST TO ASSESS AND TREAT DAMAGED TREES AT NO EXPENSE TO THE OWNER.

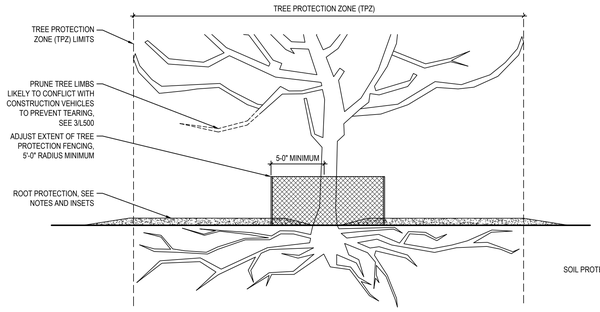


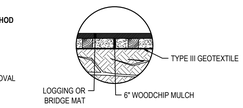
SIDE VIEW

POST AND FENCE DETAIL

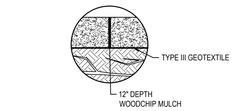
1 TREE PROTECTION ZONE (TPZ), TYPICAL
NOT TO SCALE

NOTES:
1. IF CONSTRUCTION VEHICLES MUST PASS THROUGH A TREE PROTECTION ZONE, **THE CONTRACTOR MUST PROPOSE A TEMPORARY PROTECTION METHOD FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO WORK PROCEEDING**.
2. AT A MINIMUM, THE PROTECTION METHOD IS TO INCLUDE EITHER:
   2.1. CONSTRUCTION OF ROOT SYSTEM BRIDGES WITH LOGGING OR BRIDGE MAT OVER 6" WOODCHIP MULCH, SEE INSET A.
   2.2. PLACEMENT OF A 12" LAYER OF WOODCHIP MULCH OVER A TYPE III GEOTEXTILE (MnDOT 3733), SEE INSET B.
   2.3. PLACEMENT OF SOIL PROTECTION MATS, SEE INSET C.
   2.4. OR OTHER INTERNATIONAL SOCIETY OF ARBORISTS (ISA) BEST MANAGEMENT PRACTICE FOR SOIL AND ROOT PROTECTION METHOD WITH APPROVAL BY LANDSCAPE ARCHITECT.
3. TEMPORARILY SHIFT TPZ FENCING TO DEFINE WORK AREA AND PROTECT TREE.
4. IMPLEMENT AGREED UPON ROOT PROTECTION SYSTEM WITHIN THE TPZ.
5. MAINTAIN A 4'-6" LAYER OF WOODCHIP MULCH UNDER THE REST OF THE TREE PROTECTION ZONE (TPZ) AREA TO CONSERVE MOISTURE.
6. IMMEDIATELY RE-ESTABLISH TREE PROTECTION FENCING AT LIMITS OF TPZ UPON COMPLETION OF CONSTRUCTION ACTIVITY WITHIN THE TPZ.

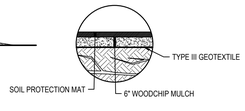




INSET A
ROOT SYSTEM BRIDGE

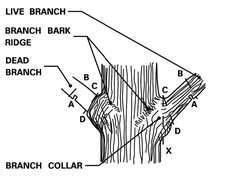


INSET B
WOODCHIP MULCH

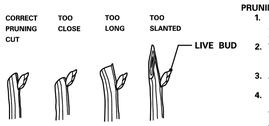


INSET C
SOIL PROTECTION MATS

2 ROOT PROTECTION FOR WORK WITHIN THE TPZ
NOT TO SCALE



BRANCHES PRUNED AT TRUNK
(SHIGO METHOD)



BRANCHES PRUNED TO LIVE BUD

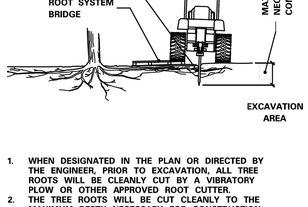
STEPS TO PRUNING WITH PRUNING SAW:
1. **CUT PART WAY THROUGH THE BRANCH AT POINT A.**
2. **CUT COMPLETELY THROUGH BRANCH FROM POINT B TO A.**
3. **AT BRANCH COLLAR CUT FROM POINT C TO D.**

INCORRECT CUT FROM POINT C TO X (TOO CLOSE) WILL RESULT IN DISCONTINUOUS CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

CORRECT CUT FROM POINT C TO D (LEAVING BRANCH COLLAR BUT NOT THE STUB FROM POINT B TO A) WILL RESULT IN CONTINUOUS DOUGHNUT SHAPED CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

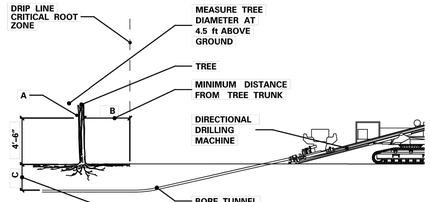
PRUNING NOTES:
1. **PRUNE USING CLEAN AND SHARP SCISSOR-TYPE PRUNER OR PRUNING SAW.**
2. **THE BEST TIME TO PRUNE IS LATE DORMANT SEASON OR EARLY SPRING.**
3. **AVOID PRUNING OAKS IN APRIL, MAY, JUNE OR JULY.**
4. **IF PRUNING IS NECESSARY OR IF WOUNDS OCCUR TO OAK TREES IN APRIL, MAY, JUNE OR JULY, IMMEDIATELY PAINT CUT SURFACE OR WOUND WITH LATEX PAINT OR SHELLAC.**

3 PRUNING
(MnDOT 2571.3K2A9 and 2571.3E1)
NOT TO SCALE



1. **WHEN DESIGNATED IN THE PLAN OR DIRECTED BY THE ENGINEER, PRIOR TO EXCAVATION, ALL TREE ROOTS WILL BE CLEANLY CUT BY A VIBRATORY PLOW OR OTHER APPROVED ROOT CUTTER.**
2. **THE TREE ROOTS WILL BE CUT CLEANLY TO THE MAXIMUM DEPTH NECESSARY FOR CONSTRUCTION.**
3. **IMMEDIATELY, AND CLEANLY CUT DAMAGED AND EXPOSED ROOTS.**
4. **ROOT ENDS EXPOSED BY EXCAVATION ACTIVITIES SHALL BE IMMEDIATELY COVERED WITH A 6" LAYER OF ADJACENT SOIL.**

4 CLEAN ROOT CUTTING
(MnDOT 2572.3A2)
NOT TO SCALE

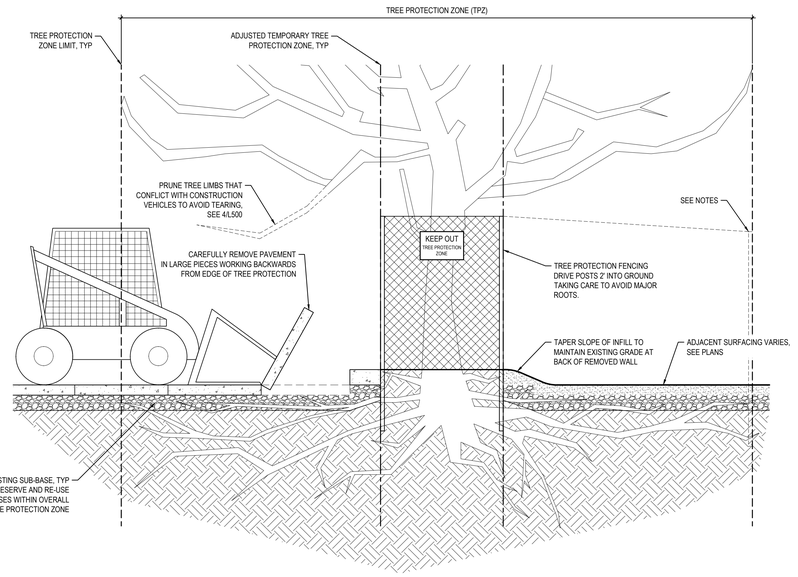


NOTE:
1. **(A) IS THE DIAMETER OF TREES MEASURED 4-6 FEET ABOVE THE GROUND AND IS TERMED THE "DIAMETER AT BREAST HEIGHT," (DBH).**
2. **USING A TREE DIAMETER TAPE, WRAP THE TAPE AROUND THE GIRTH OF THE TREE, AT THE DBH, BEING CAREFUL NOT TO TWIST THE TAPE.**

TREE PROTECTION ZONE		
A	B	C
< 2"	2'	2'
2–4"	4'	2.5'
> 4–9"	6'	2.5'
> 9–14"	10'	3'
> 14–19"	12'	3.25'
> 19"	15'	4'

5 UTILITY CONSTRUCTION
(MnDOT 2572.3A5)
NOT TO SCALE

NOTES:
1. **MOVE TEMPORARY TREE PROTECTION FENCING TO TREE PROTECTION ZONE (TPZ) LIMITS IMMEDIATELY UPON COMPLETION OF CONSTRUCTION ACTIVITY WITHIN TPZ.**



6 ROOT PROTECTION FOR CURB REMOVAL WITHIN TREE PROTECTION ZONE
NOT TO SCALE

LHB
701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

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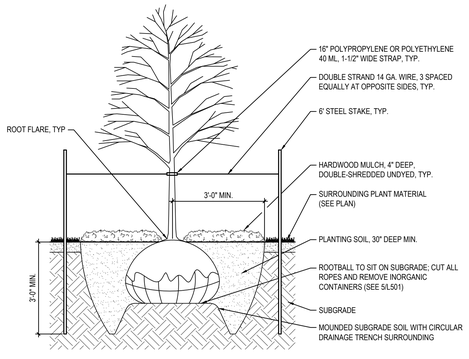
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ROSEVILLE, MN 55113

DRAWING TITLE:
TREE PROTECTION DETAILS

DRAWN BY: XXX
CHECKED BY: XXX
PROJ. NO: 25485
DRAWING NO: **L500**

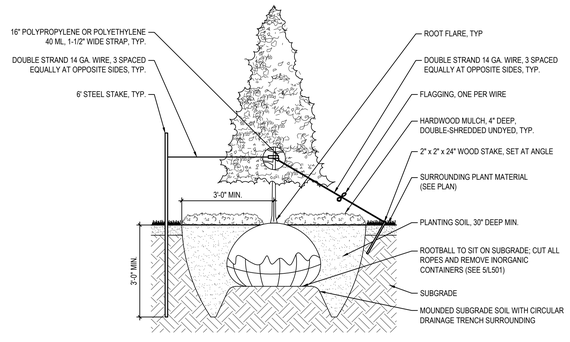
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NOTES:
1. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.
2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
3. DO NOT PLANT TOO DEEP; EXPOSE TOP OF ROOT FLARE 1" ABOVE FINAL GRADE AND PULL MULCH AWAY FROM TRUNK.



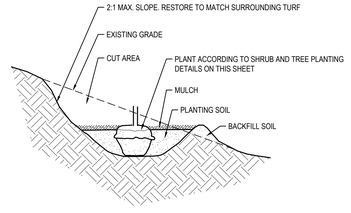
1 DECIDUOUS TREE
NOT TO SCALE

NOTES:
1. CONIFER TO HAVE SHREDDED HARDWOOD MULCH UNLESS NOTED OTHERWISE. NO MULCH SHALL BE IN CONTACT WITH TRUNK.
2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
3. TWO ALTERNATE METHODS OF TREE STAKING ARE ILLUSTRATED.
4. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.
5. DO NOT PLANT TOO DEEP; EXPOSE TOP OF ROOT FLARE 1" ABOVE FINAL GRADE AND PULL MULCH AWAY FROM TRUNK.



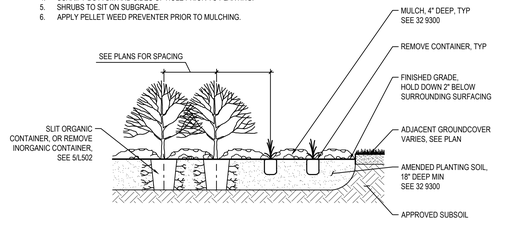
2 CONIFEROUS TREE
NOT TO SCALE

NOTE:
1. EXTEND EXCAVATION AND BACKFILL SOIL TO A POINT DOWNSLOPE EQUAL TO OR LOWER IN ELEVATION THAN THE BOTTOM OF THE HOLE DIRECTLY BENEATH THE PLANT TO ENSURE ADEQUATE DRAINAGE IN HEAVY SOILS. GRANULAR SOIL MUST BE ADDED AS BACKFILL IN AREAS OF POOR DRAINAGE.



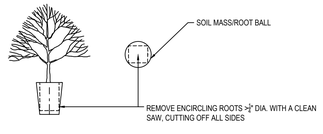
3 TREE ON A SLOPE
NOT TO SCALE

NOTES:
1. HAND LOOSEN ROOTS OF CONTAINERIZED MATERIAL (TYPICAL).
2. HAND REMOVE EXCESS SOIL AT TOP OF ROOT BALL TO EXPOSE TOP OF ROOT FLARE. TYPICALLY REQUIRES THE REMOVAL OF 1-6" OF SOIL FROM CONTAINER OR B&B.
3. ENSURE THAT FIRST MAIN LATERAL ROOT IS LESS THAN 1" BELOW THE FINAL PLANTING SURFACE.
4. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
5. SHRUBS TO SIT ON SUBGRADE.
6. APPLY PELLET WEED PREVENTER PRIOR TO MULCHING.

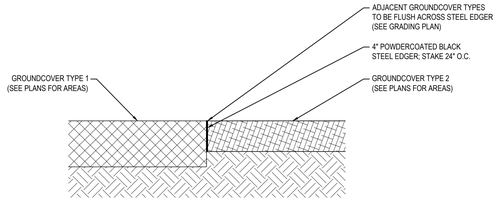


4 SHRUB & PERENNIAL PLANTING
NOT TO SCALE

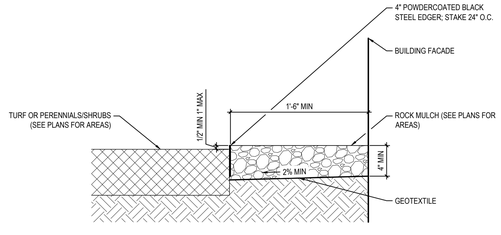
NOTES:
1. FOR TREES, SHRUBS, AND PERENNIALS WITH INORGANIC CONTAINERS, FOLLOW THE "BOXING" PROCEDURE TO REMOVE ENCIRCLING ROOTS.
2. "BOXING" IS ONLY NECESSARY ON THE PLANTS THAT HAVE ENCRICLING ROOTS WITH DIAMETERS GREATER THAN ¾"
3. HAND LOOSENING OF ROOTS IS STILL NECESSARY AFTER "BOXING" THE ROOT BALL (TYPICAL).



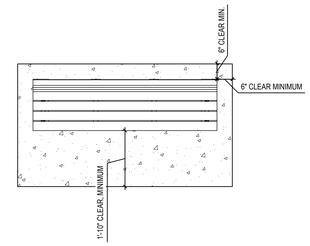
5 BOXING PROCEDURE FOR CONTAINERIZED PLANTS
NOT TO SCALE



6 STEEL EDGER
NOT TO SCALE

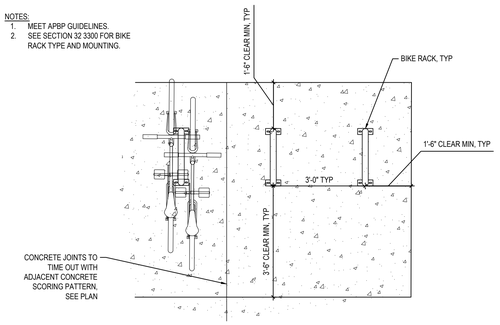


7 ROCK MULCH MAINTENANCE EDGER
SCALE: 1 1/2"=1'-0"



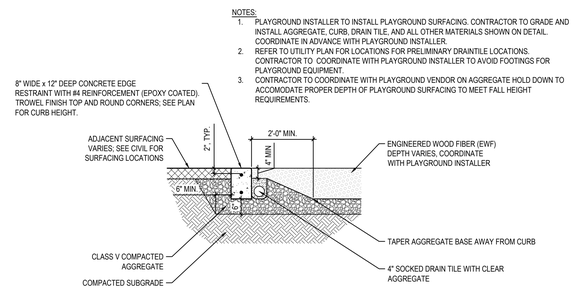
8 6' BENCH PLACEMENT
NOT TO SCALE

NOTES:
1. MEET APBP GUIDELINES.
2. SEE SECTION 32 3300 FOR BIKE RACK TYPE AND MOUNTING.



9 BIKE RACK PLACEMENT
NOT TO SCALE

NOTES:
1. PLAYGROUND INSTALLER TO INSTALL PLAYGROUND SURFACING. CONTRACTOR TO GRADE AND INSTALL AGGREGATE, CURB, DRAIN TILE, AND ALL OTHER MATERIALS SHOWN ON DETAIL. COORDINATE IN ADVANCE WITH PLAYGROUND INSTALLER.
2. REFER TO UTILITY PLAN FOR LOCATIONS FOR PRELIMINARY DRAINTILE LOCATIONS. CONTRACTOR TO COORDINATE WITH PLAYGROUND INSTALLER TO AVOID FOOTINGS FOR PLAYGROUND EQUIPMENT.
3. CONTRACTOR TO COORDINATE WITH PLAYGROUND VENDOR ON AGGREGATE HOLD DOWN TO ACCOMODATE PROPER DEPTH OF PLAYGROUND SURFACING TO MEET FALL HEIGHT REQUIREMENTS.



10 PLAYGROUND CURB
NOT TO SCALE

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ROSEVILLE, MN 55113

CONSULTANT:
HDR
1670 BROADWAY, SUITE 3400
DENVER, CO 80202-4824

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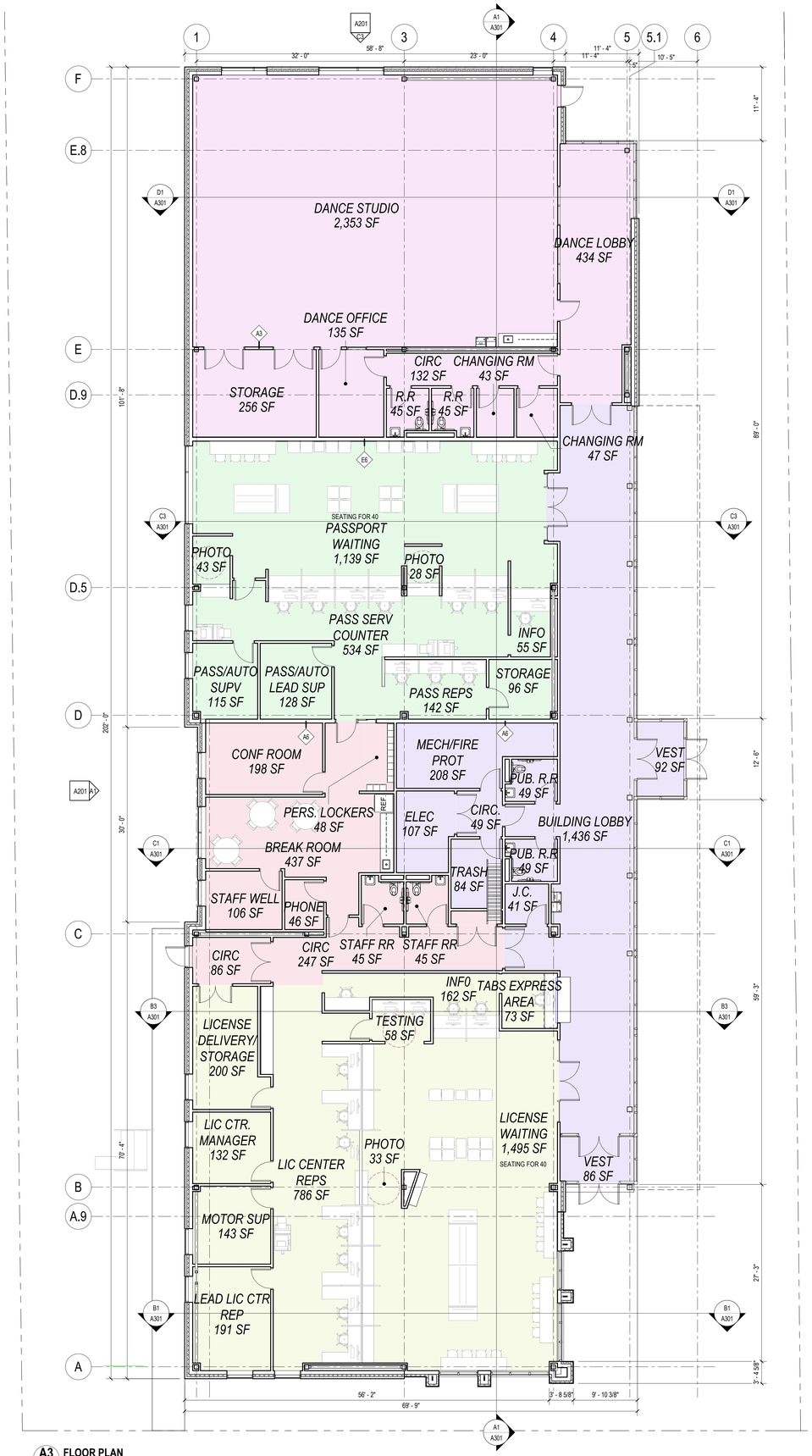
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PROJECT NAME:
ROSEVILLE LICENSE AND PASSPORT CTR AND DANCE STUDIO
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
LANDSCAPE DETAILS

DRAWN BY: KAT
CHECKED BY: JSV
PROJ. NO: 250485
DRAWING NO: L501

File Path: ...250485\00 Drawings\L4\250485 LPC25 Landscape Details.dwg
Plot Date: 5/7/2026 1:16 PM



A3 FLOOR PLAN
A101 1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

C. REFER TO THE CODE ANALYSIS ON SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR REQUIRED FIRE RATINGS, TYPES AND LOCATIONS OF RATED ASSEMBLIES.

D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

E. TYPICAL INTERIOR PARTITION IS A3 WALL TYPE UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

G. DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUD, FACE OF CMU, FACE OF CONCRETE, OR FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.

H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

T. EXTERIOR LANDINGS, STOOPS, BALCONIES, AND PORCHES SHALL BE LEVEL ACROSS DOORWAYS AND SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.

U. EXISTING STRUCTURE LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AS REQUIRED.

V. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AS REQUIRED TO PERFORM WORK. PAINT ACCESS PANELS TO MATCH ADJACENT SURFACE. COORDINATE ACCESS PANEL LOCATIONS WITH MECHANICAL.

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CONSULTANT:
HDR
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Denver, CO 80202-4824

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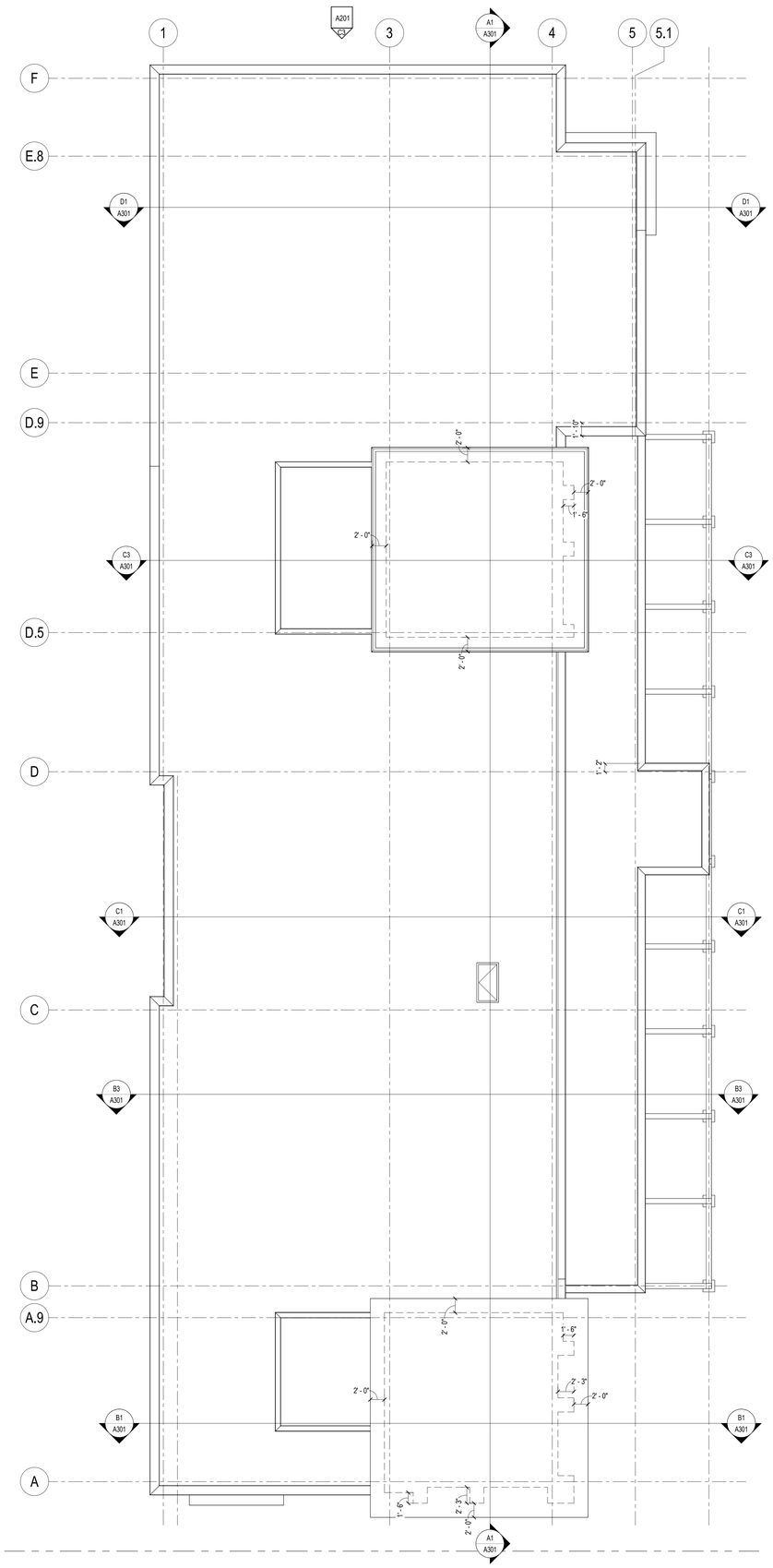
PROJECT NAME:
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WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
LEVEL 1 FLOOR PLAN

DRAWN BY: XXX
CHECKED BY: XXX
PROJ. NO: 250485
DRAWING NO: **A101**

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A3 ROOF PLAN
A111 1/8" = 1'-0"

GENERAL SHEET NOTES

A. NOTE.

B. NOTE.

C. NOTE.

KEYED SHEET NOTES

1 ADD DESCRIPTION HERE
2 ADD DESCRIPTION HERE
3 ADD DESCRIPTION HERE

ROOF PLAN LEGEND

- ROOF DRAIN (RD)
  OVERFLOW DRAIN (ORD)
- MECH HOOD
- EQUIPMENT CURB AT MECHANICAL EQUIPMENT
- ROOF EXHAUST
- EQUIPMENT CURB SUPPORTING PIPING OR CONDUIT. INSTALL MAXIMUM SPACING OF 6'-0" O.C.
- VENT STACK, PIPE OR CONDUIT, SEE DETAIL
- COMBUSTION STACK
- SKYLIGHT
- CRICKET FOR POSITIVE DRAINAGE
- 12" / 12" SLOPE AS INDICATED DIRECTION OF ROOF SLOPE
- DIAMOND CRICKET
- EPDM WALKWAY PAD
- PHOTOVOLTAIC PANEL

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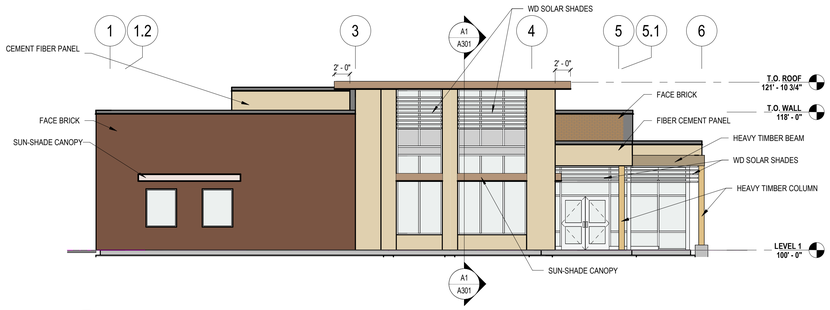
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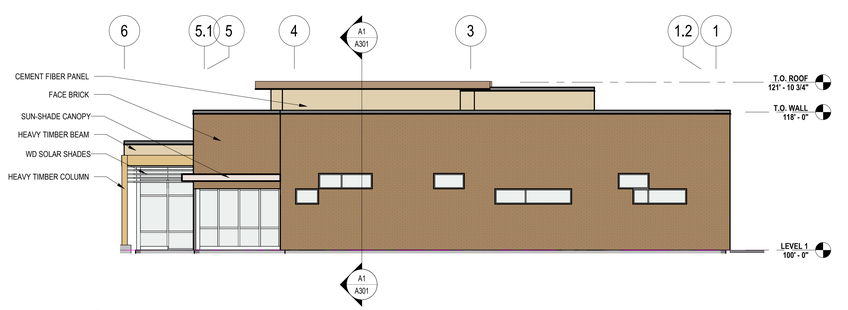
DRAWING TITLE:
ROOF PLAN

DRAWN BY: XXX
CHECKED BY: XXX
PROJ. NO: 250485
DRAWING NO: **A111**

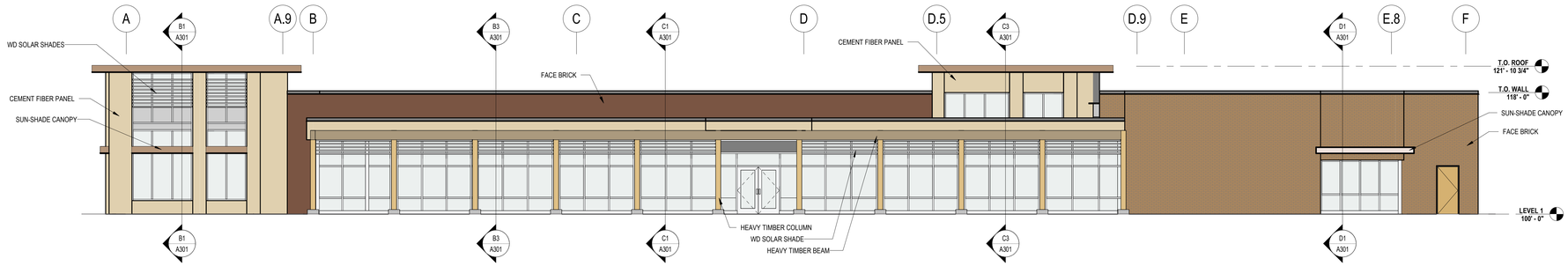
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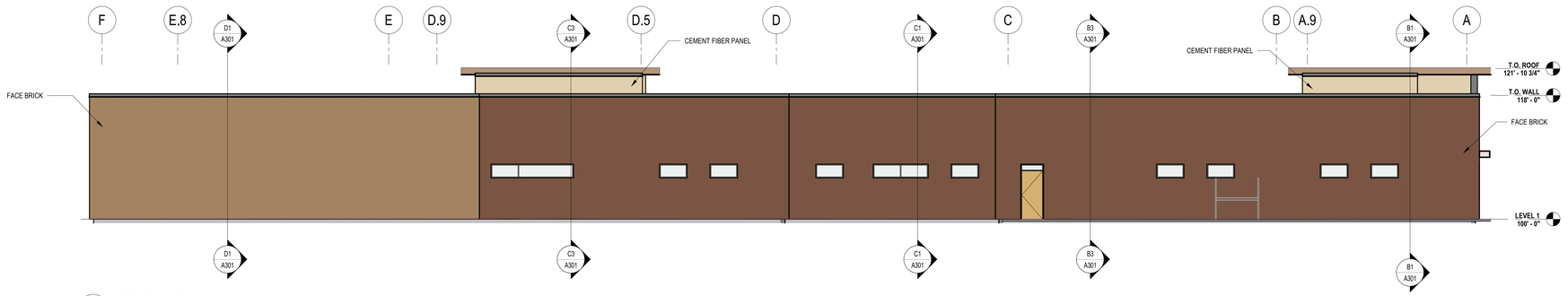
C1 A201 **SOUTH ELEVATION**
1/8" = 1'-0"



C3 A201 **NORTH ELEVATION**
1/8" = 1'-0"



B1 A201 **EAST ELEVATION**
1/8" = 1'-0"



A1 A201 **WEST ELEVATION**
1/8" = 1'-0"

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Denver, CO 80202-4824

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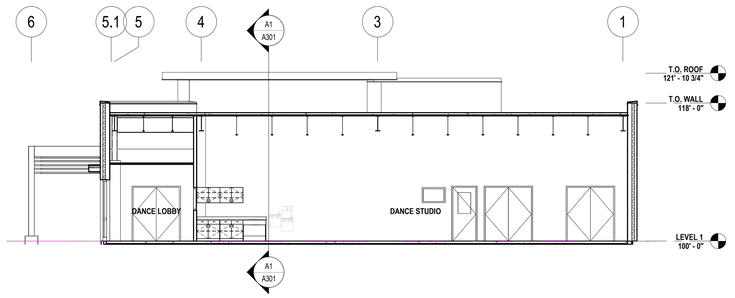
DRAWING TITLE:
EXTERIOR ELEVATIONS

DRAWN BY: XXX
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DRAWING NO: **A201**

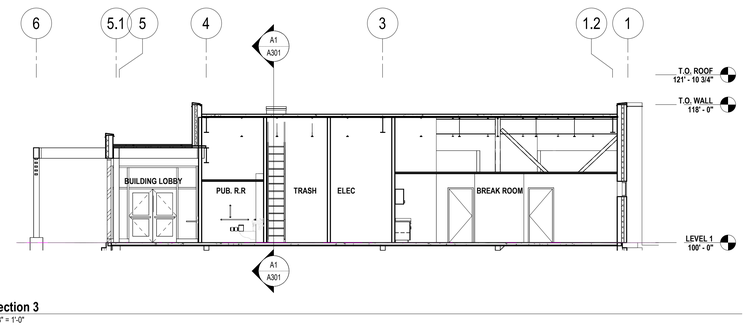
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GENERAL SHEET NOTES

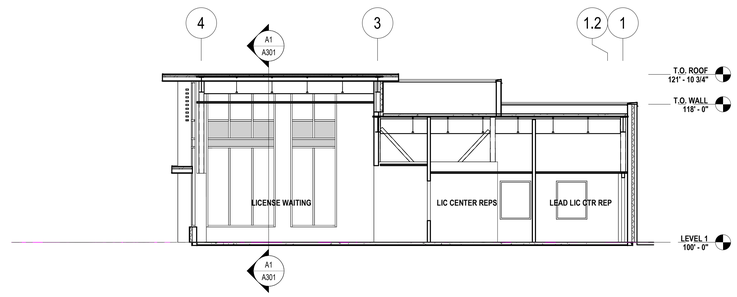
A. BUILDING SECTIONS ARE FOR DIAGRAMMATICAL PURPOSES ONLY. REFER TO DETAILS FOR FURTHER INFORMATION.



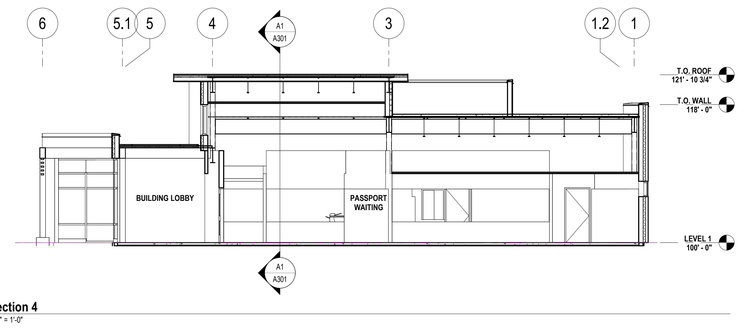
D1 A301 **Section 5**
1/8" = 1'-0"



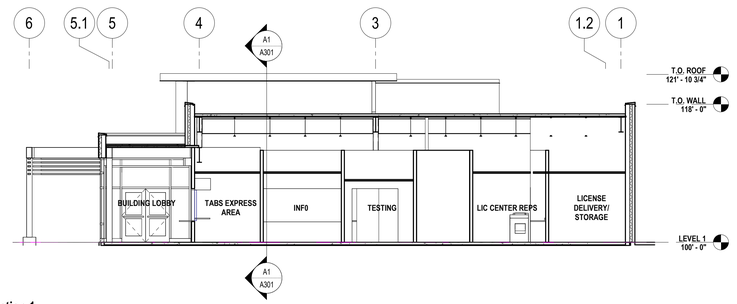
C1 A301 **Section 3**
1/8" = 1'-0"



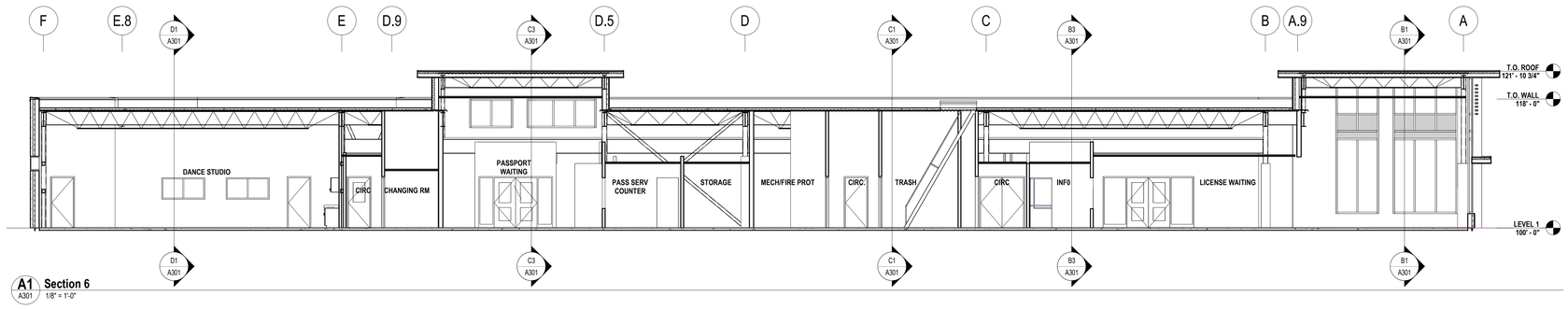
B1 A301 **Section 2**
1/8" = 1'-0"



C3 A301 **Section 4**
1/8" = 1'-0"



B3 A301 **Section 1**
1/8" = 1'-0"



A1 A301 **Section 6**
1/8" = 1'-0"

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DRAWING TITLE:
BUILDING SECTIONS

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PROJ. NO: 250485
DRAWING NO: **A301**

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ROSEVILLE MOC NORTH AND SOUTH

SCHEMATIC DESIGN NARRATIVE

June 5, 2026

LHB

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NARRATIVE

Storage Tank Area

Fuel Dispensing Island

Tank Monitoring System

PART 1: STRUCTURAL SYSTEMS

STRUCTURAL DESIGN – MOC NORTH

STRUCTURAL SYSTEM – COLD STORAGE

1. Typical roof framing:
    a. Metal roof deck.
    b. Steel joists are supported by structural steel girders or girder trusses with exterior bearing walls laid out on approximate 60’-0” by 60’-0” bays.
    c. Structural steel columns are supported by concrete piers and foundations. The columns are encased in 24” diameter concrete that is 12’-0” tall at the base for column protection.
2. Lateral system:
    a. Precast sandwich panel shear walls.
3. Exterior walls:
    a. Precast sandwich panels.
    b. Supported by concrete Thermomass foundation walls.
4. Slab-on-Ground
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. 6” epoxied coated reinforced concrete.
5. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.
    c. The east and north walls will require ~20” thick concrete retaining walls to support the ~10’-0” grade differential from the exterior to the interior finished floor elevation.
        i. The proximity of the retaining walls to the property line and the road will require shoring during construction.

STRUCTURAL SYSTEM – WASH BAY AND BRINE BUILDING

1. Typical roof framing:
    a. 12” precast plank with 3” of topping to provide a smooth surface of the roofing.
    b. The precast plank will be supported on each side by precast bearing walls.
2. Lateral system:
    a. Precast sandwich panel shear walls.
3. Exterior walls:
    a. Precast sandwich panels.
    b. Supported by concrete Thermomass foundation walls.
4. Slab-on-ground
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. 6” epoxied coated reinforced concrete.
5. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

STRUCTURAL SYSTEM – FUEL ISLAND

1. Typical roof framing:
    a. Metal deck supported by structural steel roof framing.
    b. Structural steel columns.
2. Lateral system:
    a. Structural steel moment frames.
    b. Supported by concrete piers.
3. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

STRUCTURAL SYSTEM – SALT STORAGE STRUCTURE

1. Typical roof framing:
    a. 12” precast plank with 3” of topping to provide a flat surface for roofing.
    b. The precast plank will be supported on each side by precast bearing walls.
2. Lateral system:
    a. Precast solid panel shear walls.
3. Exterior walls:
    a. Precast solid panels.
    b. Supported by concrete foundation walls.
4. Slab-on-Ground
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. 6” epoxied coated reinforced concrete.
5. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

STRUCTURAL SYSTEM – SITE WALLS

1. Walls:
    a. Precast solid panels cantilevered from either foundation walls or footings.
    b. Supported by concrete foundation walls.
2. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

STRUCTURAL DESIGN – MOC SOUTH

STRUCTURAL SYSTEM – VEHICLE STORAGE NORTH ADDITION

1. Typical roof framing:
    a. Metal roof deck.
    b. Steel joists supported by structural steel girders or girder trusses laid out on approximate 80’-0” by 45’-0” bays.
    c. Structural steel columns are supported by concrete piers and foundations. The columns are encased in 24” diameter concrete that is 12’-0” tall at the base for column protection.
2. Typical mezzanine framing:
    a. 12” precast plank with 3” of topping supported by either precast bearing walls or structural steel framing.
3. Lateral system:
    a. Precast sandwich panel shear walls on the north, east, and west sides.
    b. Braced structural steel frame on the south side.
4. Exterior walls:
    a. Precast sandwich panels.
    b. Supported by concrete Thermomass foundation walls.
5. Slab-on-Ground
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. 6” epoxied coated reinforced concrete.
6. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.
    c. The east and north walls will require ~20” thick concrete retaining walls to support the ~10’-0” grade differential from the exterior to the interior finished floor elevation.

STRUCTURAL SYSTEM – VEHICLE STORAGE EAST ADDITION

1. Typical roof framing:
    a. Metal roof deck.
    b. Steel joists supported by structural steel girders or girder trusses laid out on approximate 80’-0” by 45’-0” bays.
    c. Structural steel columns are supported by concrete piers and foundations. The columns are encased in 24” diameter concrete that is 12’-0” tall at the base for column protection.
    d. There will be double structure located between the Maintenance Bay structure and the Vehicle Storage structure due to fire separation.
        i. Structural steel girders and columns will support the roof on the Vehicle Storage side.
2. Lateral system:
    a. Precast sandwich panel shear walls and braced structural steel frames.
    b. Braced structural steel frames occur at the Maintenance Bay walls.
        i. The Maintenance Bay structure is to be isolated from the MOC Vehicle Storage East Addition structure.
3. Exterior walls:
    a. Precast sandwich panels.
    b. Supported by concrete Thermomass foundation walls.

4. Slab-on-Ground
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. 6” epoxied coated reinforced concrete.
5. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

STRUCTURAL SYSTEM – MAINTENANCE BAYS ADDITION

1. Typical roof framing:
    a. Metal roof deck.
    b. Steel joists are supported by structural steel girders or precast bearing walls.
    c. Structural steel columns are supported by concrete piers and foundations.
2. Lateral system:
    a. Precast sandwich panel shear walls on the north, east, and west sides.
    b. Braced structural steel frame on the south side.
3. Exterior walls:
    a. Precast sandwich panels.
    b. Supported by concrete Thermomass foundation walls.
4. Slab-on-Ground
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. 8” epoxied coated reinforced concrete.
5. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

STRUCTURAL SYSTEM – SITE WALLS

1. Walls:
    a. Precast solid panels cantilevered from either foundation walls or footings.
    b. Supported by concrete foundation walls.
2. Foundations:
    a. Soil corrections or the use of Geopiers are required. For further information consult the Geotechnical Report.
    b. Foundations are anticipated to be shallow concrete foundation walls and footings at frost depth.

PART 2: MOC NORTH MECHANICAL SYSTEMS

DIVISION 21

FIRE PROTECTION

1. Provide a wet pipe fire suppression system throughout the new Tempered Storage and Wash Bay buildings with coverage designed in accordance with NFPA 13.
2. Performance-based construction documents will be provided, with final design completed by the chosen Fire Protection Contractor.
3. Hydrant flow tests are still pending for the area, and it is unknown as of this report if a fire protection booster pump will be required, this is less likely due to the scale of these two buildings.
4. Intent will be to route a combined domestic and fire protection water pipe into the Wash Bay building from the South, once inside the building the FP riser will split from the domestic water. The Tempered Storage building may not have any domestic water fixtures and may be only a fire protection riser, likely in one of the corners of the building. Depending on existing street connections available, both building risers may branch off of one larger main into the site, or independently from separate street connections.
5. It is expected that each building will have a single zone FP riser assembly. The riser will also include a single Fire Department Connection (FDC) and Backflow preventer test connection (BFP) to be located on the building exterior later in design based on Fire Marshall input.
6. Areas of coverage include a tempered storage building and an equipment wash bay building with a separated brine mixing area with storage tanks.
7. Sprinkler heads will generally be exposed types high in open ceiling spaces.
8. Exterior covered storage areas will need to be evaluated for fire protection requirements, but it is not expected they will be included in coverage areas.

DIVISION 22

PLUMBING UTILITIES

1. Domestic water service shall enter the building as described in the fire protection section above.
2. New domestic water riser shall include a water meter with full size bypass and isolation valves, as well as a FP shut-off solenoid valve.
3. If Natural gas options are selected for the building, a natural gas meter will be placed on an exterior wall of one of the buildings, further discussion is needed if both buildings should be metered separately. NG piping will be routed high on structure and distribute to all gas-fired equipment.
4. Sanitary waste will be collected below grade and piping will exit the building to the South toward the street. Trench drains will be provided within wash bay. Sand and flammable waste interceptors will be provided for all spaces with vehicles present.
5. The buildings will have internal primary roof drainage for approximately 5,800SF and 24,000 SF of roof surfaces. Primary drainage will be directed to the North and may be collected for greywater reuse. Secondary draining will either daylight to the sides of the buildings or be performed by scuppers at the roof level.

PLUMBING GENERAL

1. Provide new complete plumbing systems for brine mixing and vehicle washdown to meet MN Plumbing code and all applicable standards and codes from all authorities having jurisdiction.
2. Provide floor drains and trench drains throughout wash areas and vehicle storage areas.
3. It will need to be determined if wash equipment will be provided with independent heaters or if an independent water heater is needed. If so, provide tank style storage water heater for fixtures as described above. If natural gas options are chosen for the building, the water heater could be either gas-fired or a hybrid heat-pump/electric unit.
4. Any gas-fired equipment shall be provided with condensate treatment.
5. Domestic hot water system shall be provided with circulating piping and pump and will have a central thermostatic mixing valve.
6. Provide low flow fixtures and aerators for any handwash sinks.
7. Further coordination is needed with equipment suppliers to determine domestic requirements related to wash bay and brine mixing equipment.

PLUMBING MATERIALS

1. Piping materials for storm drainage, waste, and vent piping shall be Schedule 40 PVC or Cast Iron.
2. Piping materials for Domestic water shall be copper with soldered or press fit joints.
3. Natural gas piping to be steel if gas-fired options are selected.
4. Domestic water piping shall be insulated to meet code required thickness.
5. Storm piping shall have 1” thick fiberglass insulation.

DIVISION 23

MECHANICAL SYSTEMS GENERAL

1. Heating and cooling loads are based on 99.6% ASHRAE design weather data for the Minneapolis/St. Paul area. Heating will be provided for the Tempered Storage building to a lower setpoint to be determined at a later time. This setpoint will need to be coordinated with the wet pipe fire protection system to prevent freezing. A similar lower heating setpoint may be provided for the Wash Bay and Brine building. Cooling will likely not be provided for the Storage building but has not been determined for the Wash Bay building.
2. The Tempered Storage building will require approximately 18,000 CFM of exhaust air and tempered make-up air. 1-2 energy recovery make up air units will be placed on the roof for this purpose. This unit will likely be gas-fired, but alternate heating sources may be explored.
3. The Wash building will require approximately 5,500 CFM of exhaust air and tempered make-up air. An energy recovery make up air unit will be placed on the roof for this purpose. This unit will likely be gas-fired, but alternate heating sources may be explored.
4. Exhaust air will be collected from both buildings in a high/low arrangement to prevent buildup of hazardous gases. Tempered make-up air will be distributed high within spaces. CO and NO2 sensors will be provided for all interior vehicle spaces.

5. Primary space heating will be done with cabinet unit heaters, or radiant panels. Terminal heating equipment will be selected based on space environmental conditions, with special care in the Wash bay. These unit heaters will likely be gas fired, but alternate heating sources may be explored.
6. All HVAC systems within this project will be tied into a central direct digital control (DDC) system, with control valves, dampers, and sensors as needed to operate all pieces of equipment in an efficient manner.
7. All major HVAC equipment will require manufacturer approved start-up technicians.
8. All HVAC systems will require balancing.
9. All HVAC systems and plumbing water treatment and heating systems will require Owner training and contractor furnished commissioning.
10. Commissioning will consist of equipment start-ups attended by the foreman of the mechanical and electrical contractor, start-up reports signed by the start-up technician and contractor foremen, testing and balancing report, Owner training report listing all attendees of the training along with entity they represent, and a DDC system commissioning report provided by the DDC system contractor showing that all sequences have been verified and sensors are properly calibrated.
11. The DDC contractor shall provide 8 hours of onsite time reviewing the sequences and proving working order to the mechanical design team

GEOTHERMAL DISCUSSION

The MOC North site is not ideal for the use of geothermal energy, unless it could be tied to the existing system on the South side of Woodhill Drive. The MOC North site is heating dominated and will have essentially no cooling loads to balance the ground temperature. The Existing system on the South side has the opposite issue with a cooling dominated load profile and could benefit from connecting further heating dominated loads. Overall, this is likely not practical for the MOC North side of the street.

PART 3: MOC SOUTH MECHANICAL SYSTEMS

DIVISION 21

FIRE PROTECTION

1. Provide a wet pipe fire suppression system throughout the new building with coverage designed in accordance with NFPA 13.
2. Performance-based construction documents will be provided, with final design completed by the chosen Fire Protection Contractor.
3. Hydrant flow tests are still pending for the area, and it is unknown as of this report if a fire protection booster pump will be required for the building. This building is most likely to need a booster pump due to the scale of the building and total flow requirements.
4. Intent will be to route a large diameter combined domestic and fire protection water pipe into the building from the West wall under the slab into the fire protection riser room, where the FP riser will split from the domestic water.

5. It is expected that the building will have a multiple zone FP riser assembly. The riser will also include a single Fire Department Connection (FDC) and Backflow preventer test connection (BFP) to be located on the building exterior later in design based on Fire Marshall input.
6. Areas of coverage include vehicle storage, vehicle maintenance, parks and other storage, and office spaces.
7. Sprinkler heads will generally be concealed within spaces with ceilings and exposed types in spaces without ceilings.

DIVISION 22

PLUMBING UTILITIES

1. Domestic water service shall enter the building as described in the fire protection section above.
2. New domestic water riser shall include a water meter with full size bypass and isolation valves, as well as a FP shut-off solenoid valve. If irrigation piping will be included with the project, an RPZ backflow protection device will be provided on the riser to isolate it from the potable water systems.
3. If Natural gas options are selected for the building, a natural gas meter will be placed on the exterior of the building. NG piping will be routed above ceilings or high within structure to all gas-fired equipment.
4. Sanitary waste will be collected below grade, and piping will exit the building to the North toward the street. Depending on the existing street connections available, there may be several mains leaving the building. Sand and flammable waste interceptors will be provided for all spaces with vehicles present.
5. The building will have internal primary and secondary roof drainage for approximately 13,700 SF of roof surface. Primary drainage will be directed to the North toward the street and may be collected for greywater reuse. Secondary draining will daylight to the exterior greenspaces of the building.

PLUMBING GENERAL

1. Provide new complete plumbing systems for bathrooms, shower rooms, janitors closets, breakroom and maintenance sinks, and water coolers to meet MN Plumbing code and all applicable standards and codes from all authorities having jurisdiction.
2. Provide maintenance areas with all domestic water, natural gas, and compressed air piping connections required for equipment and proposed layouts.
3. Provide floor drains for all bathrooms, janitorial, and multiple within Mechanical rooms. Provide floor drains and trench drains as needed for all vehicle storage areas and maintenance bays.
4. Provide tank style storage water heaters for fixtures as described above, one heater for the maintenance area, and one for the office area. If natural gas options are chosen for the building, the water heater could be either gas-fired or electric. If a geothermal option is chosen the water heater will be electric. Small capacity will lean the maintenance area selection toward electric in either case.
5. Any gas-fired equipment shall be provided with condensate treatment.
6. Domestic hot water system shall be provided with circulating piping and pump and will have a central thermostatic mixing valve.
7. Provide low flow fixtures and aerators for sinks and toilets.

PLUMBING MATERIALS

1. Piping materials for storm drainage, waste, and vent piping shall be Schedule 40 PVC or Cast Iron.
2. Piping materials for Domestic water shall be copper with soldered or press fit joints.

3. Natural gas piping to be steel if gas-fired options are selected.
4. Domestic water piping shall be insulated to meet code required thickness.
5. Storm piping shall have 1” thick fiberglass insulation.

DIVISION 23

MECHANICAL SYSTEMS GENERAL

1. Heating and cooling loads are based on 99.6% ASHRAE design weather data for the Minneapolis/St. Paul area. Heating will be provided for all interior spaces. Cooling will be provided for the office area, the maintenance area office block, and other spot locations as requested.
2. Electrical rooms with heat loads will be provided with split AC units for spot cooling.
3. Compressor/fluids room may be spot cooled or have oversized roof exhaust systems to evacuate heat.
4. Final confirmation will be needed to determine if Maintenance areas are also cooled.
5. All HVAC systems within this project will be tied into a central direct digital control (DDC) system, with control valves, dampers, and sensors as needed to operate all pieces of equipment in an efficient manner.
6. All major HVAC equipment will require manufacturer approved start-up technicians.
7. All HVAC systems will require balancing.
8. All HVAC systems and plumbing water treatment and heating systems will require Owner training and contractor furnished commissioning.
9. Commissioning will consist of equipment start-ups attended by the foreman of the mechanical and electrical contractor, start-up reports signed by the start-up technician and contractor foremen, testing and balancing report, Owner training report listing all attendees of the training along with entity they represent, and a DDC system commissioning report provided by the DDC system contractor showing that all sequences have been verified and sensors are properly calibrated.
10. The DDC contractor shall provide 8 hours of onsite time reviewing the sequences and proving working order to the mechanical design team

VEHICLE STORAGE AREA MECHANICAL SYSTEMS

1. Vehicle storage areas will require approximately 45,500 CFM of exhaust and tempered make-up air based on square footage. Approximately 5 energy recovery make up air units will be placed on the roof for this purpose. These units will likely be gas-fired, but alternate heating sources may be explored. These units will not have cooling.
2. Exhaust air will be collected from vehicle storage areas of the building in a high/low arrangement to prevent buildup of hazardous gases. Make-up air will be distributed high within spaces and mostly near the MAUs, some supply duct may be added for more even distribution. CO and NO2 sensors will be provided for all interior vehicle spaces.
3. Primary space heating will be done with unit heaters, or radiant panels/tubing. Terminal heating equipment will be selected based on space environmental conditions, with targeted heat at building openings. These unit heaters will likely be gas fired, but alternate heating sources may be explored.

VEHICLE MAINTENANCE & PARKS AREA MECHANICAL SYSTEMS

4. Vehicle maintenance areas will require approximately 10,800 CFM of exhaust and tempered make-up air based on square footage. With approximately 6400 CFM in the larger vehicle maintenance area, and 4,400 CFM in the Parks area. Each area will be served by an energy recovery make up air unit, that will be placed on the roof. These units will likely be gas-fired, but alternate heating sources may be explored. These units may have cooling depending on owner coordination, likely packaged DX systems.
5. Exhaust air will be collected from vehicle maintenance areas in a high/low arrangement to prevent buildup of hazardous gases. Make-up air will be distributed high within spaces and mostly near the MAUs, some supply duct may be added for more even distribution. CO and NO2 sensors will be provided for all interior vehicle spaces.
6. Primary space heating will be done with unit heaters, or radiant panels/tubing. Terminal heating equipment will be selected based on space environmental conditions, with targeted heat at building openings. These unit heaters will likely be gas fired, but alternate heating sources may be explored.
7. Direct vehicle exhaust systems shall be provided for vehicle maintenance bays, approximately 8 locations but may be less once coordinated with equipment contractor. Vehicle exhausts shall be provided with independent exhaust fans, exhaust hose reels, pendant or wall switches, and appropriate funnels or other attachments.
8. Vehicle Maintenance Office areas and Parks areas that are not exhaust driven shall have heating, cooling and ventilation air provided by 1 or more variable volume packaged rooftop units with DX cooling. These unit(s) will likely be gas fired, but alternate heating sources may be explored. This RTU(s) are also good candidates to be an Air Source Heat Pump (ASHP) with natural gas or other form of backup heat. This will reduce gas use during heating and increase the unit efficiency. Each unit will be provided with energy recovery in the form of a wheel or core with economizing bypass dampers.
9. Air will be distributed through ductwork to spaces with variable air volume terminal units (VAVs). Smaller spaces with similar load profiles may be grouped onto a single VAV. Rooms will generally have overhead mixing air diffusers and ducted ceiling return grilles. Open Ceiling areas will have exposed ductwork and sidewall or duct mounted grilles and diffusers.

FIELD STAFF OFFICES & STREETS/UTILITIES AREAS MECHANICAL SYSTEMS

1. Ventilation and cooling air will be provided by a variable volume packaged rooftop air handling unit (RTU). Each unit will be provided with energy recovery in the form of a wheel or core with economizing bypass dampers. This RTU is also a good candidate to be an Air Source Heat Pump (ASHP) with heating water backup heat. This will reduce energy use during heating and increase the unit efficiency.
2. Ventilation air heating (tempering) will be done by a heating water coil with a 30% propylene glycol mixture working fluid.
3. Air will be distributed through ductwork to spaces with variable air volume terminal units (VAVs) with heating water reheat coils. Smaller spaces with similar load profiles may be grouped onto a single VAV. Rooms will generally have overhead mixing air diffusers and ducted ceiling return grilles.
4. Bathrooms and locker rooms will have code required exhaust flows provided by a centralized fan based on building schedule. Depending on the volume required, this exhaust system may have a small energy recovery unit to temper circulating air.
5. Space heating will be done with distributed heating water piping to wall mounted fin tube, cabinet unit heaters, or radiant panels. Terminal heating equipment will be selected for lower water temps with the basis of 140F

with a 30% propylene glycol mixture working fluid. System will include circulator pumps, air separators, expansion tanks, and glycol make-up systems.

6. Hydronic heating to be provided by high efficiency condensing natural gas-fired boilers sized to serve the office and possibly some adjacent spaces. System to include all typical accessories to function properly.

HIGH LEVEL HVAC OPTION 1:

1. Primarily individual systems as described for each of the areas above. Most items are gas-fired, and cooling is DX cooling coils.
2. Any centralized systems like those described for the office area above are contained to those areas and do not serve across the building.

HIGH LEVEL HVAC OPTION 2: PARTIALLY CENTRALIZED HEATING AND COOLING PLANTS

1. The heating plant described for the office area is expanded to include a branch circulating over to the vehicle maintenance area and is used to heat office spaces and for the vehicle maintenance office RTU. Large outdoor air MAUs/ERUs are likely still natural gas due to high heating load and exposure to large volumes of cold outdoor air.
2. Similarly, a roof mounted chiller is provided to produce chilled water for all cooled areas, pumps and distribution piping circulate to all RTUs that have cooling. This would centralize the refrigerant compressor maintenance and increase overall building efficiency, however, any issue with the chiller would affect cooling for the whole building, whereas individual DX units can compartmentalize issues.
3. These options can also lend to being used off an existing geothermal loop as discussed below.

GEOTHERMAL DISCUSSION

The South MOC building is adjacent to or may have been connected to an existing campus style geothermal heat exchanger system. A recent evaluation report showed drawings that include the current MOC building on the loop. This report also noted that the loop was imbalanced and was rejecting too much heat to the ground due to the Ice Arena cooling. If the loop has existing flow capacity for the MOC building, the geothermal loop would benefit from the MOC buildings more heating dominated loads, to pull some of the excess net heat from the loop.

One of the largest downsides of geothermal energy storage is the initial cost compared to less environmentally friendly system options. However, in this case the initial investment has already been made. Further evaluation may need to be made to determine if existing geothermal is present, and if the system can be used in its current imbalanced temperature state. If existing geothermal is not present and accessible, it is unlikely the area outside the building would be large enough for an entirely new geothermal system.

PART 4: MOC NORTH ELECTRICAL SYSTEMS

DIVISION 26

ELECTRICAL SERVICE

1. Building service shall be fed from new exterior pad mounted utility transformer and service connection cabinet.
2. Refer to civil drawings for proposed transformer location. Coordinate final utility transformer location and requirements with local utility.
3. Metering shall be provided per Local Utility requirements. One building utility meter shall be provided for entire electrical service.
4. Provide 480/277V, 3-phase, 4-wire, 400A distribution panel for main electrical service. Provide (1) 400A, 277/480V, 3-phase, 4-wire panel board. Provide one (1) 480-208V, 112.5kVA transformer, and (1) 400A, 120/208V, 3-phase, 4-wire panelboard as required to power lighting, equipment, receptacles, and HVAC equipment as needed. Provide one (1) 120/208V, 3-phase, 4-wire panel board within Cold Storage building.
5. Electrical distribution equipment shall be located in electrical room located in Washbay Building. Equipment shall be NEMA 3R rated and provided with required NEC clearances. Refer to architect for locations.
6. Complete grounding system shall be provided for all electrical systems and equipment as required by National Electric Code and all other applicable codes.
7. Provide a minimum of 20% spare 1P-20A circuit breakers at panelboards.

LIGHTING

1. Provide LED light fixtures throughout, including building mounted exterior lighting.
2. LED light fixture color temperature shall be 3000K in common and public spaces and 4000K on building exterior.
3. Fixtures shall be provided to comply with IES illumination levels, and both State and Local codes.
    a. The following is a guideline for various areas in the Project:

Area	Footcandle Level (minimum maintained)
Exterior, Garage Entry	10
Mechanical/Electrical Rooms	30
Office	50
Storage	10
Washbay	50

4. Provide automatic lighting control as required by Code for all light fixtures. Automatic controls shall include occupancy sensors, vacancy sensors, and daylight sensors as required.
5. Provide wall mounted local room lighting controls in all spaces. Local controls shall consist of push button controls with dimming capabilities.
6. Control exterior lighting via building mounted photocell.
7. Provide cold weather rated 4’ strip LED fixtures in Cold Storage building.

8. Provide vapor tight 4’ LED fixtures for all fixtures within Wash bay and Brine Storag building.
9. Provide LED exit signs along exit pathways and at each required exit door.
10. Provide building mounted exterior lights at each exterior door at each building. Control via building mounted photocell.
11. Provide pole lighting to provide general lighting at vehicle drive area. Comply with local lighting level and control requirements. Power to be provided by Wash bay building. Control via building mounted photocell.

POWER

1. Provide electrical connections for mechanical equipment provided by others. Refer to the mechanical portion of this narrative for additional information. Coordinate final breaker requirements with equipment supplier.
2. Coordinate disconnect switches for mechanical equipment with mechanical contractor. Identify with permanently applied labels.
3. Make connections to all equipment provided by others, including but not limited to overhead doors, wash bay equipment, and fuel station equipment.
4. Receptacles to be Spec grade heavy duty and tamper resistant.
5. Provide specification grade GFCI outlets per NEC.
6. Exterior receptacles shall be WP/GFCI as required.
7. Provide GFCI outlet at the entry door of all back of house spaces and areas such as Mechanical, Electrical, Water, and Storage rooms.
8. Provide flush outdoor receptacles outside each exterior door and within 25 feet of each piece of exterior mechanical equipment. Provide lockable cast in use covers at each location.
9. Provide dedicated connections for printers, copiers, kitchen equipment, overhead doors, fitness equipment, laundry equipment, etc. Refer to architectural plans for locations.
10. Provide oversized conductors for branch circuit distances over 75’ for voltage drop correction per NEC requirements.
11. Provide AFCI/GFCI devices (receptacles or circuit breakers) as required per the NEC.

LOW VOLTAGE

1. Provide dedicated 120-volt branch circuit connections to all communication and special system control panels and head end equipment such as Security, Access Control, Communications, etc.
2. Provide a complete voice/data distribution system including all punch down blocks, wiring, and devices.
3. Provide a complete CCTV system including cameras and DVR. For bidding purposes assume a camera at each point of entry to the building and (10) cameras for the License and Passport spaces. Coordinate locations with Architect.
4. Provide (2)3” empty conduits from property line to main electric room for low voltage utility use. Coordinate location on site with local utility and Civil.
5. Provide main backboard within main electrical room.
6. Voice/data cable shall be CAT6.
7. Provide one (1) voice/data cable from main backboard to each common outlet.

EMERGENCY POWER

1. Provide a 30kW natural gas emergency generator for all emergency systems and legally required systems.
2. Provide dedicated ATS to each load description as required. The emergency generator shall supply power to the following electrical loads:
    a. Optional Stand-by loads:
        i. Building Security System
        ii. All IT/Data room receptacles
        iii. Fuel pump system
        iv. Overhead doors
3. Generator enclosure shall contain sound attenuation. Generator noise levels shall meet or exceed code required minimum allowable noise level at property line.

PART 5: MOC SOUTH ELECTRICAL SYSTEMS

DIVISION 26

ELECTRICAL SERVICE

1. Building service shall be fed from new exterior pad mounted utility transformer and service connection cabinet.
2. Refer to civil drawings for proposed transformer location. Coordinate final utility transformer location and requirements with local utility.
3. Metering shall be provided per Local Utility requirements. One building utility meter shall be provided for entire electrical service.
4. Provide 480/277V, 3-phase, 4-wire, 1600A distribution panel for main electrical service. Provide (4) 200A, 277/480V, 3-phase, 4-wire panel board. Provide four (4) 480-208V, 112.5kVA transformers, and (4) 400A, 120/208V, 3-phase, 4-wire panelboards as required to power lighting, equipment, receptacles, and HVAC equipment as needed.
5. Main electrical distribution equipment shall be located in Main Electrical Room located in Vehicle Storage. One set of 480/277V, transformer, and 120/208V panel shall be located in Field Staff Office area, Vehicle Storage area, and Vehicle Maintenance. Equipment shall be provided with required NEC clearances. Refer to architect for locations of remote electrical rooms.
6. Complete grounding system shall be provided for all electrical systems and equipment as required by National Electric Code and all other applicable codes.
7. Provide space within main electric room for future photovoltaic equipment. Provide (2)2” empty conduits to roof for future photovoltaic use. Confirm metering requirements with local utility for back feeding the electrical grid.
8. Provide a minimum of 20% spare 1P-20A circuit breakers at panelboards.

LIGHTING

1. Provide LED light fixtures throughout, including building mounted exterior lighting.
2. LED light fixture color temperature shall be 3000K in common and public spaces and 4000K on building exterior.

3. Fixtures shall be provided to comply with IES illumination levels, and both State and Local codes.
    a. The following is a guideline for various areas in the Project:

Area	Footcandle Level (minimum maintained)
Break Room	40
Commons	30
Corridor, Public (active)	30
Data Room, IDF	50
Data Room, MDF	50
Exterior, Garage Entry	10
Exterior, Parking	0.5
Fire Pump	10
Garage, Aisle	5
Garage, Parking	2
Lobby	30
Mechanical/Electrical Rooms	30
Office	50
Restrooms	30
Storage	10
Shop/Workroom	50

4. Provide automatic lighting control as required by Code for all light fixtures. Automatic controls shall include occupancy sensors, vacancy sensors, and daylight sensors as required.
5. Provide wall mounted local room lighting controls in all spaces. Local controls shall consist of push button controls with dimming capabilities.
6. Control exterior lighting via building mounted photocell.
7. Provide recessed 2x4 LED flat panel lights in all private offices and combined offices.
8. Provide recessed 2x2 LED flat panel lights in all corridors.
9. Provide 4’ strip LED fixtures in back of house storage, mechanical/electrical rooms, workrooms, shops, and covered garage.
10. Provide LED exit signs along exit pathways and at each required exit door.
11. Provide building mounted exterior lights at each entrance to the building including overhead doors and man doors. Control via building mounted photocell.

POWER

1. Provide electrical connections for mechanical equipment provided by others. Refer to the mechanical portion of this narrative for additional information. Coordinate final breaker requirements with equipment supplier.
2. Coordinate disconnect switches for mechanical equipment with mechanical contractor. Identify with permanently applied labels.

3. Make connections to all equipment provided by others, including but not limited to microwaves, fitness equipment, welding equipment, workshop equipment, overhead doors, and vehicle repair equipment.
4. Receptacles to be Spec grade heavy duty and tamper resistant.
5. Provide specification grade GFCI outlets per NEC.
6. Exterior receptacles shall be WP/GFCI as required.
7. Provide GFCI outlet at the entry door of all back of house spaces and areas such as Mechanical, Electrical, Water, and Storage rooms.
8. Provide flush outdoor receptacles outside each exterior door and within 25 feet of each piece of exterior mechanical equipment. Provide lockable cast in use covers at each location.
9. Near all electrical distribution equipment, provide GFCI receptacle.
10. Provide dedicated connections for printers, copiers, kitchen equipment, overhead doors, fitness equipment, laundry equipment, etc. Refer to architectural plans for locations.
11. Provide conduit for eight (8) electric vehicle charging stations at locations selected by the Owner. Provide (2) 1” conduits for power and data respectively to each car charger location.
12. Provide general purpose receptacles throughout the facility as required by the NEC and for the building function.
13. Provide oversized conductors for branch circuit distances over 75’ for voltage drop correction per NEC requirements.
14. Provide AFCI/GFCI devices (receptacles or circuit breakers) as required per the NEC.

LOW VOLTAGE

1. Provide dedicated 120-volt branch circuit connections to all communication and special system control panels and head end equipment such as Fire Alarm, Access Control, Communications, etc.
2. Provide a complete voice/data distribution system including all punch down blocks, wiring, and devices.
3. Provide a complete and fully functional fire alarm system as required by code. Make all connections to building sprinkler system as required. Coordinate sprinkler system and fire pump connection requirements with Sprinkler Contractor.
4. Provide a complete CCTV system including cameras and DVR. For bidding purposes assume a camera at each point of entry to the building and (20) cameras for the License and Passport spaces. Coordinate locations with Architect.
5. Provide (2)3” empty conduits from property line to main electric room for low voltage utility use. Coordinate location on site with local utility and Civil.
6. Provide main backboard within main electrical room. Provide remote telecom backboards within Field Staff Office area and Vehicle Maintenance area.
7. Voice/data cable shall be CAT6.
8. Provide one (1) voice/data cable from main backboard to each common outlet.

EMERGENCY POWER

1. Provide a 125kW natural gas emergency generator for all emergency systems and legally required systems.
2. Provide dedicated ATS to each load description as required. The emergency generator shall supply power to the following electrical loads:
    a. Life Safety Loads:
        i. Corridor egress lighting
        ii. Electrical and communication room lighting
    b. Optional Stand-by loads:
        i. Building Security System
        ii. All IT/Data room receptacles
        iii. Overhead doors
3. Generator enclosure shall contain sound attenuation. Generator noise levels shall meet or exceed code required minimum allowable noise level at property line.

EQUIPMENT

COMPRESSED AIR

LUBRICATION FLUIDS

FUELING

PART 1: COMPRESSED AIR SYSTEM

NARRATIVE

A compressed air distribution system with an air compressor and refrigerated air dryer shall be provided using a combination of storage vessels and piping in a loop system. Compressor and dryer sizing and types shall be determined based on the demand requirements.

Compressed Air (CA) Outlets:

Outlets or “drops” shall be provided at specific locations in each shop area. All outlets shall include a cut-off valve, regulator with gauge, filter, and quick disconnects for pneumatic tools at locations to be determined during detailed design. Lubricators will also be provided as needed at certain drops.

Compressed Air (CA) Piping:

Copper or Aluminum compressed air piping is acceptable.

REFERENCE THE INDUSTRIAL EQUIPMENT COORDINATION GUIDE FOR MORE INFORMATION REGARDING EQUIPMENT

PART 2: FLUIDS DISTRIBUTION AND COLLECTION

NARRATIVE

Pumps:

Bulk Fluid Pumps shall be air driven and be sized based on the final configuration and fluid distribution piping layout. All pumps shall be tank mounted except for diaphragm type pumps which shall be wall mounted.

Tanks:

Bulk Fluid storage tanks shall be double walled above ground storage tanks. Tank configuration and capacity will be determined in detailed design. Used fluids captured for recycling will also be stored in similar tanks.

Piping and Reels:

The Bulk Fluid Distribution System shall include high pressure piping and reels for delivery of the lubrication product to the bay or work area. Piping sizes and type will be determined based on the number of reels being served and the product type. Reels shall be heavy duty with steel frames. Specific reel configuration and number of reels on each bank to be determined in detailed design.

Fluid Collection:

Fluid Collection System shall include transfer pumps located on the shop floor and piped to fluid storage tanks in the bulk fluids room.

Fluid Monitoring:

A fluid monitoring system capable of tracking fluid usage at the dispenser and fluid levels in the tanks shall be provided. The system shall integrate with other fuel and/or asset management software used within the facility.

REFERENCE THE INDUSTRIAL EQUIPMENT COORDINATION GUIDE FOR MORE INFORMATION REGARDING EQUIPMENT

PART 3: FUEL STORAGE AND DISPENSING ISLAND

NARRATIVE

Storage Tank Area:

The fueling system will utilize one (1) 15,000-gallon diesel aboveground storage tank (AST) and two (2) 8,000-gallon unleaded gasoline ASTs. All tanks are constructed and listed in accordance with UL-2085 and STI SP001. The tank will be a “protected” double-wall fire-rated vessel meeting the 2-hour fire exposure requirements of NFPA 30A. The assembly will include lightweight thermal insulation between the primary and secondary walls, built-in secondary containment, and impact resistance to satisfy UL-2085 listing criteria.
The tanks will be installed on a concrete foundation with integral anchorage per manufacturer recommendations. A tank-top nozzle arrangement will include a submersible turbine pump (STP), normal vent, emergency vent, ATG probe, interstitial leak sensor, and overfill prevention equipment. Normal venting will be provided via a 2-inch pressure/vacuum vent terminating a minimum of 12 feet above grade. An 8-inch emergency vent will be furnished for both the primary and interstitial spaces to achieve adequate emergency relief venting capacity, measured in standard cubic feet per hour (SCFH).
Product delivery will occur at a remote spill containment box, which houses a dedicated fill connection for each tank and vapor-return connection (unleaded tanks only) equipped with spring-loaded dry-disconnect adaptors compatible with commercial tanker trucks. Dust caps will be provided to cover the adaptors when not in use. All fuel receipts will be delivered by tanker delivery trucks equipped with onboard pumping capability.

Fuel Dispensing Island:

Fuel will be dispensed through three (3) dual-hose dispensers, arranged across the fueling island(s) to support transit-vehicle traffic. Dispensers #1 and #2 will be designated for unleaded service, while Dispenser #3 will be designated for diesel service. With a STP mounted on top of each AST, all dispensers will be supplied via buried double-wall product piping routed through a transition sump at the aboveground-to-underground interface. Each dispenser will be equipped with an under-dispenser containment (UDC) sump fitted with a leak detection sensor. Emergency shutoff (“shear”) valves will be installed directly beneath each dispenser in accordance with NFPA 30A. The double-wall piping will terminate at each UDC sump penetration, with corrugated access chase/duct pipe connecting all sumps together. This will allow for future maintenance, repair, and replacement of fuel piping without the need to excavate to depth of buried fuel piping. Emergency-stop (E-Stop) pushbuttons located within 20–100 feet of the fueling area will provide a rapid means to halt all fueling operations. The E-Stops will be connected to a shunt trip device at the panelboard, effectively killing all power to fueling equipment when activated.
The fueling island will be covered by a canopy to hydraulically isolate the dispensing area and minimize stormwater exposure. Pavement grading around the canopy will be designed to prevent stormwater from entering the fueling area and to route flow away from dispensers. All materials and equipment associated with dispensing will conform to UL-listed petroleum handling components and all applicable sections of NFPA 30, NFPA 30A, Minnesota Pollution Control Agency (MPCA) environmental regulations, and local regulations.

Tank Monitoring System:

The ASTs will be integrated into a central Automatic Tank Gauging (ATG) system. A magneto-strictive level probe in each tank will provide continuous measurement of product height, temperature, and water presence within the primary tank. An interstitial leak detection probe will monitor the annular space between the primary and secondary walls.
All gauge sensors - including tank level probes, interstitial leak sensors, UDC leak sensors, and transition sump sensor - will report to the ATG console to provide real-time inventory management, leak detection, alarm annunciation, and regulatory compliance. The ATG will interface with the STP pump control box to prevent pump operation under abnormal conditions (e.g., low product level, detected leak, sensor faults). The remote fill station will include an overfill alarm and acknowledgment switch connected to the ATG system. During product delivery, the ATG will provide audible and visual indication of tank status at a minimum of 70 decibels, ensuring compliance with NFPA 30, EPA 40 CFR 280, and state requirements for overfill protection.
The acknowledgment button can be pressed by delivery driver or operator to silence and reset the alarm status.

REFERENCE THE INDUSTRIAL EQUIPMENT COORDINATION GUIDE FOR MORE INFORMATION REGARDING EQUIPMENT

APPENDIX

INDUSTRIAL EQUIPMENT COORDINATION GUIDE



Update 1

Industrial Equipment Coordination Guide

Roseville Maintenance Operations Center

City of Roseville

Roseville, Minnesota

June 2026

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9. Appendix – Previous Industrial Equipment Lists

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Overview

OVERVIEW

Overview

The Industrial Equipment Coordination Guide is designed as a working document to be used throughout the design phases of this Project. This Industrial Equipment Coordination Guide is intended to be used for **Design coordination purposes only and shall not be used for bidding and/or construction.** The Guide does not take precedence over the contract drawings and specifications submitted. Owner to use this document to confirm industrial equipment selections.

The purpose of the Industrial Equipment Coordination Guide is to identify types and quantities of maintenance equipment recommended for facility operations and to provide the Design Team with relevant coordination data to progress design.

Recommendations are based on existing equipment and potential equipment acquisitions. Equipment described in this Guide represents the needs of each functional area of the facility based on discussions with stakeholders.

Industrial Equipment Coordination Guides are provided to specific project staff members identified as the "Guide Holders" for each of the design disciplines. As the project progresses, each "Guide Holder" will be provided an update.

The Industrial Equipment Coordination Guide will be updated 3 times during the design phases of this Project.

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Project Team Leads

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GUIDE HOLDERS

Project Team Leads

OWNER	ARCHITECTURE	STRUCTURAL
City of Roseville Jesse Freihammer Roseville, MN 651.444.9810 jesse.freihammer@cityofroseville.com	**LHB Corp** Martin Thompson Minneapolis, MN 612.766.2835 martin.thompson@lhbcorp.com	**LHB Corp** Gregg Curtis Minneapolis, MN 612.766.2805 gregg.curtis@lhbcorp.com
MECHANICAL / PLUMBING	**ELECTRICAL**	**INDUSTRIAL EQUIPMENT**
Hallberg Engineering Michael Temme 1750 Commerce Court White Bear Lake, MN 55110 mtemme@hallbergengineering.com	**Hallberg Engineering** Ryan Lindahl 5051 Miller Trunk Highway Hermantown, MN 55811 RLindahl@hallbergengineering.com	**HDR** Jackson Rorex Denver, CO 303.886-3944 jackson.rorex@hdrinc.com

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Abbreviations

ABBREVIATIONS

A	=	Amperes
AC	=	Air Conditioning
AC/DC	=	Alternate Current/Direct Current
ACS	=	Access Control Server
AEP	=	American Electric Power
Alum	=	Aluminum
ATF	=	Automatic Transmission Fluid
Btu	=	British Thermal Unit
CA	=	Compressed Air
CF	=	Contractor Furnished
CFM	=	Cubic Feet Per Minute
CG	=	Chassis Grease
CI	=	Contractor Installed
Circ	=	Circulation
CMU	=	Concrete Masonry Unit
CO	=	Carbon Monoxide
CO2	=	Carbon Dioxide
CPVC	=	Chlorinated Polyvinyl Chloride
dB(A)	=	Decibels, A-Weighted
DC	=	Direct Current
DDC	=	Direct Digital Controls
DEF	=	Diesel Exhaust Fluid
Demo	=	Demolition
DX	=	Direct Expansion
EC	=	Engine Coolant
Elec	=	Electrical
EMT	=	Electrical Metallic Tubing
EO	=	Engine Oil
fc	=	Foot Candle
f'm	=	Compressive Strength
F/Btu	=	Fahrenheit/British thermal unit
FEVE	=	Fluoroethylene Vinly Ether
FPS	=	Feet Per Second
GO	=	Gear Oil
GPF	=	Gallons Per Flush
GPM	=	Gallons Per Minute
H2	=	Hydrogen
H2O	=	Water
HCFC	=	Hydrochlorofluorocarbon
HDPE	=	High Density Polyethylene
HFHC	=	Hydrochlorofluorocarbons
HO	=	Hydraulic Oil
HP	=	Horse Power
HPC	=	High Performance Computing
HVAC	=	Heating, Ventilation and Air Conditioning
J-STD	=	Joint Standard
K	=	1,000 Pounds
ksi	=	Kilopound per square inch
kVA	=	kiloVolt Ampere
lb	=	Pound
LED	=	Light Emitting Diode
LLWA	=	Lower Level Work Area
Max	=	Maximum
MaP	=	Maximum Performance
Mech	=	Mechanical
MIG	=	Metal Inert Gas
Min	=	Minimum
MTC	=	Main Telecommunication Center
MW	=	Megawatt
NEC	=	National Electric Code
NEMA	=	National Electrical Manufacturers Association
NO2	=	Nitrogen Dioxide
OF	=	Owner Furnished
OI	=	Owner Installed
OSHA	=	Occupational Safety and Health
PS	=	Power Steering
psf	=	pounds per square foot
PSI	=	Pounds Per Square Inch
PSIG	=	Pounds Per Square Inch Gauge
RLWP	=	Roof Level Work Platform
sf	=	Square Feet
Struc	=	Structural
TBD	=	To Be Determined
TIG	=	Tungsten Inert Gas
Typ	=	Typical
UC	=	Used Coolant
UNO	=	Unless Noted Otherwise
ULWP	=	Upper Level Work Platform
UO	=	Used Oil
UV	=	Ultraviolet
V	=	Volts, Alternating Current
W	=	Water
wg	=	Water gauge
WWF	=	Windshield Washer Fluid

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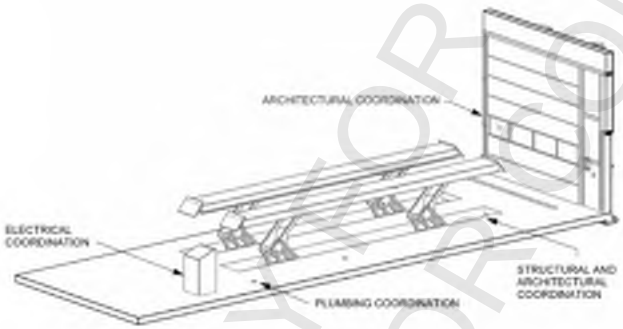
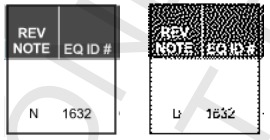
Introduction

INTRODUCTION

Equipment List Definitions



1 DISCIPLINE COORDINATION A	S	M	E	P	2 REV NOTE	3 EQ ID #	4 DESCRIPTION	5 UNIT PRICE	6 QTY	7 EXTENDED PRICE	8 DIMENSIONS L	W	H	9 SPEC BY	10 FURNISH INSTALL	11 PROJECT COMMENTS
					U	1445	STORAGE UNIT, 144 BIN	$1,400	2	$2,800	72"	12"	84"	HDR	CF/CI	REFERENCE DESIGN DETAILS
						1688	SHELVING UNIT, EIGHT SHELF	$880	12	$10,560	36"	18"	84"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$2,700	5	$13,500	72"	32"	34"	HDR	CF/CI	
				•		2151	PRESS, OIL FILTER, PNEUMATIC / AIR	$6,000	1	$6,000	23"	23"	87"	HDR	CF/CI	

No.:	Category:	Image:	Description:
1	Discipline Coordination:		Identifies other design team disciplines requiring coordination to properly accommodate equipment items in the facility design. Refer to Datasheets for detailed coordination requirements.
2	Revision Note:		Identifies an item that has been modified from the previous Equipment List. (N = New information, U = Updated information)

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INTRODUCTION

(1) DISCIPLINE COORDINATION A	S	M	E	P	(2) REV NOTE	(3) EQ ID #	(4) DESCRIPTION	(5) UNIT PRICE	(6) QTY	(7) EXTENDED PRICE	(8) DIMENSIONS L	W	H	(9) SPEC BY	(10) FURNISH INSTALL	(11) PROJECT COMMENTS
					U	1445	STORAGE UNIT, 144 BIN	$1,400	2	$2,800	72"	12"	84"	HDR	CF/CI	REFERENCE DESIGN DETAILS
						1688	SHELVING UNIT, EIGHT SHELF	$880	12	$10,560	36"	18"	84"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$2,700	5	$13,500	72"	32"	34"	HDR	CF/CI	
				•		2151	PRESS, OIL FILTER, PNEUMATIC / AIR	$6,000	1	$6,000	23"	23"	87"	HDR	CF/CI	

No.:	Category:	Image:	Description:
3	Equipment Identifier:		The Equipment ID is a unique number used to identify a piece of equipment and identical equipment are given the same number. The Equipment Identifier coordinates this list with equipment layout drawings, datasheets, cutsheets, and specifications. New equipment items are indicated by a 4-digit number and existing equipment items are indicated by a 5-digit number.
4	Item Description:		Written representation of equipment. Description is written "backwards" to keep the root word first. (i.e. rack).
5	Unit Price:		Estimated price not including installation.
6	Quantity:		Number of equipment items located within the functional area listed.
7	Extended Price:		Estimated price of equipment based on quantities required.

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INTRODUCTION

1 DISCIPLINE COORDINATION A S M E P	2 REV NOTE	3 EQ ID #	4 DESCRIPTION	5 UNIT PRICE	6 QTY	7 EXTENDED PRICE	8 DIMENSIONS L	W	H	9 SPEC BY	10 FURNISH INSTALL	11 PROJECT COMMENTS
	U	1445	STORAGE UNIT, 144 BIN	$1,400	2	$2,800	72"	12"	84"	HDR	CF/CI	REFERENCE DESIGN DETAILS
		1688	SHELVING UNIT, EIGHT SHELF	$880	12	$10,560	36"	18"	84"	HDR	CF/CI	
		1860	WORKBENCH, SEVERE USE, SIX FEET	$2,700	5	$13,500	72"	32"	34"	HDR	CF/CI	
•		2151	PRESS, OIL FILTER, PNEUMATIC / AIR	$6,000	1	$6,000	23"	23"	87"	HDR	CF/CI	

No.:	Category:	Image:	Description:
8	Dimensions:		Overall equipment length, width, and height respectively, listed in inches unless otherwise noted.
9	Specified By:		Identifies suggested responsibility for specification preparation. City of Roseville = CoR, HDR = HDR, Inc.
10	Furnish/Install:		Recommends responsibility to furnish and install equipment.
	CF/CI		Contractor to furnish and install, usually by bid package specifications for General Contractor installation.
	OF/CI		Owner to furnish and Contractor install. This includes any items in the existing facility, which are to be moved by the Contractor to the new facility. The Contractor will be responsible for final utility connections and verification of satisfactory operation.
	OF/OI		Owner to furnish and install, usually smaller shop equipment normally purchased or provided by owner. This also includes any items in the existing facility, which are to be moved to the new facility.
11	Project Comments:		Includes special requirements and other relevant data to be considered during detailed design of the project.

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INTRODUCTION

Discipline Coordination Sheets

The purpose of this Industrial Equipment Coordination Guide is to identify the various coordination issues and disciplines associated with the types of equipment recommended for facility operations. The Discipline Coordination Sheets are derived from the written specifications and are for discipline coordination purposes only. Coordination issues are grouped according to the following disciplines:

- Architectural
- Structural
- Mechanical
- Electrical
- Plumbing

Functional utilities such as air drops and electrical outlets in addition to those required for the equipment will be shown on the Utility Requirements Drawings for reference. The Utility Requirements Drawings will be provided as a separate document.

Equipment Cutsheets

The equipment Cutsheets aid in the identification of equipment and serves to assist the Design Team and the Owner with items that may be specified. The Cutsheets assist in establishing standards of quality, performance, feature, and construction.

Equipment Design Details (TO BE DEVELOPED)

Design Details are included in the Industrial Equipment Coordination Guide as a reference, providing additional information about the installation of equipment for the project beyond the Equipment Datasheet and Equipment Cutsheet. As updates to the Equipment List are made, relevant changes and additions to the Design Details will be indicated by a note in the Revision column on the Design Detail table of contents when an item has been updated, revised, or deleted since the previous list was published and distributed.

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Equipment List Update 1

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Equipment List

SD - June 05, 2026

Room Name: BRINE
Function Location: 01.01.01: North Site / Wash & Brine / Streets & Stormwater
Description:

Equipment List Unique

COORDINATION															
										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1535	RACK, PALLET, EIGHT FOOT, TWO TIER	1,100.00	3	3,300.00	102	48	96	HDR	CF/CI	
☐	☐	☐	☐	☐	7250	SYSTEM, BRINE MAKING AND STORAGE	200,000.00	1	200,000.00	960	276	144	HDR	CF/CI	
☑	☑	☐	☐	☐	8020	COMPRESSOR, AIR, RECIPROCATING, 5 HP, VERTICAL RECEIVER	8,900.00	1	8,900.00	35	34.5	76.5	HDR	CF/CI	
								5	**212,200.00**						

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Equipment List

SD - June 05, 2026

Wash & Brine

Room Name: WASH BAY EQUIP.
Function Location: 01.01.02: North Site / Wash & Brine / Shared Areas
Description:

Equipment List Unique

COORDINATION											Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☑	☑	☑	3718	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM	19,000.00	2	38,000.00	47.5	21	51	HDR	CF/CI	
								2	**38,000.00**						

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Equipment List

SD - June 05, 2026

Room Name: WASH BAY
Function Location: 01.01.02: North Site / Wash & Brine / Shared Areas
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1381	PLATFORM, WORK, FIBERGLASS	14,500.00	2	29,000.00	0	48	0	HDR	CF/CI	
								2	**29,000.00**						

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Equipment List

SD - June 05, 2026

Fuel Areas

Room Name: FUEL TANKS
Function Location: 01.02.01: North Site / Fuel Areas / Fuel Storage
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	7040	SPILL CONTAINER, REMOTE, AST	5,700.00	3	17,100.00	22.5	24	62.5	HDR	CF/CI	
☐	☐	☐	☐	☐	7080	TRANSITION SUMP, SINGLE WALL	1,700.00	1	1,700.00	33	33	36	HDR	CF/CI	
☐	☐	☐	☐	☐	7366	TANK, STORAGE, ABOVEGROUND	80,500.00	2	161,000.00	263	0	0	HDR	CF/CI	
☐	☐	☐	☐	☐	7380	TANK, ABOVEGROUND, STORAGE	106,000.00	1	106,000.00	0	0	0	HDR	CF/CI	
								7	**285,800.00**						

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Equipment List

SD - June 05, 2026

Fuel Areas

Room Name: FUEL CANOPY
Function Location: 01.02.02: North Site / Fuel Areas / Fuel Island
Description:

Equipment List Unique

COORDINATION											Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	7015	CABINET, STORAGE, HEATED (DEF) WITH DISPENSER	25,000.00	1	25,000.00	50	83	99	HDR	CF/CI	
☐	☐	☐	☐	☐	7030	DISPENSER, DUAL, FUEL	18,700.00	3	56,100.00	0	0	0	HDR	CF/CI	
								4	**81,100.00**						

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Equipment List

SD - June 05, 2026

Room Name: COLD STORAGE
Function Location: 01.03.01: North Site / Cold Storage / Shared Areas
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	14521	RACK, BULK STORAGE	0.00	19	0.00	72	20	67	OWNER	OF/OI	
								19	**0.00**						

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Equipment List

SD - June 05, 2026

Cold Storage

Room Name: PALLET STORAGE
Function Location: 01.03.01: North Site / Cold Storage / Shared Areas
Description:

Equipment List Unique

COORDINATION															
										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1537	RACK, PALLET, TWELVE FOOT, TWO TIER	2,000.00	13	26,000.00	150	48	120	HDR	CF/CI	
								13	**26,000.00**						

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Equipment List

SD - June 05, 2026

Room Name: CASTING/CAST IRON STORAGE
Function Location: 01.03.01: North Site / Cold Storage / Shared Areas
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1537	RACK, PALLET, TWELVE FOOT, TWO TIER	2,000.00	11	22,000.00	150	48	120	HDR	CF/CI	
								11	**22,000.00**						

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Equipment List

SD - June 05, 2026

Cold Storage

Room Name: BAND STORAGE
Function Location: 01.03.01: North Site / Cold Storage / Shared Areas
Description:

Equipment List Unique

COORDINATION															
										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☐	☐	☐	☐	11051	CABINET, FILE STORAGE	0.00	8	0.00	30	27.75	33.5	OWNER	OF/OI	
								8	**0.00**						

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Room Name: PARKS SMALL ENGINE SHOP
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1861	WORKBENCH, SEVERE USE, EIGHT FEET	3,300.00	1	3,300.00	96	32	34	HDR	CF/CI	
☐	☐	☐	☐	☐	1862	WORKBENCH, SEVERE USE, TEN FEET	3,300.00	1	3,300.00	120	32	34	HDR	CF/CI	
☐	☐	☐	☐	☐	2102	PRESS, HYDRAULIC, 20 TON	5,900.00	1	5,900.00	31	30	74	HDR	CF/CI	
☐	☐	☐	☑	☐	2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	1,900.00	1	1,900.00	20	28	70	HDR	CF/CI	
☐	☐	☐	☑	☐	2698	SAW, CUTOFF, ABRASIVE, 14 INCH	2,800.00	1	2,800.00	17	29.43	28.5	HDR	CF/CI	
☐	☐	☐	☑	☐	2742	WELDER, MIG, PORTABLE	7,000.00	1	7,000.00	19	40	30	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
☐	☐	☐	☑	☐	2875	BUFFER/GRINDER, EIGHT INCH, BENCH MOUNTED	2,000.00	1	2,000.00	23.25	10.75	13	HDR	CF/CI	
☐	☐	☐	☑	☐	3280	EXTRACTOR, FUME, WELDING, PORTABLE, 800 CFM	15,000.00	1	15,000.00	24	37	91.25	HDR	CF/CI	
☐	☑	☐	☑	☐	3540	TANK, PARTS CLEANING, 15 GALLON	2,000.00	1	2,000.00	36	22	39	OWNER	OF/OI	
☑	☑	☐	☑	☑	5450	LIFT, TABLE	6,500.00	1	6,500.00	48	60	6.75	HDR	CF/CI	
☑	☑	☐	☐	☐	7710	REEL BANK, ONE COMMODITY	2,700.00	1	2,700.00	26	8	25.5	HDR	CF/CI	
								12	**54,300.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Room Name: PARKS PARTS STOR.
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	1	6,200.00	48	24	78	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	2	2,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1688	SHELVING UNIT, EIGHT SHELF	1,100.00	4	4,400.00	36	18	84	HDR	CF/CI	
								7	**12,600.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Room Name: PARKS VEHICLE/EQUIP. REPAIR SHOP
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	1	6,200.00	48	24	78	HDR	CF/CI	
☐	☐	☐	☐	☐	1446	STORAGE UNIT, 72 BIN	900.00	1	900.00	36	12	84	HDR	CF/CI	
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	1	3,000.00	72	32	34	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	1	900.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
☑	☑	☑	☑	☐	3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	15,500.00	1	15,500.00	60	37	33	HDR	CF/CI	
☑	☑	☑	☑	☑	5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	98,000.00	1	98,000.00	93.75	0	42	HDR	CF/CI	
☑	☑	☐	☑	☐	5712	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND	15,000.00	1	15,000.00	137.62	124	164	HDR	CF/CI	
☑	☑	☐	☐	☑	7760	REEL BANK, SIX COMMODITY	16,200.00	1	16,200.00	26	8	25.5	HDR	CF/CI	
								9	**157,600.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: PARKS OPEN WORK SHOP
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☐	☐	☐	☐	1106	CABINET, SIX DRAWER, MODULAR, UNDERBENCH	3,600.00	8	28,800.00	30	27.75	33.5	HDR	CF/CI	
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	3	18,600.00	48	24	78	HDR	CF/CI	
☐	☐	☐	☐	☐	1422	RACK, ARM, SINGLE FACE, HEAVY DUTY	2,100.00	1	2,100.00	48	36	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1535	RACK, PALLET, EIGHT FOOT, TWO TIER	1,100.00	1	1,100.00	102	48	96	HDR	CF/CI	
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	5	15,000.00	72	32	34	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	5	4,500.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☑	☐	2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	1,900.00	1	1,900.00	20	28	70	HDR	CF/CI	
☐	☐	☐	☐	☐	27021	SAW, COMPOUND, MITER, SLIDING, 12 INCH	0.00	1	0.00	33	29	51.5	OWNER	OF/OI	
☐	☐	☐	☑	☐	2742	WELDER, MIG, PORTABLE	7,000.00	1	7,000.00	19	40	30	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	4	7,600.00	9	18	10	HDR	CF/CI	
☐	☐	☐	☐	☐	28701	GRINDER, BLADE, AUTOMATED	0.00	1	0.00	55	39	74	OWNER	OF/OI	
☐	☐	☐	☑	☐	2880	BUFFER/GRINDER, EIGHT INCH, WITH DUST COLLECTOR	13,000.00	1	13,000.00	25	24	42	HDR	CF/CI	
☐	☑	☐	☑	☐	3540	TANK, PARTS CLEANING, 15 GALLON	2,000.00	1	2,000.00	36	22	39	OWNER	OF/OI	
☑	☑	☐	☐	☐	7710	REEL BANK, ONE COMMODITY	2,700.00	2	5,400.00	26	8	25.5	HDR	CF/CI	
								35	**107,000.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: GENERAL PARKS STORAGE
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☑	☐	☐	☐	1091	RACK, TOOL, WALL MOUNTED	700.00	2	1,400.00	120	12.38	4	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	10	10,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1540	RACK, PALLET, TWELVE FOOT, THREE TIER	2,100.00	5	10,500.00	150	48	144	HDR	CF/CI	
☑	☑	☐	☐	☐	1688	SHELVING UNIT, EIGHT SHELF	1,100.00	19	20,900.00	36	18	84	HDR	CF/CI	
								36	**42,800.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: STORAGE
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION											Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1950	CABINET, FLAMMABLE MATERIALS, LARGE	4,300.00	2	8,600.00	43	18	65	HDR	CF/CI	
☐	☐	☐	☐	☐	1966	PALLET, CONTAINMENT, HAZARDOUS MATERIALS, FOUR DRUM	940.00	2	1,880.00	49	49	10.25	HDR	CF/CI	
								4	**10,480.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Room Name: SECURE TOOL CRIB
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☑	☐	☐	☐	1091	RACK, TOOL, WALL MOUNTED	700.00	2	1,400.00	120	12.38	4	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	1	1,000.00	72	24	96	HDR	CF/CI	
☐	☐	☑	☑	☐	2035	CABINET, CHARGING, 24V BATTERY	3,400.00	2	6,800.00	36	24	78	HDR	CF/CI	
								5	**9,200.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: REC. STORAGE
Function Location: 02.01.02: South Site / South MOC / Parks & Recreation
Description:

Equipment List Unique

COORDINATION															
										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	10	10,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1688	SHELVING UNIT, EIGHT SHELF	1,100.00	12	13,200.00	36	18	84	HDR	CF/CI	
☐	☐	☐	☐	☐	1698	SHELVING UNIT, WITH FOUR DRAWERS	2,300.00	2	4,600.00	36	18	84	HDR	CF/CI	
								24	**27,800.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: L.D. REPAIR BAY
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	2	12,400.00	48	24	78	HDR	CF/CI	
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	3	9,000.00	72	32	34	HDR	CF/CI	
☐	☐	☐	☐	☐	2350	CHANGER, TIRE, LIGHT DUTY	11,000.00	1	11,000.00	48.75	42	88	HDR	CF/CI	
☐	☐	☐	☑	☐	2360	BALANCER, TIRE, LIGHT DUTY	6,200.00	1	6,200.00	60	66	78	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	1	900.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
☑	☑	☑	☑	☐	3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	15,500.00	1	15,500.00	60	37	33	HDR	CF/CI	
☑	☑	☐	☑	☐	5712	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND	15,000.00	1	15,000.00	137.62	124	164	HDR	CF/CI	
☑	☑	☐	☐	☑	7770	REEL BANK, SEVEN COMMODITY	18,900.00	1	18,900.00	26	8	25.5	HDR	CF/CI	
								12	**90,800.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Room Name: L.D. REPAIR BAY
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☑	☐	2365	CAGE, INFLATION, TIRE	1,200.00	1	1,200.00	28	35	60	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	2	1,800.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	2	3,800.00	9	18	10	HDR	CF/CI	
☑	☑	☑	☑	☐	3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	15,500.00	1	15,500.00	60	37	33	HDR	CF/CI	
☑	☑	☐	☑	☑	5450	LIFT, TABLE	6,500.00	1	6,500.00	48	60	6.75	HDR	CF/CI	
☑	☑	☐	☑	☐	5660	LIFT, SURFACE MOUNTED, FOUR POST	44,000.00	1	44,000.00	275.5	137.75	77.75	HDR	CF/CI	
☑	☑	☐	☐	☑	7730	REEL BANK, THREE COMMODITY	8,100.00	1	8,100.00	26	8	25.5	HDR	CF/CI	
☑	☑	☐	☐	☑	7770	REEL BANK, SEVEN COMMODITY	18,900.00	2	37,800.00	26	8	25.5	HDR	CF/CI	
								11	**118,700.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: L.D. REPAIR BAY
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1631	CAROUSEL, STORAGE, TIRE, 32 INCH	44,050.00	1	44,050.00	177	89.5	170	HDR	CF/CI	
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	1	3,000.00	72	32	34	HDR	CF/CI	
☑	☑	☐	☑	☐	2260	LATHE, BRAKE, DRUM	7,600.00	1	7,600.00	60	30	72	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	2	1,800.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
☑	☑	☑	☑	☐	3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	15,500.00	1	15,500.00	60	37	33	HDR	CF/CI	
☑	☑	☐	☑	☐	5660	LIFT, SURFACE MOUNTED, FOUR POST	44,000.00	1	44,000.00	275.5	137.75	77.75	HDR	CF/CI	
☑	☑	☐	☐	☑	7770	REEL BANK, SEVEN COMMODITY	18,900.00	1	18,900.00	26	8	25.5	HDR	CF/CI	
								9	**136,750.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: INVENTORY AREA
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION											Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☐	☐	☐	☐	1753	TABLE, LAYOUT, STAINLESS STEEL TOP, EIGHT FOOT	3,400.00	1	3,400.00	96	30	34	HDR	CF/CI	
								1	**3,400.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: PARTS STORAGE
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1446	STORAGE UNIT, 72 BIN	900.00	3	2,700.00	36	12	84	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	3	3,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1537	RACK, PALLET, TWELVE FOOT, TWO TIER	2,000.00	3	6,000.00	150	48	120	HDR	CF/CI	
☐	☐	☐	☐	☐	1570	RACK, SPOOL, WIRE	610.00	2	1,220.00	36	8	84	HDR	CF/CI	
☑	☑	☐	☐	☐	1688	SHELVING UNIT, EIGHT SHELF	1,100.00	32	35,200.00	36	18	84	HDR	CF/CI	
☐	☐	☐	☐	☐	1698	SHELVING UNIT, WITH FOUR DRAWERS	2,300.00	5	11,500.00	36	18	84	HDR	CF/CI	
☑	☑	☐	☐	☐	1950	CABINET, FLAMMABLE MATERIALS, LARGE	4,300.00	2	8,600.00	43	18	65	HDR	CF/CI	
☐	☐	☐	☐	☐	1966	PALLET, CONTAINMENT, HAZARDOUS MATERIALS, FOUR DRUM	940.00	1	940.00	49	49	10.25	HDR	CF/CI	
								51	**69,160.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: TIRE STORAGE
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION											Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1636	RACK, TIRE, HEAVY DUTY, ONE TIER	390.00	3	1,170.00	60	26	47.5	HDR	CF/CI	
								3	**1,170.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: SECURE TOOL CRIB
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	3	18,600.00	48	24	78	HDR	CF/CI	
								3	**18,600.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: MOBILE LIFT STOR.
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☑	☐	2440	SCRUBBER, FLOOR, WALK BEHIND, 28 INCH PATH, BATTERY	28,350.00	1	28,350.00	30	63.75	43.5	HDR	CF/CI	
☑	☑	☐	☐	☐	58401	LIFT, COLUMN, PORTABLE, WIRELESS	0.00	6	0.00	46	42	90	OWNER	OF/OI	
☑	☑	☐	☐	☑	7770	REEL BANK, SEVEN COMMODITY	18,900.00	1	18,900.00	26	8	25.5	HDR	CF/CI	
								8	**47,250.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Room Name: H.D. REPAIR BAY
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	1	3,000.00	72	32	34	HDR	CF/CI	
☐	☐	☐	☑	☐	2353	CHANGER, HEAVY DUTY, 44 INCH MAX TIRE	30,000.00	1	30,000.00	78	48	36	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	1	900.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
☑	☑	☑	☑	☑	5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	98,000.00	1	98,000.00	93.75	0	42	HDR	CF/CI	
☑	☑	☐	☐	☐	5655	LIFT, PLATFORM, VERTICAL RISE	335,000.00	1	335,000.00	402.25	109	16.75	HDR	CF/CI	
☑	☑	☐	☐	☐	5655A	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - ROLLING BRIDGE JACKS	0.00	1	0.00	30	48	17	HDR	CF/CI	
☑	☑	☐	☐	☐	5655A	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - ROLLING BRIDGE JACKS	0.00	1	0.00	30	48	17	HDR	CF/CI	
☐	☐	☐	☑	☐	5655B	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - LIGHT KIT	0.00	1	0.00	6	1	1	HDR	CF/CI	
☐	☐	☐	☑	☐	5655B	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - LIGHT KIT	0.00	1	0.00	6	1	1	HDR	CF/CI	
☑	☑	☐	☑	☐	5655C	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - CONTROL CONSOLE	0.00	1	0.00	27	26.25	52	HDR	CF/CI	
☑	☑	☐	☐	☑	7720	REEL BANK, TWO COMMODITY	5,400.00	1	5,400.00	26	8	25.5	HDR	CF/CI	
								12	**474,200.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: WELDING BAY/SHOP
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	1	6,200.00	48	24	78	HDR	CF/CI	
☐	☐	☐	☐	☐	1422	RACK, ARM, SINGLE FACE, HEAVY DUTY	2,100.00	2	4,200.00	48	36	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1688	SHELVING UNIT, EIGHT SHELF	1,100.00	1	1,100.00	36	18	84	HDR	CF/CI	
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	3	9,000.00	72	32	34	HDR	CF/CI	
☐	☐	☐	☐	☐	1861	WORKBENCH, SEVERE USE, EIGHT FEET	3,300.00	1	3,300.00	96	32	34	HDR	CF/CI	
☑	☑	☐	☐	☐	1950	CABINET, FLAMMABLE MATERIALS, LARGE	4,300.00	1	4,300.00	43	18	65	HDR	CF/CI	
☐	☐	☐	☐	☐	21021	PRESS, HYDRAULIC, 20 TON	0.00	1	0.00	46	28	70	OWNER	OF/OI	
☐	☐	☐	☐	☐	21431	PRESS, HYDRAULIC, BENCH MOUNTED, 10-TON	0.00	1	0.00	36	8.25	36	OWNER	OF/OI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	3	2,700.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☑	☐	2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	1,900.00	1	1,900.00	20	28	70	HDR	CF/CI	
☐	☐	☐	☑	☐	2690	SAW, BAND, HORIZONTAL, SMALL	12,300.00	1	12,300.00	40	84	49	HDR	CF/CI	
☑	☑	☐	☐	☐	26931	SAW, BAND, VERTICAL	0.00	1	0.00	42	24	70	OWNER	OF/OI	
☐	☐	☐	☑	☐	2698	SAW, CUTOFF, ABRASIVE, 14 INCH	2,800.00	1	2,800.00	17	29.43	28.5	HDR	CF/CI	
☐	☐	☐	☐	☐	27421	WELDER, MIG, PORTABLE	0.00	1	0.00	19	40	30	OWNER	OF/OI	
☐	☐	☐	☐	☐	2770	SCREEN, WELDING	650.00	2	1,300.00	144	18	75	HDR	CF/CI	
☐	☐	☐	☐	☐	28201	MILL, VERTICAL, BENCH MOUNTED	0.00	1	0.00	30	25	36	OWNER	OF/OI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	3	5,700.00	9	18	10	HDR	CF/CI	
☐	☐	☐	☑	☐	2880	BUFFER/GRINDER, EIGHT INCH, WITH DUST COLLECTOR	13,000.00	1	13,000.00	25	24	42	HDR	CF/CI	
☐	☐	☐	☑	☐	30852	CABINET, ABRASIVE BLAST, WITH DUST COLLECTOR	3,450.00	1	3,450.00	65	25	64	OWNER	OF/OI	
☑	☑	☐	☐	☑	7720	REEL BANK, TWO COMMODITY	5,400.00	3	16,200.00	26	8	25.5	HDR	CF/CI	
								30	**87,450.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: UPFITTING BAY
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	1	6,200.00	48	24	78	HDR	CF/CI	
☐	☐	☐	☐	☐	1215	CHAIR, SHOP, ELECTRONIC, STATIC DISSIPATIVE	900.00	1	900.00	27	27	50	HDR	OF/OI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	3	3,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1535	RACK, PALLET, EIGHT FOOT, TWO TIER	1,100.00	2	2,200.00	102	48	96	HDR	CF/CI	
☐	☐	☐	☐	☐	1570	RACK, SPOOL, WIRE	610.00	1	610.00	36	8	84	HDR	CF/CI	
☐	☐	☐	☑	☐	1805	WORKBENCH, ELECTRONICS, STATIC DISSIPATIVE, 5 FOOT, WITH SHELF	4,900.00	1	4,900.00	60	30	47.5	HDR	CF/CI	
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	1	3,000.00	72	32	34	HDR	CF/CI	
☑	☑	☐	☐	☐	1950	CABINET, FLAMMABLE MATERIALS, LARGE	4,300.00	1	4,300.00	43	18	65	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	2	1,800.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
☐	☐	☐	☑	☐	3279	EXTRACTOR, FUME, PORTABLE, 115 CFM	4,000.00	1	4,000.00	27	16	13.5	HDR	CF/CI	
☑	☑	☑	☑	☐	3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	15,500.00	1	15,500.00	60	37	33	HDR	CF/CI	
☑	☑	☐	☑	☐	5730	LIFT, SURFACE MOUNTED, TWIN-POST, ASYMMETRICAL	15,000.00	1	15,000.00	161	110.57	143.5	HDR	CF/CI	
☑	☑	☑	☑	☐	6080	BOOTH, PAINT, BENCH, OPEN FACE	16,000.00	1	16,000.00	52	64	94	HDR	CF/CI	
☑	☑	☐	☐	☐	7710	REEL BANK, ONE COMMODITY	2,700.00	1	2,700.00	26	8	25.5	HDR	CF/CI	
								19	**82,010.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Room Name: FLUID/COMPRESSOR
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)				
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	7510	PUMP, AIR PISTON, 55 GALLON (CG), WITH HOIST	13,000.00	1	13,000.00	24	30	56	HDR	CF/CI	
☐	☐	☐	☐	☐	7520	PUMP, AIR PISTON, 10:1 RATIO	9,300.00	5	46,500.00	8	6	25.75	HDR	CF/CI	
☑	☑	☐	☐	☐	7530	PUMP, DIAPHRAGM, NON-MIXING (EC)	5,000.00	1	5,000.00	14.75	10.75	16	HDR	CF/CI	
☑	☑	☑	☑	☐	7950	TANK, DOUBLE WALL, CUBE, 120 GALLON, ONE COMMODITY	4,800.00	3	14,400.00	38	34	49	HDR	CF/CI	
☑	☑	☑	☐	☐	7960	TANK, DOUBLE WALL, CUBE, 280 GALLON, ONE COMMODITY	6,300.00	3	18,900.00	58	34	61	HDR	CF/CI	
☑	☑	☑	☐	☐	7970	TANK, DOUBLE WALL, CUBE, 500 GALLON, ONE COMMODITY	8,000.00	1	8,000.00	58	46	73	HDR	CF/CI	
								14	**105,800.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: PARTS STORAGE MEZZANINE
Function Location: 02.01.03: South Site / South MOC / Vehicle Maintenance
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☑	☑	☐	8168	COMPRESSOR, AIR, RECIPROCATING, DUPLEX 20 HP (x2), HORIZONTAL (LARGE) RECEIVER	57,200.00	1	57,200.00	89.5	66.5	75.88	HDR	CF/CI	
								1	**57,200.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: UTILITY SHOP AND STORAGE
Function Location: 02.01.04: South Site / South MOC / Utilities
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1098	BOARD, PEG, TOOL	450.00	1	450.00	72	0.5	36	HDR	CF/CI	
☑	☑	☐	☐	☐	1188	CABINET, STORAGE, SHOP, WALL MOUNTED	600.00	6	3,600.00	36	13	27	HDR	CF/CI	
☐	☐	☐	☐	☐	14541	CABINETS, STEEL STOCK	0.00	1	0.00	48	24	36	OWNER	OF/OI	
☑	☑	☐	☐	☐	1535	RACK, PALLET, EIGHT FOOT, TWO TIER	1,100.00	1	1,100.00	102	48	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1537	RACK, PALLET, TWELVE FOOT, TWO TIER	2,000.00	10	20,000.00	150	48	120	HDR	CF/CI	
☐	☐	☐	☐	☐	17931	STATION, WELDING, CROSS-DRAFT, EXISTING	0.00	1	0.00	72	36	120	OWNER	OF/OI	
☐	☐	☐	☐	☐	1861	WORKBENCH, SEVERE USE, EIGHT FEET	3,300.00	2	6,600.00	96	32	34	HDR	CF/CI	
☐	☐	☐	☐	☐	18621	WORKBENCH, SEVERE USE, WITH GRINDER AND VICE	0.00	1	0.00	120	32	34	OWNER	OF/OI	
☑	☑	☐	☐	☐	1950	CABINET, FLAMMABLE MATERIALS, LARGE	4,300.00	3	12,900.00	43	18	65	HDR	CF/CI	
☐	☐	☐	☐	☐	2102	PRESS, HYDRAULIC, 20 TON	5,900.00	1	5,900.00	31	30	74	HDR	CF/CI	
☑	☑	☐	☐	☐	24951	REEL, ELECTRICAL	0.00	3	0.00	8.5	13.5	15	OWNER	OF/OI	
☐	☐	☐	☑	☐	26101	DRILL PRESS, VARIABLE SPEED, 20 INCH	0.00	1	0.00	22	36	68	OWNER	OF/OI	
☐	☐	☐	☐	☐	26901	SAW, MITER, BAND	0.00	1	0.00	32	65	49	OWNER	OF/OI	
☐	☐	☐	☑	☐	2742	WELDER, MIG, PORTABLE	7,000.00	1	7,000.00	19	40	30	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	2	3,800.00	9	18	10	HDR	CF/CI	
☐	☐	☐	☑	☐	3086	CABINET, BLASTER, WET	8,950.00	1	8,950.00	65	36	64	HDR	CF/CI	
☑	☑	☐	☐	☐	34501	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	0.00	1	0.00	60	37	33	OWNER	OF/OI	
☑	☑	☐	☐	☐	3719	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM, ON STAND	16,000.00	1	16,000.00	47.5	21	51	HDR	CF/CI	
☑	☑	☐	☐	☐	51101	CRANE, JIB, FOUNDATION MOUNTED, 4-TON	0.00	1	0.00	189	36	216	OWNER	OF/OI	
☑	☑	☐	☑	☐	53951	HOIST, MOTORIZED TROLLEY, 4-TON	0.00	1	0.00	31.38	26.75	31.88	OWNER	OF/OI	

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

COORDINATION									Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	77101	REEL BANK, ONE COMMODITY	0.00	3	0.00	26	8	25.5	OWNER	OF/OI	
								43	**86,300.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: UTITLITY SECURE TOOL
Function Location: 02.01.04: South Site / South MOC / Utilities
Description:

Equipment List Unique

COORDINATION											Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☑	☐	☐	☐	1091	RACK, TOOL, WALL MOUNTED	700.00	1	700.00	120	12.38	4	HDR	CF/CI	
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	2	12,400.00	48	24	78	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	1	1,000.00	72	24	96	HDR	CF/CI	
								4	**14,100.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: HYDRANT ROOM
Function Location: 02.01.04: South Site / South MOC / Utilities
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	2	2,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1537	RACK, PALLET, TWELVE FOOT, TWO TIER	2,000.00	1	2,000.00	150	48	120	HDR	CF/CI	
								3	**4,000.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: STREETS TOOLS
Function Location: 02.01.04: South Site / South MOC / Utilities
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☑	☐	☐	☐	1091	RACK, TOOL, WALL MOUNTED	700.00	2	1,400.00	120	12.38	4	HDR	CF/CI	
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	1	6,200.00	48	24	78	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	1	1,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1950	CABINET, FLAMMABLE MATERIALS, LARGE	4,300.00	1	4,300.00	43	18	65	HDR	CF/CI	
								5	**12,900.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: METER ROOM
Function Location: 02.01.04: South Site / South MOC / Utilities
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1183	CABINET, STORAGE, HEAVY DUTY	6,200.00	2	12,400.00	48	24	78	HDR	CF/CI	
☐	☐	☐	☐	☐	1215	CHAIR, SHOP, ELECTRONIC, STATIC DISSIPATIVE	900.00	1	900.00	27	27	50	HDR	OF/OI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	6	6,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1688	SHELVING UNIT, EIGHT SHELF	1,100.00	3	3,300.00	36	18	84	HDR	CF/CI	
☐	☐	☐	☑	☐	1806	WORKSTATION, ELECTRONICS, STATIC DISSAPATIVE, SIX FOOT, WITH DRAWERS	6,400.00	1	6,400.00	72	36	52	HDR	CF/CI	
☐	☐	☐	☐	☐	1862	WORKBENCH, SEVERE USE, TEN FEET	3,300.00	1	3,300.00	120	32	34	HDR	CF/CI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	2	1,800.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
								17	**36,000.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: SIGN STORAGE
Function Location: 02.01.05: South Site / South MOC / Streets & Stormwater
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1612	RACK, SIGN, TWO LEVEL	2,400.00	4	9,600.00	48	36	88.25	HDR	CF/CI	
								4	**9,600.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Room Name: STREETS SHOP
Function Location: 02.01.05: South Site / South MOC / Streets & Stormwater
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1186	CABINET, STORAGE, SHOP, HEAVY DUTY SHELVING	1,500.00	4	6,000.00	36	21	82	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	1	1,000.00	72	24	96	HDR	CF/CI	
☐	☐	☐	☐	☐	1862	WORKBENCH, SEVERE USE, TEN FEET	3,300.00	2	6,600.00	120	32	34	HDR	CF/CI	
☑	☑	☐	☐	☐	19511	CABINET, FLAMMABLE MATERIALS, BENCH TOP	0.00	1	0.00	23.25	18	35	OWNER	OF/OI	
☑	☑	☐	☑	☐	2495	REEL, ELECTRICAL	900.00	1	900.00	8.5	13.5	15	HDR	CF/CI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	2	3,800.00	9	18	10	HDR	CF/CI	
☐	☐	☐	☑	☐	2897	SHARPENER, MOWER BLADE, WITH DUST COLLECTOR AND BALANCER	2,200.00	1	2,200.00	24	24	68	HDR	CF/CI	
☑	☑	☐	☐	☐	7710	REEL BANK, ONE COMMODITY	2,700.00	1	2,700.00	26	8	25.5	OWNER	OF/OI	
								13	**23,200.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: SIGN SHOP
Function Location: 02.01.05: South Site / South MOC / Streets & Stormwater
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1220	DESK, STAND-UP	1,200.00	2	2,400.00	34.5	29	53	HDR	CF/CI	
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	1	1,000.00	72	24	96	HDR	CF/CI	
☐	☐	☐	☐	☐	1610	RACK, VINYL ROLL, VERTICAL	420.00	1	420.00	30	9	75	HDR	CF/CI	
☐	☐	☐	☐	☐	1612	RACK, SIGN, TWO LEVEL	2,400.00	1	2,400.00	48	36	88.25	HDR	CF/CI	
☐	☐	☐	☐	☐	1761	TABLE, LAYOUT, WOOD TOP, EIGHT FEET	1,300.00	2	2,600.00	96	36	34	HDR	CF/CI	
☐	☐	☐	☑	☐	2460	CUTTER/PLOTTER, SIGN	4,300.00	1	4,300.00	55.38	28.62	43.81	HDR	CF/CI	
☐	☐	☐	☐	☐	2461	LAMINATOR	8,300.00	1	8,300.00	72	26	48.5	HDR	CF/CI	
☐	☐	☐	☐	☐	24651	APPLICATOR/ROLLER, VINYL, SIGN, WITH WORK TABLE	0.00	1	0.00	96	60	56	OWNER	OF/OI	
☑	☑	☐	☐	☐	7710	REEL BANK, ONE COMMODITY	2,700.00	1	2,700.00	26	8	25.5	HDR	CF/CI	
								11	**24,120.00**						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment List

SD - June 05, 2026

South MOC

Room Name: STREETS SHOP STORAGE
Function Location: 02.01.05: South Site / South MOC / Streets & Stormwater
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☑	☑	☐	☐	☐	1456	RACK, BULK STORAGE, SIX FOOT	1,000.00	3	3,000.00	72	24	96	HDR	CF/CI	
☑	☑	☐	☐	☐	1535	RACK, PALLET, EIGHT FOOT, TWO TIER	1,100.00	4	4,400.00	102	48	96	HDR	CF/CI	
								7	**7,400.00**						

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Equipment List

SD - June 05, 2026

South MOC

Room Name: SIGN STORAGE
Function Location: 02.01.05: South Site / South MOC / Streets & Stormwater
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1420	RACK, ARM, SINGLE FACE, THREE FOOT WIDE, 4,000 POUND	1,200.00	1	1,200.00	36	22.12	84	HDR	CF/CI	
☐	☐	☐	☐	☐	1422	RACK, ARM, SINGLE FACE, HEAVY DUTY	2,100.00	1	2,100.00	48	36	96	HDR	CF/CI	
								2	**3,300.00**						

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Room Name: CARPENTRY SHOP
Function Location: 02.01.07: South Site / South MOC / Shared Areas
Description:

Equipment List Unique

COORDINATION										Dimensions (IN)					
A	S	M	E	P	ID#	DESCRIPTION	COST	QTY	TOTAL COST	L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
☐	☐	☐	☐	☐	1186	CABINET, STORAGE, SHOP, HEAVY DUTY SHELVING	1,500.00	2	3,000.00	36	21	82	HDR	CF/CI	
☑	☑	☐	☐	☐	1540	RACK, PALLET, TWELVE FOOT, THREE TIER	2,100.00	1	2,100.00	150	48	144	HDR	CF/CI	
☐	☐	☐	☐	☐	1860	WORKBENCH, SEVERE USE, SIX FEET	3,000.00	3	9,000.00	72	32	34	HDR	CF/CI	
☑	☑	☐	☐	☐	1951	CABINET, FLAMMABLE MATERIALS, BENCH TOP	1,000.00	1	1,000.00	23.25	18	35	HDR	CF/CI	
☐	☐	☑	☑	☐	2678	SANDER, BELT/DISC	2,800.00	1	2,800.00	24	31.25	54.5	HDR	CF/CI	
☐	☐	☐	☐	☐	26921	SAW, BAND, 12"	0.00	1	0.00	34	20	68	OWNER	OF/OI	
☐	☐	☐	☐	☐	27022	SAW, COMPOUND, MITER, SLIDING, 12 INCH	0.00	1	0.00	33	29	51.5	OWNER	OF/OI	
☐	☐	☐	☐	☐	27201	SAW, TABLE, MOBILE	0.00	1	0.00	24	48	36	OWNER	OF/OI	
☐	☐	☐	☐	☐	2835	VISE, 5-1/2 INCH	1,900.00	1	1,900.00	9	18	10	HDR	CF/CI	
☐	☐	☐	☑	☐	3124	DUST COLLECTION SYSTEM, PORTABLE	1,600.00	1	1,600.00	22	47	67.5	HDR	CF/CI	
☑	☑	☐	☐	☐	7710	REEL BANK, ONE COMMODITY	2,700.00	1	2,700.00	26	8	25.5	HDR	CF/CI	
								14	**24,100.00**						

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EQUIPMENT LIST TOTALS

FURNISH INSTALL	EQUIPMENT COST	ESTIMATED INSTALL	TOTAL COST
CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	$2,336,629.00	$934,651.60	$3,271,280.60
OWNER FURNISHED/OWNER INSTALLED	$9,250.00	$925.00	$10,175.00
Grand total	$2,345,879.00	$935,576.60	$3,281,455.60

FUELING EQUIPMENT TOTALS

FURNISH INSTALL	EQUIPMENT COST	ESTIMATED INSTALL	TOTAL COST
CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	$341,900.00	$136,760.00	$478,660.00
Grand total	$341,900.00	$136,760.00	$478,660.00

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Discipline Coordination Sheets

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Architectural/Structural Coordination

SD - June 05, 2026

EQ ID#	DESCRIPTION	WEIGHT (lbs)	CAPCITY (lbs)	HOUSEKEEING PAD	REMARKS
1091	RACK, TOOL, WALL MOUNTED	0	0	☐	COORDINATE WALL MOUNTING OF UNIT WITH EQUIPMENT. MOUNT 60 INCHES ABOVE FINISHED FLOOR
1098	BOARD, PEG, TOOL	32	2,592	☐	WALL MOUNTED BOTTOM 36 INCHES ABOVE FINISH FLOOR TYP. TOP AT 72 INCHES AFF.
1106	CABINET, SIX DRAWER, MODULAR, UNDERBENCH	284	2,400	☐	UNIT TO BE INSTALLED BELOW WORKBENCH OR ARCHITECTURAL MILLWORK; COORDINATE WITH EQUIPMENT TO DETERMINE MILLWORK LOCATION AND HEIGHT AFF.
1183	CABINET, STORAGE, HEAVY DUTY	573	4,800	☐	UNIT SHALL BE ANCHORED TO THE SLAB.
1188	CABINET, STORAGE, SHOP, WALL MOUNTED	0	0	☐	COORDINATE WALL MOUNTING OF UNIT WITH STRUCTURAL.
1381	PLATFORM, WORK, FIBERGLASS	0	0	☐	UNIT SHALL BE ANCHORED TO WALL AND/OR WALL; COORDINATE INSTALLATION WITH ARCHITECT AND STRUCTURAL; UNIT SHALL BE DESIGNED FOR 100 POUNDS PER SQUARE FOOT LOAD; REFERENCE DESIGN DETAILS.
1456	RACK, BULK STORAGE, SIX FOOT	398	5,260	☐	UNIT TO BE ANCHORED TO THE FLOOR.
1535	RACK, PALLET, EIGHT FOOT, TWO TIER	376	10,400	☐	UNIT SHALL BE ANCHORED TO SLAB.
1537	RACK, PALLET, TWELVE FOOT, TWO TIER	730	18,000	☐	UNIT SHALL BE ANCHORED TO SLAB.
1540	RACK, PALLET, TWELVE FOOT, THREE TIER	740	20,370	☐	ANCHOR EQUIPMENT TO THE FLOOR.
1631	CAROUSEL, STORAGE, TIRE, 32 INCH	0	0	☐	COORDINATE WITH BUILDING CLEAR HEIGHTS, UNIT TO BE ANCHORED TO FLOOR.
1636	RACK, TIRE, HEAVY DUTY, ONE TIER	0	0	☐	PROVIDE SEISMIC BRACING AND ANCHORAGE TO MEET ANY LOCAL STATE, AND NATIONAL CODES AND PROVISIONS.
1688	SHELVING UNIT, EIGHT SHELF	176	8,190	☐	UNIT TO BE ANCHORED TO THE FLOOR.
1753	TABLE, LAYOUT, STAINLESS STEEL TOP, EIGHT FOOT	266	1,500	☐	CAPACITY IF CASTERS ARE USED: 1200 POUNDS PER SET OF 4. UNIT WEIGHT IF 29" HIGH TABLE AND CASTERS ARE USED = 298 LBS
1950	CABINET, FLAMMABLE MATERIALS, LARGE	353	350	☐	UNIT TO BE ANCHORED TO THE FLOOR.
1951	CABINET, FLAMMABLE MATERIALS, BENCH TOP	103	350	☐	UNIT TO BE ANCHORED TO THE FLOOR.
19511	CABINET, FLAMMABLE MATERIALS, BENCH TOP	103	350	☐	UNIT TO BE ANCHORED TO THE FLOOR.
2260	LATHE, BRAKE, DRUM	385	200	☐	WEIGHT 385 POUNDS. CAPACITY: SUPPORTS DRUMS OR ROTORS UP TO 100 POUNDS USING THE STANDWARD 1 INCH (25.4 mm) ARBOR, OR UP TO 200 POUNDS USING THE OPTIONAL 1-7/8 INCH (47.63 mm) ARBOR.
2495	REEL, ELECTRICAL	36	0	☐	REEL SHALL BE HUNG FROM STRUCTURE.
24951	REEL, ELECTRICAL	0	0	☐	REEL SHALL BE HUNG FROM STRUCTURE.
34501	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	0	0	☐	COORDINATE MOUNTING AND DUCT ROUTING AND SUPPORTS WITH MECHANICAL AND STRUCTURAL. COORDINATE ROOF/WALL PENETRATION SIZE AND LOCATION OF EXHAUST VENT WITH MECHANICAL.

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Architectural/Structural Coordination

SD - June 05, 2026

EQ ID#	DESCRIPTION	WEIGHT (lbs)	CAPCITY (lbs)	HOUSEKEEING PAD	REMARKS
3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	110	0	☐	COORDINATE MOUNTING AND DUCT ROUTING AND SUPPORTS WITH MECHANICAL AND STRUCTURAL. COORDINATE ROOF/WALL PENETRATION SIZE AND LOCATION OF EXHAUST VENT WITH MECHANICAL. REFERENCE DESIGN COORDINATION DETAILS.
3718	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM	545	0	☑	COORDINATE EXHAUST FLUE PENETRATION SIZE AND LOCATION WITH EQUIPMENT, MECHANICAL, AND STRUCTURAL.
3719	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM, ON STAND	0	0	☑	COORDINATE EXHAUST FLUE PENETRATION SIZE AND LOCATION WITH EQUIPMENT, MECHANICAL, AND STRUCTURAL.
5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	7,843	10,000	☐	COORDINATE OSHA CLEARANCES, OVERHEAD DOOR CLEARANCES, DUCTING CLEARANCES, PROCESS PIPING, ROUTING WITH MECHANICAL AND DESIGN WITH STRUCTURAL / COORDINATE BEAM SIZE CLEARANCES, AND MOUNTING DETAILS FOR CRANE RAIL PER MANUFACTURER'S DRAWINGS. REFERENCE DESIGN DETAILS.
51101	CRANE, JIB, FOUNDATION MOUNTED, 4-TON	0	0	☐	COORDINATE CLEARANCES WITH OVERHEAD DOORS AND STRUCTURE; PROVIDE FOUNDATION FOR JIB CRANE; REFERENCE DESIGN DETAILS.
53951	HOIST, MOTORIZED TROLLEY, 4-TON	212	10,000	☐	COORDINATE OSHA CLEARANCES, OVERHEAD DOOR CLEARANCES, AND DESIGN WITH STRUCTURAL.
5450	LIFT, TABLE	500	2,000	☐	PIT AND OTHER CONCRETE WORK SHALL BE PROVIDED PER THE MANUFACTURER'S INSTALLATION DRAWINGS.
5655	LIFT, PLATFORM, VERTICAL RISE	0	0	☐	CONCRETE WORK SHALL BE PER MANUFACTURER'S SHOP DRAWINGS; REFERENCE MANUFACTURER'S EQUIPMENT DESIGN DETAILS.
5655C	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - CONTROL CONSOLE	0	0	☑	WASH BAY ONLY - HOUSEKEEPING PAD REQUIRE COORINATE SIZE WITH CONTROL CONSOLE.
5712	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND	2,190	12,000	☐	COORDINATE WITH OVERHEAD DOOR CLEARANCE. CONCRETE SHALL BE DESIGNED TO WITHSTAND SURFACE MOUNTING OF LIFT, CONCRETE FOUNDATION REQUIREMENTS PER MANUFACTURER'S RECOMMENDATION. REFERANCE DESIGN DETAILS.
5730	LIFT, SURFACE MOUNTED, TWIN-POST, ASYMMETRICAL	1,600	10,000	☐	COORDINATE OVERHEAD DOOR CLEARANCES WITH EQUIPMENT. CONCRETE FLOOR SLAB SHALL BE MANUFACTURER'S REQUIREMENTS. REFERENCE THE DESIGN DETIALS.
58401	LIFT, COLUMN, PORTABLE, WIRELESS	0	0	☐	FLOOR SLOPE SHALL NOT EXCEED 1/8 INCH PER FOOT.
6080	BOOTH, PAINT, BENCH, OPEN FACE	700	0	☐	COORDINATE EXHAUST DUCTING ROOF PENETRATION WITH EQUIPMENT. REFERENCE DESIGN DETAILS.
7015	CABINET, STORAGE, HEATED (DEF) WITH DISPENSER	0	0	☐	PROVIDE BOLLARDS, COORDINATE BOLLARDS WITH EQUIPMENT AND STRUCTURAL
7530	PUMP, DIAPHRAGM, NON-MIXING (EC)	0	0	☐	COORDINATE WALL MOUNTING OF PUMP. COORDINATE WALL MOUNTING OF PUMP. PUMP SHALL BE WALL MOUNTED 12 INCHES ABOVE TOP OF CORRESPONDING TANK.
7710	REEL BANK, ONE COMMODITY	64	0	☐	REEL BANK SHALL BE HUNG FROM A STRUCTURAL FRAME WITH MOUNTING PLATE AT 16' AFF OR AS SHOWN ON DRAWINGS. REFERENCE DRAWING DETAILS.
77101	REEL BANK, ONE COMMODITY	64	0	☐	REEL BANK SHALL BE HUNG FROM A STRUCTURAL FRAME WITH MOUNTING PLATE AT 16' AFF OR AS SHOWN ON DRAWINGS. REFERENCE DRAWING DETAILS.

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Architectural/Structural Coordination

SD - June 05, 2026

EQ ID#	DESCRIPTION	WEIGHT (lbs)	CAPCITY (lbs)	HOUSEKEEING PAD	REMARKS
7720	REEL BANK, TWO COMMODITY	128	0	☐	REEL BANK SHALL BE HUNG FROM A STRUCTURAL FRAME WITH MOUNTING PLATE AT 16' AFF OR AS SHOWN ON DRAWINGS. REFERENCE DRAWING DETAILS.
7730	REEL BANK, THREE COMMODITY	192	0	☐	REEL BANK SHALL BE HUNG FROM A STRUCTURAL FRAME WITH MOUNTING PLATE AT 16' AFF OR AS SHOWN ON DRAWINGS. REFERENCE DRAWING DETAILS.
7760	REEL BANK, SIX COMMODITY	384	0	☐	REEL BANK SHALL BE HUNG FROM A STRUCTURAL FRAME WITH MOUNTING PLATE AT 16' AFF OR AS SHOWN ON DRAWINGS. REFERENCE DRAWING DETAILS.
7770	REEL BANK, SEVEN COMMODITY	448	0	☐	REEL BANK SHALL BE HUNG FROM A STRUCTURAL FRAME WITH MOUNTING PLATE AT 16' AFF OR AS SHOWN ON DRAWINGS. REFERENCE DRAWING DETAILS.
7770	REEL BANK, SEVEN COMMODITY	448	0	☐	REEL BANK SHALL BE HUNG FROM A STRUCTURAL FRAME WITH MOUNTING PLATE AT 16' AFF OR AS SHOWN ON DRAWINGS. REFERENCE DRAWING DETAILS.
7950	TANK, DOUBLE WALL, CUBE, 120 GALLON, ONE COMMODITY	485	1,485	☐	REFER TO IFC SECTION 5004.2 FOR SPILL PROVISIONS. ANCHOR TANK TO FLOOR. FOR USED FLUID TANKS ONLY: COORDINATE VENT THROUGH ROOF WITH MECHANICAL
7960	TANK, DOUBLE WALL, CUBE, 280 GALLON, ONE COMMODITY	850	3,200	☐	REFER TO IFC SECTION 5004.2 FOR SPILL PROVISIONS. ANCHOR TANK TO FLOOR. FOR USED FLUID TANKS ONLY: COORDINATE VENT THROUGH ROOF WITH MECHANICAL
7970	TANK, DOUBLE WALL, CUBE, 500 GALLON, ONE COMMODITY	1,315	5,600	☐	REFER TO IFC SECTION 5004.2 FOR SPILL PROVISIONS. TANK WILL BE ANCHORED TO THE FLOOR. FOR USED FLUID TANKS ONLY: COORDINATE VENT THROUGH ROOF WITH MECHANICAL
8020	COMPRESSOR, AIR, RECIPROCATING, 5 HP, VERTICAL RECEIVER	0	0	☑	COORDINATE SIZE OF HOUSEKEEPING PAD WITH EQUIPMENT.

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		FLUE		COMBUSTION AIR		EXHAUST				
EQ ID#	DESCRIPTION	SIZE	MAX PRESS. (wc)	SIZE	MAX PRESS. (wc)	WIDTH (in.)	DIAMETEF (in.)	FLOW (CFM)	HEAT REJECT (BTUh)	REMARKS
2035	CABINET, CHARGING, 24V BATTERY	0	0	0	0	0	0	0	0	PROVIDE EXHAUST PIPING FROM EXHAUST FAN TO EXTERIOR
2678	SANDER, BELT/DISC	0	0	0	0	0	4	400	0	CONNECT TO DUST COLLECTION SYSTEM.
3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	0	0	0	0	0	6	300	0	PROVIDE EXHAUST VENT FROM EXHAUST REEL FAN TO THE EXTERIOR. COORDINATE DUCT ROUTING AND SUPPORTS WITH STRUCTURAL. REFERENCE DESIGN COORDINATION DETAILS
3718	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM	8	0	4	0	0	0	0	0	PROVIDE EXHAUST STACK THROUGH THE ROOF; IF ENCLOSED, PROVIDE LOUVERED OPENING SIZED ACCORDING TO COMBUSTION AIR REQUIREMENTS AND NFPA54; DRAFT DIVERTERS SUPPLIED BY MANUFACTURER.
5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	0	0	0	0	0	0	0	0	COORDINATE DUCTING AND HVAC EQUIPMENT WITH ARCHITECTURAL TO AVOID CONFLICTS WITH THE OPERATION OF THE BRIDGE CRANE.
6080	BOOTH, PAINT, BENCH, OPEN FACE	0	0	0	0	0	12	1,600	0	PROVIDE MAKEUP AIR WHEN UNIT IS OPERATING. REFERENCE DESIGN DETAILS.
7950	TANK, DOUBLE WALL, CUBE, 120 GALLON, ONE COMMODITY	0	0	0	0	0	0	0	0	FOR USED FLUID TANKS ONLY: EXTEND PRIMARY VENT TO ROOF. COORDINATE WITH AHJ FOR PROJECT SPECIFIC REQUIREMENTS. PRIMARY TANK VENTING CAPACITY 211,000 CF/HR. SECONDARY TANK VENTING CAPACITY 239,000 CF/HR. VENT SIZE AND HEIGHT IN ACCORDANCE WITH NFPA 30, SECTION 27.8
7960	TANK, DOUBLE WALL, CUBE, 280 GALLON, ONE COMMODITY	0	0	0	0	0	0	0	0	FOR USED FLUID TANKS ONLY: EXTEND PRIMARY VENT TO ROOF. COORDINATE WITH AHJ FOR PROJECT SPECIFIC REQUIREMENTS. PRIMARY TANK VENTING CAPACITY 211,000 CF/HR. SECONDARY TANK VENTING CAPACITY 239,000 CF/HR. VENT SIZE AND HEIGHT IN ACCORDANCE WITH NFPA 30, SECTION 27.8
7970	TANK, DOUBLE WALL, CUBE, 500 GALLON, ONE COMMODITY	0	0	0	0	0	0	0	0	FOR USED FLUID TANKS ONLY: EXTEND PRIMARY VENT TO ROOF. COORDINATE WITH AHJ FOR PROJECT SPECIFIC REQUIREMENTS. PRIMARY TANK VENTING CAPACITY 211,000 CF/HR. SECONDARY TANK VENTING CAPACITY 239,000 CF/HR. VENT SIZE AND HEIGHT IN ACCORDANCE WITH NFPA 30, SECTION 27.8
8168	COMPRESSOR, AIR, RECIPROCATING, DUPLEX 20 HP (x2), HORIZONTAL (LARGE) RECEIVER	0	0	0	0	0	0	0	89,580	UNIT PRODUCES 89,580 BTU/H AT FULL LOAD.

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Electrical Coordination

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EQ ID#	DESCRIPTION:	V	PHASE	HP	A	CONNECTION TYPE	REMARKS
2035	CABINET, CHARGING, 24V BATTERY	0	0	0	0		PROJECT SPECIFIC AMPS- CHANGE TO REFLECT ACTUAL BATTERIES AND CHARGERS USED.
1805	WORKBENCH, ELECTRONICS, STATIC DISSIPATIVE, 5 FOOT, WITH SHELF	120	1	0	7	RECEPTACLE	
1806	WORKSTATION, ELECTRONICS, STATIC DISSAPATIVE, SIX FOOT, WITH DRAWERS	120	1	0	15	RECEPTACLE	RUN CORD FROM POWER STRIP OUT BACK OF INSTRUMENT SHELF. UNIT MUST BE GROUNDED.
2440	SCRUBBER, FLOOR, WALK BEHIND, 28 INCH PATH, BATTERY	110	1	1	15	RECEPTACLE	PROVIDE DEDICATED OUTLET FOR WALL MOUNTED BATTERY CHARGER.
2742	WELDER, MIG, PORTABLE	460	1	0	23	OUTLET	A DEDICATED OUTLET IS NOT REQUIRED. COORDINATE WITH EQUIPMENT FOR OUTLET LOCATIONS. NEMA CONFIGURATION: RECEPTACLE: 6-50R, PLUG: 6-50P
3124	DUST COLLECTION SYSTEM, PORTABLE	115	1	1.5	14	RECEPTACLE	
3279	EXTRACTOR, FUME, PORTABLE, 115 CFM	120	1	0.5	15	RECEPTACLE	NO DEDICATED OUTLET REQUIRED
3280	EXTRACTOR, FUME, WELDING, PORTABLE, 800 CFM	120	1	1.5	15	RECEPTACLE	
3540	TANK, PARTS CLEANING, 15 GALLON	120	1	0	0.6	RECEPTACLE	
2353	CHANGER, HEAVY DUTY, 44 INCH MAX TIRE	220	3	3	25	DISCONNECT	
2360	BALANCER, TIRE, LIGHT DUTY	220	1	1.5	20	SPECIAL PURPOSE OUTLET	SPECIAL PURPOSE OUTLET, NEMA L6-20R; MATCH RECEPTACLE ON UNIT.
2365	CAGE, INFLATION, TIRE	120	1	0	2	RECEPTACLE	
2460	CUTTER/PLOTTER, SIGN	110	1	0	1.2	RECEPTACLE	
2495	REEL, ELECTRICAL	120	1	0	13	RECEPTACLE	
2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	120	1	0.75	8	RECEPTACLE	
2678	SANDER, BELT/DISC	460	3	2	3.5	DISCONNECT	
2690	SAW, BAND, HORIZONTAL, SMALL	460	3	2	3.2	DISCONNECT	
2698	SAW, CUTOFF, ABRASIVE, 14 INCH	480	3	5	6	OUTLET	
2875	BUFFER/GRINDER, EIGHT INCH, BENCH MOUNTED	120	1	0.75	4.6	RECEPTACLE	PROVIDE A SEPARATE RECEPTACLE FOR BUFFER/ GRINDER AND EACH EYE SHIELD
2880	BUFFER/GRINDER, EIGHT INCH, WITH DUST COLLECTOR	460	3	0.75	0.7	DISCONNECT	UNIT SHALL BE DESIGNED SO THAT WHEN THE GRINDER IS TURNED ON, THE DUST COLLECTOR TURNS ON AUTOMATICALLY.
30852	CABINET, ABRASIVE BLAST, WITH DUST COLLECTOR	115	1	1	9	RECEPTACLE	
2260	LATHE, BRAKE, DRUM	120	1	1	15	RECEPTACLE	

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EQ ID#	DESCRIPTION:	V	PHASE	HP	A	CONNECTION TYPE	REMARKS
2897	SHARPENER, MOWER BLADE, WITH DUST COLLECTOR AND BALANCER	120	1	0.5	15	RECEPTACLE	PROVIDE SEPERATE RECEPTACLES FOR SHARPENER THE DUST COLLECTOR.
26101	DRILL PRESS, VARIABLE SPEED, 20 INCH	460	3	2	3	DISCONNECT	
3086	CABINET, BLASTER, WET	115	1	1	9	RECEPTACLE	
3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	0	0	0	0	CONTROL BOX	LOCATE DISCONNECT AND JUNCTION BOX ADJACENT TO VEHICLE EXHAUST REEL. REFERENCE DESIGN COORDINATION DETAILS
3718	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM	460	3	5	8	DISCONNECT	
5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	460	3	5.3	14.9	DISCONNECT	PROVIDE POWER THROUGH DISCONNECT TO THE SUPPORT BEAM.
53951	HOIST, MOTORIZED TROLLEY, 4-TON	460	3	3.25	4.8	DISCONNECT	
5450	LIFT, TABLE	115	1	1	17	CONTROL PANEL	COORDINATE UNDERGROUND ELECTRIC IN CONDUIT FROM THE CONTROL PANEL TO THE LIFT.
5660	LIFT, SURFACE MOUNTED, FOUR POST	230	1	2	16	DISCONNECT	
5712	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND	460	3	2	8.6	DISCONNECT	MOUNT DISCONNECT IN CEILING ABOVE UNIT. PROVIDE J-BOX FOR AIR/ ELECTRICAL UTILITY BOX ACCESSORY.
5730	LIFT, SURFACE MOUNTED, TWIN-POST, ASYMMETRICAL	220	1	2	20	DISCONNECT	MOUNT DISCONNECT ABOVE EQUIPMENT. IF ACCESSORY IS INCLUDED 120 VAC, SINGLE PHASE, 20 AMP ON A SEPARATE CIRCUIT.
5655C	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - CONTROL CONSOLE	460	3	20	26	DISCONNECT	PROVIDE CONDUIT UNDERSLAB TO CONTROL CONSOLE.
5655B	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - LIGHT KIT	120	1	0	5	CONTROL CONSOLE	ROUTE LIGHT POWER TO CONTROL CONSOLE
6080	BOOTH, PAINT, BENCH, OPEN FACE	0	0	0	0		REFERENCE DESIGN DETAILS
6080C	BOOTH, PAINT, BENCH, OPEN FACE - LIGHT KIT	277	1	0	0	CONTROL PANEL	
7950	TANK, DOUBLE WALL, CUBE, 120 GALLON, ONE COMMODITY	0	0	0	0		FOR USED FLUID TANKS ONLY WITH FLUID MANAGEMENT SYSTEM: CONTROL WIRING BETWEEN FMS AND SOLENOID VALVE AT CORRESPONDING EXTRACTION PUMP. ROUTE IN CONDUIT. PROVIDE OUTLET(S) ON WALL ABOVE TANK FOR FMS, PUMP AIR CONTROL (PAC). CONTROL WIRING BETWEEN FMS AND TANK. ROUTE IN CONDUIT.
8168	COMPRESSOR, AIR, RECIPROCATING, DUPLEX 20	480	3	20	27	PROVIDE DISCONNECT	COMPRESSOR HAS TWO PUMP MOTERS AT 20 HP EACH. PROVIDE TWO DISCONNECTS, ONE FOR EACH PUMP. MOTORS ARE CONFIGURED TO RUN IN LEAD/LAG OPERATION AND ALSO SIMULTANEOUSLY

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

EQ ID#	DESCRIPTION:	V	PHASE	HP	A	CONNECTION TYPE	REMARKS
	HP (x2), HORIZONTAL (LARGE) RECEIVER						

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Plumbing Coordination

SD - June 05, 2026

		DOMESTIC WATER				SANITARY	NATURAL GAS				
EQ ID#	DESCRIPTION	SIZE	FLOW	MIN PRESS. (PSI)	MAX PRESS. (PSI)	SINK	SIZE	INPUT (MBH)	MIN PRESS. (PSI)	MAX PRESS. (PSI)	REMARKS
3718	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM	0.75	0	0	0	☐	0.50	365,000	0	0	WATER SUPPLY TERMINATES AT STANDARD HOSE BIB; PROVIDE GAS REGULATOR.
5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	0	0	0	0	☐	0	0	0	0	COORDINATE PIPING WITH ARCHITECT TO AVOID CONFLICTS WITH THE OPERATION OF THE BRIDGE CRANE. REFERENCE DESIGN DETAILS.
5450	LIFT, TABLE	0	0	0	0	☑	0	0	0	0	PROVIDE FLOOR DRAIN IN PIT.
7720	REEL BANK, TWO COMMODITY	0.75	0	0	0	☐	0	0	0	0	PLUMB TO LUBE/COMPRESSOR ROOM
7730	REEL BANK, THREE COMMODITY	0.75	0	0	0	☐	0	0	0	0	PLUMB TO LUBE/COMPRESSOR ROOM
7760	REEL BANK, SIX COMMODITY	0.75	0	0	0	☐	0	0	0	0	PLUMB TO LUBE/COMPRESSOR ROOM
7770	REEL BANK, SEVEN COMMODITY	0.75	0	0	0	☐	0	0	0	0	PLUMB TO LUBE/COMPRESSOR ROOM
7770	REEL BANK, SEVEN COMMODITY	0.75	0	0	0	☐	0	0	0	0	PLUMB TO LUBE/COMPRESSOR ROOM

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheets

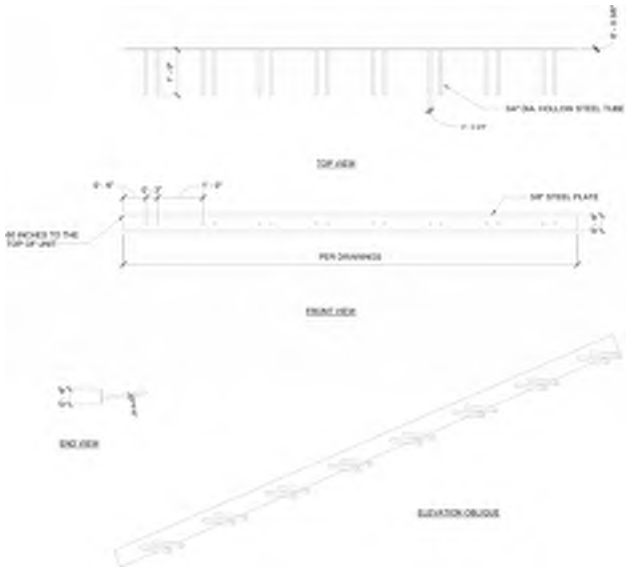
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1091
DESCRIPTION:	RACK, TOOL, WALL MOUNTED
SPEC SECTION:	



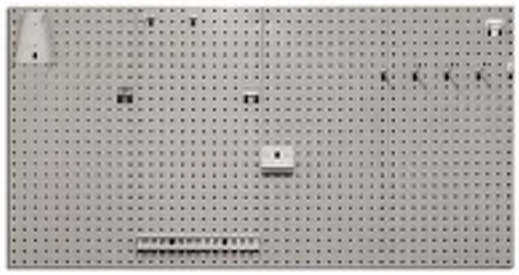
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1098
DESCRIPTION:	BOARD, PEG, TOOL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1106
DESCRIPTION:	CABINET, SIX DRAWER, MODULAR, UNDERBENCH
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1183
DESCRIPTION:	CABINET, STORAGE, HEAVY DUTY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1186
DESCRIPTION:	CABINET, STORAGE, SHOP, HEAVY DUTY SHELVING
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1188
DESCRIPTION:	CABINET, STORAGE, SHOP, WALL MOUNTED
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1215
DESCRIPTION:	CHAIR, SHOP, ELECTRONIC, STATIC DISSIPATIVE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1220
DESCRIPTION:	DESK, STAND-UP
SPEC SECTION:	





ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1381
DESCRIPTION:	PLATFORM, WORK, FIBERGLASS
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1420
DESCRIPTION:	RACK, ARM, SINGLE FACE, THREE FOOT WIDE, 4,000 POUND
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1422
DESCRIPTION:	RACK, ARM, SINGLE FACE, HEAVY DUTY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1446
DESCRIPTION:	STORAGE UNIT, 72 BIN
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1456
DESCRIPTION:	RACK, BULK STORAGE, SIX FOOT
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1535
DESCRIPTION:	RACK, PALLET, EIGHT FOOT, TWO TIER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1537
DESCRIPTION:	RACK, PALLET, TWELVE FOOT, TWO TIER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1540
DESCRIPTION:	RACK, PALLET, TWELVE FOOT, THREE TIER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1570
DESCRIPTION:	RACK, SPOOL, WIRE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1610
DESCRIPTION:	RACK, VINYL ROLL, VERTICAL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1612
DESCRIPTION:	RACK, SIGN, TWO LEVEL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1631
DESCRIPTION:	CAROUSEL, STORAGE, TIRE, 32 INCH
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1636
DESCRIPTION:	RACK, TIRE, HEAVY DUTY, ONE TIER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1688
DESCRIPTION:	SHELVING UNIT, EIGHT SHELF
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1698
DESCRIPTION:	SHELVING UNIT, WITH FOUR DRAWERS
SPEC SECTION:	







ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1753
DESCRIPTION:	TABLE, LAYOUT, STAINLESS STEEL TOP, EIGHT FOOT
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1761
DESCRIPTION:	TABLE, LAYOUT, WOOD TOP, EIGHT FEET
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1805
DESCRIPTION:	WORKBENCH, ELECTRONICS, STATIC DISSIPATIVE, 5 FOOT, WITH SHELF
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1806
DESCRIPTION:	WORKSTATION, ELECTRONICS, STATIC DISSAPATIVE, SIX FOOT, WITH DRAWERS
SPEC SECTION:	



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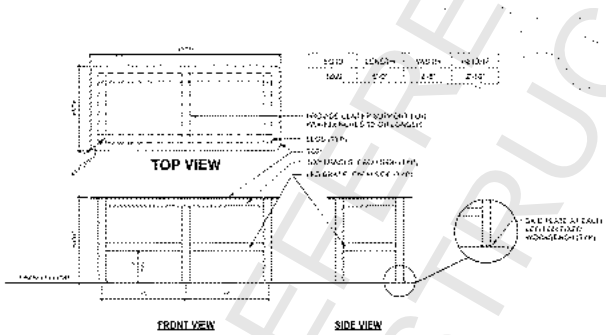
Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1860
DESCRIPTION:	WORKBENCH, SEVERE USE, SIX FEET
SPEC SECTION:	





ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1861
DESCRIPTION:	WORKBENCH, SEVERE USE, EIGHT FEET
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1862
DESCRIPTION:	WORKBENCH, SEVERE USE, TEN FEET
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1950
DESCRIPTION:	CABINET, FLAMMABLE MATERIALS, LARGE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1951
DESCRIPTION:	CABINET, FLAMMABLE MATERIALS, BENCH TOP
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	1966
DESCRIPTION:	PALLET, CONTAINMENT, HAZARDOUS MATERIALS, FOUR DRUM
SPEC SECTION:	



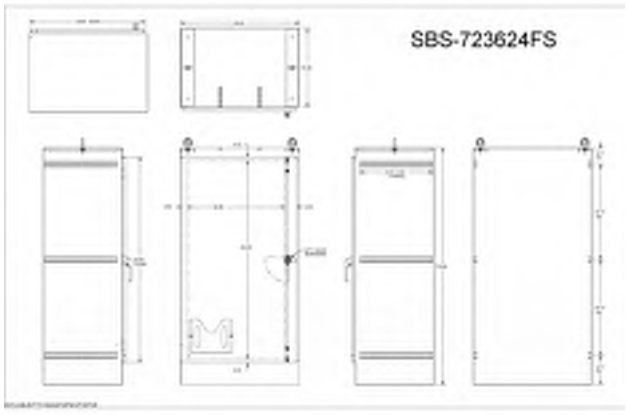
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2035
DESCRIPTION:	CABINET, CHARGING, 24V BATTERY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2102
DESCRIPTION:	PRESS, HYDRAULIC, 20 TON
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2260
DESCRIPTION:	LATHE, BRAKE, DRUM
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2350
DESCRIPTION:	CHANGER, TIRE, LIGHT DUTY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2353
DESCRIPTION:	CHANGER, HEAVY DUTY, 44 INCH MAX TIRE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2360
DESCRIPTION:	BALANCER, TIRE, LIGHT DUTY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2365
DESCRIPTION:	CAGE, INFLATION, TIRE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2440
DESCRIPTION:	SCRUBBER, FLOOR, WALK BEHIND, 28 INCH PATH, BATTERY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2460
DESCRIPTION:	CUTTER/PLOTTER, SIGN
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2461
DESCRIPTION:	LAMINATOR
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2495
DESCRIPTION:	REEL, ELECTRICAL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2608
DESCRIPTION:	DRILL PRESS, VARIABLE SPEED, 18 INCH
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2678
DESCRIPTION:	SANDER, BELT/DISC
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2690
DESCRIPTION:	SAW, BAND, HORIZONTAL, SMALL
SPEC SECTION:	





ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2698
DESCRIPTION:	SAW, CUTOFF, ABRASIVE, 14 INCH
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2742
DESCRIPTION:	WELDER, MIG, PORTABLE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2770
DESCRIPTION:	SCREEN, WELDING
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2835
DESCRIPTION:	VISE, 5-1/2 INCH
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2875
DESCRIPTION:	BUFFER/GRINDER, EIGHT INCH, BENCH MOUNTED
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2880
DESCRIPTION:	BUFFER/GRINDER, EIGHT INCH, WITH DUST COLLECTOR
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	2897
DESCRIPTION:	SHARPENER, MOWER BLADE, WITH DUST COLLECTOR AND BALANCER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3086
DESCRIPTION:	CABINET, BLASTER, WET
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3124
DESCRIPTION:	DUST COLLECTION SYSTEM, PORTABLE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3279
DESCRIPTION:	EXTRACTOR, FUME, PORTABLE, 115 CFM
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3280
DESCRIPTION:	EXTRACTOR, FUME, WELDING, PORTABLE, 800 CFM
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3461
DESCRIPTION:	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3540
DESCRIPTION:	TANK, PARTS CLEANING, 15 GALLON
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3718
DESCRIPTION:	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	3719
DESCRIPTION:	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM, ON STAND
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	5010
DESCRIPTION:	CRANE, BRIDGE, TOP RUNNING, 4-TON
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	5450
DESCRIPTION:	LIFT, TABLE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	5655
DESCRIPTION:	LIFT, PLATFORM, VERTICAL RISE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	5660
DESCRIPTION:	LIFT, SURFACE MOUNTED, FOUR POST
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	5712
DESCRIPTION:	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	5730
DESCRIPTION:	LIFT, SURFACE MOUNTED, TWIN-POST, ASYMMETRICAL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	6080
DESCRIPTION:	BOOTH, PAINT, BENCH, OPEN FACE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7015
DESCRIPTION:	CABINET, STORAGE, HEATED (DEF) WITH DISPENSER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7030
DESCRIPTION:	DISPENSER, DUAL, FUEL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7040
DESCRIPTION:	SPILL CONTAINER, REMOTE, AST
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7080
DESCRIPTION:	TRANSITION SUMP, SINGLE WALL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7250
DESCRIPTION:	SYSTEM, BRINE MAKING AND STORAGE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7366
DESCRIPTION:	TANK, STORAGE, ABOVEGROUND
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7380
DESCRIPTION:	TANK, ABOVEGROUND, STORAGE
SPEC SECTION:	



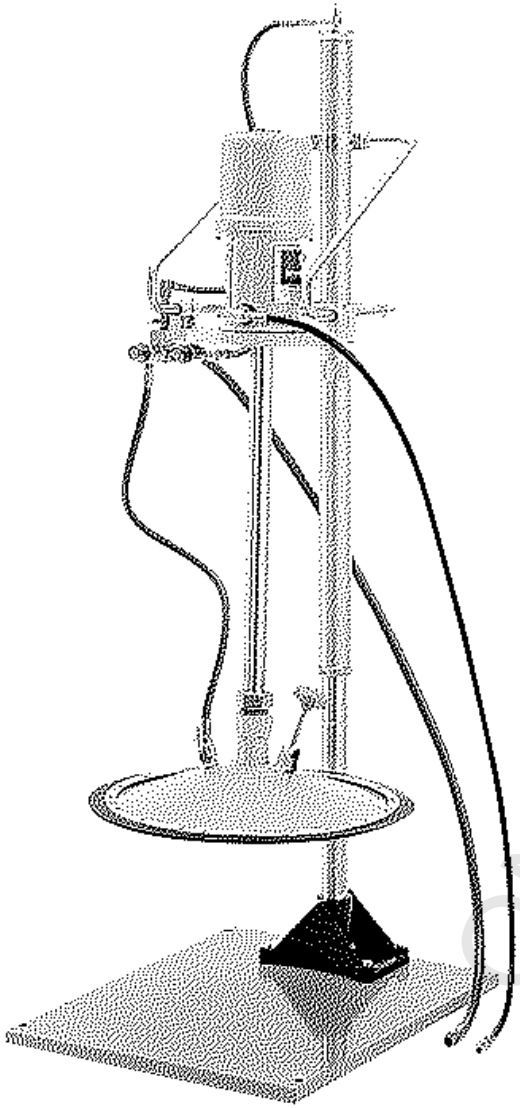
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7510
DESCRIPTION:	PUMP, AIR PISTON, 55 GALLON (CG), WITH HOIST
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7520
DESCRIPTION:	PUMP, AIR PISTON, 10:1 RATIO
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7530
DESCRIPTION:	PUMP, DIAPHRAGM, NON-MIXING (EC)
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7710
DESCRIPTION:	REEL BANK, ONE COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7720
DESCRIPTION:	REEL BANK, TWO COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7730
DESCRIPTION:	REEL BANK, THREE COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7760
DESCRIPTION:	REEL BANK, SIX COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7770
DESCRIPTION:	REEL BANK, SEVEN COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7950
DESCRIPTION:	TANK, DOUBLE WALL, CUBE, 120 GALLON, ONE COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7960
DESCRIPTION:	TANK, DOUBLE WALL, CUBE, 280 GALLON, ONE COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	7970
DESCRIPTION:	TANK, DOUBLE WALL, CUBE, 500 GALLON, ONE COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	8020
DESCRIPTION:	COMPRESSOR, AIR, RECIPROCATING, 5 HP, VERTICAL RECEIVER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	8168
DESCRIPTION:	COMPRESSOR, AIR, RECIPROCATING, DUPLEX 20 HP (x2), HORIZONTAL (LARGE) RECEIVER
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	11051
DESCRIPTION:	CABINET, FILE STORAGE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	14521
DESCRIPTION:	RACK, BULK STORAGE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	14541
DESCRIPTION:	CABINETS, STEEL STOCK
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	17931
DESCRIPTION:	STATION, WELDING, CROSS-DRAFT, EXISTING
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	18621
DESCRIPTION:	WORKBENCH, SEVERE USE, WITH GRINDER AND VICE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	19511
DESCRIPTION:	CABINET, FLAMMABLE MATERIALS, BENCH TOP
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	21021
DESCRIPTION:	PRESS, HYDRAULIC, 20 TON
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	21431
DESCRIPTION:	PRESS, HYDRAULIC, BENCH MOUNTED, 10-TON
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	24651
DESCRIPTION:	APPLICATOR/ROLLER, VINYL, SIGN, WITH WORK TABLE
SPEC SECTION:	



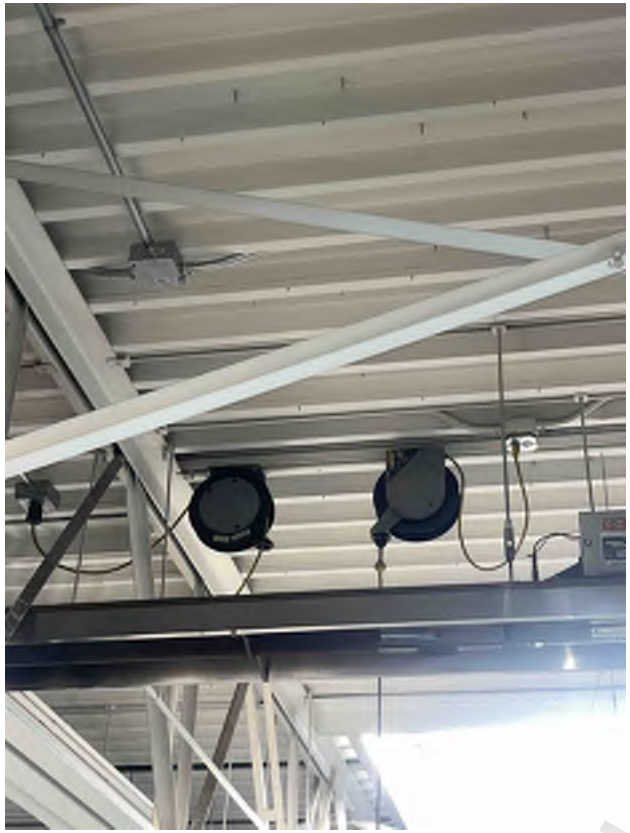
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	24951
DESCRIPTION:	REEL, ELECTRICAL
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	26101
DESCRIPTION:	DRILL PRESS, VARIABLE SPEED, 20 INCH
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	26901
DESCRIPTION:	SAW, MITER, BAND
SPEC SECTION:	



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NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	26921
DESCRIPTION:	SAW, BAND, 12"
SPEC SECTION:	



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Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	26931
DESCRIPTION:	SAW, BAND, VERTICAL
SPEC SECTION:	



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Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	27021
DESCRIPTION:	SAW, COMPOUND, MITER, SLIDING, 12 INCH
SPEC SECTION:	



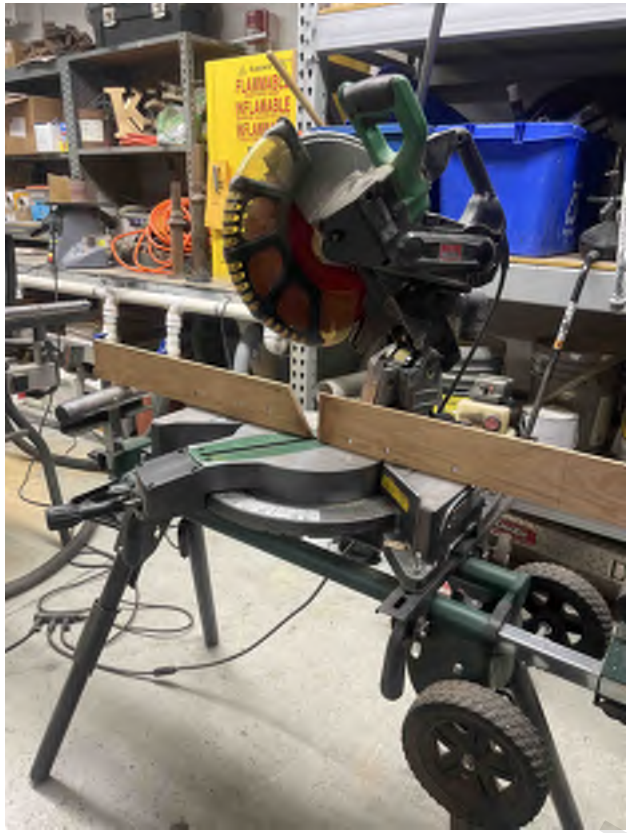
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	27022
DESCRIPTION:	SAW, COMPOUND, MITER, SLIDING, 12 INCH
SPEC SECTION:	



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NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	27201
DESCRIPTION:	SAW, TABLE, MOBILE
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	27421
DESCRIPTION:	WELDER, MIG, PORTABLE
SPEC SECTION:	



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NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	28201
DESCRIPTION:	MILL, VERTICAL, BENCH MOUNTED
SPEC SECTION:	



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Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	28701
DESCRIPTION:	GRINDER, BLADE, AUTOMATED
SPEC SECTION:	



ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	30852
DESCRIPTION:	CABINET, ABRASIVE BLAST, WITH DUST COLLECTOR
SPEC SECTION:	



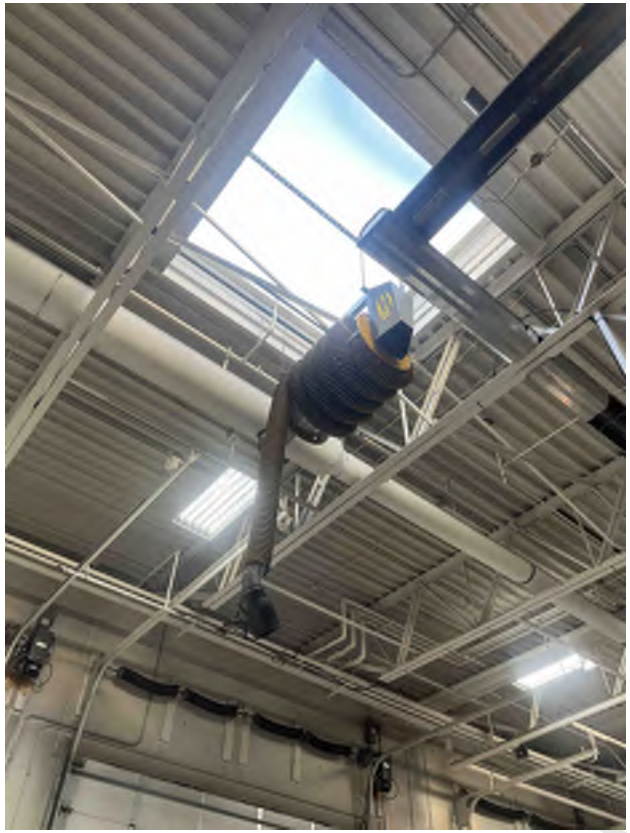
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	34501
DESCRIPTION:	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE
SPEC SECTION:	



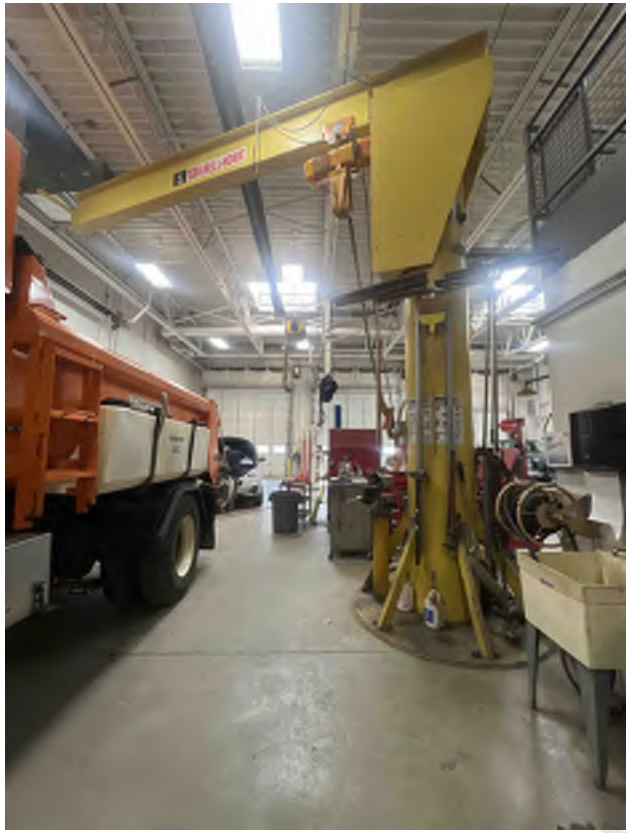
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	51101
DESCRIPTION:	CRANE, JIB, FOUNDATION MOUNTED, 4-TON
SPEC SECTION:	



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Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	53951
DESCRIPTION:	HOIST, MOTORIZED TROLLEY, 4-TON
SPEC SECTION:	



ONLY FOR REFERENCE
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Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	58401
DESCRIPTION:	LIFT, COLUMN, PORTABLE, WIRELESS
SPEC SECTION:	



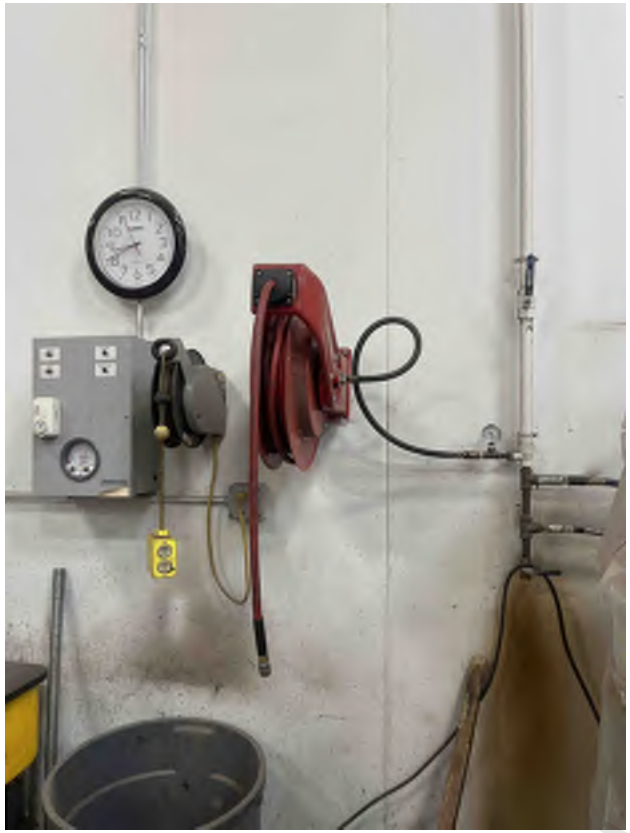
ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

Equipment Cutsheet

SD - June 05, 2026

Equipment

EQ ID#:	77101
DESCRIPTION:	REEL BANK, ONE COMMODITY
SPEC SECTION:	



ONLY FOR REFERENCE
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Appendix A
Preliminary Equipment List

ONLY FOR REFERENCE
NOT FOR CONSTRUCTION

EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
•	•	•	•	•		8168	COMPRESSOR, AIR, RECIPROCATING, DUPLEX 20 HP (x2), HORIZONTAL (LARGE) RECEIVER	$57,200	1	$57,200	89 1/2"	66 1/2"	76"	HDR	CF/CI	
									1	$57,200						
WELDING BAY/SHOP																
•	•					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	1	$6,200	48"	24"	78"	HDR	CF/CI	
						1422	RACK, ARM, SINGLE FACE, HEAVY DUTY	$2,100	2	$4,200	48"	36"	96"	HDR	CF/CI	
•	•					1688	SHELVING UNIT, EIGHT SHELF	$1,100	1	$1,100	36"	18"	84"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	3	$9,000	72"	32"	34"	HDR	CF/CI	
						1861	WORKBENCH, SEVERE USE, EIGHT FEET	$3,300	1	$3,300	96"	32"	34"	HDR	CF/CI	
•	•					1950	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	1	$4,300	43"	18"	65"	HDR	CF/CI	
•	•		•			2495	REEL, ELECTRICAL	$900	3	$2,700	8 1/2"	13 1/2"	15"	HDR	CF/CI	
			•			2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	$1,900	1	$1,900	20"	28"	70"	HDR	CF/CI	
			•			2690	SAW, BAND, HORIZONTAL, SMALL	$12,300	1	$12,300	40"	84"	49"	HDR	CF/CI	
			•			2698	SAW, CUTOFF, ABRASIVE, 14 INCH	$2,800	1	$2,800	17"	29 1/2"	28 1/2"	HDR	CF/CI	
						2770	SCREEN, WELDING	$650	2	$1,300	144"	18"	75"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	3	$5,700	9"	18"	10"	HDR	CF/CI	
			•			2880	BUFFER/GRINDER, EIGHT INCH, WITH DUST COLLECTOR	$13,000	1	$13,000	25"	24"	42"	HDR	CF/CI	
		•				3291	FUME EXTRACTION ARM, WELDING, WITH BOOM EXTENSION	$14,000	1	$14,000	72"	48"	48"	HDR	CF/CI	
•	•	•	•			3460	REEL, VEHICLE EXHAUST, MOTOR OPERATED, 6 INCH HOSE	$20,000	1	$20,000	55"	35"	56"	HDR	CF/CI	
•	•			•		7720	REEL BANK, TWO COMMODITY	$5,400	3	$16,200	26"	8"	25 1/2"	HDR	CF/CI	
						21021	PRESS, HYDRAULIC, 20 TON	$0	1	$0	46"	28"	70"	OWNER	OF/OI	
						21431	PRESS, HYDRAULIC, BENCH MOUNTED, 10-TON	$0	1	$0	36"	8 1/4"	36"	OWNER	OF/OI	
•	•		•			26931	SAW, BAND, VERTICAL	$0	1	$0	42"	24"	70"	OWNER	OF/OI	
			•			27421	WELDER, MIG, PORTABLE	$0	1	$0	19"	40"	30"	OWNER	OF/OI	
			•			28201	MILL, VERTICAL, BENCH MOUNTED	$0	1	$0	30"	25"	36"	OWNER	OF/OI	
			•	•		30852	CABINET, ABRASIVE BLAST, WITH DUST COLLECTOR	$0	1	$0	65"	25"	64"	OWNER	OF/OI	
									32	$118,000						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
H.D. REPAIR BAY																
●	●	●	●			3460	REEL, VEHICLE EXHAUST, MOTOR OPERATED, 6 INCH HOSE	$20,000	1	$20,000	55"	35"	56"	HDR	CF/CI	
●	●	●	●	●		5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	$98,000	1	$98,000	93 3/4"	710 1/4"	42"	HDR	CF/CI	
●	●		●	●		5655	LIFT, PLATFORM, VERTICAL RISE	$335,000	1	$335,000	402 1/4"	109"	16 3/4"	HDR	CF/CI	
									3	$453,000						
MOBILE LIFT STOR.																
			●			2440	SCRUBBER, FLOOR, WALK BEHIND, 28 INCH PATH, BATTERY	$28,350	1	$28,350	30"	63 3/4"	43 1/2"	HDR	CF/CI	
●	●			●		7770	REEL BANK, SEVEN COMMODITY	$18,900	1	$18,900	26"	8"	25 1/2"	HDR	CF/CI	
●	●		●			58401	LIFT, COLUMN, PORTABLE, WIRELESS	$0	6	$0	46"	42"	90"	OWNER	OF/OI	
									8	$47,250						
TIRE STORAGE																
						1636	RACK, TIRE, HEAVY DUTY, ONE TIER	$390	3	$1,170	60"	26"	47 1/2"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	1	$3,000	72"	32"	34"	HDR	CF/CI	
			●	●		2353	CHANGER, HEAVY DUTY, 44 INCH MAX TIRE	$30,000	1	$30,000	78"	48"	36"	HDR	CF/CI	
●	●		●			2495	REEL, ELECTRICAL	$900	1	$900	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
●	●			●		7720	REEL BANK, TWO COMMODITY	$5,400	1	$5,400	26"	8"	25 1/2"	HDR	CF/CI	
									8	$42,370						
L.D. REPAIR BAY																
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	1	$3,000	72"	32"	34"	HDR	CF/CI	
●	●		●			2495	REEL, ELECTRICAL	$900	1	$900	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
●	●	●	●			3454	REEL, VEHICLE EXHAUST, SPRING OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	$16,300	1	$16,300	60"	37"	33"	HDR	CF/CI	
●	●		●	●		5660	LIFT, SURFACE MOUNTED, FOUR POST	$44,000	1	$44,000	275 1/2"	137 3/4"	77 3/4"	HDR	CF/CI	
●	●			●		7770	REEL BANK, SEVEN COMMODITY	$18,900	1	$18,900	26"	8"	25 1/2"	HDR	CF/CI	
									6	$85,000						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
L.D. REPAIR BAY																
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	1	$3,000	72"	32"	34"	HDR	CF/CI	
•	•		•			2495	REEL, ELECTRICAL	$900	1	$900	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
•	•	•	•			3454	REEL, VEHICLE EXHAUST, SPRING OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	$16,300	1	$16,300	60"	37"	33"	HDR	CF/CI	
•	•		•	•		5712	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND	$15,000	1	$15,000	137 3/4"	124"	164"	HDR	CF/CI	
•	•			•		7770	REEL BANK, SEVEN COMMODITY	$18,900	1	$18,900	26"	8"	25 1/2"	HDR	CF/CI	
									6	$56,000						
L.D. REPAIR BAY																
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	1	$3,000	72"	32"	34"	HDR	CF/CI	
•	•		•			2495	REEL, ELECTRICAL	$900	2	$1,800	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
•	•	•	•			3454	REEL, VEHICLE EXHAUST, SPRING OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	$16,300	1	$16,300	60"	37"	33"	HDR	CF/CI	
•	•		•	•		5660	LIFT, SURFACE MOUNTED, FOUR POST	$44,000	1	$44,000	275 1/2"	137 3/4"	77 3/4"	HDR	CF/CI	
									6	$67,000						
TIRE STORAGE																
•	•					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	2	$12,400	48"	24"	78"	HDR	CF/CI	
•	•		•			1631	CAROUSEL, STORAGE, TIRE, 32 INCH	$44,050	1	$44,050	177"	89 1/2"	170"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	1	$3,000	72"	32"	34"	HDR	CF/CI	
•	•		•			2260	LATHE, BRAKE, DRUM	$7,600	1	$7,600	60"	30"	72"	HDR	CF/CI	
				•		2350	CHANGER, TIRE, LIGHT DUTY	$11,000	1	$11,000	48 3/4"	42"	88"	HDR	CF/CI	
			•			2360	BALANCER, TIRE, LIGHT DUTY	$12,000	1	$12,000	57"	55"	75"	HDR	CF/CI	
			•	•		2365	CAGE, INFLATION, TIRE	$1,600	1	$1,600	28"	35"	60"	HDR	CF/CI	
•	•		•			2495	REEL, ELECTRICAL	$900	1	$900	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
•	•		•	•		5450	LIFT, TABLE	$6,500	1	$6,500	48"	60"	6 3/4"	HDR	CF/CI	
•	•			•		7730	REEL BANK, THREE COMMODITY	$8,100	1	$8,100	26"	8"	25 1/2"	HDR	CF/CI	
									12	$109,050						

ONLY FOR REFERENCE
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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
INVENTORY AREA																
•						1753	TABLE, LAYOUT, STAINLESS STEEL TOP, EIGHT FOOT	$3,400	1	$3,400	96"	30"	34"	HDR	CF/CI	
									1	$3,400						
PARTS STORAGE																
						1446	STORAGE UNIT, 72 BIN	$900	3	$2,700	36"	12"	84"	HDR	CF/CI	
•	•					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	3	$3,000	72"	24"	96"	HDR	CF/CI	
•	•					1537	RACK, PALLET, TWELVE FOOT, TWO TIER	$2,000	3	$6,000	150"	48"	120"	HDR	CF/CI	
						1570	RACK, SPOOL, WIRE	$610	2	$1,220	36"	8"	84"	HDR	CF/CI	
•	•					1688	SHELVING UNIT, EIGHT SHELF	$1,100	32	$35,200	36"	18"	84"	HDR	CF/CI	
						1698	SHELVING UNIT, WITH FOUR DRAWERS	$2,300	5	$11,500	36"	18"	84"	HDR	CF/CI	
•	•					1950	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	2	$8,600	43"	18"	65"	HDR	CF/CI	
						1966	PALLET, CONTAINMENT, HAZARDOUS MATERIALS, FOUR DRUM	$940	1	$940	49"	49"	10 1/4"	HDR	CF/CI	
									51	$69,160						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
UPFITTING BAY																
●	●					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	1	$6,200	48"	24"	78"	HDR	CF/CI	
						1215	CHAIR, SHOP, ELECTRONIC, STATIC DISSIPATIVE	$900	1	$900	27"	27"	50"	HDR	OF/OI	
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	3	$3,000	72"	24"	96"	HDR	CF/CI	
●	●					1535	RACK, PALLET, EIGHT FOOT, TWO TIER	$1,100	2	$2,200	102"	48"	96"	HDR	CF/CI	
						1570	RACK, SPOOL, WIRE	$610	1	$610	36"	8"	84"	HDR	CF/CI	
			●			1805	WORKBENCH, ELECTRONICS, STATIC DISSIPATIVE, 5 FOOT, WITH SHELF	$4,900	1	$4,900	60"	30"	47 1/2"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	1	$3,000	72"	32"	34"	HDR	CF/CI	
●	●					1950	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	1	$4,300	43"	18"	65"	HDR	CF/CI	
●	●		●			2495	REEL, ELECTRICAL	$900	2	$1,800	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
			●			3279	EXTRACTOR, FUME, PORTABLE, 115 CFM	$4,000	1	$4,000	27"	16"	13 1/2"	HDR	CF/CI	
●	●	●	●			3454	REEL, VEHICLE EXHAUST, SPRING OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	$16,300	1	$16,300	60"	37"	33"	HDR	CF/CI	
●	●		●	●		5730	LIFT, SURFACE MOUNTED, TWIN-POST, ASYMMETRICAL	$15,000	1	$15,000	161"	110 1/2"	143 1/2"	HDR	CF/CI	
		●	●			6080	BOOTH, PAINT, BENCH, OPEN FACE	$16,000	1	$16,000	52"	64"	94"	HDR	CF/CI	
●	●					7710	REEL BANK, ONE COMMODITY	$2,700	1	$2,700	26"	8"	25 1/2"	HDR	CF/CI	
									19	$82,810						
FLUID/COMPRESSOR																
				●		7510	PUMP, AIR PISTON, 55 GALLON (CG), WITH HOIST	$13,000	1	$13,000	24"	30"	56"	HDR	CF/CI	
				●		7520	PUMP, AIR PISTON, 10:1 RATIO	$9,300	5	$46,500	8"	6"	25 3/4"	HDR	CF/CI	
●	●			●		7530	PUMP, DIAPHRAGM, NON-MIXING (EC)	$5,000	1	$5,000	14 3/4"	10 3/4"	16"	HDR	CF/CI	
●	●	●	●			7950	TANK, DOUBLE WALL, CUBE, 120 GALLON, ONE COMMODITY	$4,800	3	$14,400	38"	34"	49"	HDR	CF/CI	
●	●	●		●		7960	TANK, DOUBLE WALL, CUBE, 280 GALLON, ONE COMMODITY	$6,300	3	$18,900	58"	34"	61"	HDR	CF/CI	
●	●	●				7970	TANK, DOUBLE WALL, CUBE, 500 GALLON, ONE COMMODITY	$8,000	1	$8,000	58"	46"	73"	HDR	CF/CI	
									14	$105,800						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
PARKS VEHICLE/EQUIP. REPAIR SHOP																
●	●					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	1	$6,200	48"	24"	78"	HDR	CF/CI	
						1446	STORAGE UNIT, 72 BIN	$900	1	$900	36"	12"	84"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	1	$3,000	72"	32"	34"	HDR	CF/CI	
●	●		●			2495	REEL, ELECTRICAL	$900	1	$900	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
●	●	●	●			3454	REEL, VEHICLE EXHAUST, SPRING OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	$16,300	1	$16,300	60"	37"	33"	HDR	CF/CI	
●	●	●	●	●		5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	$98,000	1	$98,000	93 3/4"	257 3/4"	42"	HDR	CF/CI	
●	●		●	●		5712	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND	$15,000	1	$15,000	137 3/4"	124"	164"	HDR	CF/CI	
●	●			●		7760	REEL BANK, SIX COMMODITY	$16,200	1	$16,200	26"	8"	25 1/2"	HDR	CF/CI	
									9	$158,400						
PARKS SMALL ENGINE SHOP																
						1861	WORKBENCH, SEVERE USE, EIGHT FEET	$3,300	1	$3,300	96"	32"	34"	HDR	CF/CI	
						1862	WORKBENCH, SEVERE USE, TEN FEET	$3,300	1	$3,300	120"	32"	34"	HDR	CF/CI	
						2102	PRESS, HYDRAULIC, 20 TON	$5,900	1	$5,900	31"	30"	74"	HDR	CF/CI	
			●			2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	$1,900	1	$1,900	20"	28"	70"	HDR	CF/CI	
			●			2698	SAW, CUTOFF, ABRASIVE, 14 INCH	$2,800	1	$2,800	17"	29 1/2"	28 1/2"	HDR	CF/CI	
			●			2742	WELDER, MIG, PORTABLE	$7,000	1	$7,000	19"	40"	30"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
			●			2875	BUFFER/GRINDER, EIGHT INCH, BENCH MOUNTED	$2,000	1	$2,000	23 1/4"	10 3/4"	13"	HDR	CF/CI	
			●			3280	EXTRACTOR, FUME, WELDING, PORTABLE, 800 CFM	$15,000	1	$15,000	24"	37"	91 1/4"	HDR	CF/CI	
	●		●			3540	TANK, PARTS CLEANING, 15 GALLON	$2,000	1	$2,000	36"	22"	39"	HDR	OF/OI	
●	●		●	●		5450	LIFT, TABLE	$6,500	1	$6,500	48"	60"	6 3/4"	HDR	CF/CI	
●	●					7710	REEL BANK, ONE COMMODITY	$2,700	1	$2,700	26"	8"	25 1/2"	HDR	CF/CI	
									12	$54,300						

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EQUIPMENT LIST

DISCIPLINE COORDINATION A	S	M	E	P	REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
PARKS PARTS STOR.																
●	●					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	1	$6,200	48"	24"	78"	HDR	CF/CI	
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	2	$2,000	72"	24"	96"	HDR	CF/CI	
●	●					1688	SHELVING UNIT, EIGHT SHELF	$1,100	4	$4,400	36"	18"	84"	HDR	CF/CI	
									7	$12,600						
SECURE TOOL CRIB																
●	●					1090	RACK, TOOL, WALL MOUNTED	$120	4	$480	46"	14"	3 1/2"	HDR	CF/CI	
●	●					1458	RACK, BULK STORAGE, EIGHT FOOT	$1,400	1	$1,400	96"	24"	96"	HDR	CF/CI	
		✠	●			2035	CABINET, CHARGING, 24V BATTERY	$3,400	2	$6,800	36"	24"	78"	HDR/MDG	CF/CI	
									7	$8,680						
PARKS OPEN WORK SHOP																
●						1106	CABINET, SIX DRAWER, MODULAR, UNDERBENCH	$3,600	8	$28,800	30"	27 3/4"	33 1/2"	HDR	CF/CI	
●	●					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	3	$18,600	48"	24"	78"	HDR	CF/CI	
						1422	RACK, ARM, SINGLE FACE, HEAVY DUTY	$2,100	1	$2,100	48"	36"	96"	HDR	CF/CI	
●	●					1535	RACK, PALLET, EIGHT FOOT, TWO TIER	$1,100	1	$1,100	102"	48"	96"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	5	$15,000	72"	32"	34"	HDR	CF/CI	
●	●		●			2495	REEL, ELECTRICAL	$900	5	$4,500	8 1/2"	13 1/2"	15"	HDR	CF/CI	
			●			2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	$1,900	1	$1,900	20"	28"	70"	HDR	CF/CI	
			●			2742	WELDER, MIG, PORTABLE	$7,000	1	$7,000	19"	40"	30"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	4	$7,600	9"	18"	10"	HDR	CF/CI	
			●			2880	BUFFER/GRINDER, EIGHT INCH, WITH DUST COLLECTOR	$13,000	1	$13,000	25"	24"	42"	HDR	CF/CI	
		●				3291	FUME EXTRACTION ARM, WELDING, 5M, WITH BOOM EXTENTION	$14,000	1	$14,000	72"	48"	48"	HDR	CF/CI	
	●		●			3540	TANK, PARTS CLEANING, 15 GALLON	$2,000	1	$2,000	36"	22"	39"	HDR	OF/OI	
●	●					7710	REEL BANK, ONE COMMODITY	$2,700	2	$5,400	26"	8"	25 1/2"	HDR	CF/CI	
			●			27021	SAW, COMPOUND, MITER, SLIDING, 12 INCH	$0	1	$0	33"	29"	51 1/2"	OWNER	OF/OI	
			●			28701	GRINDER, BLADE, AUTOMATED	$0	1	$0	55"	39"	74"	OWNER	OF/OI	
									36	$121,000						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
STORAGE																
●	●					1950	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	2	$8,600	43"	18"	65"	HDR	CF/CI	
						1966	PALLET, CONTAINMENT, HAZARDOUS MATERIALS, FOUR DRUM	$940	2	$1,880	49"	49"	10 1/4"	HDR	CF/CI	
									4	$10,480						
GENERAL PARKS STORAGE																
●	●					1090	RACK, TOOL, WALL MOUNTED	$120	5	$600	46"	14"	3 1/2"	HDR	CF/CI	
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	10	$10,000	72"	24"	96"	HDR	CF/CI	
●	●					1540	RACK, PALLET, TWELVE FOOT, THREE TIER	$2,100	5	$10,500	150"	48"	144"	HDR	CF/CI	
●	●					1688	SHELVING UNIT, EIGHT SHELF	$1,100	19	$20,900	36"	18"	84"	HDR	CF/CI	
									39	$42,000						
GENERAL RECREATION STORAGE																
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	10	$10,000	72"	24"	96"	HDR	CF/CI	
●	●					1688	SHELVING UNIT, EIGHT SHELF	$1,100	24	$26,400	36"	18"	84"	HDR	CF/CI	
						1698	SHELVING UNIT, WITH FOUR DRAWERS	$2,300	4	$9,200	36"	18"	84"	HDR	CF/CI	
									38	$45,600						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
UTILITY SHOP AND STORAGE																
●	●					1090	RACK, TOOL, WALL MOUNTED	$120	1	$120	46"	14"	3 1/2"	HDR	CF/CI	
●	●					1188	CABINET, STORAGE, SHOP, WALL MOUNTED	$600	6	$3,600	36"	13"	27"	HDR	CF/CI	
●	●					1535	RACK, PALLET, EIGHT FOOT, TWO TIER	$1,100	1	$1,100	102"	48"	96"	HDR	CF/CI	
●	●					1537	RACK, PALLET, TWELVE FOOT, TWO TIER	$2,000	10	$20,000	150"	48"	120"	HDR	CF/CI	
						1861	WORKBENCH, SEVERE USE, EIGHT FEET	$3,300	2	$6,600	96"	32"	34"	HDR	CF/CI	
●	●					1950	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	3	$12,900	43"	18"	65"	HDR	CF/CI	
			●			2742	WELDER, MIG, PORTABLE	$7,000	1	$7,000	19"	40"	30"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	2	$3,800	9"	18"	10"	HDR	CF/CI	
●	●	✠	●	●		3719	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM, ON STAND	$16,000	1	$16,000	47 1/2"	21"	51"	HDR	CF/CI	
						14541	CABINETS, STEEL STOCK	$0	1	$0	48"	24"	36"	OWNER	OF/OI	
		●	●			17931	STATION, WELDING, CROSS-DRAFT, EXISTING	$0	1	$0	72"	36"	120"	OWNER	OF/OI	
						18621	WORKBENCH, SEVERE USE, WITH GRINDER AND VICE	$0	1	$0	120"	32"	34"	OWNER	OF/OI	
●	●		●			24951	REEL, ELECTRICAL	$0	3	$0	8 1/2"	13 1/2"	15"	OWNER	OF/OI	
			●			26101	DRILL PRESS, VARIABLE SPEED, 20 INCH	$0	1	$0	22"	36"	68"	OWNER	OF/OI	
			●			26901	SAW, MITER, BAND	$0	1	$0	32"	65"	49"	OWNER	OF/OI	
			●	●		30851	CABINET, ABRASIVE BLAST, WITH DUST COLLECTOR	$0	1	$0	61"	22"	64"	OWNER	OF/OI	
●	●	●	●			34501	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	$0	1	$0	60"	37"	33"	OWNER	OF/OI	
●	●		●			51101	CRANE, JIB, FOUNDATION MOUNTED, 4-TON	$0	1	$0	189"	36"	216"	OWNER	OF/OI	
●	●		●			53951	HOIST, MOTORIZED TROLLEY, 4-TON	$0	1	$0	31 1/2"	26 3/4"	32"	OWNER	OF/OI	
●	●					77101	REEL BANK, ONE COMMODITY	$0	3	$0	26"	8"	25 1/2"	OWNER	OF/OI	
									42	$71,120						
HYDRANT ROOM																
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	2	$2,000	72"	24"	96"	HDR	CF/CI	
●	●					1537	RACK, PALLET, TWELVE FOOT, TWO TIER	$2,000	1	$2,000	150"	48"	120"	HDR	CF/CI	
									3	$4,000						

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EQUIPMENT LIST

DISCIPLINE COORDINATION A	S	M	E	P	REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS L	W	H	SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
METER ROOM																
●	●					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	2	$12,400	48"	24"	78"	HDR	CF/CI	
						1215	CHAIR, SHOP, ELECTRONIC, STATIC DISSIPATIVE	$900	1	$900	27"	27"	50"	HDR	OF/OI	
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	6	$6,000	72"	24"	96"	HDR	CF/CI	
●	●					1688	SHELVING UNIT, EIGHT SHELF	$1,100	3	$3,300	36"	18"	84"	HDR	CF/CI	
			●			1806	WORKSTATION, ELECTRONICS, STATIC DISSAPATIVE, SIX FOOT, WITH DRAWERS	$6,400	1	$6,400	72"	36"	52"	HDR	CF/CI	
						1862	WORKBENCH, SEVERE USE, TEN FEET	$3,300	1	$3,300	120"	32"	34"	HDR	CF/CI	
●	●		●			2495	REEL, ELECTRICAL	$900	2	$1,800	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
									17	$36,000						
UTITLITY SECURE TOOL																
●	●					1090	RACK, TOOL, WALL MOUNTED	$120	2	$240	46"	14"	3 1/2"	HDR	CF/CI	
●	●					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	2	$12,400	48"	24"	78"	HDR	CF/CI	
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	1	$1,000	72"	24"	96"	HDR	CF/CI	
									5	$13,640						
STREETS TOOLS-1																
●	●					1090	RACK, TOOL, WALL MOUNTED	$120	4	$480	46"	14"	3 1/2"	HDR	CF/CI	
●	●					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	1	$6,200	48"	24"	78"	HDR	CF/CI	
●	●					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	1	$1,000	72"	24"	96"	HDR	CF/CI	
●	●					1950	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	1	$4,300	43"	18"	65"	HDR	CF/CI	
									7	$11,980						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
STREETS SHOP																
						1186	CABINET, STORAGE, SHOP, HEAVY DUTY SHELVING	$1,500	4	$6,000	36"	21"	82"	HDR	CF/CI	
•	•					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	1	$1,000	72"	24"	96"	HDR	CF/CI	
						1862	WORKBENCH, SEVERE USE, TEN FEET	$3,300	2	$6,600	120"	32"	34"	HDR	CF/CI	
•	•		•			2495	REEL, ELECTRICAL	$900	1	$900	8 1/2"	13 1/2"	15"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	2	$3,800	9"	18"	10"	HDR	CF/CI	
			•			2897	SHARPENER, MOWER BLADE, WITH DUST COLLECTOR AND BALANCER	$2,200	1	$2,200	24"	24"	68"	HDR	CF/CI	
•	•					7710	REEL BANK, ONE COMMODITY	$2,700	1	$2,700	26"	8"	25 1/2"	HDR	CF/CI	
•	•					19501	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	1	$4,300	24"	18"	65"	HDR	CF/CI	
•	•					19511	CABINET, FLAMMABLE MATERIALS, BENCH TOP	$0	1	$0	23 1/4"	18"	35"	OWNER	OF/OI	
•	•					77101	REEL BANK, ONE COMMODITY	$0	1	$0	26"	8"	25 1/2"	OWNER	OF/OI	
									15	$27,500						
STREETS SHOP STORAGE																
•	•					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	3	$3,000	72"	24"	96"	HDR	CF/CI	
•	•					1535	RACK, PALLET, EIGHT FOOT, TWO TIER	$1,100	4	$4,400	102"	48"	96"	HDR	CF/CI	
									7	$7,400						
SIGN SHOP																
						1220	DESK, STAND-UP	$1,200	2	$2,400	34 1/2"	29"	53"	HDR	CF/CI	
•	•					1456	RACK, BULK STORAGE, SIX FOOT	$1,000	1	$1,000	72"	24"	96"	HDR	CF/CI	
						1610	RACK, VINYL ROLL, VERTICAL	$420	1	$420	30"	9"	75"	HDR	CF/CI	
						1612	RACK, SIGN, TWO LEVEL	$2,400	1	$2,400	48"	36"	88 1/4"	HDR	CF/CI	
						1761	TABLE, LAYOUT, WOOD TOP, EIGHT FEET	$1,300	2	$2,600	96"	36"	34"	HDR	CF/CI	
			•			2460	CUTTER/PLOTTER, SIGN	$4,300	1	$4,300	55 1/2"	28 3/4"	43 3/4"	HDR	CF/CI	
			•			2461	LAMINATOR	$8,300	1	$8,300	72"	26"	48 1/2"	HDR	CF/CI	
•	•					7710	REEL BANK, ONE COMMODITY	$2,700	1	$2,700	26"	8"	25 1/2"	HDR	CF/CI	
				•		24651	APPLICATOR/ROLLER, VINYL, SIGN, WITH WORK TABLE	$0	1	$0	96"	60"	56"	OWNER	OF/OI	
									11	$24,120						

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EQUIPMENT LIST

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
SIGN STORAGE																
						1420	RACK, ARM, SINGLE FACE, THREE FOOT WIDE, 4,000 POUND	$1,200	2	$2,400	36"	22 1/4"	84"	HDR	CF/CI	
						1612	RACK, SIGN, TWO LEVEL	$2,400	4	$9,600	48"	36"	88 1/4"	HDR	CF/CI	
									6	$12,000						
CARPENTRY SHOP																
						1186	CABINET, STORAGE, SHOP, HEAVY DUTY SHELVING	$1,500	2	$3,000	36"	21"	82"	HDR	CF/CI	
•	•					1540	RACK, PALLET, TWELVE FOOT, THREE TIER	$2,100	1	$2,100	150"	48"	144"	HDR	CF/CI	
						1860	WORKBENCH, SEVERE USE, SIX FEET	$3,000	3	$9,000	72"	32"	34"	HDR	CF/CI	
•	•					1951	CABINET, FLAMMABLE MATERIALS, BENCH TOP	$1,000	1	$1,000	23 1/4"	18"	35"	HDR	CF/CI	
		•	•			2678	SANDER, BELT/DISC	$2,800	1	$2,800	24"	31 1/4"	54 1/2"	HDR	CF/CI	
						2835	VISE, 5-1/2 INCH	$1,900	1	$1,900	9"	18"	10"	HDR	CF/CI	
			•			3124	DUST COLLECTION SYSTEM, PORTABLE	$1,600	1	$1,600	22"	47"	67 1/2"	HDR	CF/CI	
•	•					7710	REEL BANK, ONE COMMODITY	$2,700	1	$2,700	26"	8"	25 1/2"	HDR	CF/CI	
•	•					19501	CABINET, FLAMMABLE MATERIALS, LARGE	$4,300	1	$4,300	24"	18"	65"	HDR	CF/CI	
			•			26921	SAW, BAND, 12"	$0	1	$0	34"	20"	68"	OWNER	CF/CI	
			•			27021	SAW, COMPOUND, MITER, SLIDING, 12 INCH	$0	1	$0	33"	29"	51 1/2"	OWNER	OF/OI	
			•			27201	SAW, TABLE, MOBILE		1	$0	24"	48"	36"	OWNER	OF/OI	
									15	$28,400						
SECURE TOOL CRIB																
•	•					1183	CABINET, STORAGE, HEAVY DUTY	$6,200	3	$18,600	48"	24"	78"	HDR	CF/CI	
									3	$18,600						
									450	$2,003,860						

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EQUIPMENT LIST - NORTH SITE

DISCIPLINE COORDINATION					REV NOTE	EQ ID #	DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE	DIMENSIONS			SPEC BY	FURNISH INSTALL	PROJECT COMMENTS
A	S	M	E	P							L	W	H			
CITY BAND STORAGE																
●						11051	CABINET, FILE STORAGE	$0	8	$0	30"	27 3/4"	33 1/2"	HDR	OF/OI	
									8	$0						
CASTING STORAGE																
●	●					1535	RACK, PALLET, EIGHT FOOT, TWO TIER	$1,100	3	$3,300	102"	48"	96"	HDR	CF/CI	
●	●					1537	RACK, PALLET, TWELVE FOOT, TWO TIER	$2,000	8	$16,000	150"	48"	120"	HDR	CF/CI	
									11	$19,300						
REC STORAGE																
						14521	RACK, BULK STORAGE	$0	22	$0	72"	20"	67"	OWNER	OF/OI	
									22	$0						
PALLET STORAGE																
●	●					1537	RACK, PALLET, TWELVE FOOT, TWO TIER	$2,000	13	$26,000	150"	48"	120"	HDR	CF/CI	
									13	$26,000						
WASH EQUIPMENT																
●	●	✲	●	●		3718	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM	$22,000	2	$44,000	47 1/2"	21"	51"	HDR	CF/CI	
									2	$44,000						
BRINE ROOM																
●	●					1535	RACK, PALLET, EIGHT FOOT, TWO TIER	$1,100	3	$3,300	102"	48"	96"	HDR	CF/CI	
						7250	SYSTEM, BRINE MAKING AND STORAGE	$200,000	1	$200,000	960"	276"	144"	HDR	CF/CI	
●	●		●			8020	COMPRESSOR, AIR, RECIPROCATING, 5 HP, VERTICAL RECEIVER	$8,900	1	$8,900	35"	34 1/2"	76 1/2"	HDR	CF/CI	
●	●	●	●	●		8510	DRYER, AIR, REFRIGERATED, NON-CYCLING, 75 CFM	$8,100	1	$8,100	32 1/4"	14 1/4"	23 3/4"	HDR	CF/CI	
									6	$220,300						
WASH BAY																
●	●					1381	PLATFORM, WORK, FIBERGLASS	$14,500	2	$29,000	558"	48"	120"	HDR	CF/CI	
									2	$29,000						
FUEL ISLAND																
●	●		●			7015	CABINET, STORAGE, HEATED (DEF) WITH DISPENSER	$25,000	1	$25,000	50"	83"	99"	HDR	CF/CI	
									1	$25,000						
									65	$363,600						

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EQUIPMENT LIST TOTALS

FURNISH INSTALL	EQUIPMENT COST	ESTIMATED INSTALL	TOTAL COST
CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	$2,385,004.00	$954,001.60	$3,339,005.60
OWNER FURNISHED/OWNER INSTALLED	$5,800.00	$580.00	$6,380.00
Grand total	$2,390,804.00	$954,581.60	$3,345,385.60

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8404 Indian Hills Drive
Omaha, NE 68114-4098
402.399.1000

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We practice increased use of sustainable materials and reduction of material use.

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CITY OF ROSEVILLE MAINTENANCE AND OPERATIONS CENTER - SOUTH

WOODHILL DRIVE
ROSEVILLE, MN 55113

RENDERING IMAGE

PROJECT TEAM

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ROSEVILLE, MN
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PHONE: (303) 318-6331
CONTACT: JACKSON REX
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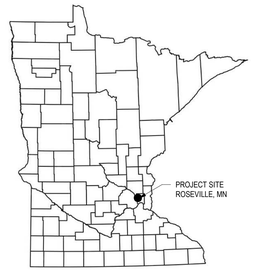
ARCHITECT
LHB, INC.
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PHONE: (612) 338-2029
CONTACT: GREGG CURTIS
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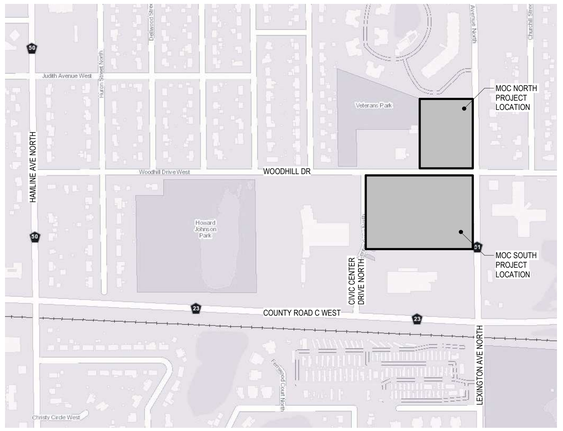
MECHANICAL ENGINEER
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MINNEAPOLIS, MN 55401
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PHONE: (612) 338-2029
CONTACT: JAKE MELBOSTAD
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JAKE.MELBOSTAD@LHBCORP.COM

STATE MAP



LOCATION MAP



MAP DATA ©2026 RAMSEY COUNTY GIS

SHEET INDEX

GENERAL

#	SHEET NAME	SD	DD	CD
G001	PROJECT TITLE SHEET	●		
G004	CODE PLAN	●		

CIVIL

#	SHEET NAME	SD	DD	CD
C101	REMOVALS & INITIAL EROSION CONTROL PLAN	●		
C201	UTILITY PLAN	●		
C301	GRADING PLAN	●		
C401	SURFACING & LAYOUT PLAN	●		

LANDSCAPE ARCHITECTURE

#	SHEET NAME	SD	DD	CD
L100	TREE PRESERVATION PLAN	●		
L101	LANDSCAPE PLAN	●		
L500	TREE PROTECTION DETAILS	●		
L501	LANDSCAPE DETAILS	●		

ARCHITECTURAL

#	SHEET NAME	SD	DD	CD
A101	OVERALL FLOOR PLAN	●		
A101A	FLOOR PLAN -AREA A	●		
A101B	FLOOR PLAN -AREA B	●		
A101C	FLOOR PLAN -AREA C	●		
A101D	FLOOR PLAN -AREA D	●		
A102	FLOOR PLAN - MEZZANINES	●		
A111	ROOF PLAN	●		
A201	OVERALL EXTERIOR ELEVATIONS	●		
A301	BUILDING SECTIONS	●		

EQUIPMENT

#	SHEET NAME	SD	DD	CD
Q001	EQUIPMENT ABBREVIATIONS, NOTES & SYMBOLS			
Q101	OVERALL EQUIPMENT PLAN - SOUTH MOC			
Q101A	EQUIPMENT PLAN - SOUTH MOC - AREA A			
Q101B	EQUIPMENT PLAN - SOUTH MOC - AREA B			
Q101C	EQUIPMENT PLAN - SOUTH MOC - AREA C			
Q101D	EQUIPMENT PLAN - SOUTH MOC - AREA D			
Q102	OVERALL EQUIPMENT PLAN - OVERHEAD - SOUTH MOC			
Q102A	EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA A			
Q102B	EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA B			
Q102C	EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA C			
Q102D	EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA D			
Q301	EQUIPMENT SECTION - HEAVY DUTY BAY & VEHICLE REPAIR SHOP SECTION			
Q401	EQUIPMENT ENLARGED PLAN - FLUID/COMPRESSOR ROOM			
Q601	EQUIPMENT SCHEDULES			
Q602	EQUIPMENT SCHEDULES			

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CLIENT:
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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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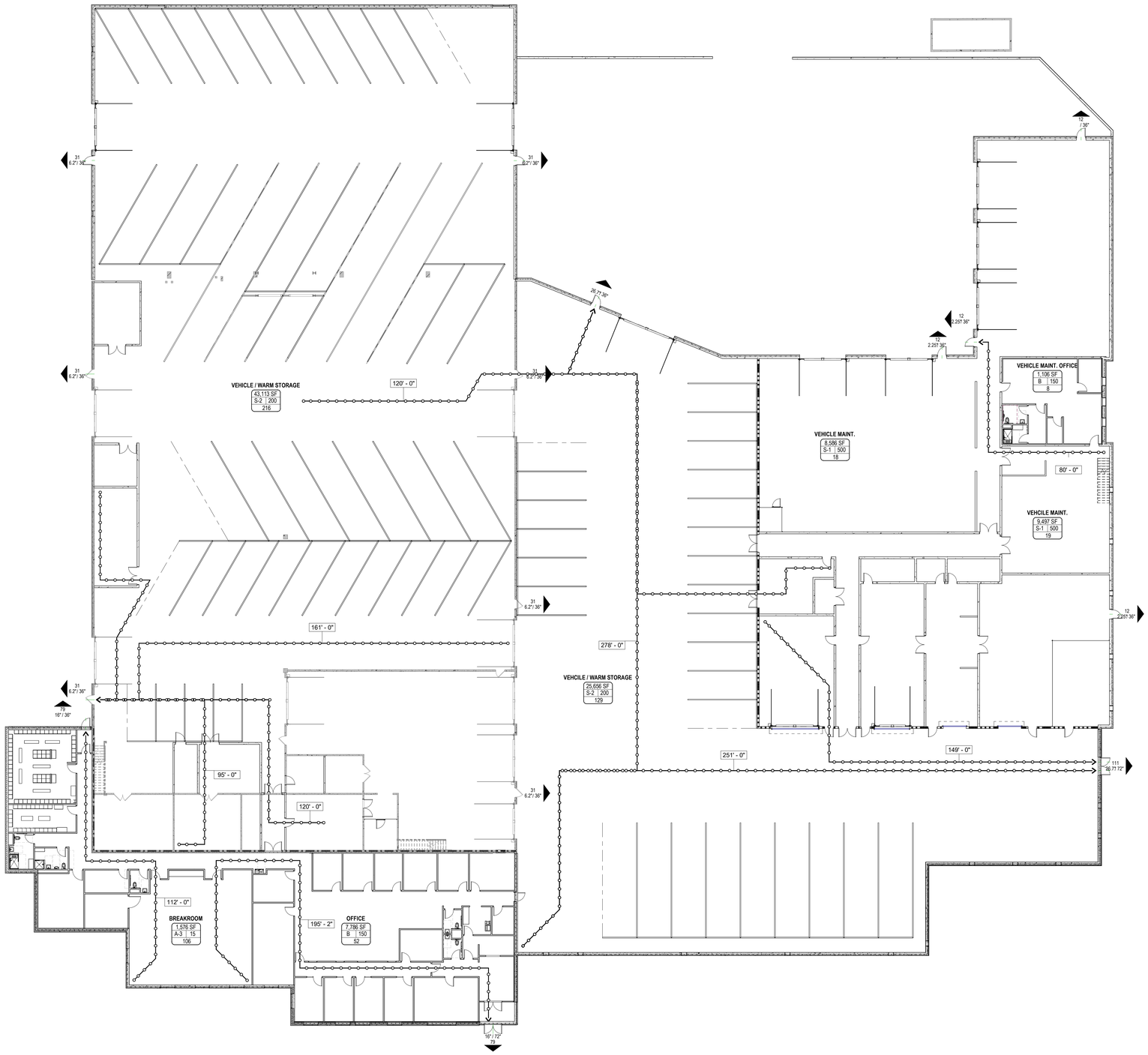
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
PROJECT TITLE SHEET

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **G001**

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GENERAL CODE / LIFE SAFETY NOTES

A. SPECIAL INSPECTIONS AS IDENTIFIED BY IBC CHAPTER 17 ARE NOT REQUIRED FOR THIS PROJECT.

B. REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGN LOCATIONS.

CODE LEGEND

CODE OCCUPANCY TAG

PARKING — OCCUPANCY DESCRIPTION
1,500 GSF — SQUARE FOOTAGE
S-2 300 — OCCUPANT LOAD FACTOR
5 — BUILDING/AREA OCCUPANCY CLASSIFICATION
OCCUPANT LOAD

EXIT TAG

100 — OCCUPANTS
24" / 36" — PROVIDED EXIT WIDTH / REQUIRED EXIT WIDTH
INDICATES EGRESS EXIT

TRAVEL DISTANCE PATH

EXIT ACCESS TRAVEL DISTANCE
COMMON PATH OF TRAVEL DISTANCE
DEAD END CORRIDOR DISTANCE

EXIT SIGNAGE

EXIT SIGN (CEILING MOUNTED)
EXIT SIGN (WALL MOUNTED)
EMERGENCY BATTERY LIGHT
REMOTE EMERGENCY BATTERY LIGHT

FIRE RATING KEY

1hFP — WALL RATING

FIRE SEPARATION CATEGORY
FP FIRE PARTITION
FB FIRE BARRIER
FW FIRE WALL
SW SHAFT WALL (FIRE BARRIER)
SP SMOKE PARTITION
SB SMOKE BARRIER
** STRUCTURAL PROTECTION REQUIRED BY TABLE 602.1.; SEE NOTE BELOW

MNBC 602.1 .."WHERE REQUIRED TO HAVE A *FIRE-RESISTANCE* RATING BY TABLE 601, BUILDING ELEMENTS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTION 703.2. THE PROTECTION OF OPENINGS, DUCTS AND AIR TRANSFER OPENINGS IN BUILDING ELEMENTS SHALL NOT BE REQUIRED UNLESS REQUIRED BY OTHER PROVISIONS OF THIS CODE."

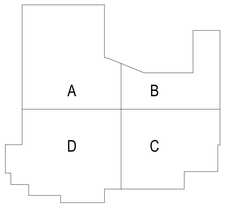
A1 G004 LEVEL 1
1/16" = 1'-0"

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CLIENT:
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2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

KEYPLAN



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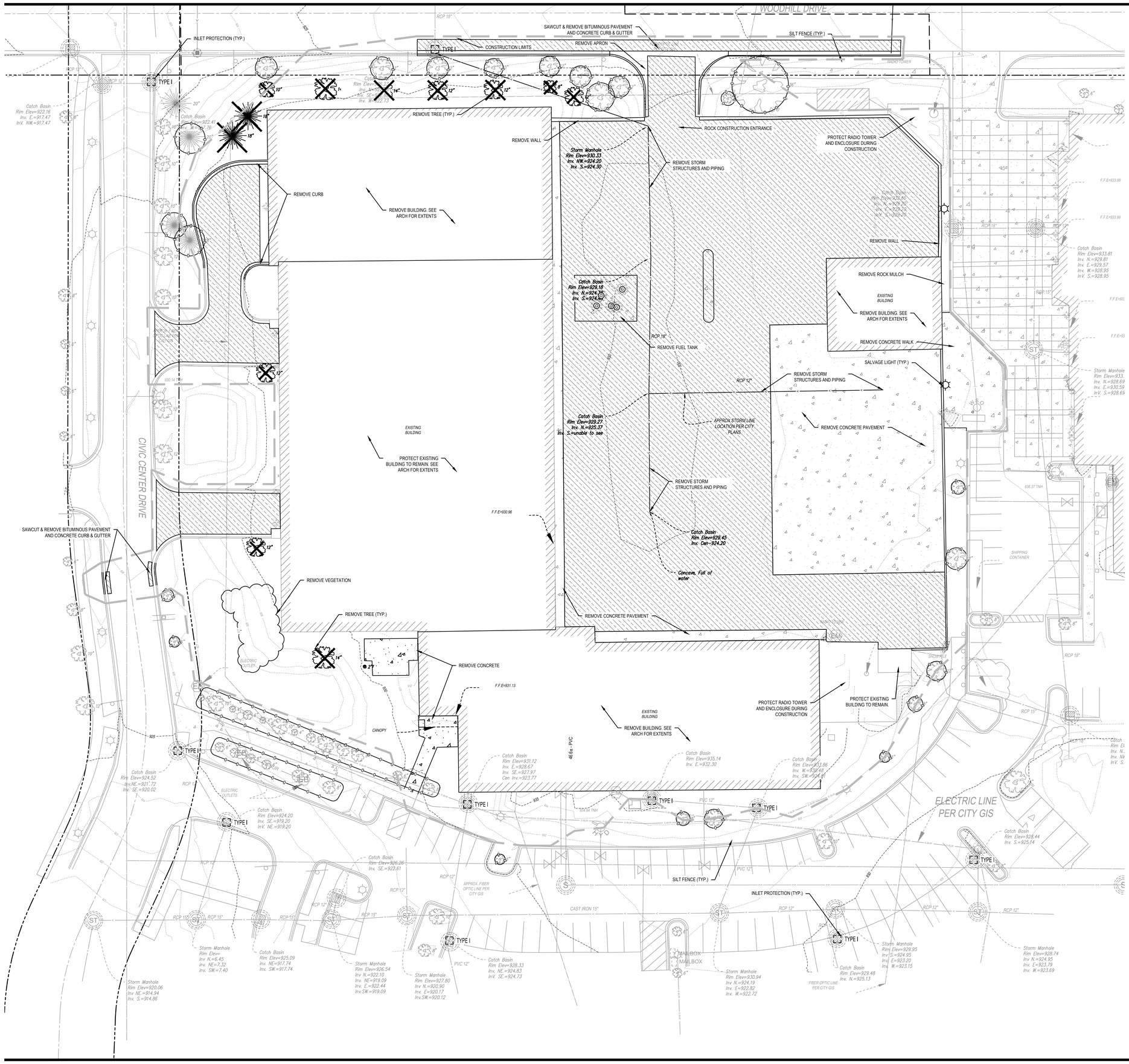
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
CODE PLAN

DRAWN BY: MC/C
CHECKED BY: MST
PROJ. NO.: 250485
DRAWING NO: G004

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LEGEND

- CONSTRUCTION LIMITS
- ROCK CONSTRUCTION ENTRANCE, SEE X/C501
- SILT FENCE, SEE X/C501
- TYPE I — INLET PROTECTION, SEE X/C501
- TREE PROTECTION, SEE X/C501
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE
- CLEAR & GRUB
- REMOVE TREE

GENERAL NOTES

1. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL WORK IN THE RIGHT-OF-WAY. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL WHILE WORKING WITHIN THE RIGHT-OF-WAY.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING. SEE PROJECT MANUAL FOR REQUIREMENTS.
3. THE CONTRACTOR SHALL VERIFY THE PROJECT LOCATION WITH SITE INTERFACES INCLUDING BUT NOT LIMITED TO UTILITIES, SIDEWALKS, EXISTING GRADES AND PROPOSED GRADES. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO EXECUTING THE WORK. NOTIFY THE ENGINEER IF FIELD CONDITIONS VARY FROM THE PLAN.
4. ALL BITUMINOUS AND CONCRETE REMOVAL LIMITS SHALL BE SAW CUT TO A NEAT LINE PRIOR TO PLACEMENT OF ANY NEW MATERIAL AGAINST EXISTING EDGES.
5. REMOVE ALL CONCRETE PAVEMENT, CONCRETE CURB AND CONCRETE CURB AND GUTTER TO NEAREST EXISTING JOINT. PARTIAL PANEL REPLACEMENT IS NOT PERMITTED. ANY PANEL DAMAGED DUE TO CONSTRUCTION ACTIVITIES SHALL BE FULLY REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
6. ALL EXISTING AND PROPOSED STRUCTURE ACCESS COVERS SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
7. THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING PAVEMENTS DESIGNATED TO REMAIN. ANY PAVEMENTS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

EROSION CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL ON THIS PROJECT. THE EROSION CONTROL DEVICES SHOWN IN THESE DRAWINGS ARE THE MINIMUM REQUIREMENTS. CONSTRUCT EROSION CONTROL DEVICES AS SHOWN AND AS NECESSARY TO PREVENT THE RUNOFF. TRACKING OR LOSS OF SOIL MATERIALS FROM DISTURBED AREAS ON THE PROJECT SITE.
2. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE ANY LAND IS OTHERWISE DISTURBED ON THE SITE.
3. THE SPECIFIED EROSION AND SEDIMENT CONTROL PRACTICES ARE THE MINIMUM. ADDITIONAL SEDIMENT CONTROL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.
4. PUBLIC AND PRIVATE DRIVES SHALL BE SWEPT CLEAR AS NEEDED TO KEEP THE PAVEMENT CLEAR OF SEDIMENT AND CONSTRUCTION DEBRIS.
5. REFER TO SHEET C102 FOR EROSION AND SEDIMENT CONTROL TO BE INSTALLED AFTER CONSTRUCTION OF SITE FEATURES.
6. CONTRACTOR TO LOCATE CONCRETE WASHOUT FACILITY ON SITE AND PROTECT SITE AND ADJACENT PROPERTY FROM CONCRETE WASHOUT RUNOFF.

WARNING

LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
CALL BEFORE DIGGING

MINNESOTA ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY MN STATUTE 216D

LHB
701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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NO	DATE	REVISION

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06/04/2026

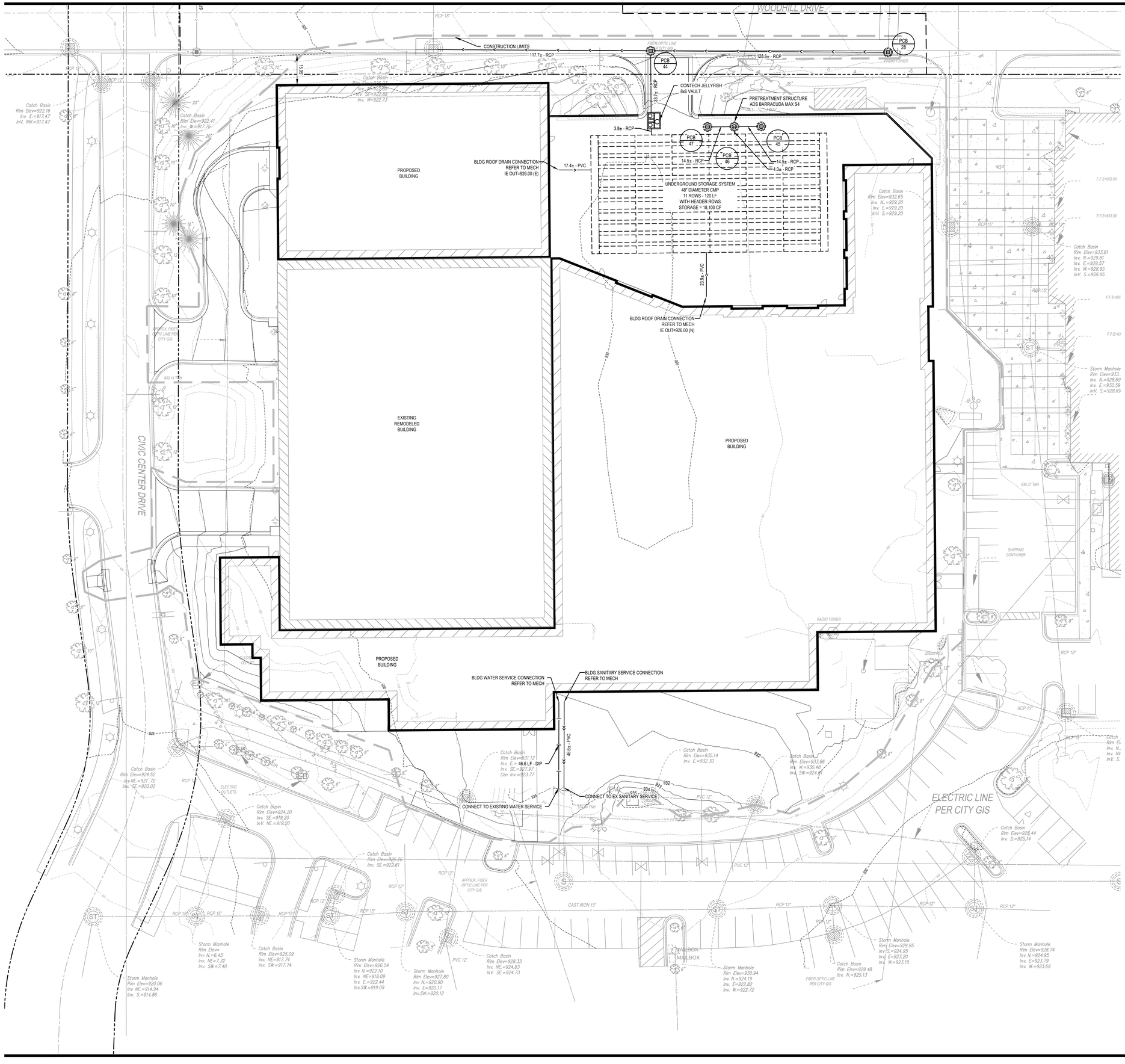
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
REMOVALS & INITIAL EROSION CONTROL PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 250485
DRAWING NO: **C101**

File Path: ...\250485000 Drawings\Civil\03 & ARE\250485.03 C101 Removals & ESC.dwg
Plot Date: 6/4/2026 4:15 PM



LEGEND

- CONSTRUCTION LIMITS
- STORM SEWER
- DRAINTILE
- CATCH BASIN
- STORM MANHOLE
- FLARED END SECTION
- PRECAST SPLASHBLOCK
- SPLASHBLOCK, SEE X/C50X
- BASIN CLEANOUT, SEE X/C50X
- RAIN GUARDIAN, SEE X/C50X
- TRENCH DRAIN
- DRAINTILE OUTLET, MNDOT 3131C
- SANITARY SEWER
- SANITARY MANHOLE
- CLEANOUT, SEE X/C50X
- WATER SERVICE
- GATE VALVE, SEE X/C50X
- CURBSTOP, SEE X/C50X
- HYDRANT, SEE X/C50X
- THRUST BLOCK, SEE X/C50X
- FIRE DEPARTMENT CONNECTION

GENERAL NOTES

1. EXISTING UTILITIES ARE BASED ON RECORD DRAWINGS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ENGINEER. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. UTILIZE THE "GOPHER STATE ONE CALL SYSTEM" (1-800-252-1166) TO HAVE PUBLIC UTILITIES LOCATED WITHIN THE CONSTRUCTION LIMITS. CONTACT THE OWNER TO LOCATE PRIVATE UTILITIES LOCATED WITHIN THE CONSTRUCTION LIMITS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS.
2. SITE LIGHTING IS SHOWN FOR LOCATION ONLY. REFER TO ELECTRICAL SITE PLAN FOR ELECTRICAL ROUTING AND ADDITIONAL REQUIREMENTS.
3. UNLESS OTHERWISE NOTED, ALL UTILITY TRENCHES SHALL BE CONSTRUCTED PER X/C50X. WATERMAIN SHALL BE CONSTRUCTED PER X/C50X.
4. ADJUST ALL RISERS AND CASTINGS TO FINISH GRADE.
5. PREVENT CONSTRUCTION SEDIMENT, DIRT & DEBRIS FROM ENTERING INFILTRATION BMPS.
6. TRACER WIRE SHALL BE INSTALLED PER X/C50X AND AND INDICATED IN THE PROJECT MANUAL SECTION 33 3113.
7. UTILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF CITY STANDARD SPECIFICATIONS AND DETAIL PLATES.

SEE C201 ALT FROM LCPDS SET FOR ALTERNATE STORM WATER IRRIGATION/REUSE OPTION TO BE PRICED.

PROVIDE SF PRICING FOR GREEN ROOF TO BE INSTALLED ON NEW BUILDINGS AS AN ALTERNATIVE TO UNDERGROUND STORAGE

WARNING

LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
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MINNESOTA
ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY
MN STATUTE 216D

LHB
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CLIENT:
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2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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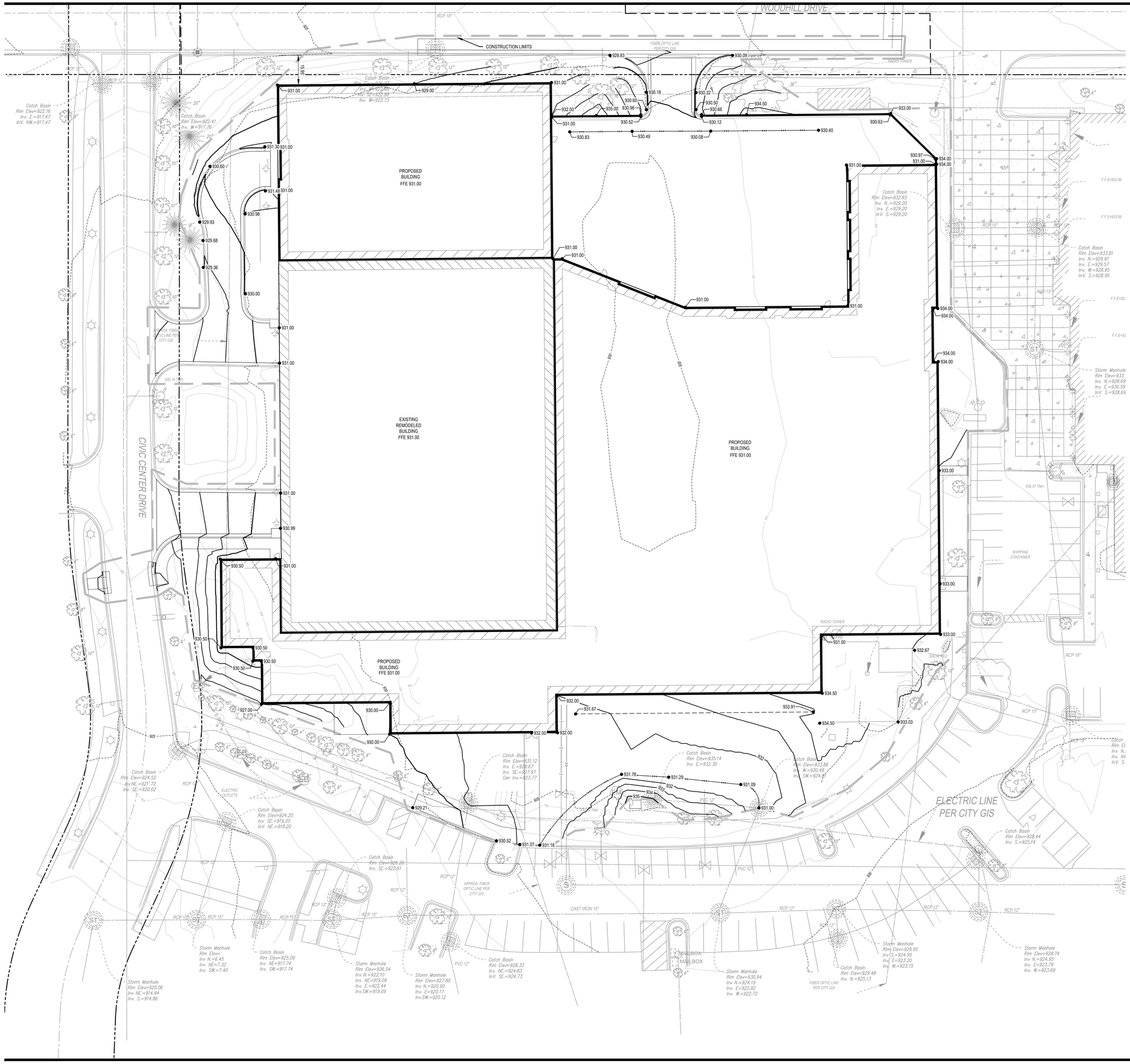
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
UTILITY PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 250485
DRAWING NO: **C201**

File Path: ...\250485000 Drawings\Civil\03 a REF\250485.03 C201 Utility Plan.dwg
Plot Date: 6/4/2026 4:15 PM



LEGEND

- CONSTRUCTION LIMITS
- MAJOR CONTOUR (5' INTERVAL)
- MINOR CONTOUR (1' INTERVAL)
- SLOPE ARROW
- 863.25 SPOT ELEVATION
- GRADE BREAK
- SWALE
- REVERSE GUTTER CURB
- ADA CRITICAL AREA 2% MAX IN ANY DIRECTION

ABBREVIATIONS

EO	EMERGENCY OVERFLOW
FFE	FIRST FLOOR ELEVATION
HWL	HIGH WATER LEVEL
HP	HIGH POINT
LP	LOW POINT
MP	MID POINT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PRC	POINT OF REVERSE CURVATURE
PR	POINT OF TANGENT
TBC	TOP BACK OF CURB
BC	BACK OF CURB
B/S	BOTTOM OF STAIRS
T/S	TOP OF STAIRS
B/W	BOTTOM OF WALL
T/W	TOP OF WALL

GENERAL NOTES

1. GRADES SHOWN ARE FINISH SURFACE ELEVATIONS UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL MAKE APPROPRIATE DEDUCTIONS FOR VARYING SURFACES TO DETERMINE SUBGRADE ELEVATIONS.
2. SPOT ELEVATIONS ALONG CURB LINES REPRESENT THE TOP BACK OF CURB UNLESS OTHERWISE NOTED.
3. UNLESS NOTED OTHERWISE, GRADES ADJACENT TO THE BUILDING WALL SHALL BE 8" BELOW FINISH FLOOR ELEVATION IN LANDSCAPED AREAS AND AT FINISH FLOOR ELEVATION FOR PAVED AREAS.
4. ALL EXISTING AND PROPOSED STRUCTURE ACCESS COVERS SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
5. CONTRACTOR SHALL STOP WORK IMMEDIATELY IN THE AFFECTED AREA AND NOTIFY THE OWNER IF CONTAMINANTS ARE FOUND IN THE EXISTING SOILS.
6. SIDEWALK CROSS-SLOPES SHALL NOT EXCEED 2.0%. CROSS-SLOPES OF AT LEAST 1.5% IN THE GENERAL DIRECTION OF THE OVERALL SITE SLOPE WILL BE ACHIEVED IN AREAS WHERE LONGITUDINAL SLOPES ARE LESS THAN 1.5%.
7. ONLY PLACE FILL MATERIALS ON COMPETENT, INSPECTED SUBGRADE.
8. IN AREAS WHERE NEW FILL IS TO BE PLACED ON SLOPING GROUND, BENCHING THE SURFACE SHALL BE COMPLETED PRIOR TO PLACING THE FILL. BENCHING SHALL BE COMPLETED WHERE SLOPES ARE STEEPER THAN 4:1 (HORIZONTAL:VERTICAL)
9. SEE SHEETS C101-102 FOR THE SEDIMENTATION AND EROSION CONTROL PLANS.
10. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREA. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS, AND MAINTAIN ALL EXISTING DRAINAGE PATTERNS.
11. REFER TO LANDSCAPE PLANS FOR AREAS TO RECEIVE PERMANENT SEED, SOD, TREES AND SHRUBS, ETC.
12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL MANHOLES STRUCTURES AND APPURTENANCES THAT FALL WITHIN THE LIMITS OF THIS CONTRACT. THE CONTRACTOR SHALL KEEP ALL SAID EXISTING UTILITIES AND THEIR APPURTENANCES FREE OF DEBRIS AND OPERABLE AT ALL TIMES DURING CONSTRUCTION.
13. ALL GRADE WITHIN THE LANDSCAPED AREAS SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL AND HAVE A MINIMUM GRADE OF 2%, UNLESS OTHERWISE NOTED. AROUND THE BUILDING SHALL BE GRADED AT 5% FOR 10'. GRADED SWALES MUST HAVE A MINIMUM BOTTOM SLOPE OF 2.0%.
14. PREVENT CONSTRUCTION SEDIMENT, DIRT AND DEBRIS FROM ENTERING ALL FILTRATION BMPS.

CAUTION!!!

EACH SUB CONTRACTOR SHALL VERIFY GRADES PRIOR TO INSTALLING ANY BUILDING ELEMENT. MAINTAIN ALL ACCESSIBLE ROUTES IN ACCORDANCE WITH THE MINNESOTA ACCESSIBILITY CODE. ADJUST GRADES AS NECESSARY FOR ANY FIELD CHANGES OR EXISTING CONDITIONS TO MAINTAIN ALL SLOPES BELOW CODE MAXIMUMS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. ANY PAVEMENTS OR WALKS INSTALLED OUTSIDE OF CODE PARAMETERS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.

WARNING

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CALL BEFORE DIGGING

MINNESOTA ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY MN STATUTE 216D

LHB
701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

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2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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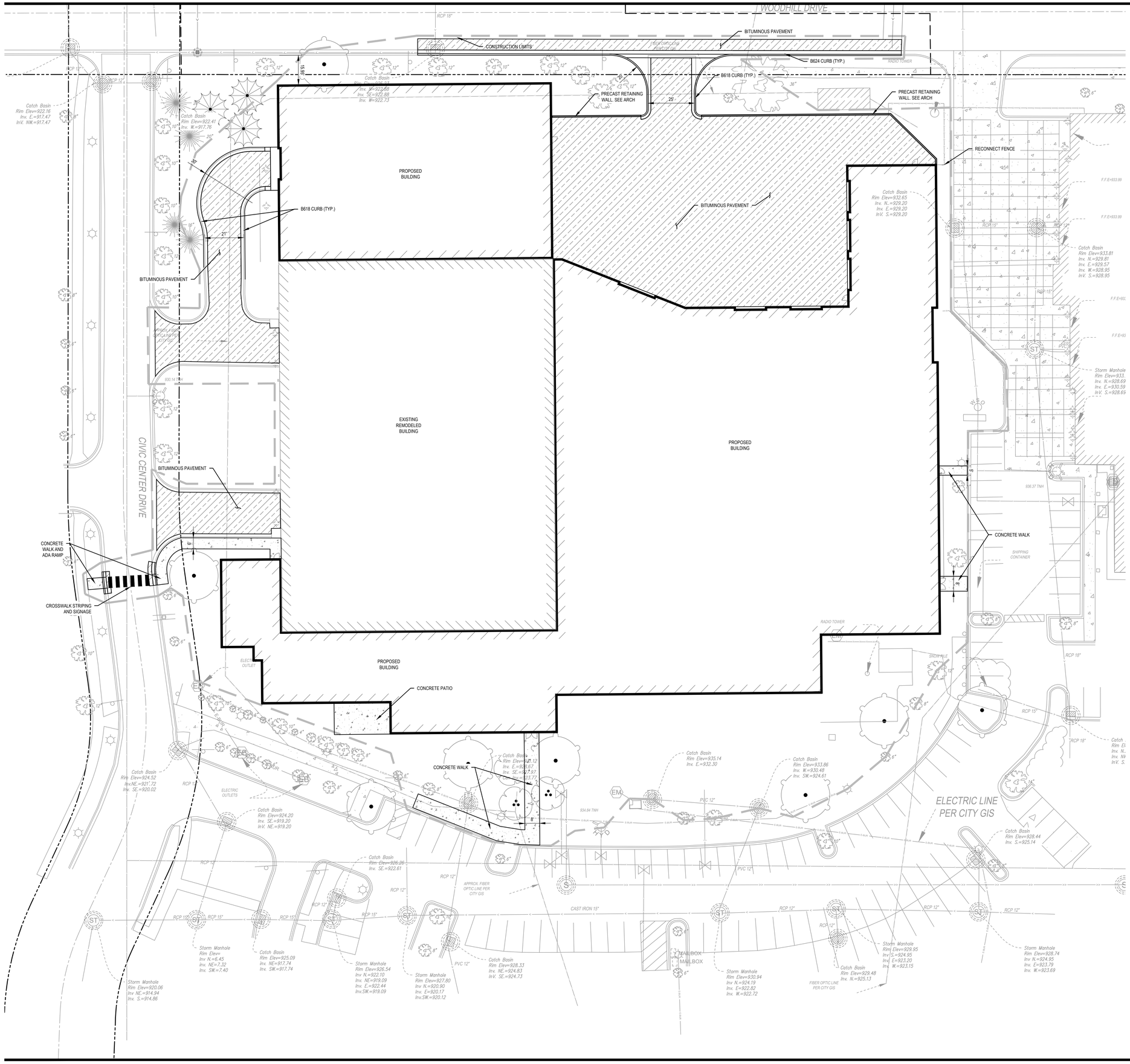
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
GRADING PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 250485
DRAWING NO: **C301**

File Path: ...\250485000 Drawings\Civil\03 S ARS\250485.03 C301 Grading Plan.dwg
Plot Date: 6/4/2026 4:15 PM



LEGEND

- CONSTRUCTION LIMITS
- HEAVY DUTY BITUMINOUS PAVEMENT. SEE 1/C502, INSET A
- CONCRETE PAVEMENT. SEE 1/C502, INSET B
- CONCRETE WALK. SEE 1/C502, INSET C
- REVERSE CURB & GUTTER
- SURFACING CONTROLLED BY OTHER DISCIPLINES
- LIGHT POLE, REFER TO ELECTRICAL

GENERAL NOTES

1. REFER TO C402 FOR SIGNAGE AND PAVEMENT STRIPING.
2. REFER TO L101 FOR PERMANENT TURF ESTABLISHMENT REQUIREMENTS.
3. SITE LIGHTING IS SHOWN FOR LOCATION ONLY. REFER TO ELECTRICAL FOR ADDITIONAL REQUIREMENTS.
4. PREVENT FORM DAMAGE ALL SURFACES OUTSIDE THE CONSTRUCTION LIMITS. RESTORE ALL DISTURBED AREAS DUE TO CONSTRUCTION ACTIVITIES TO PRE-CONSTRUCTION CONDITION UNLESS OTHERWISE NOTED IN THE DRAWINGS.
5. ADJUST ALL CASTINGS, VALVE BOXES AND JUNCTION BOXES TO FINISH GRADE.
6. PROVIDE BITUMINOUS TACK COAT BETWEEN PROPOSED BITUMINOUS PAVEMENTS AND ALL ADJACENT CONCRETE OR BITUMINOUS SURFACES.
7. PROVIDE BITUMINOUS TACK COAT BETWEEN THE WEARING AND NON-WEARING COURSES FOR ALL PROPOSED BITUMINOUS PAVEMENTS.

WARNING

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CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

THIS SQUARE APPEARS 1/2" x 1/2" ON FULL SIZE SHEETS

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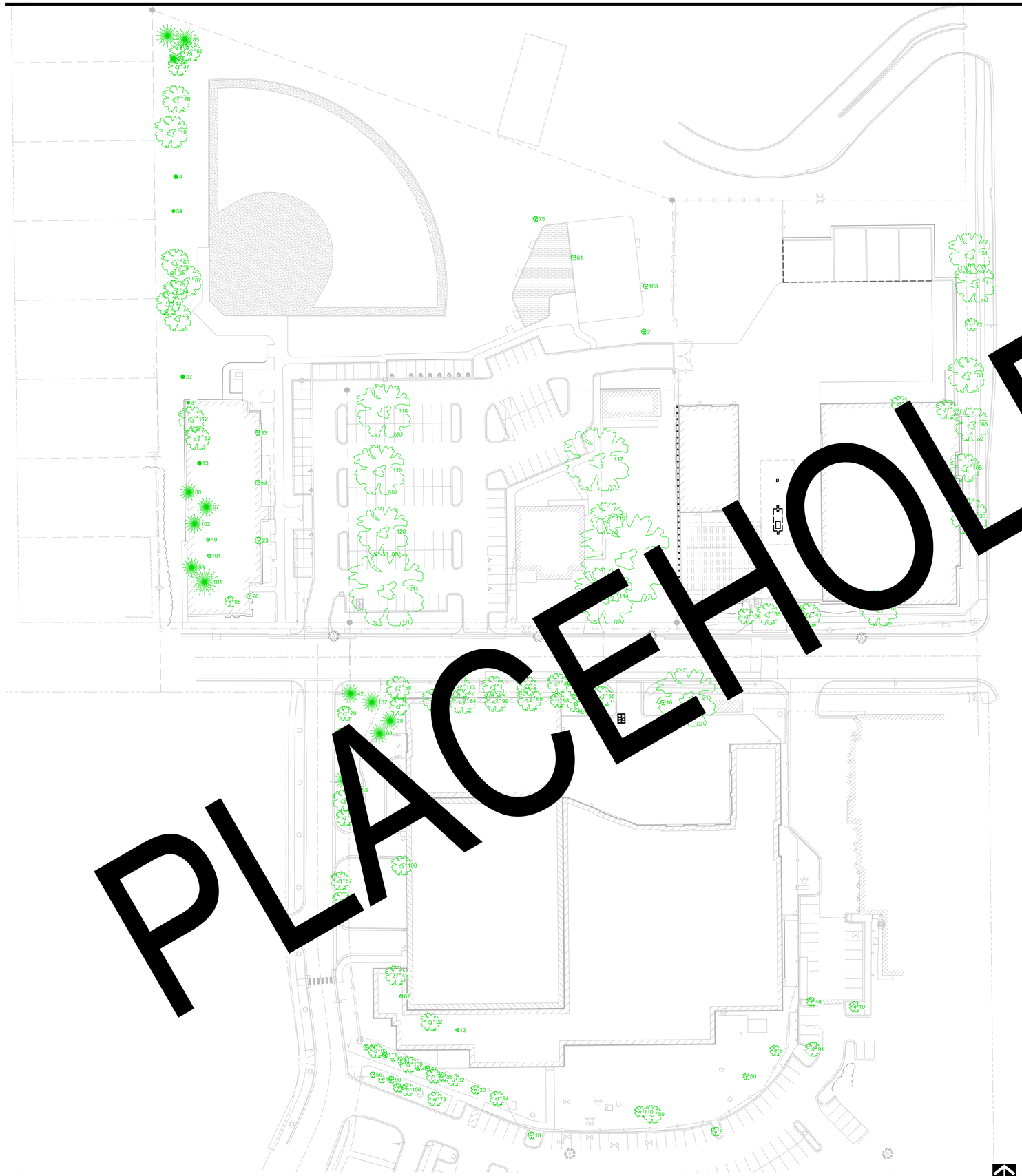
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
SURFACING & LAYOUT PLAN

DRAWN BY: DPG
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DRAWING NO: **C401**

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PLACEHOLDER

Tree #	Site	Classification	Species	DBH	Condition	Stems2	Status	Replacement
13	LPCDS	Exempt	Fir Balsam Abies balsamea	3	Good	1	Remove	0
23	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	4	Fair	1	Remove	0
26	LPCDS	Exempt	Lilac Japaneses Tree Syringa reticulata	3	Fair	1	Remove	0
27	LPCDS	Exempt	Spruce White Picea glauca	3	Good	1	Remove	0
31	LPCDS	Exempt	Spruce White Picea glauca	2	Fair	1	Remove	0
33	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1	Remove	0
49	LPCDS	Exempt	Serviceberry Amelanchier	2	Fair	Multi	Remove	0
52	LPCDS	Exempt	Ash Green Fraxinus pennsylvanica	13	Fair	1	Remove	0
53	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1	Remove	0
80	LPCDS	Common	Spruce White Picea glauca	10	Fair	1	Remove	0.5
88	LPCDS	Exempt	Spruce Colorado Picea pungens	7	Fair	1	Remove	0
96	LPCDS	Common	Lilac Japaneses Tree Syringa reticulata	10	Fair	1	Remove	0.5
97	LPCDS	Exempt	Spruce Colorado Picea pungens	11	Fair	1	Remove	0
101	LPCDS	Exempt	Spruce Colorado Picea pungens	16	Good	1	Remove	0
102	LPCDS	Common	Spruce White Picea glauca	11	Fair	1	Remove	0.5
104	LPCDS	Exempt	Serviceberry Amelanchier	2	Fair	Multi	Remove	0
112	LPCDS	Exempt	Ash Green Fraxinus pennsylvanica	14	Fair	1	Remove	0
99	MOC S	Significant	Honeylocust Thornless Gleditsia triacanthos inermis	18	Fair	1	Remove	1
100	MOC S	Common	Swamp White Quercus bicolor	11		1	Remove	0.5
106	MOC S	Common	Crabapple Malus sylvestris	7	Fair			
107	MOC S	Exempt	Spruce Colorado Picea	11	Good			
		Common	Crabapple M	9	Fair	1		
	MOC S	mon	macrocarpa		Fair	1		
111	MOC S		Malus sylvestris		Fair	1		
113	MOC S	Signi	Hone Thornless Gleditsia triacan	12	Fair	1	Remove	1
2	Veterans Park	Exempt	Buckeye Aesculus glab	3	Fair	1		
3	Veterans Park	Exempt	Ash Green	15	Poor	1		
	Veterans Park	Exempt	Fir Balsam Abie imea	3	Good	1		
	Veterans Park	Significant	Spruce White Picea glauca	13	Fair	1		
10	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	18	Poor	1		
24	Vet rans		Spruce White Picea glauca	6	Good	1		
34	P	Exempt	Ash Green Fraxinus pennsylvanica	13	Poor	1		
	Ve ns	Common	Mulberry, Black Morus nigra	10	Fair	1		
43	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	13	Poor	1		
54	Veterans Park	Exempt	Spruce White Picea glauca	2	Good	1		
56	Veterans Park	Common	Mulberry, Black Morus nigra	11	Fair	1		

1 TREE PRESERVATION PLAN
Scale: 1"=40'

0 20' 40' 80'

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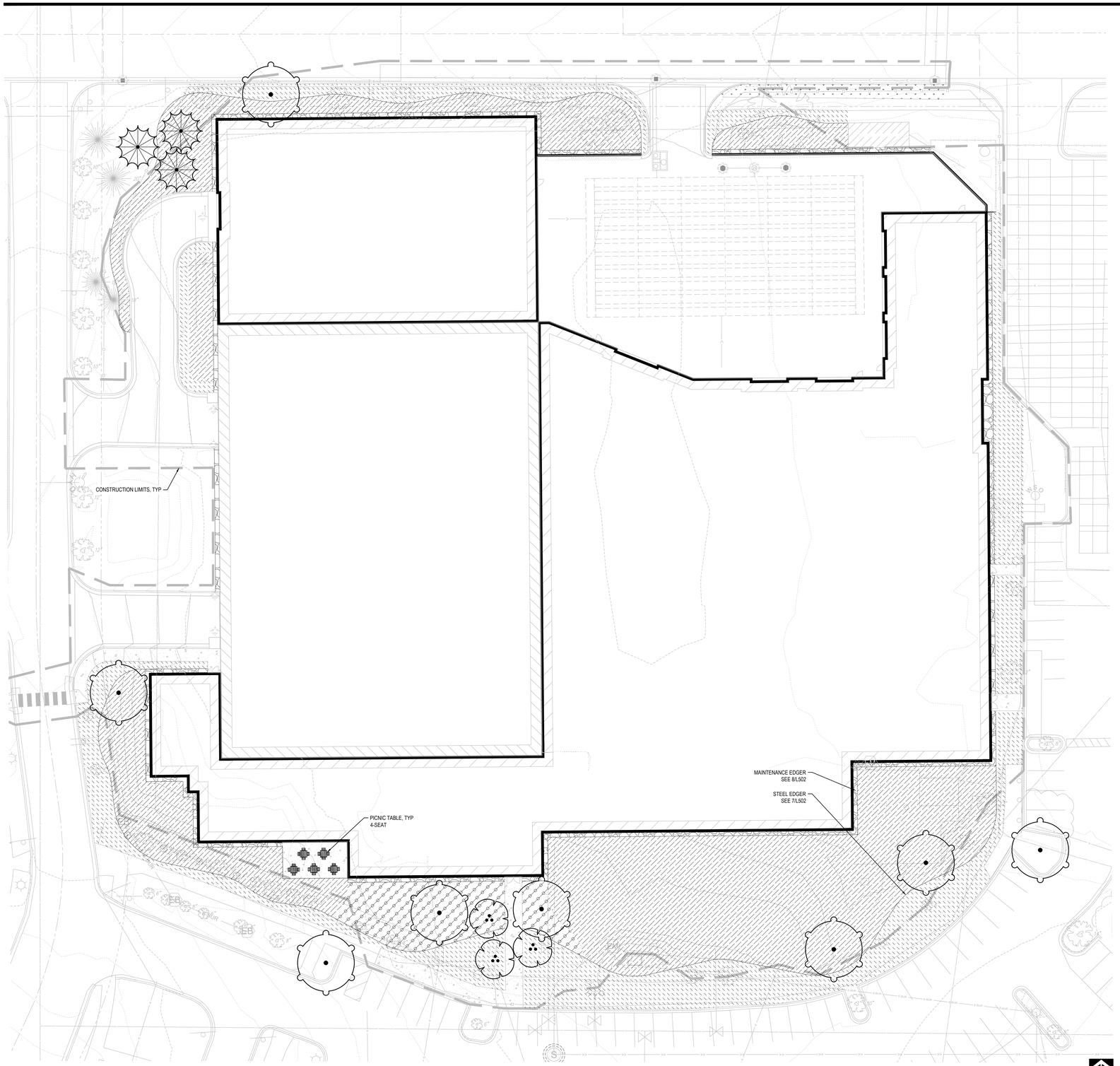
PROJECT NAME:
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ROSEVILLE, MN 55113

DRAWING TITLE:
TREE PRESERVATION PLAN

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DRAWING NO: L100

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1 LANDSCAPE PLAN
Scale: 1"=20'

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT
CONIFEROUS CANOPY TREE				
	CT	3	Coniferous Tree	6' HT
DECIDUOUS CANOPY TREE				
	DT	8	Deciduous Tree	3" B&B
ORNAMENTAL TREE				
	OT	3	Ornamental Tree	1 1/2" B&B
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	
GROUND COVERS				
	LS	648 sf	Lawn Sod	
	LM	11,717 sf	Low Maintenance Turf	
	ME	2,559 sf	Maintenance Edger	
	NSP	2,461 sf	Native Seed Mix / With Shrubs & Perennial Plugs 36" O.C. Assume plants are 10% #5 CONT shrubs, 40% #1 CONT perennials, and 50% 4" pots	
	NS	20,361 sf	Native Seed Mix	

LANDSCAPE NOTES

GENERAL LANDSCAPE NOTES:
1. THIS DRAWING DOES NOT CONSTITUTE AN OFFICIAL SURVEY OF THE SITE. CONFIRM ALL LOCATIONS OF SURFACE AND SUB-SURFACE FEATURES BEFORE BEGINNING INSTALLATION. ADVISE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
2. THE PLAN TAKES PRECEDENCE OVER THE PLANT SCHEDULE IF DISCREPANCIES EXIST. ADVISE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
3. CONFIRM ALL QUANTITIES, SHAPES, AND LOCATIONS OF LANDSCAPE AREAS, AND ADJUST TO CONFORM TO THE SITE CONDITIONS. CONFIRM ANY ADJUSTMENTS WITH THE LANDSCAPE ARCHITECT.
4. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH PLANT INSTALLATION.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL MULCHES AND SOIL QUANTITIES TO COMPLETE THE WORK SHOWN IN THE DRAWINGS. VERIFY ALL QUANTITIES SHOWN ON THE PLANT SCHEDULE.
   5.1. REFER TO SPECIFICATION SECTION 31 2323 FILL FOR SOIL TYPES AND REQUIREMENTS. DO NOT BEGIN PLANTING OPERATIONS IF SOIL CONDITIONS ARE NOT AS SPECIFIED.
   5.2. REFER TO SPECIFICATION SECTION 32 9300 FOR MULCH TYPES AND REQUIREMENTS.
6. LANDSCAPE BED AREAS TO CONTAIN SHRUBS AS SHOWN ON SHEET L102 AND HARDWOOD MULCH AND PLANTING SOIL AT DEPTHS IDENTIFIED IN DETAIL 4/LS01.
7. BASIN BOTTOM NATIVE SEED MIX AREAS TO CONTAIN PERENNIAL PLUG PLANTINGS AS OUTLINED IN DETAIL 7/L501. REFER TO CIVIL FOR REQUIRED SOIL DEPTHS FOR BIOFILTRATION BASINS.
8. REMOVE FROM THE SITE ALL TURF WHICH HAS BEEN REMOVED FOR NEW PLANT BEDS. LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE IS NOT ALLOWED.
9. STAKE TREE AND PLANTING BED LAYOUT IN-FIELD FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO PLANTING OPERATIONS

PROTECTIONS
10. PROTECT EXISTING TREES. DO NOT STORE OR DRIVE HEAVY MATERIALS OVER TREE ROOTS. DO NOT DAMAGE TREE BARK OR BRANCHES. REFER TO SHEET L500 FOR TREE PROTECTION REQUIREMENTS.
11. KEEP PAVEMENTS, FIXTURES AND BUILDINGS CLEAN AND UNSTAINED. ANY DAMAGE TO EXISTING FACILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. KEEP THE PROJECT SITE CLEAR OF CONSTRUCTION WASTES AND DEBRIS.
12. PROVIDE AND MAINTAIN INLET AND PERIMETER EROSION CONTROL BMPS AS SPECIFIED ON CIVIL SHEETS.
13. ALL AREAS OF THE SITE DISTURBED BY CONSTRUCTION WILL BE RESTORED WITH SEED OR SOD UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS FOR TURF RESTORATION REQUIREMENTS.

PLANT MATERIAL
14. PLANT TREE ROOT BALLS FLUSH WITH FINAL GRADE AND THE TOP OF ROOT FLARE EXPOSED, PER PLANTING DETAILS.
15. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
16. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY.
17. ALL PLANTING STOCK SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK", ANSI-Z60. LATEST EDITION, OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
18. HEEL IN AND WATER ANY PLANT STOCK NOT PLANTED WITHIN 24 HOURS OF DELIVERY UNTIL INSTALLATION. PLANTS NOT MAINTAINED IN THIS MANNER WILL BE REJECTED.
19. REFER TO SPECIFICATIONS FOR WARRANTY REQUIREMENTS AND OTHER PLANTING ACCESSORIES.

MAINTENANCE AND CARE
20. BEGIN PLANT MAINTENANCE IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE.
21. MAINTENANCE INCLUDES WATERING, WEEDING, MULCHING, REMOVAL OF DEAD MATERIAL PRIOR TO GROWING SEASON, RE-SETTING PLANTS AND PROPER GRADE, AND KEEPING PLANTS IN A PLUMB POSITION.
22. REFER TO SPECIFICATIONS FOR FULL INSPECTION, MAINTENANCE, AND WARRANTY REQUIREMENTS.

IRRIGATION
23. CONTRACTOR TO PROVIDE DESIGN-BUILD IRRIGATION SERVICES TO IRRIGATE ALL LANDSCAPE BEDS, SODDED, AND SEEDED AREAS.
24. DESIGN FOR IRRIGATED AREAS MUST BE SUBMITTED AND APPROVED BY OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH OWNER ON FINAL PRODUCT SELECTION. AS-BUILT DOCUMENTATION WILL BE REQUIRED.

SITE FURNISHINGS
25. INCLUDE PRICING FOR FOUR BIKE RACKS AND ASSOCIATED CONCRETE PAD.

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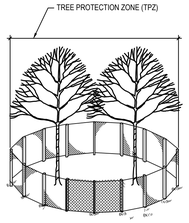
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ROSEVILLE MOC SOUTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
LANDSCAPE PLAN

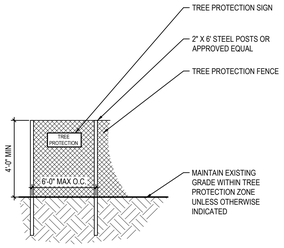
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PROJ. NO: 25485
DRAWING NO: L101

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Plot Date: 6/4/2026 5:59 PM

NOTES:
1. **CONDUCT MANDATORY TREE PROTECTION SITE WALK WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START TO DETERMINE TREE PROTECTION ZONE (TPZ) EXTENTS.** ***(OPTIONAL - PM AND LA TO MAKE DETERMINATION IF PROJECT WARRANTS THIS LEVEL OF INVOLVEMENT)***
2. FURNISH AND INSTALL TREE PROTECTION FENCE AT THE ESTABLISHED TPZ EXTENTS PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. AS A STARTING POINT, THE LIMITS OF THE TPZ IS TO BE MEASURED AS A RADIUS FROM THE TREE'S TRUNK AND EQUAL TO THE GREATEST OF THE FOLLOWING:
   3.1. 5'-0".
   3.2. IN LINE WITH THE TREE'S DRIPLINE.
   3.3. A RADIUS OF 1' FOR EVERY 1" OF TRUNK MEASURED AT 4.5 FEET ABOVE GRADE.
   3.4. 3'-0" BEYOND THE LOWEST BRANCH OF A CONIFER OR ANY LOW BRANCHING TREE SPECIES.
4. WHEN POSSIBLE, PLACE FENCE 25' BEYOND MEASURED TPZ.
5. PLACE TREE PROTECTION SIGNS (11"X17" LAMINATED) ALONG FENCE AT 50' INTERVALS.
6. TREE PROTECTION FENCE MUST BE MAINTAINED UNTIL COMPLETION OF WORK.
7. NO STORAGE OF MATERIALS OR OPERATION OF EQUIPMENT MAY TAKE PLACE INSIDE OF THE TREE PROTECTION ZONE.
8. THE TREE PROTECTION FENCE MAY BE EITHER A CHAINLINK FENCE OR HIGH DENSITY POLYETHYLENE FENCING WITH 3.5" X 1.5" OPENINGS, COLOR TO BE ORANGE OR APPROVED EQUAL.
9. IF CONSTRUCTION VEHICLES MUST PASS WITHIN TPZ, SEE ROOT PROTECTION DETAIL 2/L500.
10. IF TREE DAMAGE OCCURS DUE TO CONSTRUCTION OPERATIONS, CONTRACTOR IS RESPONSIBLE FOR HIRING AN ABORIST TO ASSESS AND TREAT DAMAGED TREES AT NO EXPENSE TO THE OWNER.



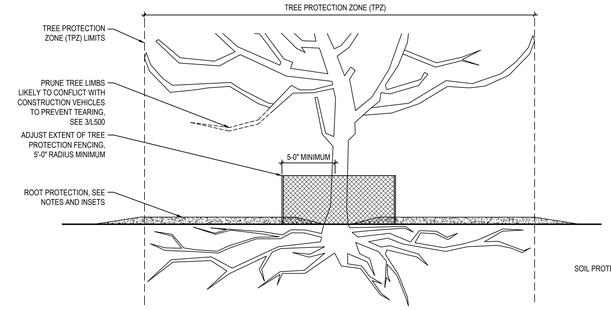
SIDE VIEW

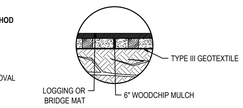


POST AND FENCE DETAIL

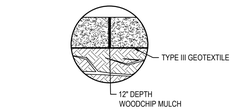
1 TREE PROTECTION ZONE (TPZ), TYPICAL
NOT TO SCALE

NOTES:
1. IF CONSTRUCTION VEHICLES MUST PASS THROUGH A TREE PROTECTION ZONE, **THE CONTRACTOR MUST PROPOSE A TEMPORARY PROTECTION METHOD FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO WORK PROCEEDING**.
2. AT A MINIMUM, THE PROTECTION METHOD IS TO INCLUDE EITHER:
   2.1. CONSTRUCTION OF ROOT SYSTEM BRIDGES WITH LOGGING OR BRIDGE MAT OVER 6" WOODCHIP MULCH, SEE INSET A.
   2.2. PLACEMENT OF A 12" LAYER OF WOODCHIP MULCH OVER A TYPE III GEOTEXTILE (MnDOT 3733), SEE INSET B.
   2.3. PLACEMENT OF SOIL PROTECTION MATS, SEE INSET C.
   2.4. OR OTHER INTERNATIONAL SOCIETY OF ARBORISTS (ISA) BEST MANAGEMENT PRACTICE FOR SOIL AND ROOT PROTECTION METHOD WITH APPROVAL BY LANDSCAPE ARCHITECT.
3. TEMPORARILY SHIFT TPZ FENCING TO DEFINE WORK AREA AND PROTECT TREE.
4. IMPLEMENT AGREED UPON ROOT PROTECTION SYSTEM WITHIN THE TPZ.
5. MAINTAIN A 4'-6" LAYER OF WOODCHIP MULCH UNDER THE REST OF THE TREE PROTECTION ZONE (TPZ) AREA TO CONSERVE MOISTURE.
6. IMMEDIATELY RE-ESTABLISH TREE PROTECTION FENCING AT LIMITS OF TPZ UPON COMPLETION OF CONSTRUCTION ACTIVITY WITHIN THE TPZ.

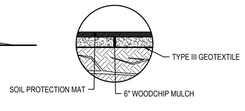




INSET A
ROOT SYSTEM BRIDGE

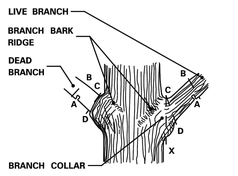


INSET B
WOODCHIP MULCH

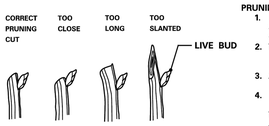


INSET C
SOIL PROTECTION MATS

2 ROOT PROTECTION FOR WORK WITHIN THE TPZ
NOT TO SCALE



BRANCHES PRUNED AT TRUNK
(SHIGO METHOD)



BRANCHES PRUNED TO LIVE BUD

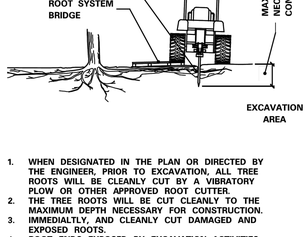
STEPS TO PRUNING WITH PRUNING SAW:
1. **CUT PART WAY THROUGH THE BRANCH AT POINT A.**
2. **CUT COMPLETELY THROUGH BRANCH FROM POINT B TO A.**
3. **AT BRANCH COLLAR CUT FROM POINT C TO D.**

INCORRECT CUT FROM POINT C TO X (TOO CLOSE) WILL RESULT IN DISCONTINUOUS CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

CORRECT CUT FROM POINT C TO D (LEAVING BRANCH COLLAR BUT NOT THE STUB FROM POINT B TO A) WILL RESULT IN CONTINUOUS DOUGHNUT SHAPED CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

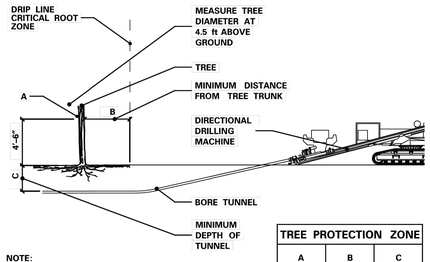
PRUNING NOTES:
1. **PRUNE USING CLEAN AND SHARP SCISSOR-TYPE PRUNER OR PRUNING SAW.**
2. **THE BEST TIME TO PRUNE IS LATE DORMANT SEASON OR EARLY SPRING.**
3. **AVOID PRUNING OAKS IN APRIL, MAY, JUNE OR JULY.**
4. **IF PRUNING IS NECESSARY OR IF WOUNDS OCCUR TO OAK TREES IN APRIL, MAY, JUNE OR JULY, IMMEDIATELY PAINT CUT SURFACE OR WOUND WITH LATEX PAINT OR SHELLAC.**

3 PRUNING (MnDOT 2571.3K2A9 and 2571.3E1)
NOT TO SCALE



1. **WHEN DESIGNATED IN THE PLAN OR DIRECTED BY THE ENGINEER, PRIOR TO EXCAVATION, ALL TREE ROOTS WILL BE CLEANLY CUT BY A VIBRATORY PLOW OR OTHER APPROVED ROOT CUTTER.**
2. **THE TREE ROOTS WILL BE CUT CLEANLY TO THE MAXIMUM DEPTH NECESSARY FOR CONSTRUCTION.**
3. **IMMEDIATELY, AND CLEANLY CUT DAMAGED AND EXPOSED ROOTS.**
4. **ROOT ENDS EXPOSED BY EXCAVATION ACTIVITIES SHALL BE IMMEDIATELY COVERED WITH A 6" LAYER OF ADJACENT SOIL.**

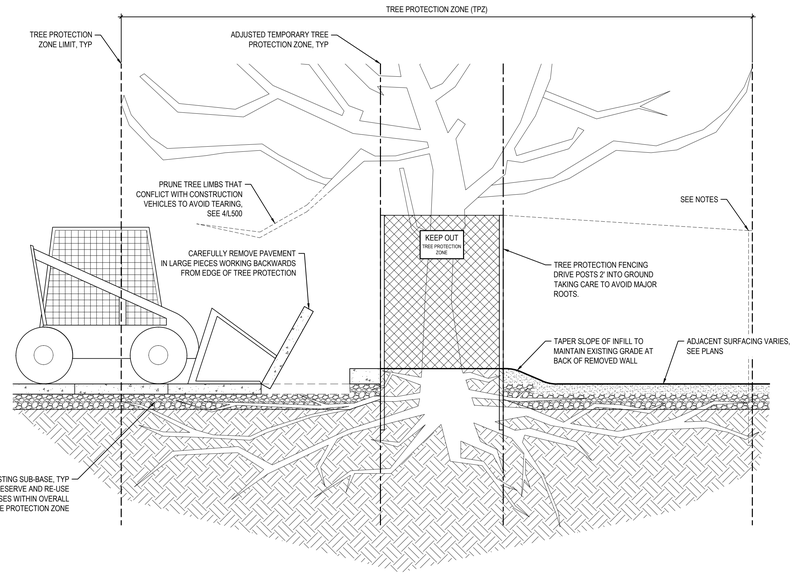
4 CLEAN ROOT CUTTING (MnDOT 2572.3A2)
NOT TO SCALE



NOTE:
1. **(A) IS THE DIAMETER OF TREES MEASURED 4-6 FEET ABOVE THE GROUND AND IS TERMED THE "DIAMETER AT BREAST HEIGHT," (DBH).**
2. **USING A TREE DIAMETER TAPE, WRAP THE TAPE AROUND THE GIRTH OF THE TREE, AT THE DBH, BEING CAREFUL NOT TO TWIST THE TAPE.**

TREE PROTECTION ZONE		
A	B	C
< 2"	2'	2'
2–4"	4'	2.5'
> 4–9"	6'	2.5'
> 9–14"	10'	3'
> 14–19"	12'	3.25'
> 19"	15'	4'

5 UTILITY CONSTRUCTION (MnDOT 2572.3A5)
NOTES:
1. **MOVE TEMPORARY TREE PROTECTION FENCING TO TREE PROTECTION ZONE (TPZ) LIMITS IMMEDIATELY UPON COMPLETION OF CONSTRUCTION ACTIVITY WITHIN TPZ.**



6 ROOT PROTECTION FOR CURB REMOVAL WITHIN TREE PROTECTION ZONE
NOT TO SCALE

LHB
701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

CLIENT:

ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:

HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

THIS SQUARE APPEARS 1/2" x 1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
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NO	DATE	REVISION

PRELIMINARY
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06/04/2026

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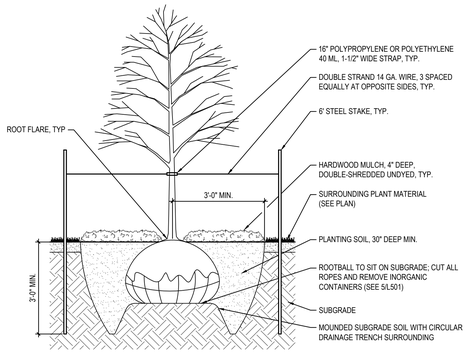
PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
TREE PROTECTION DETAILS

DRAWN BY: XXX
CHECKED BY: XXX
PROJ. NO: 25485
DRAWING NO: **L500**

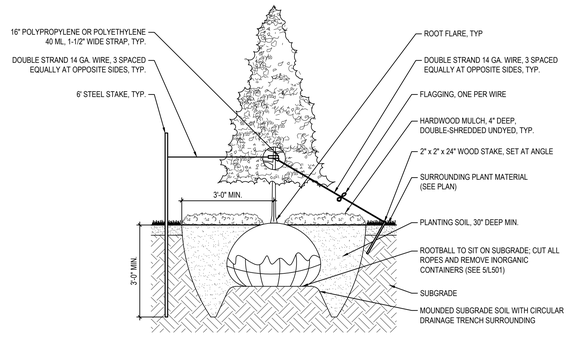
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Plot Date: 6/4/2026 5:02 PM

NOTES:
1. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.
2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
3. DO NOT PLANT TOO DEEP; EXPOSE TOP OF ROOT FLARE 1" ABOVE FINAL GRADE AND PULL MULCH AWAY FROM TRUNK.



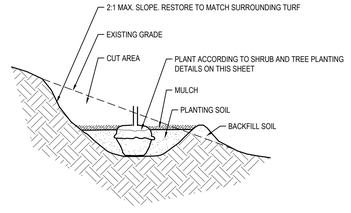
1 DECIDUOUS TREE
NOT TO SCALE

NOTES:
1. CONIFER TO HAVE SHREDDED HARDWOOD MULCH UNLESS NOTED OTHERWISE. NO MULCH SHALL BE IN CONTACT WITH TRUNK.
2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
3. TWO ALTERNATE METHODS OF TREE STAKING ARE ILLUSTRATED.
4. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.
5. DO NOT PLANT TOO DEEP; EXPOSE TOP OF ROOT FLARE 1" ABOVE FINAL GRADE AND PULL MULCH AWAY FROM TRUNK.



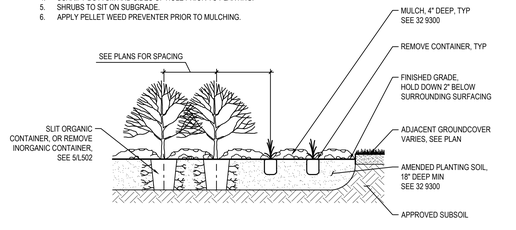
2 CONIFEROUS TREE
NOT TO SCALE

NOTE:
1. EXTEND EXCAVATION AND BACKFILL SOIL TO A POINT DOWNSLOPE EQUAL TO OR LOWER IN ELEVATION THAN THE BOTTOM OF THE HOLE DIRECTLY BENEATH THE PLANT TO ENSURE ADEQUATE DRAINAGE IN HEAVY SOILS. GRANULAR SOIL MUST BE ADDED AS BACKFILL IN AREAS OF POOR DRAINAGE.



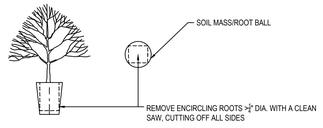
3 TREE ON A SLOPE
NOT TO SCALE

NOTES:
1. HAND LOOSEN ROOTS OF CONTAINERIZED MATERIAL (TYPICAL).
2. HAND REMOVE EXCESS SOIL AT TOP OF ROOT BALL TO EXPOSE TOP OF ROOT FLARE. TYPICALLY REQUIRES THE REMOVAL OF 1-6" OF SOIL FROM CONTAINER OR B&B.
3. ENSURE THAT FIRST MAIN LATERAL ROOT IS LESS THAN 1" BELOW THE FINAL PLANTING SURFACE.
4. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
5. SHRUBS TO SIT ON SUBGRADE.
6. APPLY PELLET WEED PREVENTER PRIOR TO MULCHING.



4 SHRUB & PERENNIAL PLANTING
NOT TO SCALE

NOTES:
1. FOR TREES, SHRUBS, AND PERENNIALS WITH INORGANIC CONTAINERS, FOLLOW THE "BOXING" PROCEDURE TO REMOVE ENCIRCLING ROOTS.
2. "BOXING" IS ONLY NECESSARY ON THE PLANTS THAT HAVE ENCRICLING ROOTS WITH DIAMETERS GREATER THAN ½"
3. HAND LOOSENING OF ROOTS IS STILL NECESSARY AFTER "BOXING" THE ROOT BALL (TYPICAL).

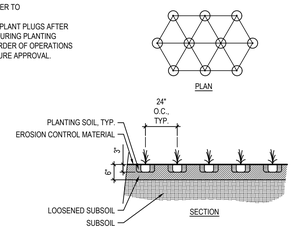


5 BOXING PROCEDURE FOR CONTAINERIZED PLANTS
NOT TO SCALE

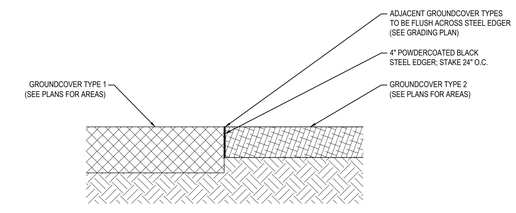
NOTES:
1. SEED MIX TO BE PLACED BETWEEN PLUG PLANTINGS. REFER TO SPECIFICATIONS FOR SEED MIX.
2. CAREFULLY PUNCTURE EROSION CONTROL MATERIAL TO PLANT PLUGS AFTER SEEDING. TAKE CARE NOT TO COMPACT SEEDED AREAS DURING PLANTING OPERATIONS. CONTRACTOR MAY PROPOSE DIFFERENT ORDER OF OPERATIONS TO ACHIEVE DESIGN INTENT FOR LANDSCAPE ARCHITECTURE APPROVAL.

PLUG LIST

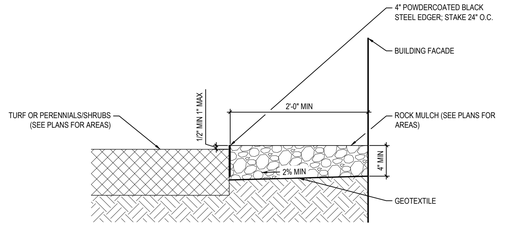
	GRASSES / SEDGES	
35%	Big Bluestem	*Andropogon gerardii*
	Indian Grass	*Sorghastrum nutans*
	PERENNIALS	
65%	Giant Hyssop	*Agastache foeniculum*
	Canada Anemone	*Anemone canadensis*
	Butterflyweed	*Asclepias tuerosa*
	Smooth Aster	*Aster laevis*
	Lanceleaf Coreopsis	*Coreopsis lanceolata*
	Joe Pye Weed	*Eutrochium maculatum*
	Prairie Blazingstar	*Liatris pycnostachya*
	Black Eyed Susan	*Rudbeckia hirta*
	Blue Vervain	*Verbena hastata*



6 PLUG PLANTING
NOT TO SCALE

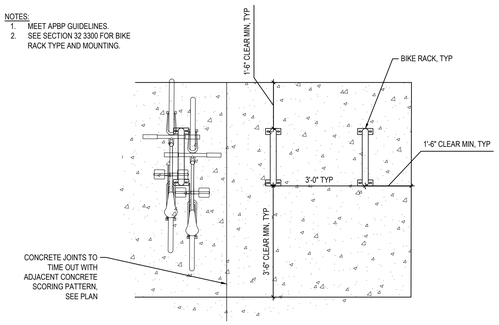


7 STEEL EDGER
NOT TO SCALE

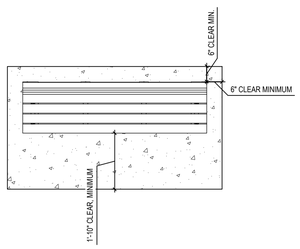


8 ROCK MULCH MAINTENANCE EDGER
SCALE: 1 1/2"=1'-0"

NOTES:
1. MEET APBP GUIDELINES.
2. SEE SECTION 32 3300 FOR BIKE RACK TYPE AND MOUNTING.



9 BIKE RACK PLACEMENT
NOT TO SCALE



10 6' BENCH PLACEMENT
NOT TO SCALE

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2660 CIVIC CENTER DR | ROSEVILLE, MN 55113
CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

THIS SQUARE APPEARS 1/2" x 1/2" ON FULL SIZE SHEETS

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NO	DATE	REVISION

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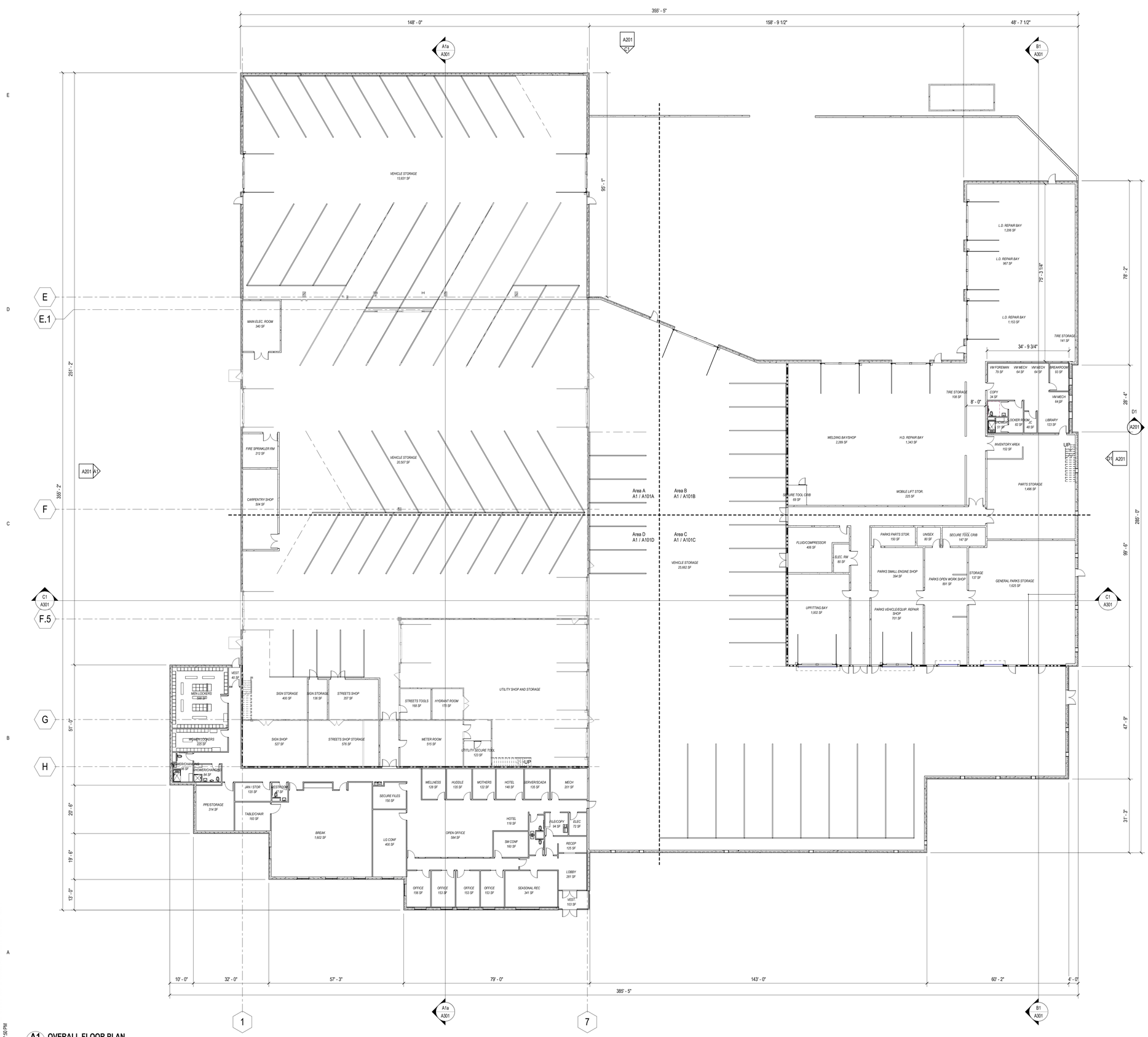
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
LANDSCAPE DETAILS

DRAWN BY: KAT
CHECKED BY: JSV
PROJ. NO: 250485
DRAWING NO.: **L501**

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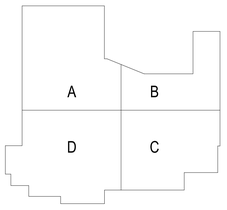


A1 A101 **OVERALL FLOOR PLAN**
1/16" = 1'-0"

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CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

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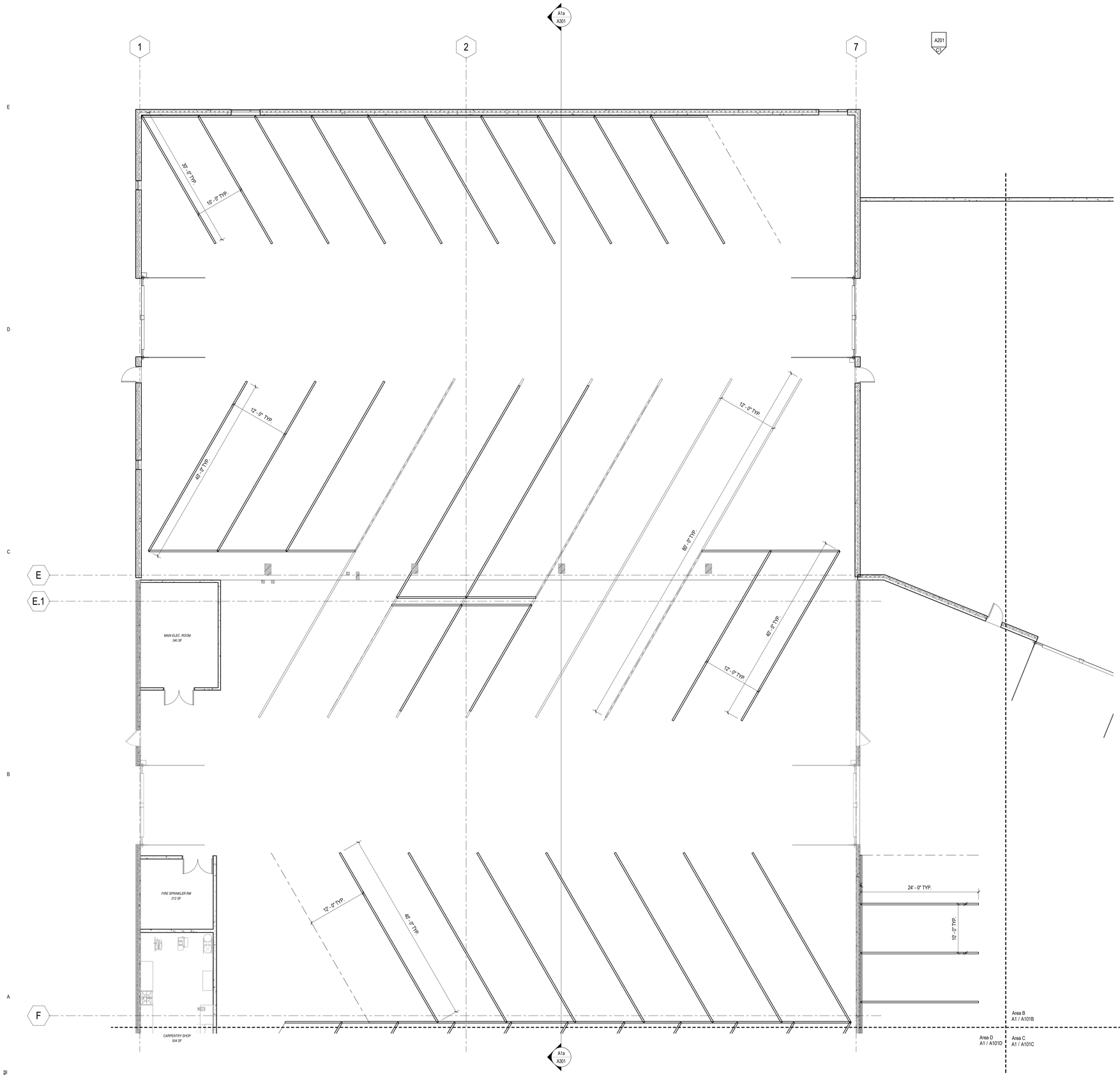
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
OVERALL FLOOR PLAN

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101**

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A1 A101A **FIRST LEVEL FLOOR PLAN - AREA A**
1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

C. REFER TO THE CODE ANALYSIS ON SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR REQUIRED FIRE RATINGS, TYPES AND LOCATIONS OF RATED ASSEMBLIES.

D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

E. TYPICAL INTERIOR PARTITION IS A3 WALL TYPE UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

G. DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUD, FACE OF CMU, FACE OF CONCRETE, OR FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.

H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

T. EXTERIOR LANDINGS, STOOPS, BALCONIES, AND PORCHES SHALL BE LEVEL ACROSS DOORWAYS AND SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.

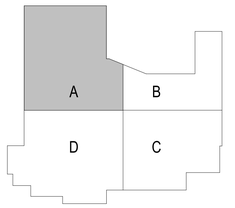
U. EXISTING STRUCTURE LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AS REQUIRED.

V. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AS REQUIRED TO PERFORM WORK. PAINT ACCESS PANELS TO MATCH ADJACENT SURFACE. COORDINATE ACCESS PANEL LOCATIONS WITH MECHANICAL.

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CLIENT:
ROSEVILLE
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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

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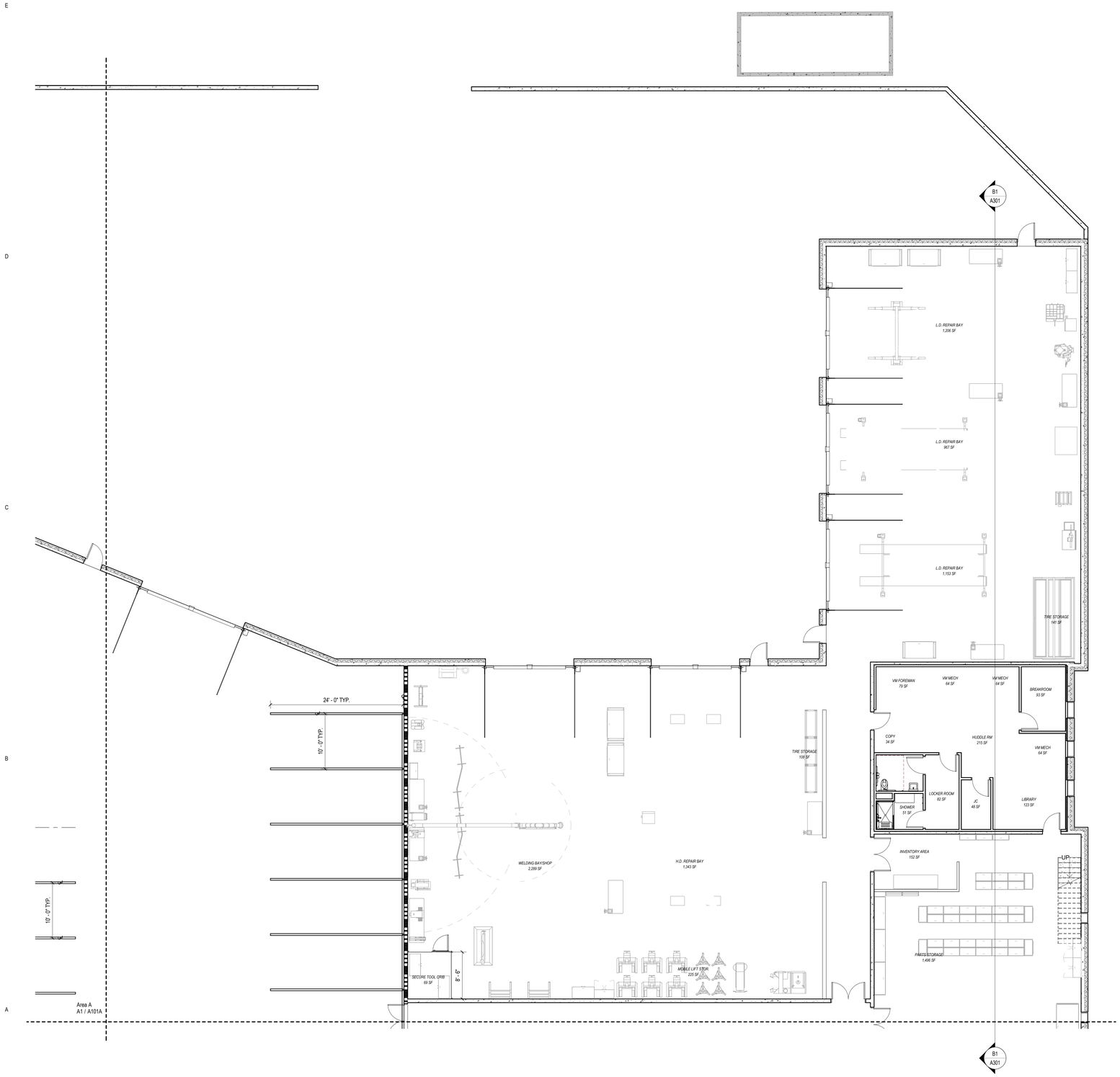
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
FLOOR PLAN -AREA A

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101A**

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A1 A101B **FIRST LEVEL FLOOR PLAN - AREA B**
1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

C. REFER TO THE CODE ANALYSIS ON SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR REQUIRED FIRE RATINGS, TYPES AND LOCATIONS OF RATED ASSEMBLIES.

D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

E. TYPICAL INTERIOR PARTITION IS A3 WALL TYPE UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

G. DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUD, FACE OF CMU, FACE OF CONCRETE, OR FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.

H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

T. EXTERIOR LANDINGS, STOOPS, BALCONIES, AND PORCHES SHALL BE LEVEL ACROSS DOORWAYS AND SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.

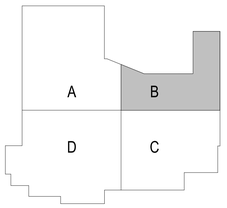
U. EXISTING STRUCTURE LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AS REQUIRED.

V. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AS REQUIRED TO PERFORM WORK. PAINT ACCESS PANELS TO MATCH ADJACENT SURFACE. COORDINATE ACCESS PANEL LOCATIONS WITH MECHANICAL.

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CLIENT:
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2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

THIS SQUARE APPEARS 1/2"x1/2"
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NO	DATE	REVISION

PRELIMINARY
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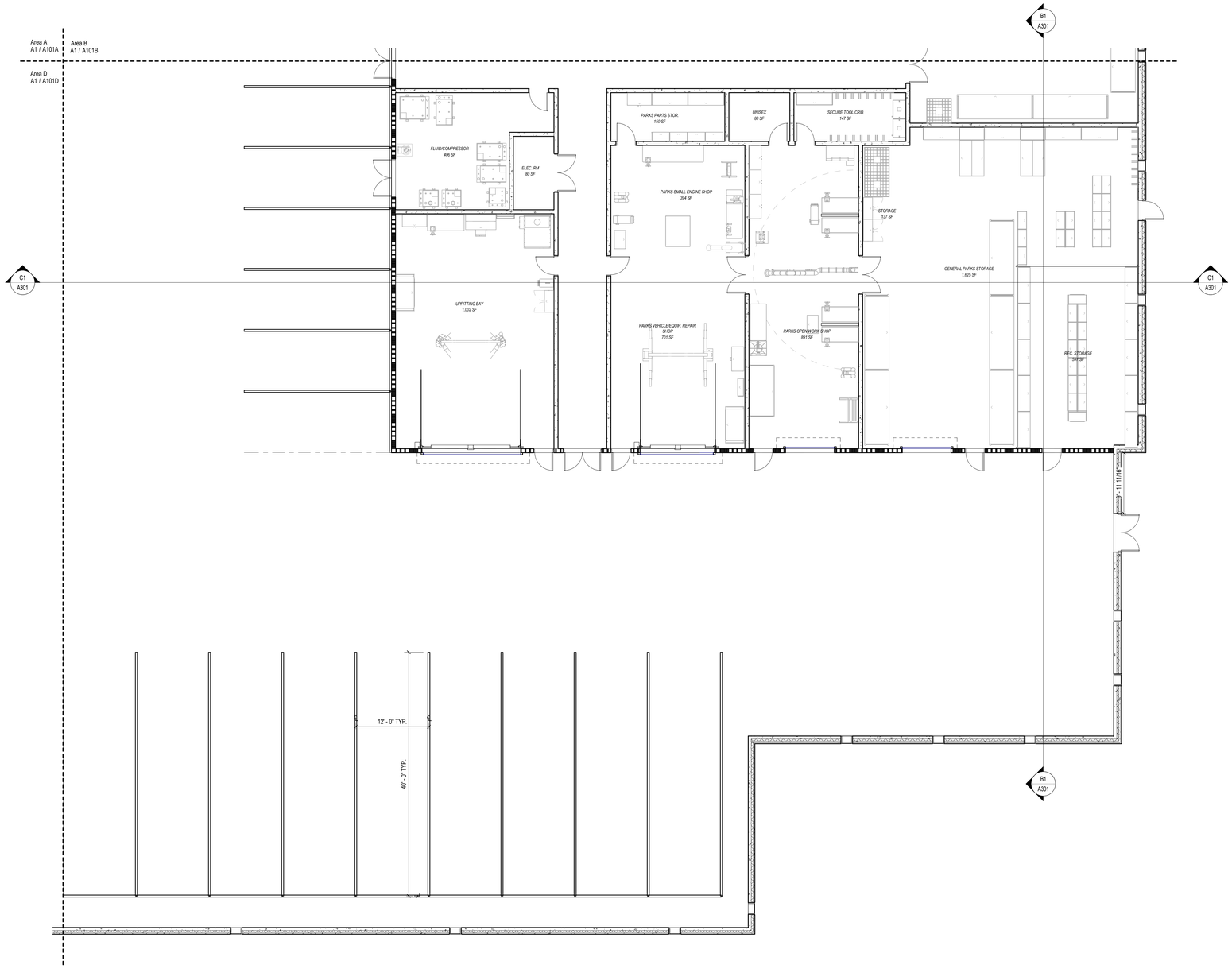
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
FLOOR PLAN -AREA B

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101B**

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GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

C. REFER TO THE CODE ANALYSIS ON SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR REQUIRED FIRE RATINGS, TYPES AND LOCATIONS OF RATED ASSEMBLIES.

D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

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F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

G. DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUD, FACE OF CMU, FACE OF CONCRETE, OR FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.

H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

T. EXTERIOR LANDINGS, STOOPS, BALCONIES, AND PORCHES SHALL BE LEVEL ACROSS DOORWAYS AND SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.

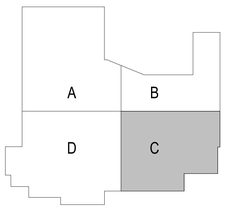
U. EXISTING STRUCTURE LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AS REQUIRED.

V. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AS REQUIRED TO PERFORM WORK. PAINT ACCESS PANELS TO MATCH ADJACENT SURFACE. COORDINATE ACCESS PANEL LOCATIONS WITH MECHANICAL.

LHB
701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

THIS SQUARE APPEARS 1/2"x1/2"
ON FULL SIZE SHEETS

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NO	DATE	REVISION

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06/05/2026

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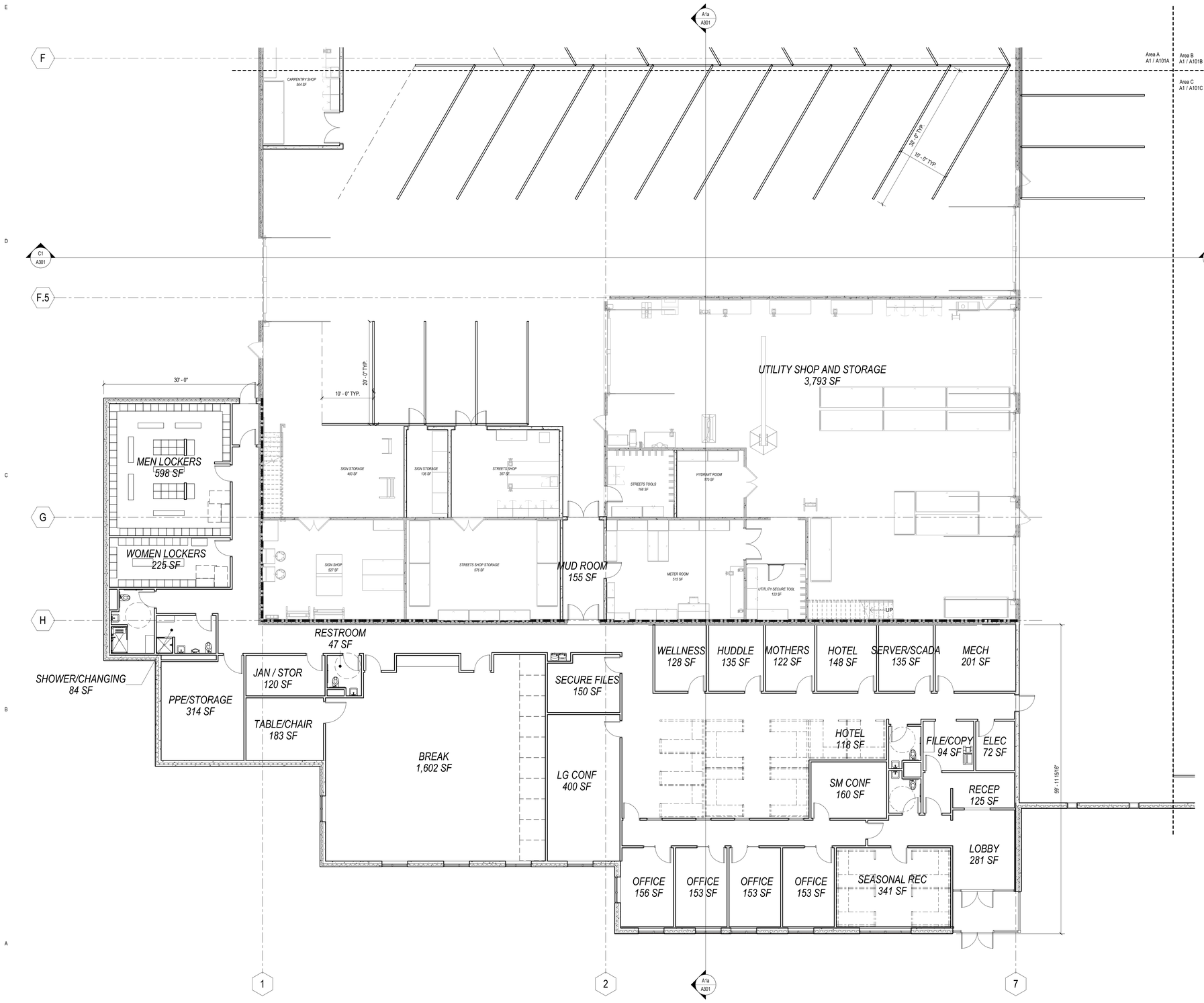
PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
FLOOR PLAN -AREA C

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101C**

A1 / A101C FIRST LEVEL FLOOR PLAN - AREA C
1/8" = 1'-0"

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6/5/2026 3:17:52 PM



A1 A101D **FIRST LEVEL FLOOR PLAN - AREA D**
1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

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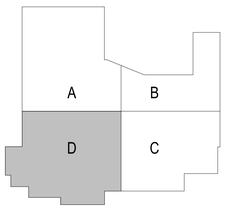
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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

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	06/05/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
NOT FOR CONSTRUCTION
06/05/2026

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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
FLOOR PLAN -AREA D

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101D**

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GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

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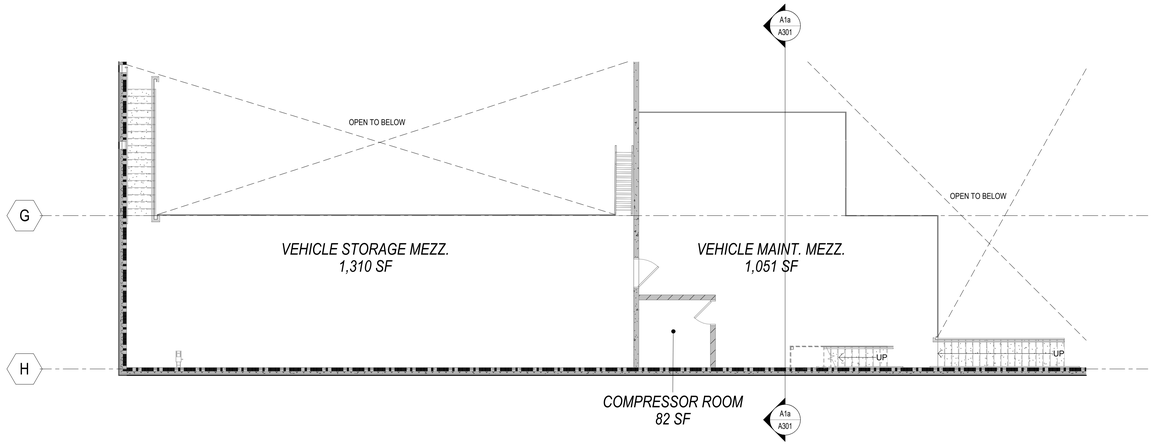
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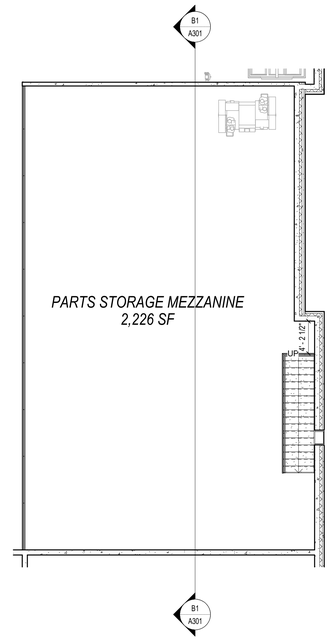
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A1 A102 **VEHICLE MAINT. MEZZ.**
1/8" = 1'-0"



A4 A102 **PARTS STORAGE MEZZ.**
1/8" = 1'-0"

LHB
701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

THIS SQUARE APPEARS 1/2"x1/2" ON FULL SIZE SHEETS

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	06/05/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
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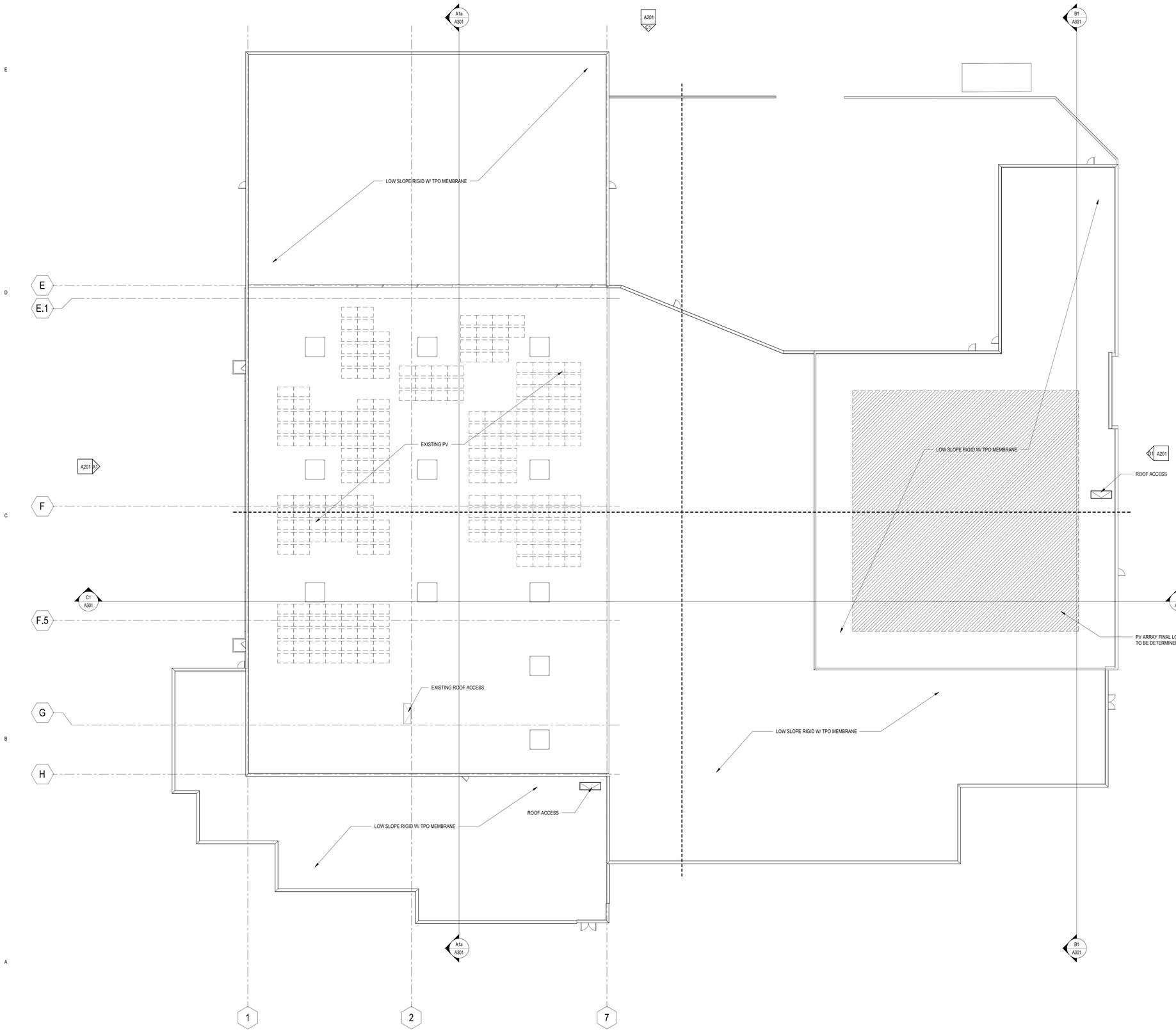
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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
FLOOR PLAN - MEZZANINES

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A102**

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6/5/2026 3:17:54 PM



ROOF PLAN LEGEND

- ROOF DRAIN (RD)
  OVERFLOW DRAIN (ORD)
- MECH HOOD
- EQUIPMENT CURB AT MECHANICAL EQUIPMENT
- ROOF EXHAUST
- EQUIPMENT CURB SUPPORTING PIPING OR CONDUIT. INSTALL MAXIMUM SPACING OF 6'-0" O.C.
- VENT STACK, PIPE OR CONDUIT, SEE DETAIL
- COMBUSTION STACK
- SKYLIGHT
- CRICKET FOR POSITIVE DRAINAGE
- 12" / 12" SLOPE AS INDICATED DIRECTION OF ROOF SLOPE
- DIAMOND CRICKET
- EPDM WALKWAY PAD
- PHOTOVOLTAIC PANEL

A1 A111 **OVERALL ROOF PLAN**
1/16" = 1'-0"

LHB
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CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

KEYPLAN

A B D C

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PROJECT NAME:
ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
ROOF PLAN

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A111**

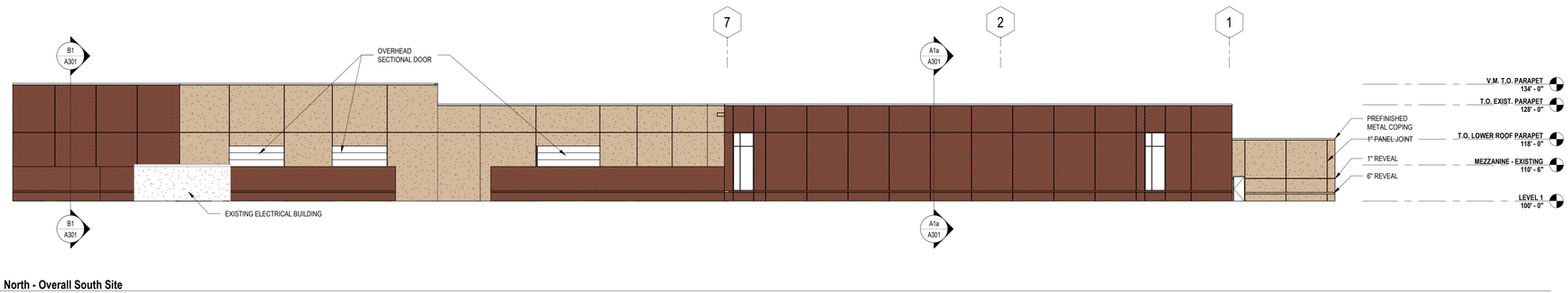
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MATERIALS

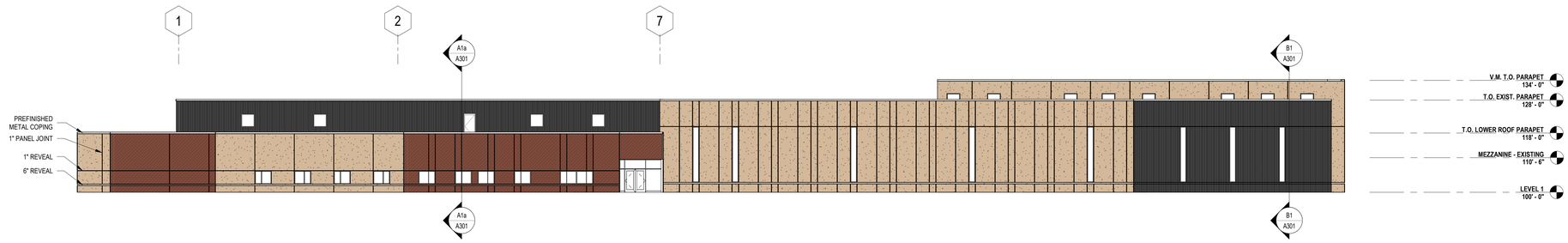
- BV1 - BRICK VANEER
- PC1 - ARCHITECTURAL PRECAST W/ REVEALS
- MTL1 - METAL PANEL SIDING



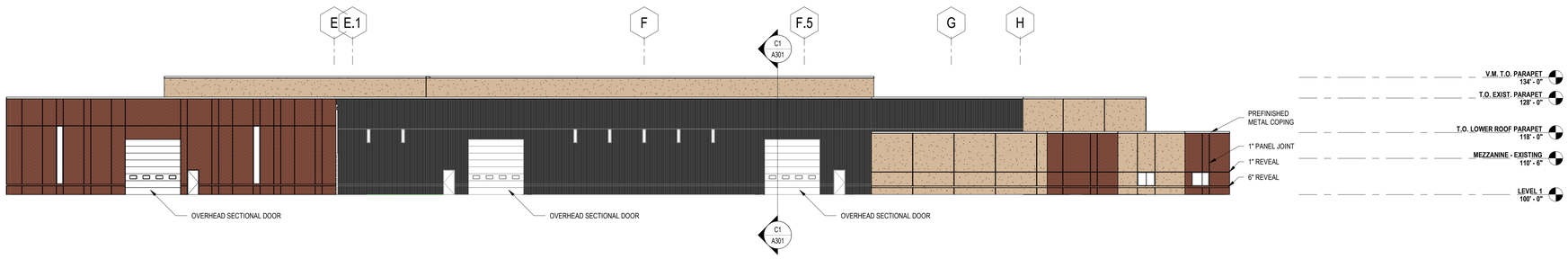
D1 A201 East - Overall South Site
1/16" = 1'-0"



C1 A201 North - Overall South Site
1/16" = 1'-0"



B1 A201 South - Overall South Site
1/16" = 1'-0"



A1 A201 West - Overall South Site
1/16" = 1'-0"

LHB
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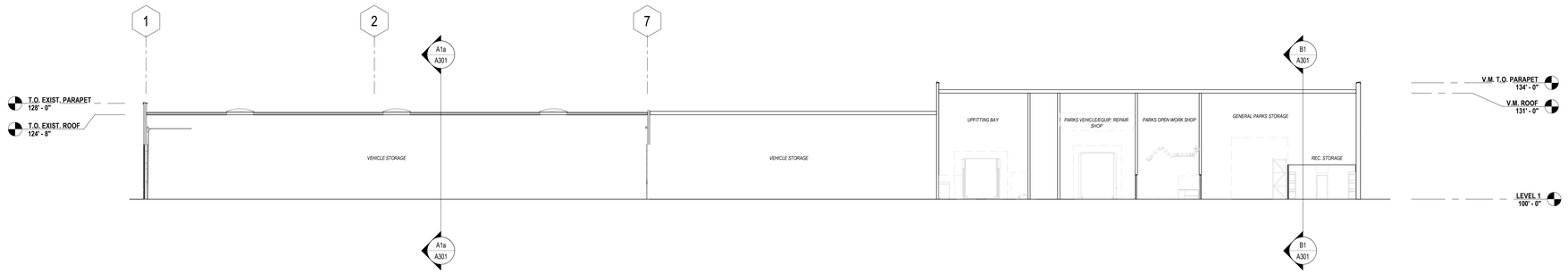
DRAWING TITLE:
OVERALL EXTERIOR ELEVATIONS

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A201**

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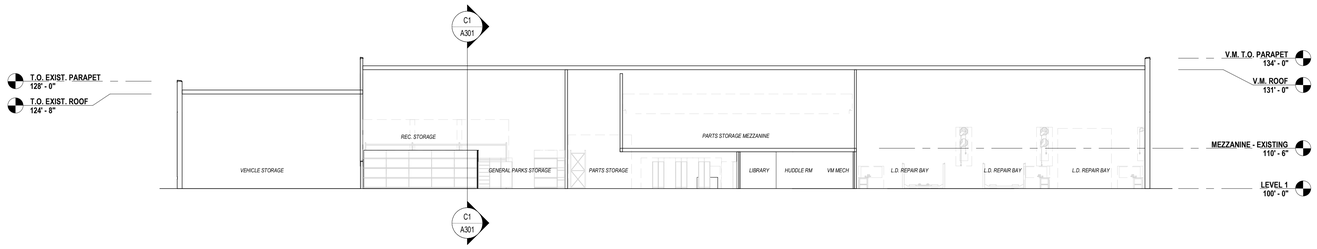
GENERAL SHEET NOTES

A. BUILDING SECTIONS ARE FOR DIAGRAMMATICAL PURPOSES ONLY. REFER TO DETAILS FOR FURTHER INFORMATION.



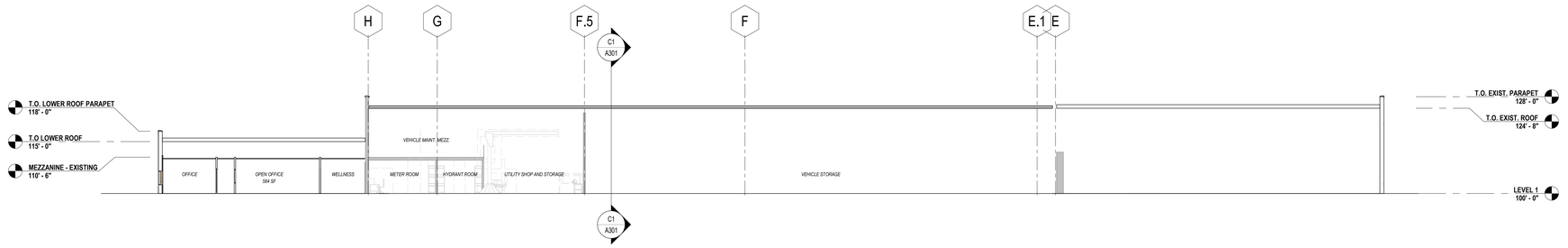
C1 A301 BUILDING SECTON E-W

1/16" = 1'-0"



B1 A301 BULDING SECTION 1 N-S

1/16" = 1'-0"



A1a A301 BUILDING SECTION 2 N-S

1/16" = 1'-0"

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701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

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PROJECT NAME:

ROSEVILLE MOC SOUTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:

BUILDING SECTIONS

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A301**

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6/5/2026 3:17:58 PM

GENERAL NOTES

1. ALL CONTRACTOR FURNISHED (CF) EQUIPMENT SHOWN ON THESE DRAWINGS WITH A FOUR DIGIT IDENTIFICATION NUMBER IS BASED ON A SPECIFIED MANUFACTURER. ANY MODIFICATION AND/OR SUBSTITUTION OF SAID EQUIPMENT IS SUBJECT TO COMPLETE COORDINATION BY THE CONTRACTOR OF ALL CONNECTIONS SERVICES, OPENING SIZE AND ANY OTHER CONSTRUCTION RELATED REQUIREMENTS.
2. ALL EQUIPMENT SHOWN ON THESE DRAWINGS WITH A FIVE DIGIT IDENTIFICATION NUMBER IS AN EXISTING PIECE OF EQUIPMENT. CONTRACTOR TO INSTALL EXISTING EQUIPMENT (LISTED AS OF/CI IN EQUIPMENT SCHEDULE). CONTRACTOR SHALL TEST OPERATION OF EXISTING EQUIPMENT WITH OWNER PRESENT PRIOR TO RELOCATION AND AFTER IT IS INSTALLED IN THE NEW FACILITY. EXISTING EQUIPMENT SHALL OPERATE IN THE SAME OR BETTER CONDITION AS PREVIOUSLY INSTALLED. COORDINATE SCHEDULE OF REMOVAL WITH OWNER.
3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS OF EQUIPMENT WITH MANUFACTURER'S APPROVED SHOP DRAWINGS PRIOR TO INSTALLATION, AND COORDINATE WORK WITH ARCHITECTURAL FEATURES SO INTERFERENCE BETWEEN PIPING, EQUIPMENT, MECHANICAL WORK, AND BUILDING STRUCTURE IS AVOIDED.
4. THIS LAYOUT IS PROVIDED FOR GENERAL LOCATION OF EQUIPMENT. UNLESS SPECIFICALLY LOCATED BY DIMENSIONS ON THE DRAWINGS, EQUIPMENT SHALL BE PLACED NEAR THE INDICATED LOCATION IN THE MOST OPERATIONALLY EFFICIENT POSITION AND ORIENTATION. CONTRACTOR SHALL REFER TO EQUIPMENT LAYOUT DRAWINGS FOR EXACT LOCATIONS AND COORDINATION OF ALL EQUIPMENT; REFERENCE Q001 FOR EQUIPMENT IDENTIFIERS AND DESCRIPTION.
5. SEISMICALLY BRACE ALL FIXED EQUIPMENT AND STORAGE EQUIPMENT PER LOCAL AND STATE SEISMIC RESTRAINT GUIDELINES.
6. SYMBOLS AND ABBREVIATIONS INDICATED ON THIS SHEET ARE STANDARDS AND FOR REFERENCE ONLY. NOT ALL OF THEM MAY BE USED IN THIS PROJECT.
7. CONTRACTOR MUST CONSIDER ALL PARTS OF THE CONTRACT DOCUMENTS, WHICH INCLUDES (BUT IS NOT LIMITED TO) DRAWINGS AND SPECIFICATIONS.

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
ATF	AUTOMATIC TRANSMISSION FLUID
CA	COMPRESSED AIR
CC	CONTROL CONSOLE
CF/CI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
CFM	CUBIC FEET PER MINUTE
CG	CHASSIS GREASE
CL	CENTERLINE
CNG	COMPRESSED NATURAL GAS
D	DIESEL
DEF	DIESEL EXHAUST FLUID
EC	ENGINE COOLANT
EO1	ENGINE OIL (5W-20)
EO2	ENGINE OIL (5W-30)
EO3	ENGINE OIL (5W-40)
EQ	EQUAL
EQ ID	EQUIPMENT IDENTIFIER
F/R	FILTER REGULATOR
FF	FINISH FLOOR
FMS	FLUID MANAGEMENT SYSTEM
FRL	FILTER, REGULATOR, LUBRICATOR
GO	GEAR OIL
GPM	GALLONS PER MINUTE
HO	HYDRAULIC OIL
HP	HIGH PRESSURE
ID	IDENTIFICATION
NG	NATURAL GAS
NTS	NOT TO SCALE
OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED / OWNER INSTALLED
OH	OVERHEAD
PAC	PUMP AIR CONTROLLER
S/O	SAND/OIL SEPARATOR
SPEC	SPECIFICATION
TLM	TANK LEVEL MONITOR
TYP	TYPICAL
UC	USED COOLANT
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UO	USED OIL
W	WATER
WWF	WINDSHIELD WASHER FLUID

EQUIPMENT LINE TYPE LEGEND

CF/CI

OF/CI

OF/OI

FUTURE

SYMBOLS LEGEND

- CENTERLINE
- KEYNOTES
- FRONT/APPROACH ACCESS TO EQUIPMENT
- ELEVATION
- BREAK LINE
- WASH EQUIPMENT KEYNOTES

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CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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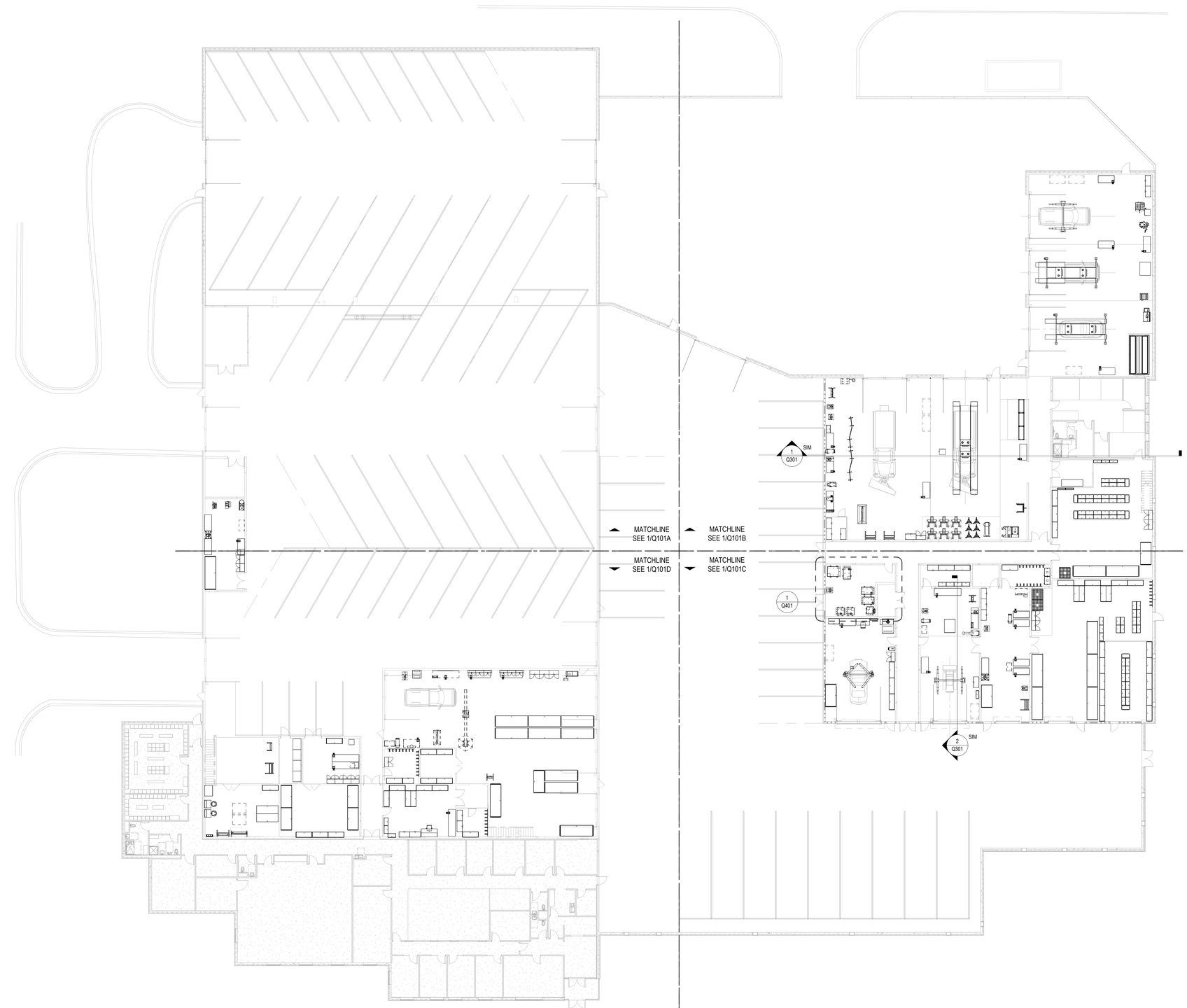
PROJECT NAME:
Roseville MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT ABBREVIATIONS, NOTES & SYMBOLS

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q001**

Autodesk Docs://10450148 Roseville MOC - LPCIS/10450148-01 MOC South.rvt
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1 OVERALL EQUIPMENT PLAN - SOUTH MOC
1/16" = 1'-0"

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A | B
D | C
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Roseville, MN 55113

DRAWING TITLE:
OVERALL EQUIPMENT PLAN - SOUTH MOC

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q101

0 8' 16' 32'

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GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS



1 EQUIPMENT PLAN - SOUTH MOC - AREA A
1/8" = 1'-0"

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DRAWING TITLE:
EQUIPMENT PLAN - SOUTH MOC - AREA A

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q101A

0 4' 8' 16'

Autodesk Docs://10450 Roseville MOC - LPCDS/10450148-01-MOC-South-Q25.rvt
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GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS



1 EQUIPMENT PLAN - SOUTH MOC - AREA B
1/8" = 1'-0"

0 4' 8' 16'

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CONSULTANT:
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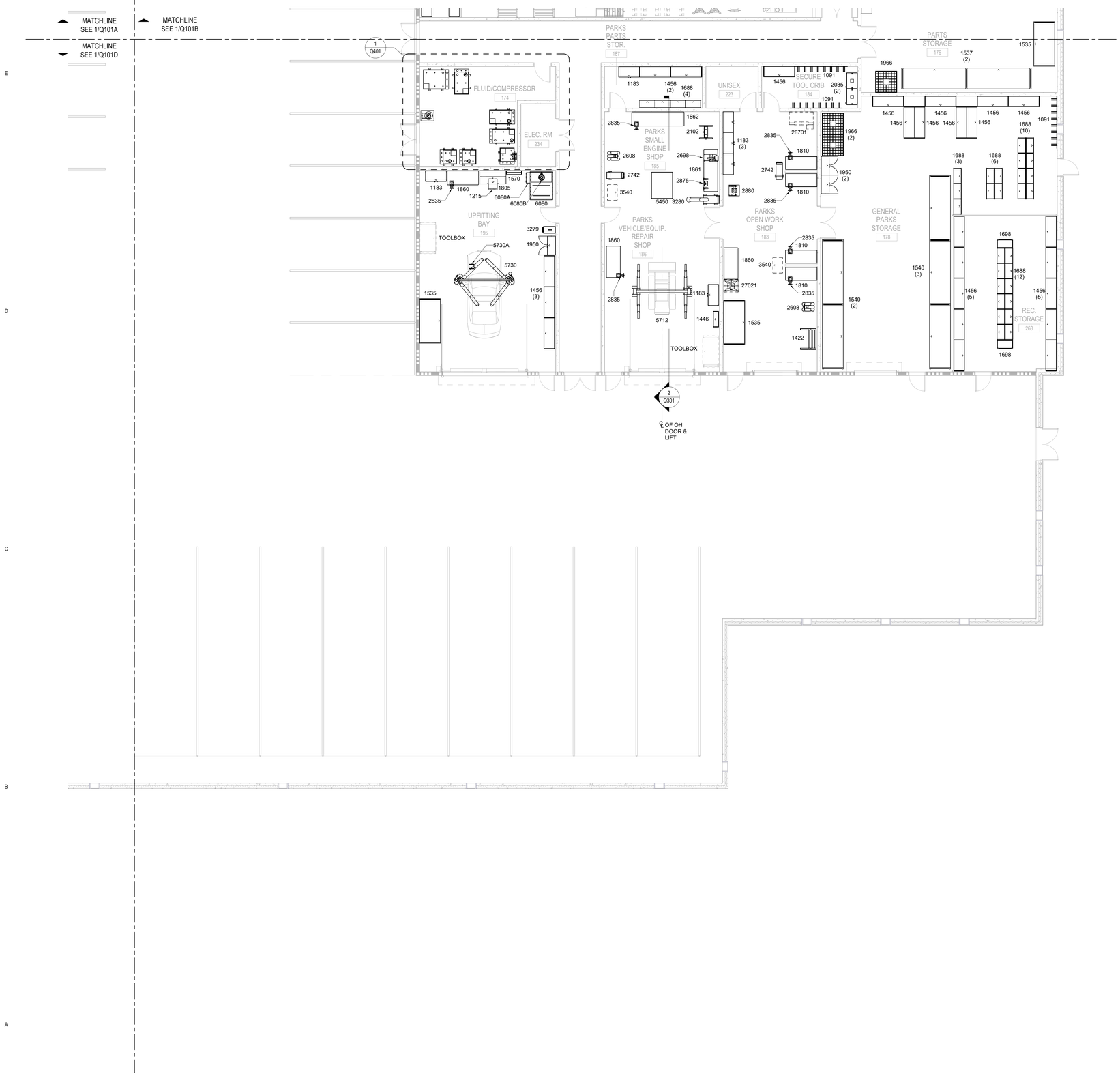
PROJECT NAME:
Roseville MOC

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DRAWING TITLE:
EQUIPMENT PLAN - SOUTH MOC - AREA B

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q101B**

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GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS

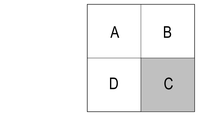
1 EQUIPMENT PLAN - SOUTH MOC - AREA C
1/8" = 1'-0"

0 4' 8' 16'

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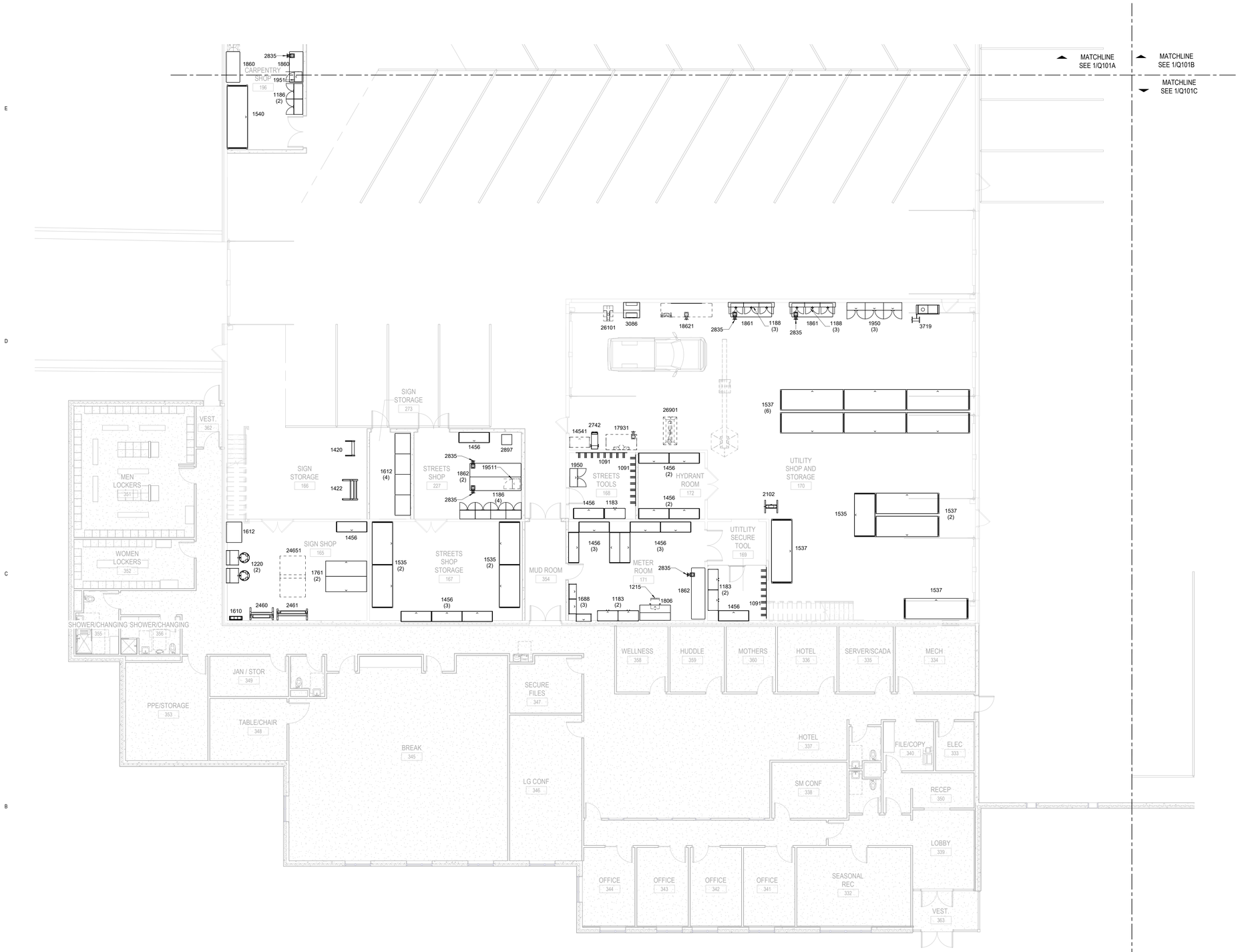
DRAWING TITLE:
EQUIPMENT PLAN - SOUTH MOC - AREA C

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q101C

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GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS



1 EQUIPMENT PLAN - SOUTH MOC - AREA D
1/8" = 1'-0"

0 4' 8' 16'



KEYPLAN

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DRAWING TITLE:
EQUIPMENT PLAN - SOUTH MOC - AREA D

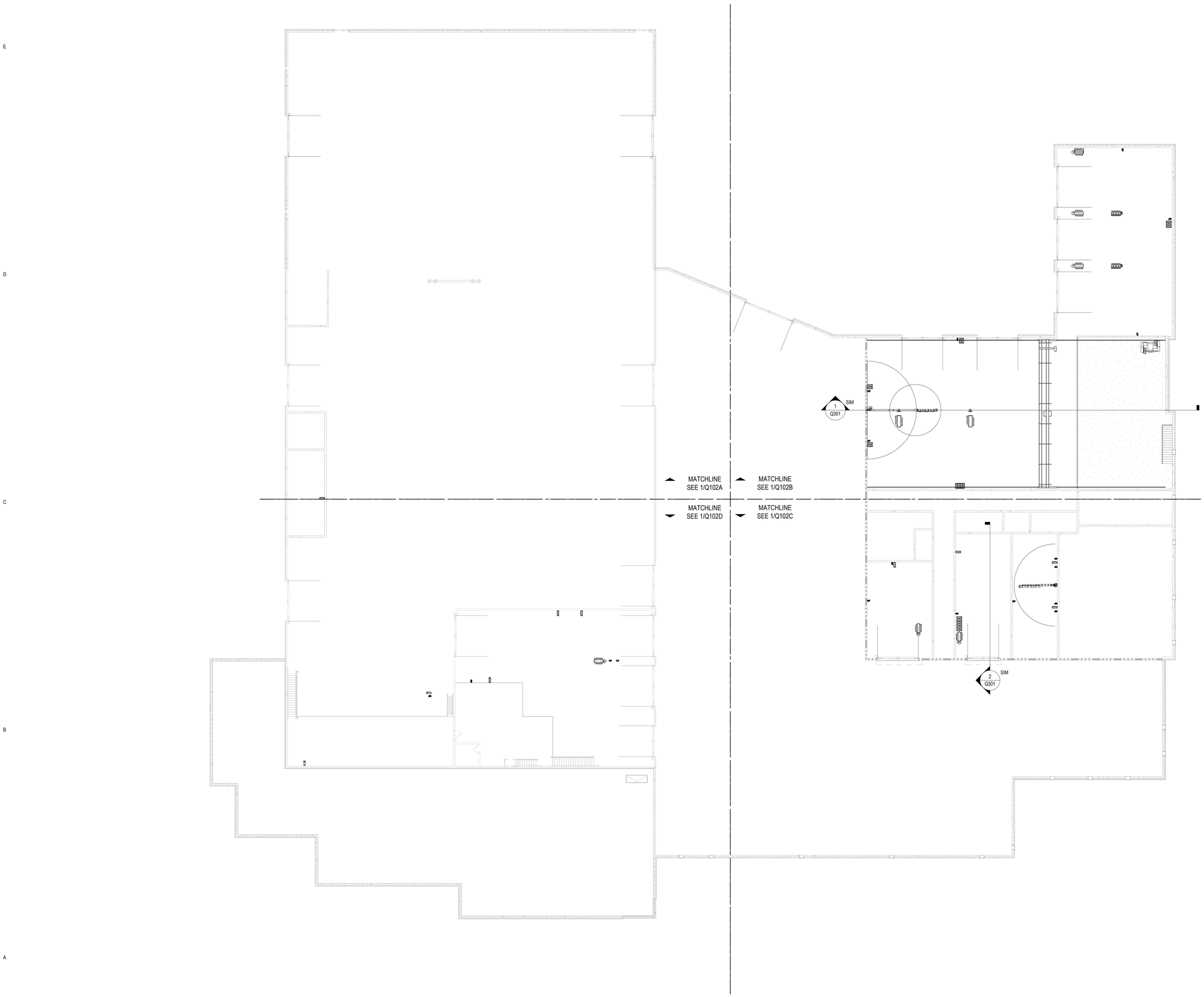
DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q101D**

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CONSULTANT:
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6/4/2026 8:33:30 PM



1 OVERALL EQUIPMENT PLAN - OVERHEAD- SOUTH MOC
1/16" = 1'-0"

0 8" 16" 32"

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A B
D C

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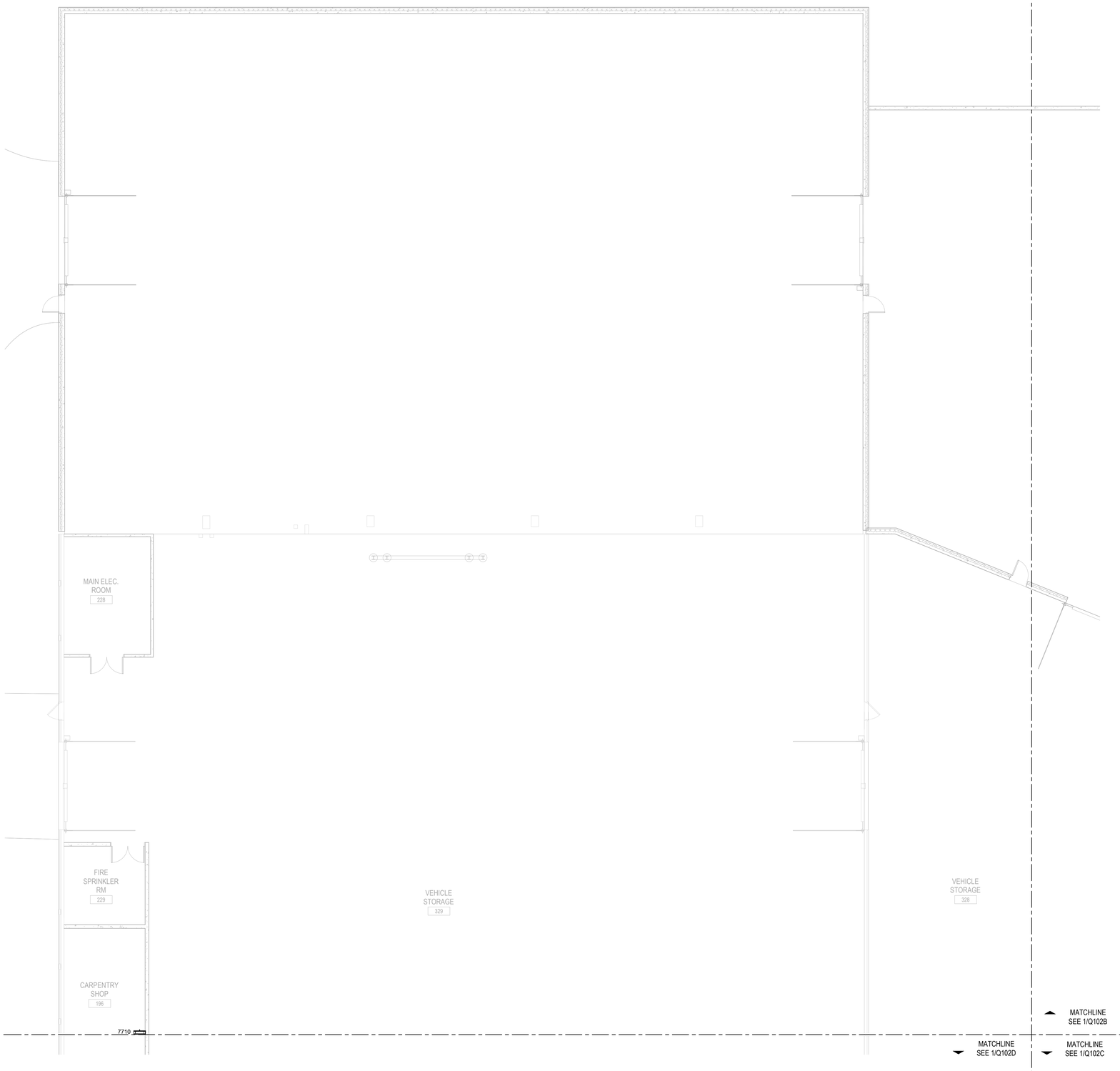
DRAWING TITLE:
OVERALL EQUIPMENT PLAN - OVERHEAD - SOUTH MOC

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q102

Autodesk Docs://10450148 Roseville MOC - LPO2S/10450148-01-MOC-South-Q25.rvt
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GENERAL NOTES

1 REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2 REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3 REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS



1 EQUIPMENT PLAN - OVERHEAD- SOUTH MOC - AREA A
1/8" = 1'-0"

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DRAWING TITLE:
EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA A

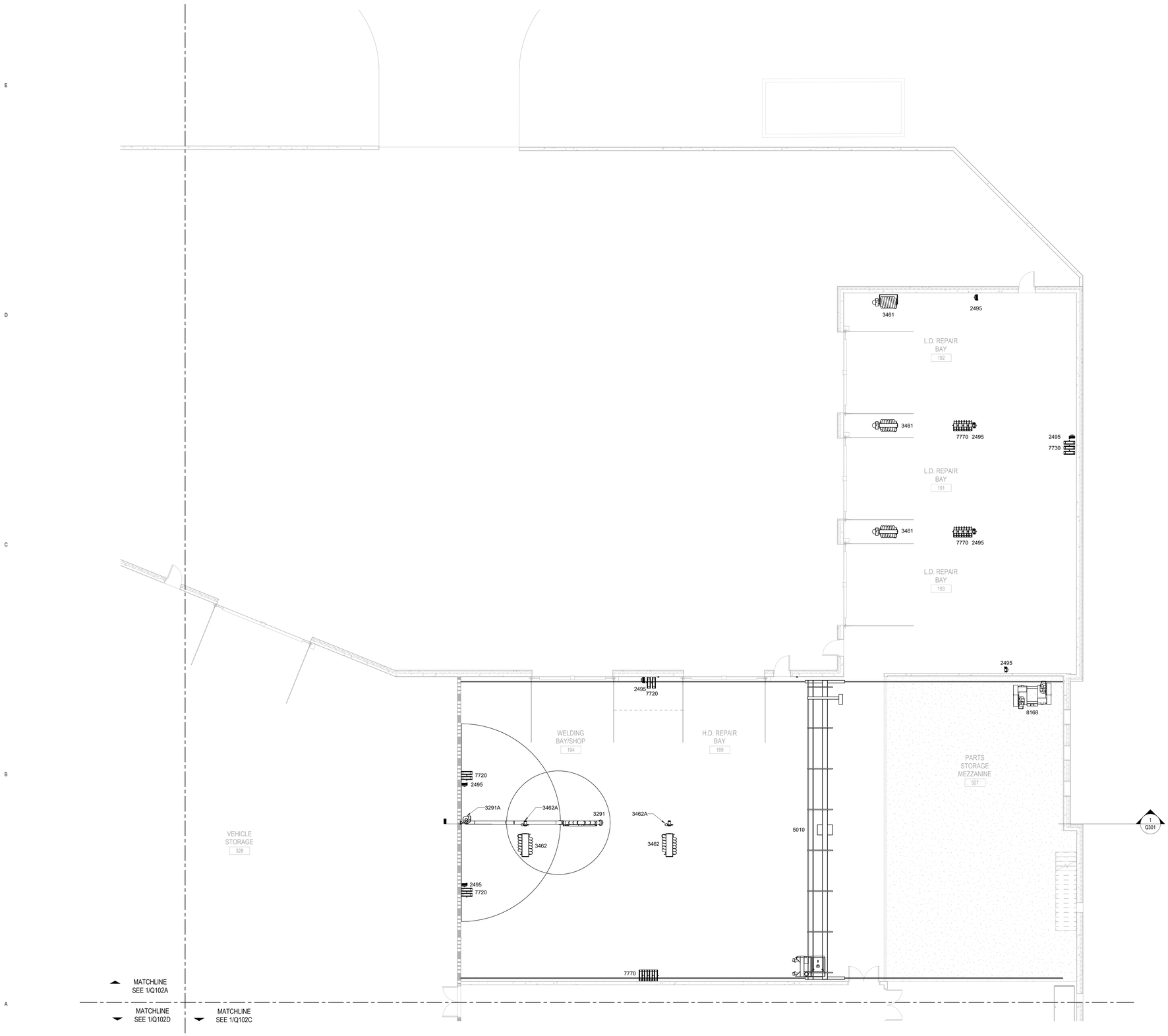
DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q102A

0 4' 8' 16'

Autodesk Docs://250485 Roseville MOC - LPCDS/10450148-01-MOC-South-Q05.rvt
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GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS



1 EQUIPMENT PLAN - OVERHEAD- SOUTH MOC - AREA B
1/8" = 1'-0"

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A | B
D | C

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DRAWING TITLE:
EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA B

DRAWN BY: M. DYSERT
CHECKED BY: J. OREX
PROJ. NO: 10450148
DRAWING NO: Q102B

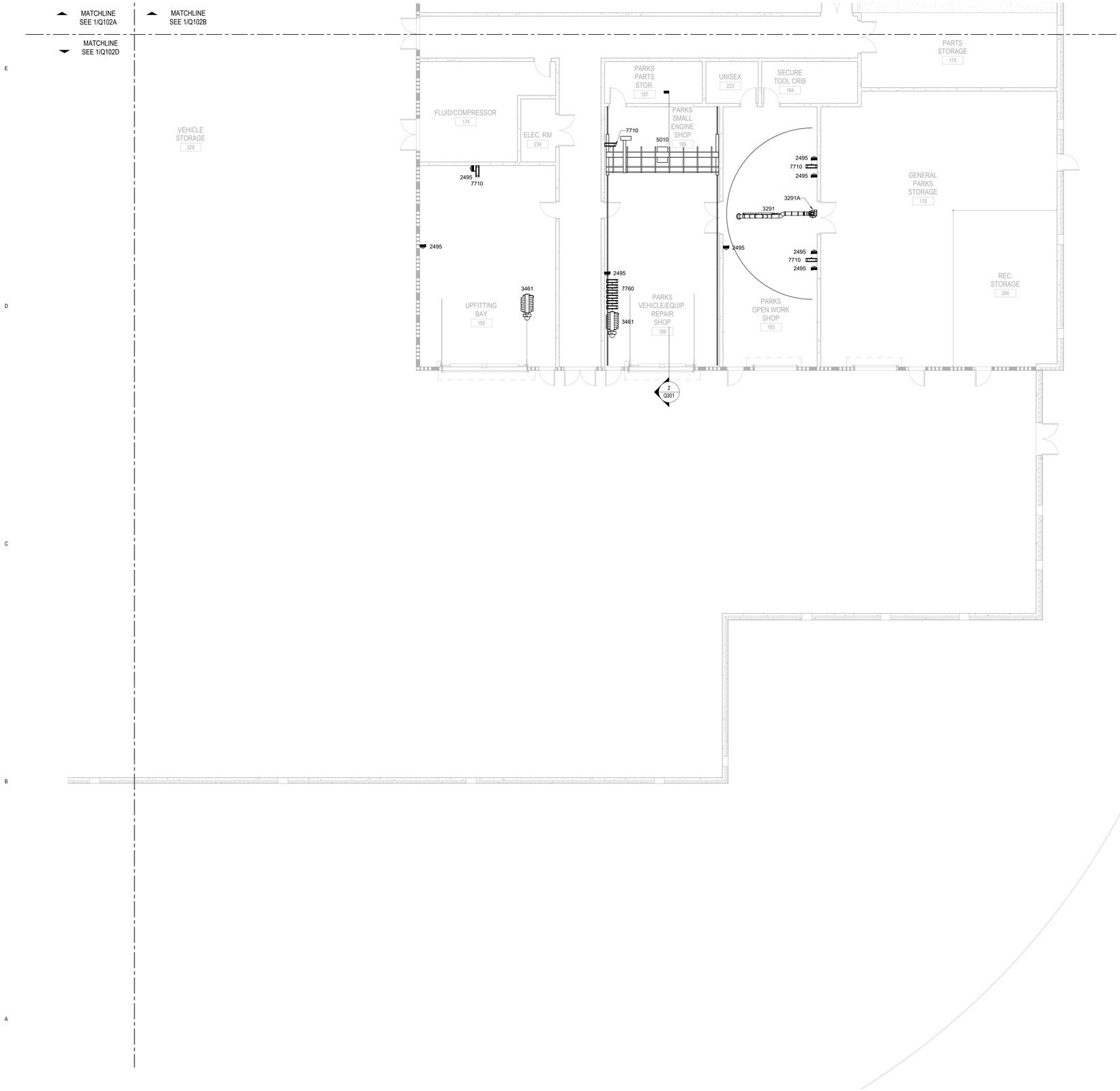
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Autodesk Docs://250456 Roseville MOC - LPCDS/10450148-01-MOC-South-Q25.rvt
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MATCHLINE
SEE 1/Q102A

MATCHLINE
SEE 1/Q102B

MATCHLINE
SEE 1/Q102D



GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS

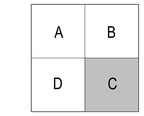
1 EQUIPMENT PLAN - OVERHEAD- SOUTH MOC - AREA C
1/8" = 1'-0"

0 4' 8' 16'

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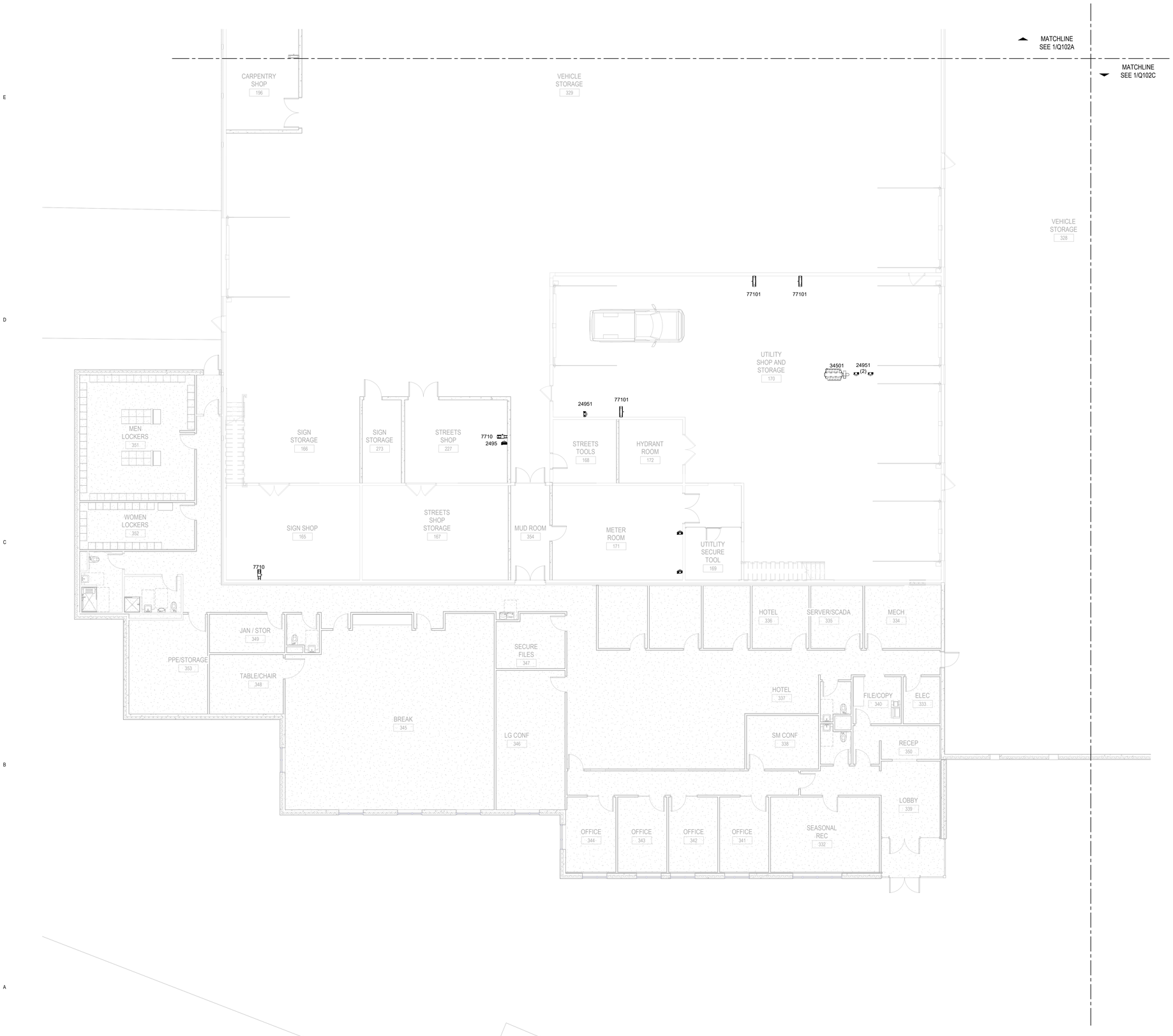
DRAWING TITLE:
EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA C

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q102C**

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6/4/2026 8:47:27 PM

GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS



1 EQUIPMENT PLAN - OVERHEAD- SOUTH MOC - AREA D
1/8" = 1'-0"

0 4' 8' 16'

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KEYPLAN

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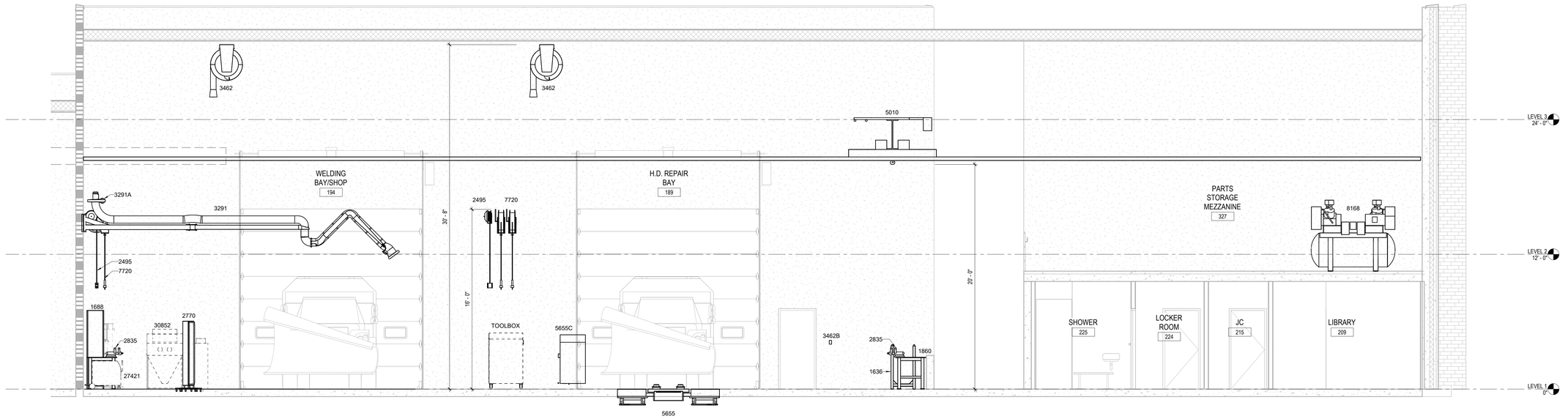
PROJECT NAME:
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2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT PLAN - OVERHEAD - SOUTH MOC - AREA D

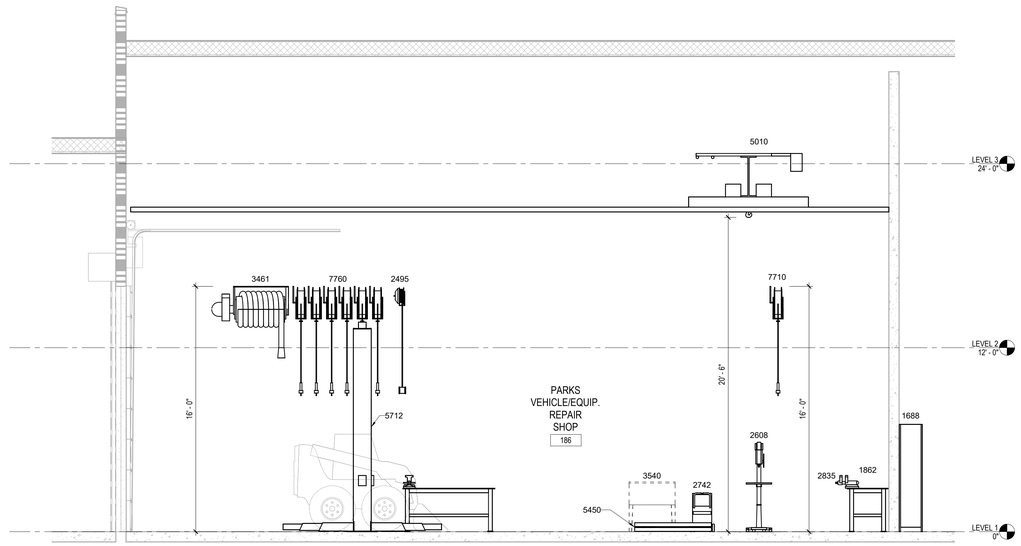
DRAWN BY: M.DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q102D**

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6/4/2026 8:33:39 PM



1 HEAVY DUTY BAY EQUIPMENT SECTION

1/4" = 1'-0"



2 PARKS VEHICLE REPAIR SHOP EQUIPMENT SECTION

1/4" = 1'-0"

0 2' 4' 8'

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CLIENT:
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CONSULTANT:
HDR
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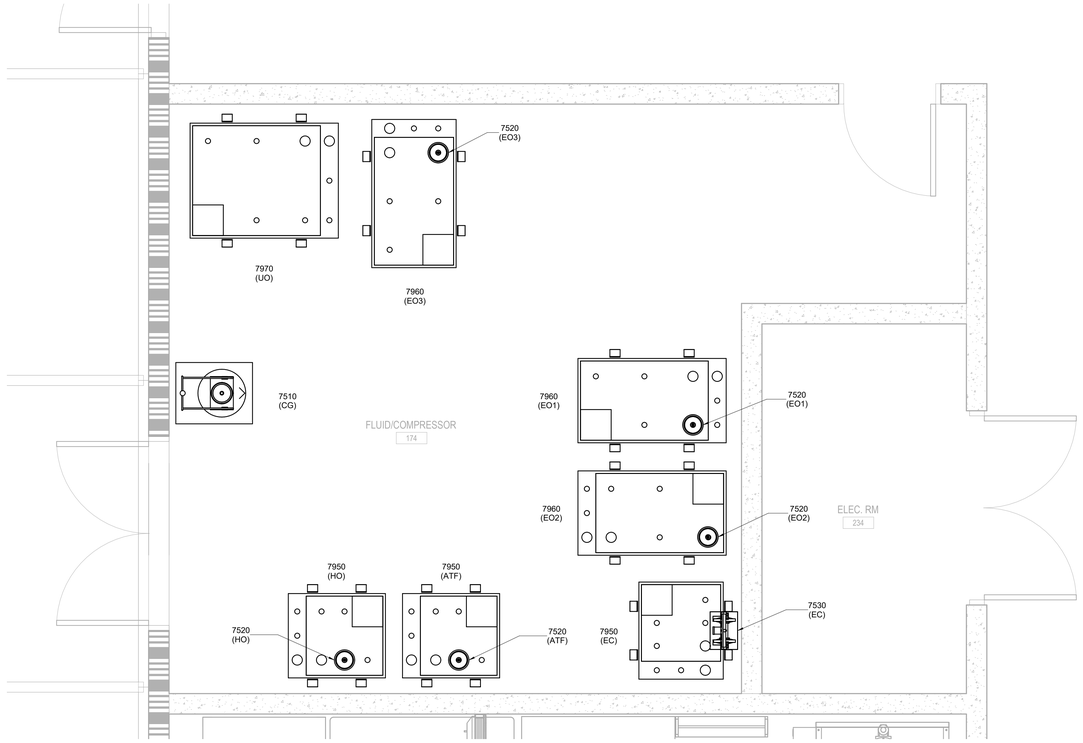
DRAWING TITLE:
EQUIPMENT SECTION - HEAVY DUTY BAY & VEHICLE REPAIR SHOP SECTION

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q301**

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GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS



1 ENLARGED EQUIPMENT PLAN - FLUID ROOM
1/2" = 1'-0"

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CONSULTANT:
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KEYPLAN

A	B
D	C

THIS SQUARE APPEARS 1/2"x1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
	06/05/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
NOT FOR CONSTRUCTION
06/05/26

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PROJECT NAME:
Roseville MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT ENLARGED PLAN - FLUID/COMPRESSOR ROOM

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q401**

0 1" 2" 4"

Autodesk Docs://25048 Roseville MOC - LPCDS/10450148-01-MOC-South-Q05.rvt
6/4/2026 8:33:42 PM

GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS

10 56 00 STORAGE ASSEMBLIES EQUIPMENT SCHEDULE

		BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					ELECTRICAL						
				OVERALL SIZE											
Q ID #	DESCRIPTION	MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION	REMARKS
CF/CI															
1098	BOARD, PEG, TOOL	KENNEDY MANUFACTURING COMPANY	50004	72"	1/2"	36"	32	2592							
1183	CABINET, STORAGE, HEAVY DUTY	EQUIPTO	EQ\L35133	48"	24"	78"	573	4800							
1186	CABINET, STORAGE, SHOP, HEAVY DUTY SHELVING	LYON WORKSPACE PRODUCTS	1114	36"	21"	82"	156	1450							
1188	CABINET, STORAGE, SHOP, WALL MOUNTED			36"	13"	27"	79	400							
1220	DESK, STAND-UP	TENNSCO CORPORATION	SR-57	34 1/2"	29"	53"	97	520							
1420	RACK, ARM, SINGLE FACE, THREE FOOT WIDE, 4,000 POUND	EQUIPTO	1062 SINGLE FACE UNIT AND 1063 SINGLE FACE RACK END	36"	22"	84"	137	4550							
1422	RACK, ARM, SINGLE FACE, HEAVY DUTY	EQUIPTO	1043-48 AND 1043	48"	36"	96"	220	12000							
1446	STORAGE UNIT, 72 BIN	LYON WORKSPACE	8100 SERIES	36"	12"	84"	180	500							
1456	RACK, BULK STORAGE, SIX FOOT	EQUIPTO	1028D62S AND 1028D82A	72"	24"	96"	398	5260							
1535	RACK, PALLET, EIGHT FOOT, TWO TIER	LYON WORKSPACE PRODUCTS	97SWD96048096 STARTER WITH 97AWD096948096 ADD-ON	102"	48"	96"	376	10400							
1537	RACK, PALLET, TWELVE FOOT, TWO TIER	LYON WORKSPACE PRODUCTS	9748M120 (UPRIGHTS), SOS144 (BEAMS), FFWD4648H (DECKING)	150"	48"	120"	730	18000							
1540	RACK, PALLET, TWELVE FOOT, THREE TIER	LYON WORKSPACE PRODUCTS	97SWD144048144 STARTER WITH 97AWD144042144 ADD ON	150"	48"	144"	740	20370							
1570	RACK, SPOOL, WIRE	EQUIPTO	880-7	36"	8"	84"	83	2604							
1610	RACK, VINYL ROLL, VERTICAL	SIGN WAREHOUSE	SE-ORCA44	30"	9"	75"	0	0							
1612	RACK, SIGN, TWO LEVEL	STORE MORE STORE	SMS-18-65895-483688	48"	36"	88 1/2"	165	1500							
1631	CAROUSEL, STORAGE, TIRE, 32 INCH	VIDIR VERTICAL STORAGE SYSTEM	T45156-0744-12	177"	89 1/2"	170"	4090	7000	460	3	3.00	10.0	DISCONNECT		
1636	RACK, TIRE, HEAVY DUTY, ONE TIER	SPG/JARKE	TW-3943	60"	26"	47 1/2"	128	1000							
1688	SHELVING UNIT, EIGHT SHELF	EQUIPTO	773-8S AND 773-8A	36"	18"	84"	176	8190							
1698	SHELVING UNIT, WITH FOUR DRAWERS	EQUIPTO	S4221VHS & S4221VHA	36"	18"	84"	440	6280							
1753	TABLE, LAYOUT, STAINLESS STEEL TOP, EIGHT FOOT	EQUIPTO	232308 WITH 441D8SS	96"	30"	34"	266	1500							
1761	TABLE, LAYOUT, WOOD TOP, EIGHT FEET	EQUIPTO	2333-8W	96"	36"	34"	215	900							
1805	WORKBENCH, ELECTRONICS, STATIC DISSIPATIVE, 5 FOOT, WITH SHELF	EQUIPTO	388-5C W/ACCESSORIES	60"	30"	47 1/2"	197	1000	120	1	0.00	7.0	RECEPTACLE		
1806	WORKSTATION, ELECTRONICS, STATIC DISSAPATIVE, SIX FOOT, WITH DRAWERS	STANLEY VIDMAR	ETW-1	72"	36"	52"	641	1000	120	1		15.0	RECEPTACLE		
1810	WORKBENCH, STEEL TOP, WITH RISER AND DRAWER UNIT	EQUIPTO	2578U6	72"	30"	34"	331	2700							
1950	CABINET, FLAMMABLE MATERIALS, LARGE	EQUIPTO	FSC45S	43"	18"	65"	353	350							
1951	CABINET, FLAMMABLE MATERIALS, BENCH TOP	EAGLE MFG	1925X	23 1/2"	18"	35"	103	350							
1966	PALLET, CONTAINMENT, HAZARDOUS MATERIALS, FOUR DRUM	JUSTRITE MANUFACTURING	28635	49"	49"	10 1/2"	54	5000							
2370	DOLLY, WHEEL	NORCO INDUSTRIES	82320	39 1/2"	43 1/2"	35"	175	1500							

11 11 00 VEHICLE SERVICE EQUIPMENT SCHEDULE

		BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					INDUSTRIAL PIPING						
				OVERALL SIZE					COMPRESSED AIR				FACILITY FLUID		
											PRESSURE (PSI)				
Q ID #	DESCRIPTION	MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	SIZE (IN)	FLOW (CFM)	MIN.	MAX.	FLOW (GPM)	PRESS. (PSI)	REMARKS
CF/CI															
7510	PUMP, AIR PISTON, 55 GALLON (CG), WITH HOIST	GRACO, INCORPORATED	226018	24"	30"	56"	136		1/2"	19	80	150	2	70.00	
7520	PUMP, AIR PISTON, 10:1 RATIO	GRACO, INCORPORATED	425 FIRE BALL 205626	8"	6"	26"	38		1/2"	45	80	150			
7530	PUMP, DIAPHRAGM, NON-MIXING (EC)	GRACO, INC	647016	15"	11"	16"	23		1/2"	67	20	125	0	0.00	
7710	REEL BANK, ONE COMMODITY	GRACO INC.	XD SERIES	26"	8"	25 1/2"	64		3/4"	0			3	0.00	
7720	REEL BANK, TWO COMMODITY	GRACO INC.	XD SERIES	26"	8"	25 1/2"	128		3/4"	0			3	0.00	
7730	REEL BANK, THREE COMMODITY	GRACO INC.	XD SERIES	26"	8"	25 1/2"	192		3/4"	0			3	0.00	
7760	REEL BANK, SIX COMMODITY	GRACO INC.	XD SERIES	26"	8"	25 1/2"	384		3/4"	0			3	0.00	
7770	REEL BANK, SEVEN COMMODITY	GRACO INC.	XD SERIES	26"	8"	25 1/2"	448		3/4"	0			3	0.00	
7950	TANK, DOUBLE WALL, CUBE, 120 GALLON, ONE COMMODITY	CONTAINMENT SOLUTIONS	LCAA1280DS001	38"	34"	49"	485	1485							
7960	TANK, DOUBLE WALL, CUBE, 280 GALLON, ONE COMMODITY	CONTAINMENT SOLUTIONS	LCAA1280DS001	58"	34"	61"	850	3200							
7970	TANK, DOUBLE WALL, CUBE, 500 GALLON, ONE COMMODITY	CONTAINMENT SOLUTIONS	LCAA1500DS001	58"	46"	73"	1315	5600							

11 11 13 COMPRESSED AIR VEHICLE SERVICE EQUIPMENT SCHEDULE

		BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					MECHANICAL		PLUMBING	INDUSTRIAL PIPING				ELECTRICAL						
				OVERALL SIZE					EXHAUST		SANITARY	COMPRESSED AIR										
														PRESSURE (PSI)								
Q ID #	DESCRIPTION	MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	FLOW (CFM)	HEAT REJECT (MBH)	IW SINK	SIZE (IN)	FLOW (CFM)	MIN.	MAX.	VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION	REMARKS
CF/CI																						
8168	COMPRESSOR, AIR, RECIPROCATING, DUPLEX 20 HP (x2), HORIZONTAL (LARGE) RECEIVER	CHAMPION	HR20D-24	89 1/2"	66 1/2"	76"	2845		0	89580		1 1/4"				480	3	20.00	27.0	PROVIDE DISCONNECT		

11 11 29 VEHICLE SHOP EQUIPMENT SCHEDULE

		BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					MECHANICAL		PLUMBING							INDUSTRIAL PIPING				ELECTRICAL					
				OVERALL SIZE					EXHAUST		DOMESTIC COLD WATER				SANITARY	GAS			COMPRESSED AIR								
													PRESSURE (PSI)					PRESSURE (PSI)								
Q ID #	DESCRIPTION	MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY	FLOW (CFM)	HEAT REJECT (BTUH)	SIZE (IN)	FLOW (GPM)	MIN.	MAX.	IW SINK	INPUT (BTUH)	MIN.	MAX.	SIZE (IN)	FLOW (CFM)	MIN.	MAX.	VAC	PH	HP	A	CONNECTION TYPE	REMARKS
CF/CI																											
2035	CABINET, CHARGING, 24V BATTERY	STORAGE BATTERY SYSTEMS, LLC	SBS-723624STD	36"	24"	78"	0	0																			
2102	PRESS, HYDRAULIC, 20 TON	NUGIER HYDRAULIC PRECISION	H20-6-3F	31"	30"	74"	265	0															120	1	1.00	15.0	RECEPTACLE	APPLICATION: CAR THROUGH LIGHT TRUCK
2260	LATHE, BRAKE, DRUM	AMMCO	4000B WITH ACCESSORIES	60"	30"	72"	385	200																				
2350	CHANGER, TIRE, LIGHT DUTY	COATS	800MAXX80A	49"	42"	88"	850	0											1/4"	15	150	175						
2353	CHANGER, HEAVY DUTY, 44 INCH MAX TIRE	COATS COMPANY	HIT-6000	78"	48"	36"	1150												1/4"	5	110	150	220	3	3.00	25.0	DISCONNECT	
2360	BALANCER, TIRE, LIGHT DUTY	COATS	1300-2D	60"	66"	78"	639	150															220	1	1.50	20.0	SPECIAL PURPOSE OUTLET	
2365	CAGE, INFLATION, TIRE	BRANICK INDUSTRIES, INC.	2250	28"	35"	60"	230												1/4"	5	0	120	120	1	0.00	2.0	RECEPTACLE	
2440	SCRUBBER, FLOOR, WALK BEHIND, 28 INCH PATH, BATTERY	TENNANT	T600-7000	30"	64"	43 1/2"	1033								Yes								110	1	1.00	15.0	RECEPTACLE	
2460	CUTTER/PLOTTER, SIGN	ROLAND DGA GROUP	CAMM-1 PRO GX-400	55 1/2"	28 1/2"	44"	112																110	1	0.00	1.2	RECEPTACLE	
2495	REEL, ELECTRICAL	COX REELS	EZ-PC13-XXXX-X	8 1/2"	13 1/2"	15"	36																120	1		13.0	RECEPTACLE	
2608	DRILL PRESS, VARIABLE SPEED, 18 INCH	DELTA MACHINERY	18-900L	20"	28"	70"	240																120	1	0.75	8.0	RECEPTACLE	
2678	SANDER, BELT/DISC	POWERMATIC	31A	24"	31 1/2"	54 1/2"	247		400														460	3	2.00	3.5	DISCONNECT	
2690	SAW, BAND, HORIZONTAL, SMALL	WELLSAW	1016	40"	84"	49"	900																460	3	2.00	3.2	DISCONNECT	
2698	SAW, CUTOFF, ABRASIVE, 14 INCH	KALAMAZOO INDUSTRIES INC.	K12-14B	17"	29 1/2"	28 1/2"	250																480	3	5.00	6.0	OUTLET	
2742	WELDER, MIG, PORTABLE	MILLER ELECTRIC MANUFACTURING COMPANY	MILLERMATIC 252	19"	40"	30"	205																460	1		23.0	OUTLET	
2770	SCREEN, WELDING	SINGER SAFETY COMPANY	12A33447	144"	18"	75"	47																					
2835	VISE, 5-1/2 INCH	WMH TOOL GROUP / WILTON	28827	9"	18"	10"	116																					
2875	BUFFER/GRINDER, EIGHT INCH, BENCH MOUNTED	BALDOR	8100W	23 1/2"	11"	13"	99																120	1	0.75	4.6	RECEPTACLE	
2880	BUFFER/GRINDER, EIGHT INCH, WITH DUST COLLECTOR	BALDOR	8252W	25"	24"	42"	295																460	3	0.75	0.7	DISCONNECT	
2897	SHARPENER, MOWER BLADE, WITH DUST COLLECTOR AND BALANCER	MAGNA-MATIC	MAG-8100-05-KIT	24"	24"	68"	0	0															120	1	0.50	15.0	RECEPTACLE	
3086	CABINET, BLASTER, WET	MEDIA BLAST & ABRASIVE, INC.	3630	65"	36"	64"	340									0	7.00	10.00	3/8"	25	50	100	115	1	1.00	9.0	RECEPTACLE	
3719	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM, ON STAND	HOTSY CORPORATION	945N WITH ACCESSORIES	47 1/2"	21"	51"	545				1	4.00	30.00	0.00	No	365000	9.00	14.00					460	3	5.00	8.0	DISCONNECT	
5450	LIFT, TABLE	SOUTHWORTH PRODUCTS	LS2-24	48"	60"	7"	500	2000							Yes								115	1	1.00	17.0	CONTROL PANEL	

LHB
701 WASHINGTON AVE. N, STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

THIS SQUARE APPEARS 1/2"x1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
	06/05/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
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PROJECT NAME:
Roseville MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT SCHEDULES

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q601**

Autodesk Docs://25045 Roseville MOC - LPD25\10450148-01-MOC-South-Q25.rvt
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GENERAL NOTES

1. REFERENCE SHEET Q001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET Q001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET Q001 FOR ALL ABBREVIATIONS

11 24 19 VACUUM EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					MECHANICAL		ELECTRICAL					REMARKS
				OVERALL SIZE					EXHAUST							
		MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	FLOW (CFM)	HEAT REJECT (BTUH)	VAC	PH	HP	A	CONNECTION TYPE	
CF/CI																
3124	DUST COLLECTION SYSTEM, PORTABLE	JET TOOLS	JCDC-1.5	22"	47"	67 1/2"	139				115	1	1.50	14.0	RECEPTACLE	
3279	EXTRACTOR, FUME, PORTABLE, 115 CFM	LINCOLN ELECTRIC	K652-1 W/ ACCESSORIES	27"	16"	13 1/2"	37				120	1	0.50	15.0	RECEPTACLE	
3280	EXTRACTOR, FUME, WELDING, PORTABLE, 800 CFM	AIRFLOW SYSTEMS, INC.	PCH-1 WITH ACCESSORIES	24"	37"	91 1/2"	254				120	1	1.50	15.0	RECEPTACLE	
3291	FUME EXTRACTION ARM, WELDING, 5M, WITH BOOM EXTENTION	NEDERMAN	10560532	72"	48"	48"	73		1000	0						
3291	FUME EXTRACTION ARM, WELDING, WITH BOOM EXTENSION	NEDERMAN	10560332	72"	48"	48"	206		1000	0						

14 45 00 VEHICLE LIFTS EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					PLUMBING	INDUSTRIAL PIPING				ELECTRICAL					REMARKS
				OVERALL SIZE					SANITARY	COMPRESSED AIR									
												PRESSURE (PSI)							
		MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	IW SINK	SIZE (IN)	FLOW (CFM)	MIN.	MAX.	VAC	PH	HP	A	CONNECTION TYPE	
CF/CI																			
5655	LIFT, PLATFORM, VERTICAL RISE	ROTARY	V80-32	402 1/2"	109"	17"	0	80000	Yes									CONTROL CONSOLE	
5655A	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - ROLLING BRIDGE JACKS	ROTARY	RJ36BK	30"	48"	17"	0	36000		3/8"	20	90	110						
5655B	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - LIGHT KIT	ROTARY	V40034	6"	1"	1"								120	1		5.0	CONTROL CONSOLE	
5655C	LIFT, PLATFORM, VERTICAL RISE, FLUSH MOUNTED - CONTROL CONSOLE	ROTARY	MANUFACTURER	27"	26 1/2"	52"	0			3/8"	5	90	110	460	3	20.00	26.0	DISCONNECT	
5660	LIFT, SURFACE MOUNTED, FOUR POST	ROTARY	SM18-L	275 1/2"	138"	78"	3870	18000		3/8"	20	120	240	230	1	2.00	16.0	DISCONNECT	
5712	LIFT, SURFACE MOUNTED, TWIN-POST, 12,000 POUND	ROTARY	SPO12-TA	137 1/2"	124"	164"	2190	12000		1/4"	5	90	120	460	3	2.00	8.6	DISCONNECT	
5730	LIFT, SURFACE MOUNTED, TWIN-POST, ASYMMETRICAL	ROTARY LIFT	SPOA10	161"	110 1/2"	143 1/2"	1600	10000		1/2"	5	90	120	220	1	2.00	20.0	DISCONNECT	
5730A	LIFT, SURFACE MOUNTED, TWIN-POST, ASYMMETRICAL - WHEEL SPOTTING DISH	ROTARY LIFT	FF729-1	12"	10 1/2"	1"													
5870A	JACK STAND, LIFT, PORTABLE (QUANTITY PER EQUIPMENT PLANS)	ARI-HETRA	AB6-20	34"	34"	48"	150	18000											

23 35 16 ENGINE EXHAUST SYSTEMS EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					MECHANICAL		ELECTRICAL					REMARKS
				OVERALL SIZE					EXHAUST							
		MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	FLOW (CFM)	HEAT REJECT (BTUH)	VAC	PH	HP	A	CONNECTION TYPE	
CF/CI																
3461	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE	NEDERMAN	865M	60"	37"	33"	110		300						CONTROL BOX	
3461A	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN - CONTROL BOX	NEDERMAN	89115570								460	3	0.75	7.0	DISCONNECT	
3461B	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN - PENDENT CONTROL	NEDERMAN	20373712								120	1	0.20	1.4	JUNCTION BOX	
3462	REEL, VEHICLE EXHAUST, MOTOR OPERATED, SIX INCH HOSE	NEDERMAN	HD OS	55"	35"	56"	265		600	0	120	1	0.50	3.0	J-BOX	
3462A	REEL, VEHICLE EXHAUST, MOTOR OPERATED, SIX INCH HOSE - EXHAUST FAN	NEDERMAN	14514322	18"	48"	19"			600						CONTROL BOX	
3462B	REEL, VEHICLE EXHAUST, MOTOR OPERATED, SIX INCH HOSE - CONTROL SWITCH	NEDERMAN		2 1/2"	2 1/2"	4"										
3462C	REEL, VEHICLE EXHAUST, MOTOR OPERATED, SIX INCH HOSE - CONTROL BOX	NEDERMAN	89115570								460	3	2.00	3.4	DISCONNECT	

41 22 00 CRANES & HOISTS EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					ELECTRICAL							REMARKS
				OVERALL SIZE												
		MANUFACTURER	MODEL	SPAN (FT-IN)	RUNWAY LENGTH (FT-IN)	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION		
CF/CI																
5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	KONECRANES	CXTS	20' - 11 1/2"	49' - 5 1/2"	42"	7843	10000	460	3	5.30	14.9	DISCONNECT			
5010	CRANE, BRIDGE, TOP RUNNING, 4-TON	KONECRANES	CXTS	58' - 8"	119' - 1"	42"	7843	10000	460	3	5.30	14.9	DISCONNECT			

45 39 00 FABRICATED EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					REMARKS
				OVERALL SIZE					
		MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	
CF/CI									
1091	RACK, TOOL, WALL MOUNTED	FABRICATED	FABRICATED	120"	12 1/2"	4"	0	0	
1860	WORKBENCH, SEVERE USE, SIX FEET	FABRICATED	--	72"	32"	34"	915	2500	
1861	WORKBENCH, SEVERE USE, EIGHT FEET	FABRICATED	FABRICATED	96"	32"	34"	1800	2500	
1862	WORKBENCH, SEVERE USE, TEN FEET	FABRICATED	FABRICATED	120"	32"	34"	1800	2500	

41 34 23.33 SPRAY PAINTING BOOTH EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN		ARCHITECTURAL & STRUCTURAL					MECHANICAL		ELECTRICAL						REMARKS
				OVERALL SIZE					EXHAUST								
		MANUFACTURER	MODEL	L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	FLOW (CFM)	HEAT REJECT (BTUH)	VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION	
CF/CI																	
6080	BOOTH, PAINT, BENCH, OPEN FACE	GLOBAL FINISHING SOLUTIONS	DFBCG-040403-NSB-SP	52"	64"	94"	700		1600								
6080A	BOOTH, PAINT, BENCH, OPEN FACE - CONTROL PANEL	GLOBAL FINISHING SOLUTIONS		9"	24"	36"					460	3	0.75	1.6	DISCONNECT		
6080B	BOOTH, PAINT, BENCH, OPEN FACE - EXHAUST FAN	GLOBAL FINISHING SOLUTIONS		14"	19"	20"			1600		460	3	0.75	1.6	CONTROL PANEL		
6080C	BOOTH, PAINT, BENCH, OPEN FACE - LIGHT KIT	GLOBAL FINISHING SOLUTIONS		40"	24"	1"					277	1			CONTROL PANEL	No	

OF/OI EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION
1215	CHAIR, SHOP, ELECTRONIC, STATIC DISSIPATIVE
3540	TANK, PARTS CLEANING, 15 GALLON
14541	CABINETS, STEEL STOCK
17931	STATION, WELDING, CROSS-DRAFT, EXISTING
18621	WORKBENCH, SEVERE USE, WITH GRINDER AND VICE
19511	CABINET, FLAMMABLE MATERIALS, BENCH TOP
21021	PRESS, HYDRAULIC, 20 TON
21431	PRESS, HYDRAULIC, BENCH MOUNTED, 10-TON
24651	APPLICATOR/ROLLER, VINYL, SIGN, WITH WORK TABLE
24951	REEL, ELECTRICAL
26101	DRILL PRESS, VARIABLE SPEED, 20 INCH
26901	SAW, MITER, BAND
26921	SAW, BAND, 12"
26931	SAW, BAND, VERTICAL
27021	SAW, COMPOUND, MITER, SLIDING, 12 INCH
27022	SAW, COMPOUND, MITER, SLIDING, 12 INCH
27201	SAW, TABLE, MOBILE
27421	WELDER, MIG, PORTABLE
28201	MILL, VERTICAL, BENCH MOUNTED
28701	GRINDER, BLADE, AUTOMATED
30852	CABINET, ABRASIVE BLAST, WITH DUST COLLECTOR
34501	REEL, VEHICLE EXHAUST, MOTOR OPERATED, INDIVIDUAL FAN, FOUR INCH HOSE
51101	CRANE, JIB, FOUNDATION MOUNTED, 4-TON
53951	HOIST, MOTORIZED TROLLEY, 4-TON
58401	LIFT, COLUMN, PORTABLE, WIRELESS
77101	REEL BANK, ONE COMMODITY

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CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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NO	DATE	REVISION

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06/05/26

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PROJECT NAME:
Roseville MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT SCHEDULES

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q602

Autodesk Docs://10450148 Roseville MOC - LIPDS/10450148-01-MOC-South-Q25.rvt
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RENDERING IMAGE

CITY OF ROSEVILLE MAINTENANCE AND OPERATIONS CENTER - NORTH

WOODHILL DRIVE
ROSEVILLE, MN 55113

PROJECT TEAM

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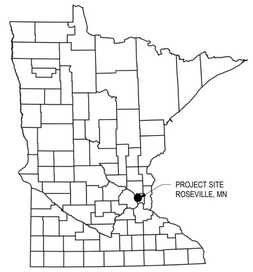
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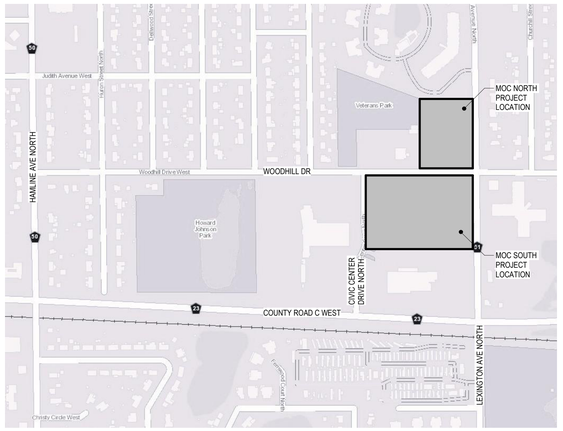
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CONTACT: JAKE MELBOSTAD
E-MAIL:
JAKE.MELBOSTAD@LHBCORP.COM

STATE MAP



LOCATION MAP



MAP DATA ©2026 RAMSEY COUNTY GIS

SHEET INDEX

GENERAL

#	SHEET NAME	SD	DD	CD
G001	PROJECT TITLE SHEET	•		
G004	OVERALL CODE PLAN	•		

CIVIL

#	SHEET NAME	SD	DD	CD
C101	REMOVALS & INITIAL EROSION CONTROL PLAN	•		
C201	UTILITY PLAN	•		
C301	GRADING PLAN	•		
C401	SURFACING & LAYOUT PLAN	•		

LANDSCAPE ARCHITECTURE

#	SHEET NAME	SD	DD	CD
L100	TREE PRESERVATION PLAN	•		
L101	LANDSCAPE PLAN	•		
L500	TREE PROTECTION DETAILS	•		
L501	LANDSCAPE DETAILS	•		

ARCHITECTURAL

#	SHEET NAME	SD	DD	CD
A101	OVERALL FLOOR PLAN	•		
A101A	LEVEL 1 FLOOR PLAN AREA A	•		
A101B	LEVEL 1 FLOOR PLAN AREA B	•		
A101C	LEVEL 1 FLOOR PLAN AREA C	•		
A101D	LEVEL 1 FLOOR PLAN AREA D	•		
A111	OVERALL ROOF PLAN	•		
A201	EXTERIOR ELEVATIONS COLD STORAGE	•		
A202	EXTERIOR ELEVATIONS WASH BAY	•		
A301	BUILDING SECTIONS	•		

EQUIPMENT

#	SHEET NAME	SD	DD	CD
Q001	EQUIPMENT ABBREVIATIONS, NOTES & SYMBOLS	•		
Q101	OVERALL EQUIPMENT PLAN - NORTH MOC	•		
Q101C	EQUIPMENT PLAN - NORTH MOC - AREA C	•		
Q101D	EQUIPMENT PLAN - NORTH MOC - AREA D	•		
Q301	WASH BAY EQUIPMENT SECTION	•		
Q601	EQUIPMENT SCHEDULE	•		
QF001	GENERAL NOTES, LEGEND, AND ABBREVIATIONS	•		
QF101	OVERALL FUELING EQUIPMENT PLAN - NORTH MOC	•		
QF101A	FUELING EQUIPMENT PLAN - NORTH MOC - AREA A	•		
QF101D	FUELING EQUIPMENT PLAN - NORTH MOC - AREA D	•		
QF601	FUELING SCHEDULES	•		

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HDR
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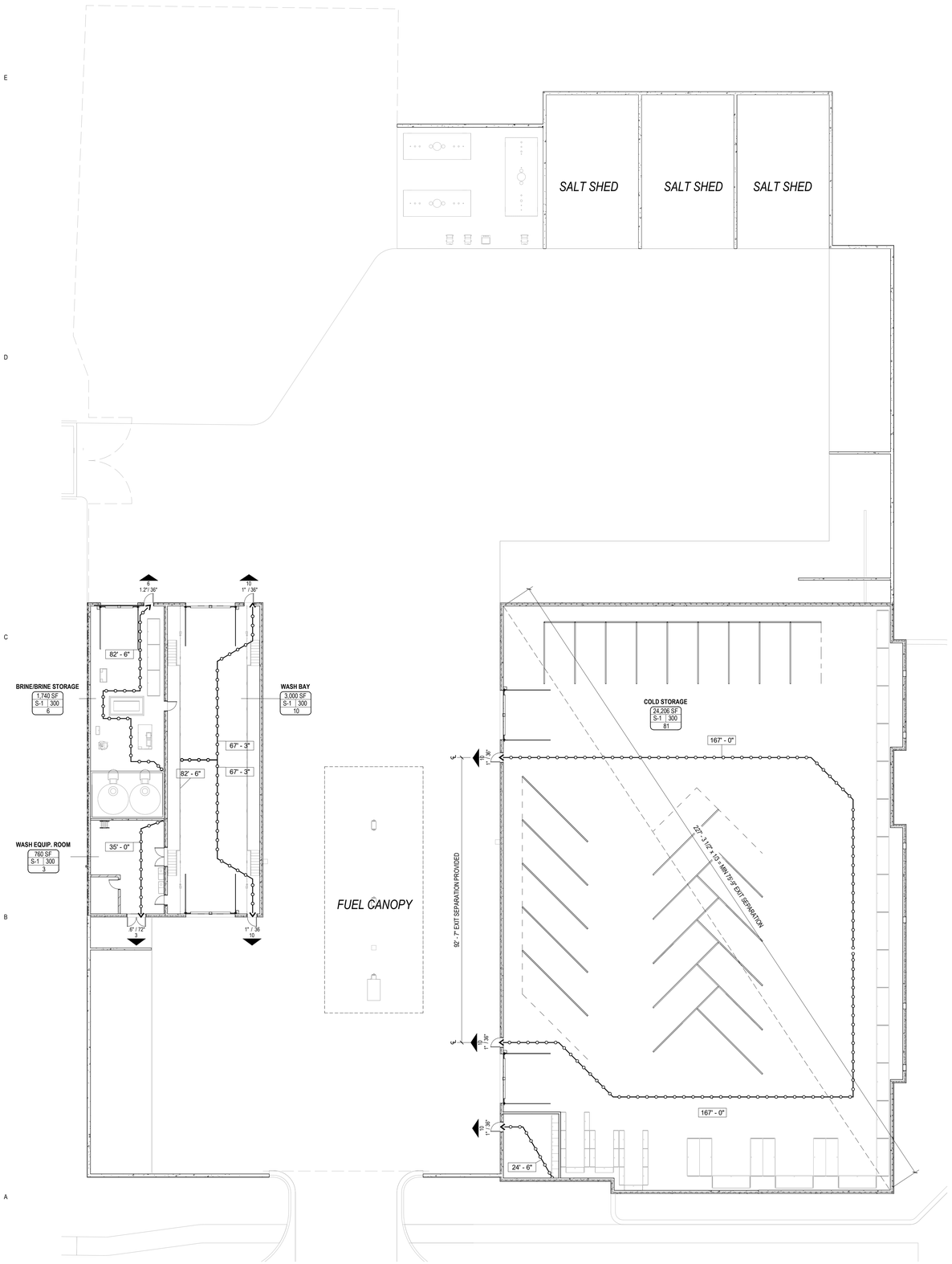
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
PROJECT TITLE SHEET

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **G001**

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A1 OVERALL CODE PLAN
G004 1/16" = 1'-0"

GENERAL CODE / LIFE SAFETY NOTES

A. SPECIAL INSPECTIONS AS IDENTIFIED BY IBC CHAPTER 17 ARE NOT REQUIRED FOR THIS PROJECT.

B. REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGN LOCATIONS.

CODE LEGEND

CODE OCCUPANCY TAG

PARKING — OCCUPANCY DESCRIPTION
1,920 GSF — SQUARE FOOTAGE
S-2 | 300 — OCCUPANT LOAD FACTOR
5 — BUILDING/AREA OCCUPANCY CLASSIFICATION
OCCUPANT LOAD

EXIT TAG

100 — INDICATES EGRESS EXIT
24" | 36" — OCCUPANTS
PROVIDED EXIT WIDTH
REQUIRED EXIT WIDTH

TRAVEL DISTANCE PATH

EXIT ACCESS TRAVEL DISTANCE
COMMON PATH OF TRAVEL DISTANCE
DEAD END CORRIDOR DISTANCE

EXIT SIGNAGE

EXIT SIGN (CEILING MOUNTED)
EXIT SIGN (WALL MOUNTED)
EMERGENCY BATTERY LIGHT
REMOTE EMERGENCY BATTERY LIGHT

FIRE RATING KEY

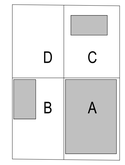
WALL RATING
1hFP
FIRE SEPARATION CATEGORY
FP FIRE PARTITION
FB FIRE BARRIER
FW FIRE WALL
SW SHAFT WALL (FIRE BARRIER)
SP SMOKE PARTITION
SB SMOKE BARRIER
** STRUCTURAL PROTECTION REQUIRED BY TABLE 602.1.; SEE NOTE BELOW

MNBC 602.1 .."WHERE REQUIRED TO HAVE A *FIRE-RESISTANCE* RATING BY TABLE 601, BUILDING ELEMENTS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTION 703.2. THE PROTECTION OF OPENINGS, DUCTS AND AIR TRANSFER OPENINGS IN BUILDING ELEMENTS SHALL NOT BE REQUIRED UNLESS REQUIRED BY OTHER PROVISIONS OF THIS CODE."

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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

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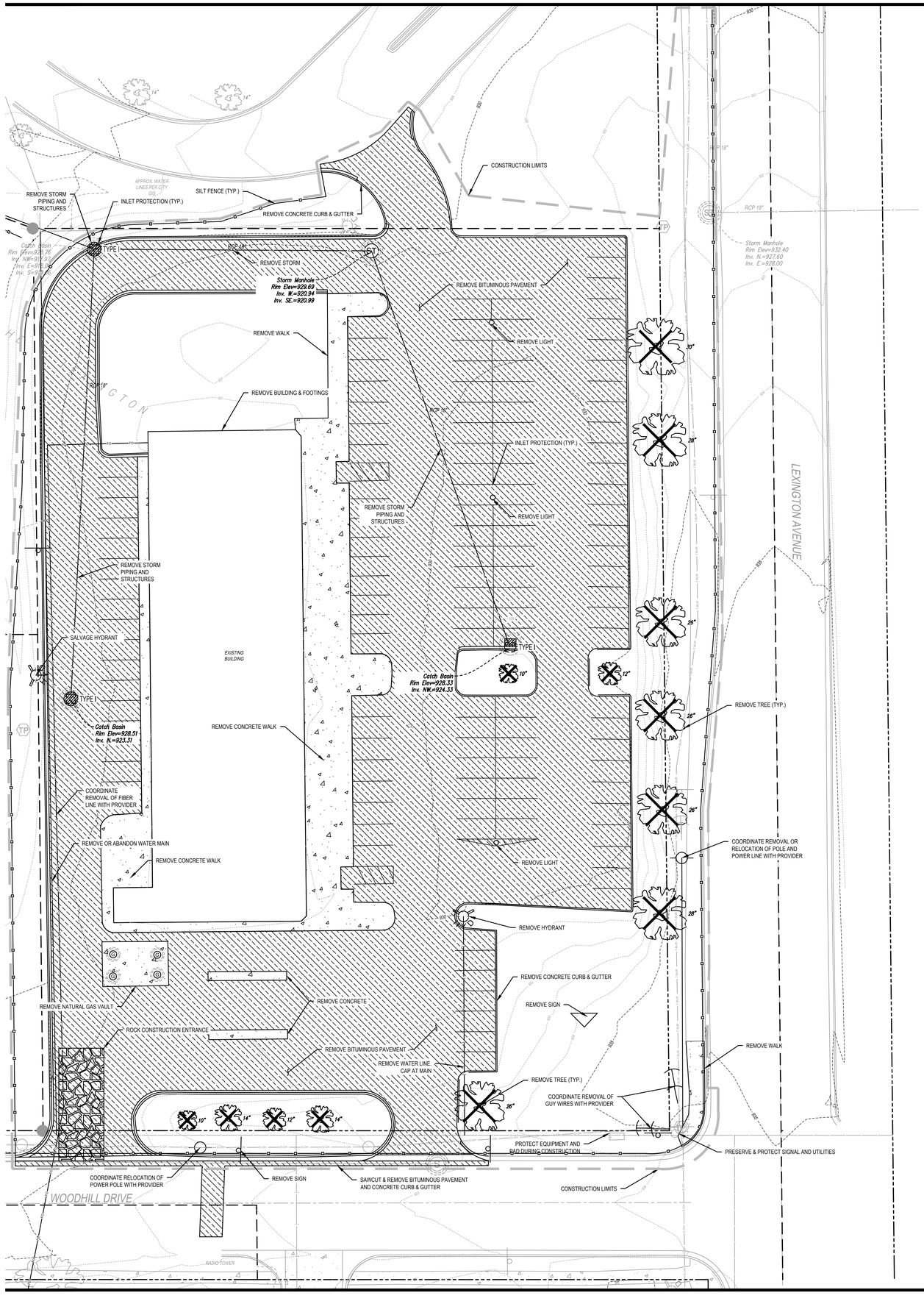
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
OVERALL CODE PLAN

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **G004**

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LEGEND

- CONSTRUCTION LIMITS
- ROCK CONSTRUCTION ENTRANCE, SEE X/C501
- SILT FENCE, SEE X/C501
- TYPE I — INLET PROTECTION, SEE X/C501
- TREE PROTECTION, SEE X/C501
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE
- CLEAR & GRUB
- REMOVE TREE

GENERAL NOTES

1. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL WORK IN THE RIGHT-OF-WAY. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL WHILE WORKING WITHIN THE RIGHT-OF-WAY.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING. SEE PROJECT MANUAL FOR REQUIREMENTS.
3. THE CONTRACTOR SHALL VERIFY THE PROJECT LOCATION WITH SITE INTERFACES INCLUDING BUT NOT LIMITED TO UTILITIES, SIDEWALKS, EXISTING GRADES AND PROPOSED GRADES. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO EXECUTING THE WORK. NOTIFY THE ENGINEER IF FIELD CONDITIONS VARY FROM THE PLAN.
4. ALL BITUMINOUS AND CONCRETE REMOVAL LIMITS SHALL BE SAW CUT TO A NEAT LINE PRIOR TO PLACEMENT OF ANY NEW MATERIAL AGAINST EXISTING EDGES.
5. REMOVE ALL CONCRETE PAVEMENT, CONCRETE CURB AND CONCRETE CURB AND GUTTER TO NEAREST EXISTING JOINT. PARTIAL PANEL REPLACEMENT IS NOT PERMITTED. ANY PANEL DAMAGED DUE TO CONSTRUCTION ACTIVITIES SHALL BE FULLY REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
6. ALL EXISTING AND PROPOSED STRUCTURE ACCESS COVERS SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
7. THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING PAVEMENTS DESIGNATED TO REMAIN. ANY PAVEMENTS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

EROSION CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL ON THIS PROJECT. THE EROSION CONTROL DEVICES SHOWN IN THESE DRAWINGS ARE THE MINIMUM REQUIREMENTS. CONSTRUCT EROSION CONTROL DEVICES AS SHOWN AND AS NECESSARY TO PREVENT THE RUNOFF. TRACKING OR LOSS OF SOIL MATERIALS FROM DISTURBED AREAS ON THE PROJECT SITE.
2. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE ANY LAND IS OTHERWISE DISTURBED ON THE SITE.
3. THE SPECIFIED EROSION AND SEDIMENT CONTROL PRACTICES ARE THE MINIMUM. ADDITIONAL SEDIMENT CONTROL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.
4. PUBLIC AND PRIVATE DRIVES SHALL BE SWEPT CLEAR AS NEEDED TO KEEP THE PAVEMENT CLEAR OF SEDIMENT AND CONSTRUCTION DEBRIS.
5. REFER TO SHEET C102 FOR EROSION AND SEDIMENT CONTROL TO BE INSTALLED AFTER CONSTRUCTION OF SITE FEATURES.
6. CONTRACTOR TO LOCATE CONCRETE WASHOUT FACILITY ON SITE AND PROTECT SITE AND ADJACENT PROPERTY FROM CONCRETE WASHOUT RUNOFF.

WARNING

LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
CALL BEFORE DIGGING

MINNESOTA ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY MN STATUTE 216D

0 10' 20' 40'

LHB
701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
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NO	DATE	REVISION

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06/04/2026

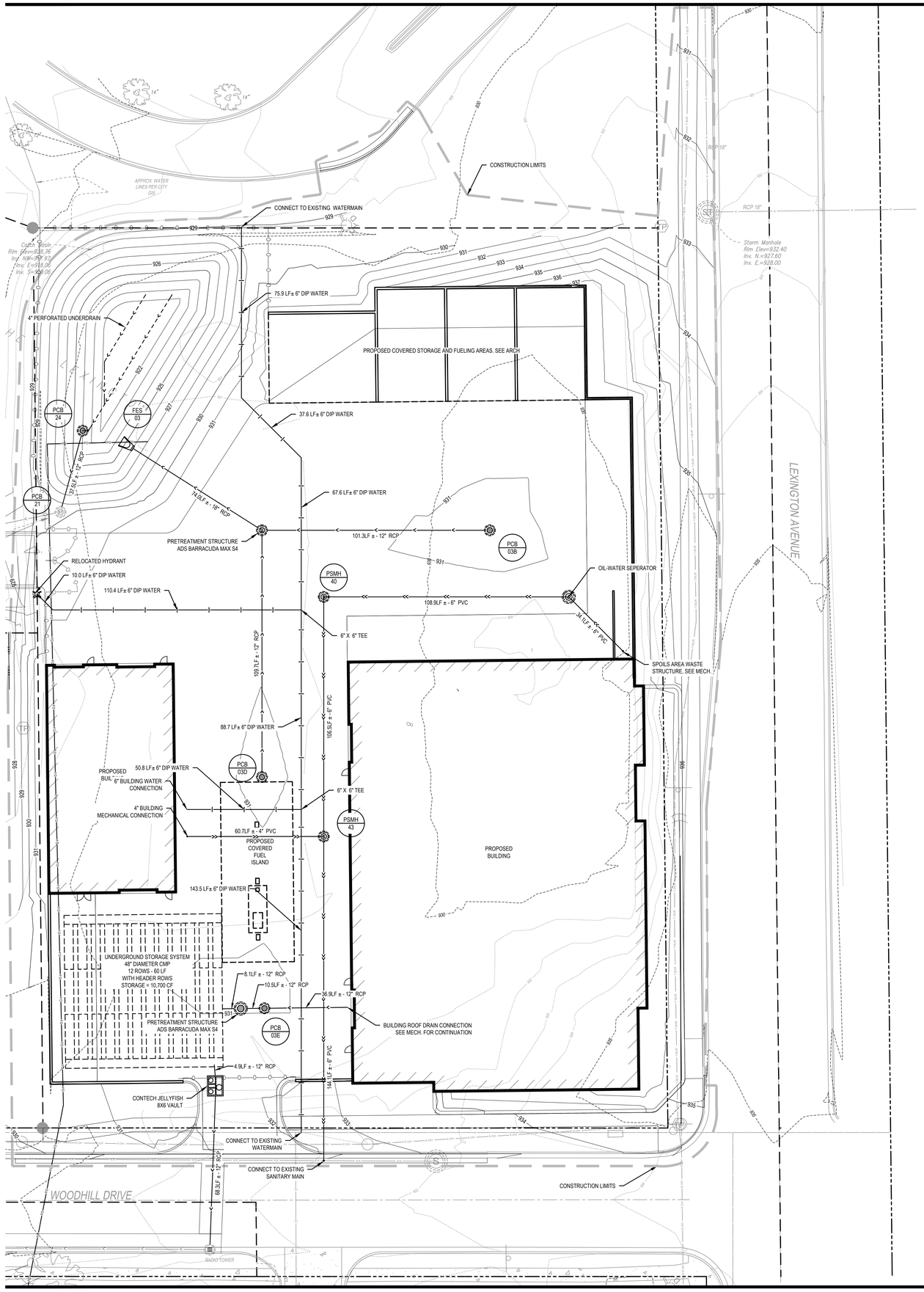
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
REMOVALS & INITIAL EROSION CONTROL PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 25485
DRAWING NO: **C101**

File Path: ...25\25485\00 Drawings\Civil\Sht\NE #\#SHEAD\SHEAD_C101 Removals & E/C.dwg
Plot Date: 6/4/2026 4:02 PM



LEGEND

- CONSTRUCTION LIMITS
- STORM SEWER
- DRAINTILE
- CATCH BASIN
- STORM MANHOLE
- FLARED END SECTION
- PRECAST SPLASHBLOCK
- SPLASHBLOCK, SEE X/C50X
- BASIN CLEANOUT, SEE X/C50X
- RAIN GUARDIAN, SEE X/C50X
- TRENCH DRAIN
- DRAINTILE OUTLET, MNDOT 3131C
- SANITARY SEWER
- SANITARY MANHOLE
- CLEANOUT, SEE X/C50X
- WATER SERVICE
- GATE VALVE, SEE X/C50X
- CURBSTOP, SEE X/C50X
- HYDRANT, SEE X/C50X
- THRUST BLOCK, SEE X/C50X
- FIRE DEPARTMENT CONNECTION

GENERAL NOTES

1. EXISTING UTILITIES ARE BASED ON RECORD DRAWINGS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ENGINEER. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. UTILIZE THE "GOPHER STATE ONE CALL SYSTEM" (1-800-252-1166) TO HAVE PUBLIC UTILITIES LOCATED WITHIN THE CONSTRUCTION LIMITS. CONTACT THE OWNER TO LOCATE PRIVATE UTILITIES LOCATED WITHIN THE CONSTRUCTION LIMITS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS.
2. SITE LIGHTING IS SHOWN FOR LOCATION ONLY. REFER TO ELECTRICAL SITE PLAN FOR ELECTRICAL ROUTING AND ADDITIONAL REQUIREMENTS.
3. UNLESS OTHERWISE NOTED, ALL UTILITY TRENCHES SHALL BE CONSTRUCTED PER X/C50X. WATERMAIN SHALL BE CONSTRUCTED PER X/C50X.
4. ADJUST ALL RISERS AND CASTINGS TO FINISH GRADE.
5. PREVENT CONSTRUCTION SEDIMENT, DIRT & DEBRIS FROM ENTERING INFILTRATION BMPS.
6. TRACER WIRE SHALL BE INSTALLED PER X/C50X AND AND INDICATED IN THE PROJECT MANUAL SECTION 33 3113.
7. UTILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF CITY STANDARD SPECIFICATIONS AND DETAIL PLATES.

SEE C201 ALT FROM LCPDS SET FOR ALTERNATE STORM WATER IRRIGATION/REUSE OPTION TO BE PRICED.

PROVIDE SF PRICING FOR GREEN ROOF TO BE INSTALLED ON NEW BUILDINGS AS AN ALTERNATIVE TO UNDERGROUND STORAGE

WARNING

LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
CALL BEFORE DIGGING

MINNESOTA ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY MN STATUTE 216D

0 10' 20' 40'

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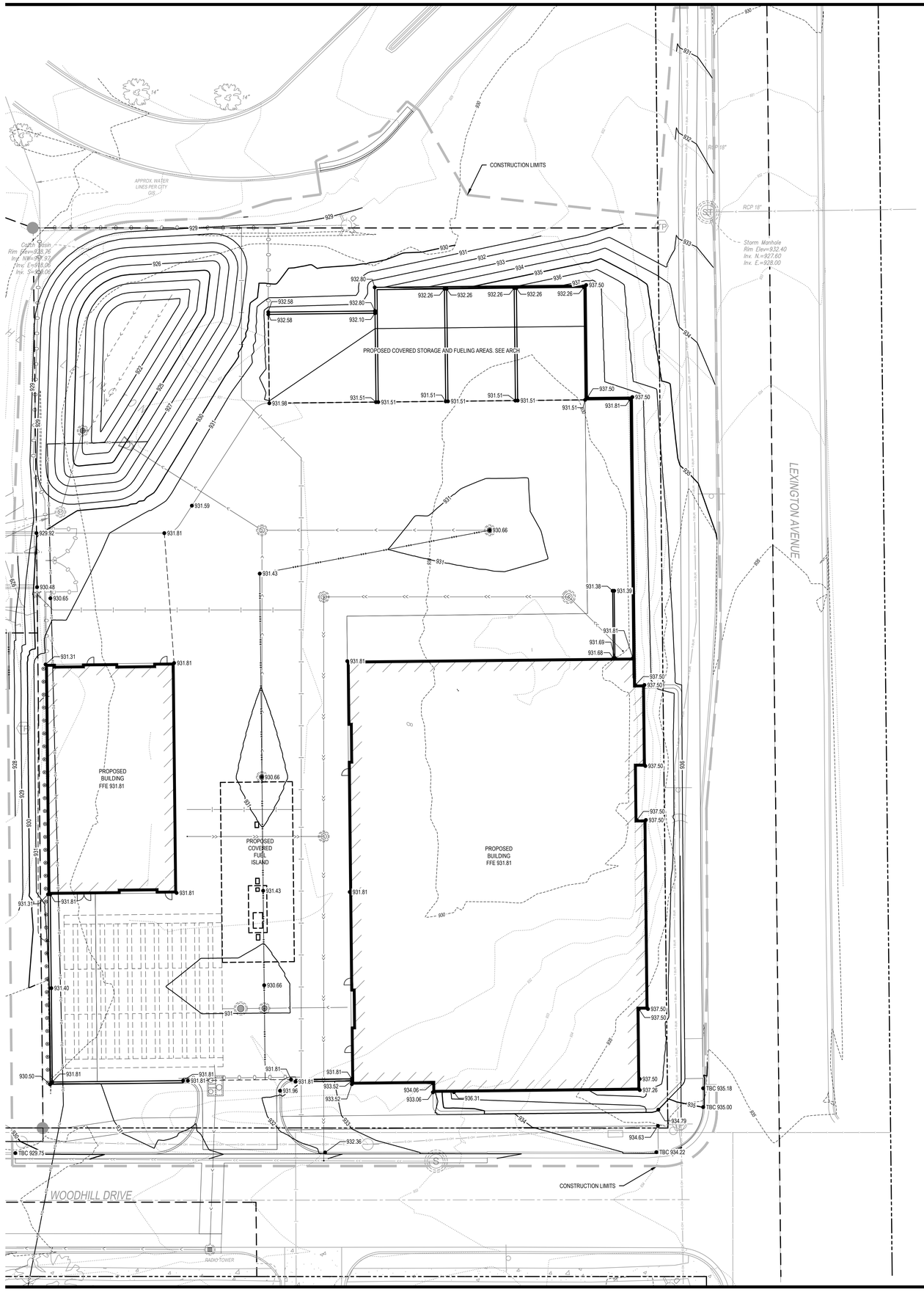
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
UTILITY PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO.: 250485
DRAWING NO.: **C201**

File Path: ...250485000\Drawings\Civil\03 NE #ES\250485.03 C201 Utility Plan.dwg
Plot Date: 6/4/2026 4:02 PM



LEGEND

- CONSTRUCTION LIMITS
- MAJOR CONTOUR (5' INTERVAL)
- MINOR CONTOUR (1' INTERVAL)
- SLOPE ARROW
- 863.25 SPOT ELEVATION
- GRADE BREAK
- SWALE
- REVERSE GUTTER CURB
- ADA CRITICAL AREA 2% MAX IN ANY DIRECTION

ABBREVIATIONS

EO	EMERGENCY OVERFLOW
FFE	FIRST FLOOR ELEVATION
HWL	HIGH WATER LEVEL
HP	HIGH POINT
LP	LOW POINT
MP	MID POINT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PRC	POINT OF REVERSE CURVATURE
PR	POINT OF TANGENT
TBC	TOP BACK OF CURB
BC	BACK OF CURB
B/S	BOTTOM OF STAIRS
T/S	TOP OF STAIRS
B/W	BOTTOM OF WALL
T/W	TOP OF WALL

GENERAL NOTES

1. GRADES SHOWN ARE FINISH SURFACE ELEVATIONS UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL MAKE APPROPRIATE DEDUCTIONS FOR VARYING SURFACES TO DETERMINE SUBGRADE ELEVATIONS.
2. SPOT ELEVATIONS ALONG CURB LINES REPRESENT THE TOP BACK OF CURB UNLESS OTHERWISE NOTED.
3. UNLESS NOTED OTHERWISE, GRADES ADJACENT TO THE BUILDING WALL SHALL BE 8" BELOW FINISH FLOOR ELEVATION IN LANDSCAPED AREAS AND AT FINISH FLOOR ELEVATION FOR PAVED AREAS.
4. ALL EXISTING AND PROPOSED STRUCTURE ACCESS COVERS SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
5. CONTRACTOR SHALL STOP WORK IMMEDIATELY IN THE AFFECTED AREA AND NOTIFY THE OWNER IF CONTAMINANTS ARE FOUND IN THE EXISTING SOILS.
6. SIDEWALK CROSS-SLOPES SHALL NOT EXCEED 2.0%. CROSS-SLOPES OF AT LEAST 1.5% IN THE GENERAL DIRECTION OF THE OVERALL SITE SLOPE WILL BE ACHIEVED IN AREAS WHERE LONGITUDINAL SLOPES ARE LESS THAN 1.5%.
7. ONLY PLACE FILL MATERIALS ON COMPETENT, INSPECTED SUBGRADE.
8. IN AREAS WHERE NEW FILL IS TO BE PLACED ON SLOPING GROUND, BENCHING THE SURFACE SHALL BE COMPLETED PRIOR TO PLACING THE FILL. BENCHING SHALL BE COMPLETED WHERE SLOPES ARE STEEPER THAN 4:1 (HORIZONTAL:VERTICAL)
9. SEE SHEETS C101-102 FOR THE SEDIMENTATION AND EROSION CONTROL PLANS.
10. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREA. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS, AND MAINTAIN ALL EXISTING DRAINAGE PATTERNS.
11. REFER TO LANDSCAPE PLANS FOR AREAS TO RECEIVE PERMANENT SEED, SOD, TREES AND SHRUBS, ETC.
12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL MANHOLES STRUCTURES AND APPURTENANCES THAT FALL WITHIN THE LIMITS OF THIS CONTRACT. THE CONTRACTOR SHALL KEEP ALL SAID EXISTING UTILITIES AND THEIR APPURTENANCES FREE OF DEBRIS AND OPERABLE AT ALL TIMES DURING CONSTRUCTION.
13. ALL GRADE WITHIN THE LANDSCAPED AREAS SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL AND HAVE A MINIMUM GRADE OF 2%, UNLESS OTHERWISE NOTED. AROUND THE BUILDING SHALL BE GRADED AT 5% FOR 10'. GRADED SWALES MUST HAVE A MINIMUM BOTTOM SLOPE OF 2.0%.
14. PREVENT CONSTRUCTION SEDIMENT, DIRT AND DEBRIS FROM ENTERING ALL FILTRATION BMPS.

CAUTION!!!

EACH SUB CONTRACTOR SHALL VERIFY GRADES PRIOR TO INSTALLING ANY BUILDING ELEMENT. MAINTAIN ALL ACCESSIBLE ROUTES IN ACCORDANCE WITH THE MINNESOTA ACCESSIBILITY CODE. ADJUST GRADES AS NECESSARY FOR ANY FIELD CHANGES OR EXISTING CONDITIONS TO MAINTAIN ALL SLOPES BELOW CODE MAXIMUMS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. ANY PAVEMENTS OR WALKS INSTALLED OUTSIDE OF CODE PARAMETERS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.

WARNING

LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
CALL BEFORE DIGGING

MINNESOTA ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY MN STATUTE 216D

0 10' 20' 40'

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701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

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2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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NO	DATE	ISSUED FOR
1	06/04/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
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06/04/2026

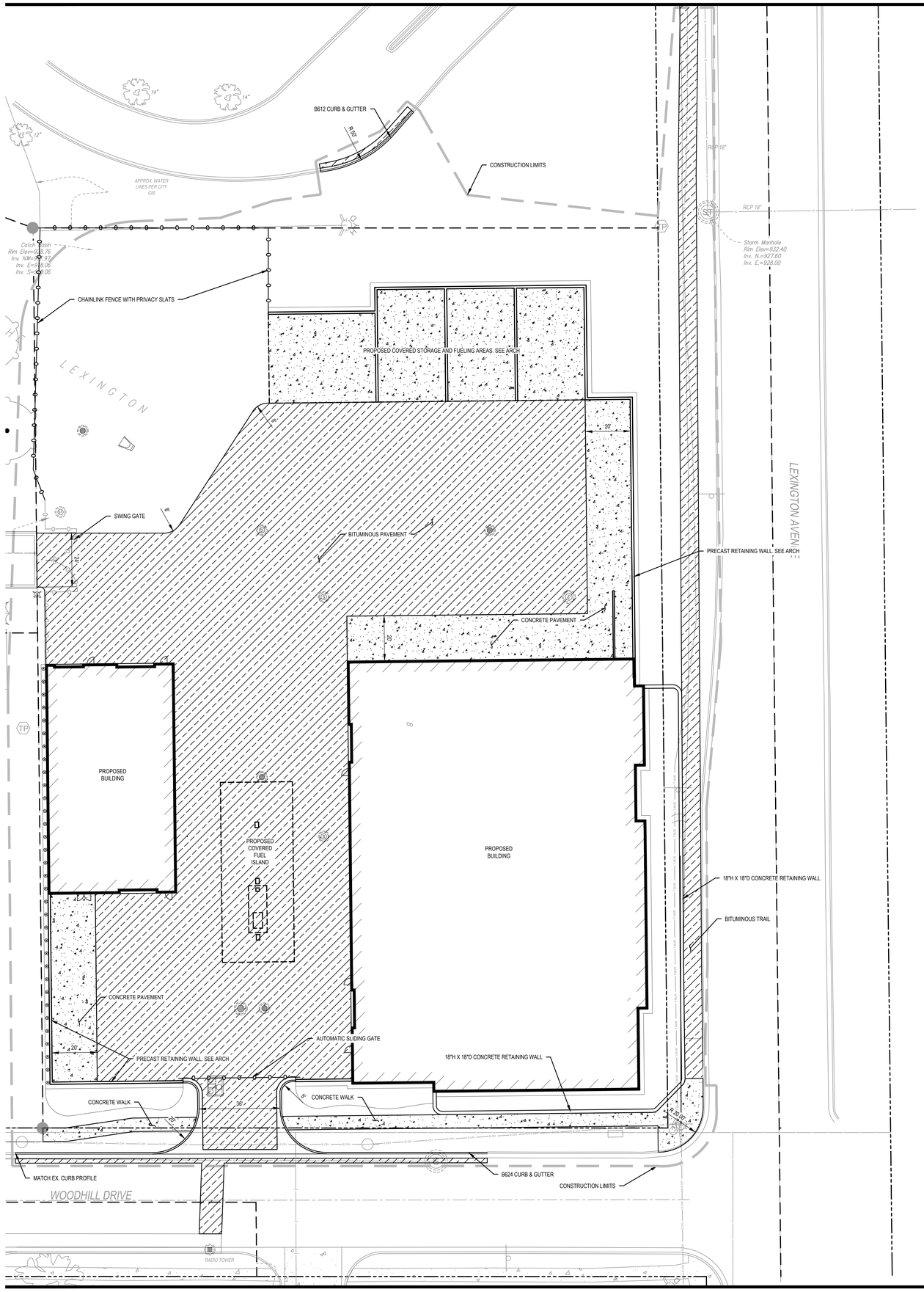
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
GRADING PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 25485
DRAWING NO: **C301**

File Path: ...\25485000 Drawings\Civil\02 ARE\25485L02 C301 Grading Plan.dwg
Plot Date: 6/4/2026 4:03 PM



LEGEND

- CONSTRUCTION LIMITS
- HEAVY DUTY BITUMINOUS PAVEMENT. SEE 1/C502, INSET A
- CONCRETE PAVEMENT. SEE 1/C502, INSET B
- CONCRETE WALK. SEE 1/C502, INSET C
- REVERSE CURB & GUTTER
- SURFACING CONTROLLED BY OTHER DISCIPLINES
- LIGHT POLE, REFER TO ELECTRICAL

GENERAL NOTES

1. REFER TO C402 FOR SIGNAGE AND PAVEMENT STRIPING.
2. REFER TO L101 FOR PERMANENT TURF ESTABLISHMENT REQUIREMENTS.
3. SITE LIGHTING IS SHOWN FOR LOCATION ONLY. REFER TO ELECTRICAL FOR ADDITIONAL REQUIREMENTS.
4. PREVENT FORM DAMAGE ALL SURFACES OUTSIDE THE CONSTRUCTION LIMITS. RESTORE ALL DISTURBED AREAS DUE TO CONSTRUCTION ACTIVITIES TO PRE-CONSTRUCTION CONDITION UNLESS OTHERWISE NOTED IN THE DRAWINGS.
5. ADJUST ALL CASTINGS, VALVE BOXES AND JUNCTION BOXES TO FINISH GRADE.
6. PROVIDE BITUMINOUS TACK COAT BETWEEN PROPOSED BITUMINOUS PAVEMENTS AND ALL ADJACENT CONCRETE OR BITUMINOUS SURFACES.
7. PROVIDE BITUMINOUS TACK COAT BETWEEN THE WEARING AND NON-WEARING COURSES FOR ALL PROPOSED BITUMINOUS PAVEMENTS.

WARNING

LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR.
CALL BEFORE DIGGING

MINNESOTA ONE-CALL SYSTEM
1-800-252-1166
REQUIRED BY MN STATUTE 216D

0 10' 20' 40'

LHB
701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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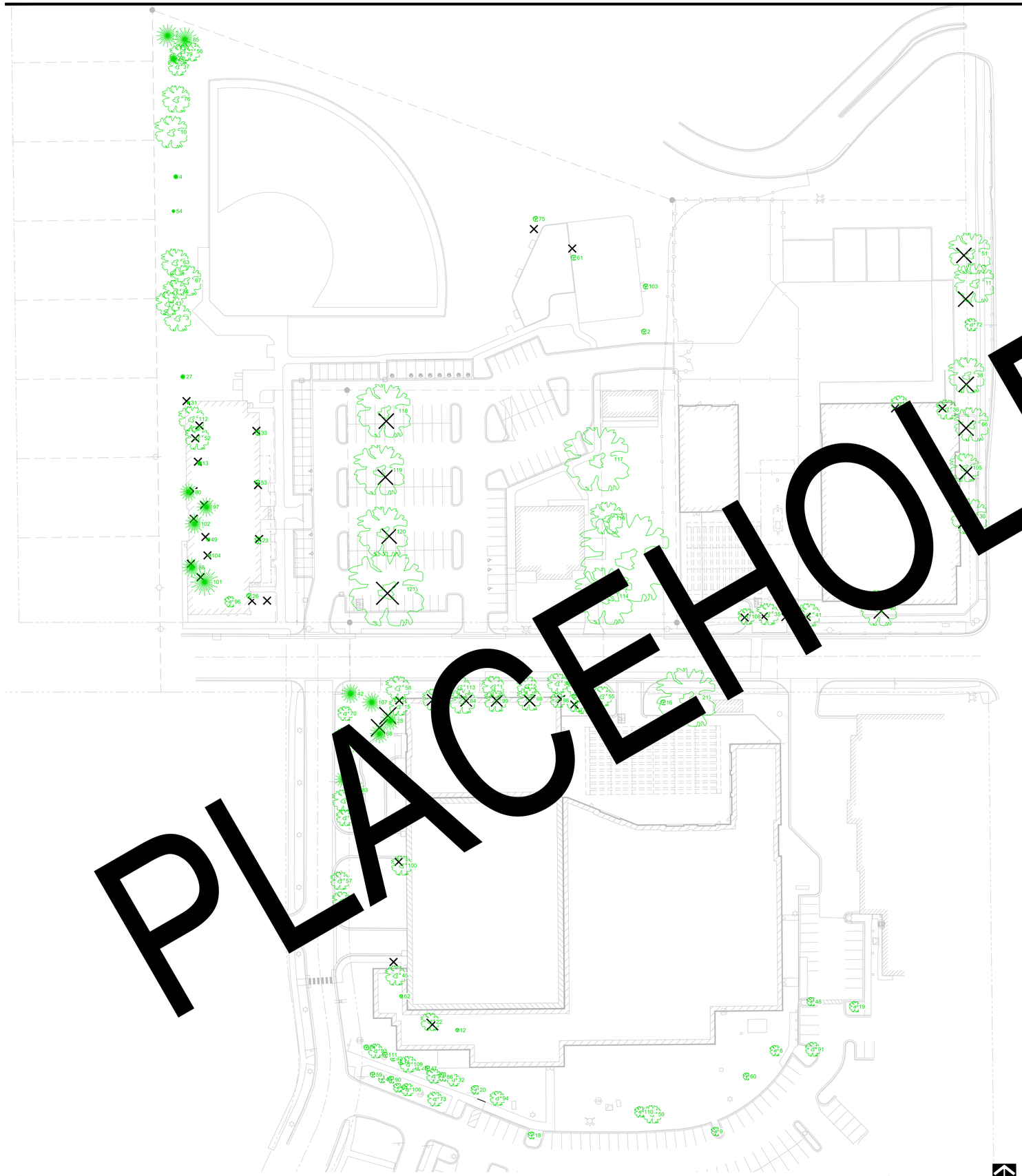
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
SURFACING & LAYOUT PLAN

DRAWN BY: DPG
CHECKED BY: JTC
PROJ. NO: 25485
DRAWING NO: **C401**

File Path: ...\25485000 Drawings\Civil\01 NE AREA\25485L01 C401 Surfacing Plan.dwg
Plot Date: 6/4/2026 4:03 PM



Tree #	Site	Classification	Species	DBH	Condition	Stems2	Status	Replacement
13	LPCDS	Exempt	Fir Balsam Abies balsamea	3	Good	1	Remove	0
23	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	4	Fair	1	Remove	0
26	LPCDS	Exempt	Lilac Japaneses Tree Syringa reticulata	3	Fair	1	Remove	0
27	LPCDS	Exempt	Spruce White Picea glauca	3	Good	1	Remove	0
31	LPCDS	Exempt	Spruce White Picea glauca	2	Fair	1	Remove	0
33	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1	Remove	0
49	LPCDS	Exempt	Serviceberry Amelanchier	2	Fair	Multi	Remove	0
52	LPCDS	Exempt	Ash Green Fraxinus pennsylvanica	13	Fair	1	Remove	0
53	LPCDS	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1	Remove	0
80	LPCDS	Common	Spruce White Picea glauca	10	Fair	1	Remove	0.5
88	LPCDS	Exempt	Spruce Colorado Picea pungens	11	Fair	1	Remove	0
96	LPCDS	Common	Lilac Japaneses Tree Syringa reticulata	6	Fair	1	Remove	0.5
97	LPCDS	Exempt	Spruce Colorado Picea pungens	11	Fair	1	Remove	0
101	LPCDS	Exempt	Spruce Colorado Picea pungens	[illegible]	Good	1	Remove	0
102	LPCDS	Common	Spruce White Picea glauca	[illegible]	Fair	1	Remove	0.5
104	LPCDS	Exempt	Serviceberry Amelanchier	2	Fair	Multi	Remove	0
112	LPCDS	Exempt	Ash Green Fraxinus pennsylvanica	14	Fair	1	Remove	0
2	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1		
3	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	15	Poor	1		
4	Veterans Park	Exempt	Fir Balsam Abies balsamea	[illegible]	Good	1		
7	Veterans Park	Significant	Spruce White Picea glauca	13	[illegible]	1		
10	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	18	Poor			
24	Veterans Park	Common	Spruce White Picea [illegible]	6	Good			
[illegible]	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	13	Poor	1		
[illegible]	Veterans Park	Common	Mulberry, Black Morus nigra	[illegible]	Fair	1		
43	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	[illegible]	Poor	1		
54	Veterans Park	Exempt	Spruce White Picea glauca	2	Good	1		
56	Veterans Park	Common	Mulberry, Black Morus nigra	11	Fair	1		
[illegible]	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1		
[illegible]	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	15	Poor	1		
[illegible]	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	17	Poor	1		
75	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	Good	1		
76	Veterans Park	Exempt	Ash Green Fraxinus pennsylvanica	15	Poor	1		
79	Veterans Park	Common	Mulberry, Black Morus nigra	11	Fair	1		
[illegible]	Veterans Park	Significant	Spruce White Picea glauca	14	Fair	1		
103	Veterans Park	Exempt	Buckeye Ohio Aesculus glabra	3	Fair	1		

1 TREE PRESERVATION PLAN
Scale: 1"=40'

0 20' 40' 80'

WARNING
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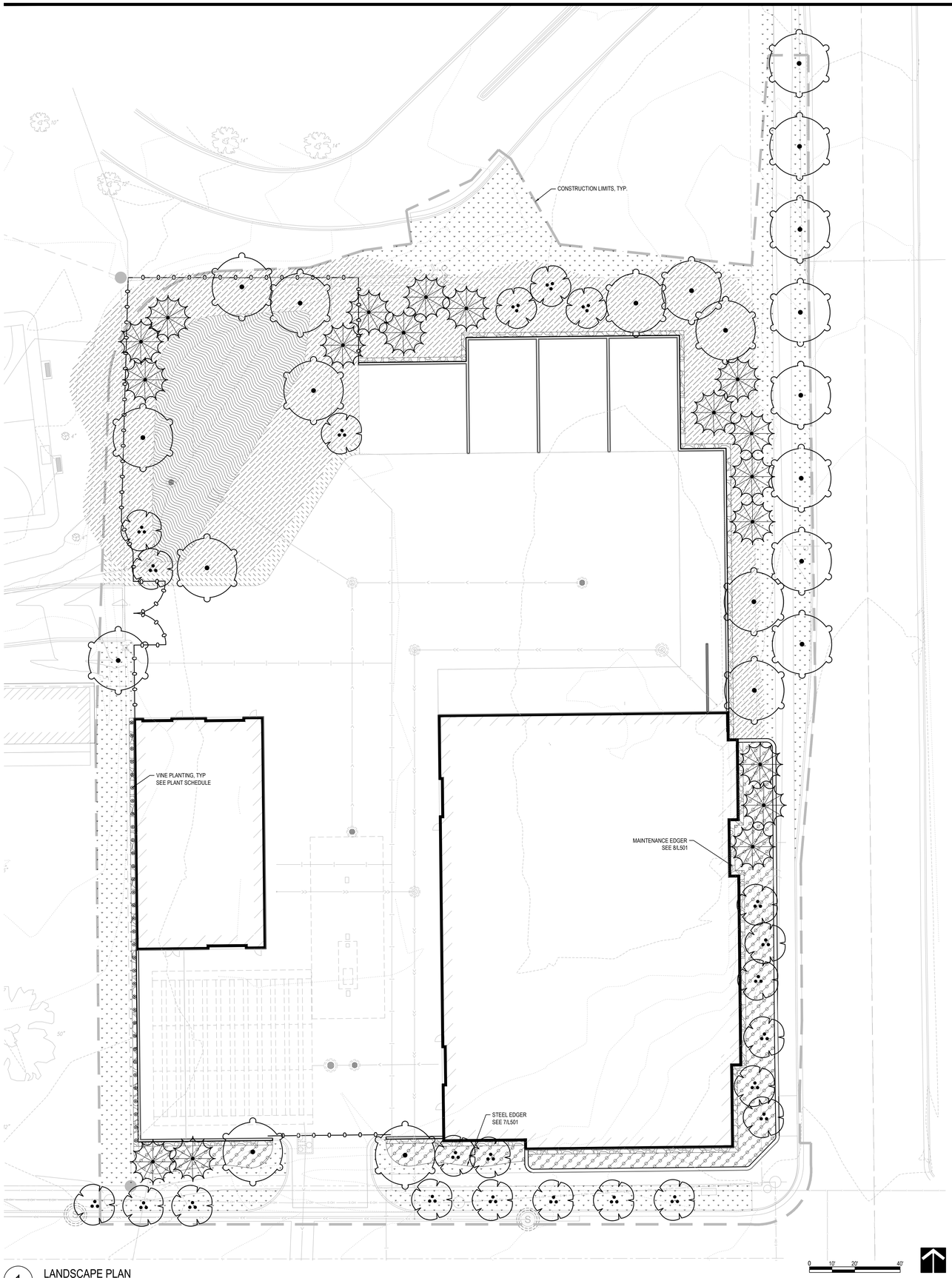
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
TREE PRESERVATION PLAN

DRAWN BY: KAT
CHECKED BY: JSV
PROJ. NO: 25485
DRAWING NO: L100

File Path: ...\25485500 Drawings\LA\25485 MOC\L100 Landscape Plan.dwg
Plot Date: 6/4/2026 5:01 PM



1 LANDSCAPE PLAN
Scale: 1"=20'

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT
CONIFEROUS CANOPY TREE				
	CT	18	Coniferous Tree	6' HT
DECIDUOUS CANOPY TREE				
	DT	21	Deciduous Tree	3" B&B
ORNAMENTAL TREE				
	OT	21	Ornamental Tree	1 1/2" B&B
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
SHRUBS				
	PQ	33	Parthenocissus quinquefolia / Virgina Creeper	#1 CONT
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	
GROUND COVERS				
	BB	4,735 sf	Basin Bottom Native Seed Mix / With Perennial Plugs 24" O.C.	
	LS	14,354 sf	Lawn Sod	
	LM	811 sf	Low Maintenance Turf	
	ME	1,889 sf	Maintenance Edger	
	NSP	4,268 sf	Native Seed Mix / With Shrubs & Perennial Plugs 36" O.C. Assume plants are 10% #5 CONT shrubs, 40% #1 CONT perennials, and 50% 4" pots	
	NS	16,735 sf	Native Seed Mix	

LANDSCAPE NOTES

GENERAL LANDSCAPE NOTES:

1. THIS DRAWING DOES NOT CONSTITUTE AN OFFICIAL SURVEY OF THE SITE. CONFIRM ALL LOCATIONS OF SURFACE AND SUB-SURFACE FEATURES BEFORE BEGINNING INSTALLATION. ADVISE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
2. THE PLAN TAKES PRECEDENCE OVER THE PLANT SCHEDULE IF DISCREPANCIES EXIST. ADVISE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
3. CONFIRM ALL QUANTITIES, SHAPES, AND LOCATIONS OF LANDSCAPE AREAS, AND ADJUST TO CONFORM TO THE SITE CONDITIONS. CONFIRM ANY ADJUSTMENTS WITH THE LANDSCAPE ARCHITECT.
4. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH PLANT INSTALLATION.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL MULCHES AND SOIL QUANTITIES TO COMPLETE THE WORK SHOWN IN THE DRAWINGS. VERIFY ALL QUANTITIES SHOWN ON THE PLANT SCHEDULE.
   5.1. REFER TO SPECIFICATION SECTION 31 2323 FILL FOR SOIL TYPES AND REQUIREMENTS. DO NOT BEGIN PLANTING OPERATIONS IF SOIL CONDITIONS ARE NOT AS SPECIFIED.
   5.2. REFER TO SPECIFICATION SECTION 32 9300 FOR MULCH TYPES AND REQUIREMENTS.
6. LANDSCAPE BED AREAS TO CONTAIN SHRUBS AS SHOWN ON SHEET L102 AND HARDWOOD MULCH AND PLANTING SOIL AT DEPTHS IDENTIFIED IN DETAIL 4/L501.
7. BASIN BOTTOM NATIVE SEED MIX AREAS TO CONTAIN PERENNIAL PLUG PLANTINGS AS OUTLINED IN DETAIL 7/L501. REFER TO CIVIL FOR REQUIRED SOIL DEPTHS FOR BIOFILTRATION BASINS.
8. REMOVE FROM THE SITE ALL TURF WHICH HAS BEEN REMOVED FOR NEW PLANT BEDS. LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE IS NOT ALLOWED.
9. STAKE TREE AND PLANTING BED LAYOUT IN-FIELD FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO PLANTING OPERATIONS

PROTECTIONS

10. PROTECT EXISTING TREES. DO NOT STORE OR DRIVE HEAVY MATERIALS OVER TREE ROOTS. DO NOT DAMAGE TREE BARK OR BRANCHES. REFER TO SHEET L500 FOR TREE PROTECTION REQUIREMENTS.
11. KEEP PAVEMENTS, FIXTURES AND BUILDINGS CLEAN AND UNSTAINED. ANY DAMAGE TO EXISTING FACILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. KEEP THE PROJECT SITE CLEAR OF CONSTRUCTION WASTES AND DEBRIS.
12. PROVIDE AND MAINTAIN INLET AND PERIMETER EROSION CONTROL BMPS AS SPECIFIED ON CIVIL SHEETS.
13. ALL AREAS OF THE SITE DISTURBED BY CONSTRUCTION WILL BE RESTORED WITH SEED OR SOD UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS FOR TURF RESTORATION REQUIREMENTS.

PLANT MATERIAL

14. PLANT TREE ROOT BALLS FLUSH WITH FINAL GRADE AND THE TOP OF ROOT FLARE EXPOSED, PER PLANTING DETAILS.
15. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
16. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY.
17. ALL PLANTING STOCK SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK", ANSI-Z60. LATEST EDITION, OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
18. HEEL IN AND WATER ANY PLANT STOCK NOT PLANTED WITHIN 24 HOURS OF DELIVERY UNTIL INSTALLATION. PLANTS NOT MAINTAINED IN THIS MANNER WILL BE REJECTED.
19. REFER TO SPECIFICATIONS FOR WARRANTY REQUIREMENTS AND OTHER PLANTING ACCESSORIES.

MAINTENANCE AND CARE

20. BEGIN PLANT MAINTENANCE IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE.
21. MAINTENANCE INCLUDES WATERING, WEEDING, MULCHING, REMOVAL OF DEAD MATERIAL PRIOR TO GROWING SEASON, RE-SETTING PLANTS AND PROPER GRADE, AND KEEPING PLANTS IN A PLUMB POSITION.
22. REFER TO SPECIFICATIONS FOR FULL INSPECTION, MAINTENANCE, AND WARRANTY REQUIREMENTS.

IRRIGATION

23. CONTRACTOR TO PROVIDE DESIGN-BUILD IRRIGATION SERVICES TO IRRIGATE ALL LANDSCAPE BEDS, SODDED, AND SEEDED AREAS.
24. DESIGN FOR IRRIGATED AREAS MUST BE SUBMITTED AND APPROVED BY OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH OWNER ON FINAL PRODUCT SELECTION. AS-BUILT DOCUMENTATION WILL BE REQUIRED.

SITE FURNISHINGS

25. INCLUDE PRICING FOR EIGHT WALL TOP BENCHES TO BE 6' IN LENGTH.

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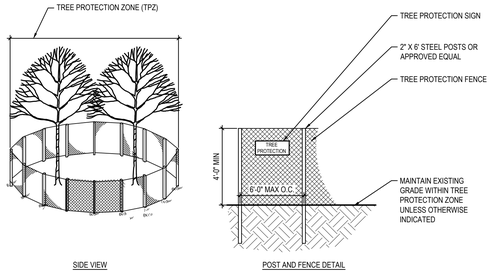
PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
LANDSCAPE PLAN

DRAWN BY: KAT
CHECKED BY: JSV
PROJ. NO: 25085
DRAWING NO: L101

File Path: ...\25085000 Drawings\Arch\25085 MOCN L100 Landscape Plan.dwg
Plot Date: 6/4/2026 5:02 PM

NOTES:
1. **CONDUCT MANDATORY TREE PROTECTION SITE WALK WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START TO DETERMINE TREE PROTECTION ZONE (TPZ) EXTENTS. *(OPTIONAL - PM AND LA TO MAKE DETERMINATION IF PROJECT WARRANTS THIS LEVEL OF INVOLVEMENT)***
2. FURNISH AND INSTALL TREE PROTECTION FENCE AT THE ESTABLISHED TPZ EXTENTS PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. AS A STARTING POINT, THE LIMITS OF THE TPZ IS TO BE MEASURED AS A RADIUS FROM THE TREE'S TRUNK AND EQUAL TO THE GREATEST OF THE FOLLOWING:
   3.1. 5'-0".
   3.2. IN LINE WITH THE TREE'S DRIPLINE.
   3.3. A RADIUS OF 1' FOR EVERY 1" OF TRUNK MEASURED AT 4.5 FEET ABOVE GRADE.
   3.4. 3'-0" BEYOND THE LOWEST BRANCH OF A CONIFER OR ANY LOW BRANCHING TREE SPECIES.
4. WHEN POSSIBLE, PLACE FENCE 25' BEYOND MEASURED TPZ.
5. PLACE TREE PROTECTION SIGNS (11"X17" LAMINATED) ALONG FENCE AT 50' INTERVALS.
6. TREE PROTECTION FENCE MUST BE MAINTAINED UNTIL COMPLETION OF WORK.
7. NO STORAGE OF MATERIALS OR OPERATION OF EQUIPMENT MAY TAKE PLACE INSIDE OF THE TREE PROTECTION ZONE.
8. THE TREE PROTECTION FENCE MAY BE EITHER A CHAINLINK FENCE OR HIGH DENSITY POLYETHYLENE FENCING WITH 3.5" X 1.5" OPENINGS, COLOR TO BE ORANGE OR APPROVED EQUAL.
9. IF CONSTRUCTION VEHICLES MUST PASS WITHIN TPZ, SEE ROOT PROTECTION DETAIL 2/L500.
10. IF TREE DAMAGE OCCURS DUE TO CONSTRUCTION OPERATIONS, CONTRACTOR IS RESPONSIBLE FOR HIRING AN ABORIST TO ASSESS AND TREAT DAMAGED TREES AT NO EXPENSE TO THE OWNER.

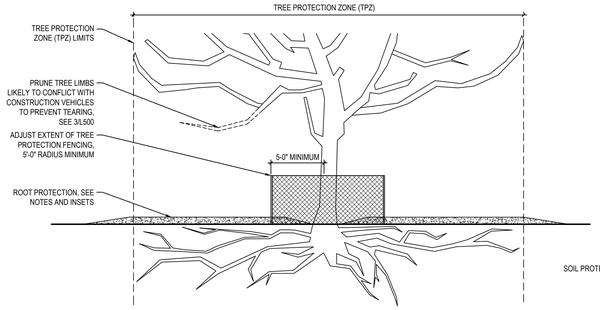


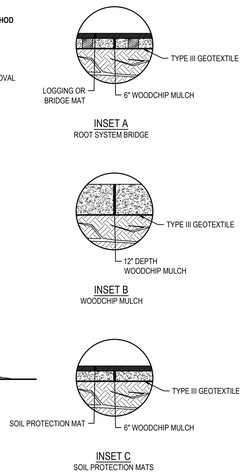
SIDE VIEW

POST AND FENCE DETAIL

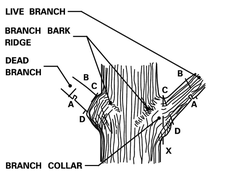
1 TREE PROTECTION ZONE (TPZ), TYPICAL
NOT TO SCALE

NOTES:
1. IF CONSTRUCTION VEHICLES MUST PASS THROUGH A TREE PROTECTION ZONE, **THE CONTRACTOR MUST PROPOSE A TEMPORARY PROTECTION METHOD FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO WORK PROCEEDING**.
2. AT A MINIMUM, THE PROTECTION METHOD IS TO INCLUDE EITHER:
   2.1. CONSTRUCTION OF ROOT SYSTEM BRIDGES WITH LOGGING OR BRIDGE MAT OVER 6" WOODCHIP MULCH, SEE INSET A.
   2.2. PLACEMENT OF A 12" LAYER OF WOODCHIP MULCH OVER A TYPE III GEOTEXTILE (MnDOT 3733), SEE INSET B.
   2.3. PLACEMENT OF SOIL PROTECTION MATS, SEE INSET C.
   2.4. OR OTHER INTERNATIONAL SOCIETY OF ARBORISTS (ISA) BEST MANAGEMENT PRACTICE FOR SOIL AND ROOT PROTECTION METHOD WITH APPROVAL BY LANDSCAPE ARCHITECT.
3. TEMPORARILY SHIFT TPZ FENCING TO DEFINE WORK AREA AND PROTECT TREE.
4. IMPLEMENT AGREED UPON ROOT PROTECTION SYSTEM WITHIN THE TPZ.
5. MAINTAIN A 4'-6" LAYER OF WOODCHIP MULCH UNDER THE REST OF THE TREE PROTECTION ZONE (TPZ) AREA TO CONSERVE MOISTURE.
6. IMMEDIATELY RE-ESTABLISH TREE PROTECTION FENCING AT LIMITS OF TPZ UPON COMPLETION OF CONSTRUCTION ACTIVITY WITHIN THE TPZ.

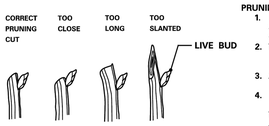




2 ROOT PROTECTION FOR WORK WITHIN THE TPZ
NOT TO SCALE



BRANCHES PRUNED AT TRUNK
(SHIGO METHOD)



BRANCHES PRUNED TO LIVE BUD

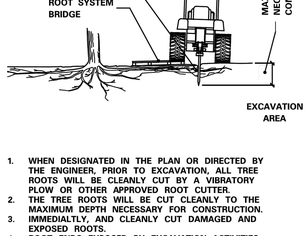
STEPS TO PRUNING WITH PRUNING SAW:
1. **CUT PART WAY THROUGH THE BRANCH AT POINT A.**
2. **CUT COMPLETELY THROUGH BRANCH FROM POINT B TO A.**
3. **AT BRANCH COLLAR CUT FROM POINT C TO D.**

INCORRECT CUT FROM POINT C TO X (TOO CLOSE) WILL RESULT IN DISCONTINUOUS CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

CORRECT CUT FROM POINT C TO D (LEAVING BRANCH COLLAR BUT NOT THE STUB FROM POINT B TO A) WILL RESULT IN CONTINUOUS DOUGHNUT SHAPED CALLUS FORMATION AFTER ONE SEASON OF GROWTH.

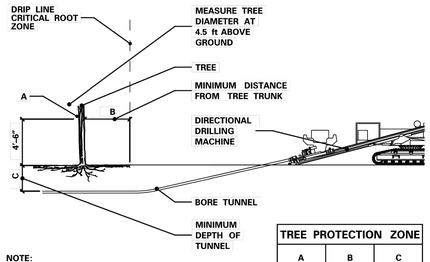
PRUNING NOTES:
1. **PRUNE USING CLEAN AND SHARP SCISSOR-TYPE PRUNER OR PRUNING SAW.**
2. **THE BEST TIME TO PRUNE IS LATE DORMANT SEASON OR EARLY SPRING.**
3. **AVOID PRUNING OAKS IN APRIL, MAY, JUNE OR JULY.**
4. **IF PRUNING IS NECESSARY OR IF WOUNDS OCCUR TO OAK TREES IN APRIL, MAY, JUNE OR JULY, IMMEDIATELY PAINT CUT SURFACE OR WOUND WITH LATEX PAINT OR SHELLAC.**

3 PRUNING (MnDOT 2571.3K2A9 and 2571.3E1)
NOT TO SCALE



1. **WHEN DESIGNATED IN THE PLAN OR DIRECTED BY THE ENGINEER, PRIOR TO EXCAVATION, ALL TREE ROOTS WILL BE CLEANLY CUT BY A VIBRATORY PLOW OR OTHER APPROVED ROOT CUTTER.**
2. **THE TREE ROOTS WILL BE CUT CLEANLY TO THE MAXIMUM DEPTH NECESSARY FOR CONSTRUCTION.**
3. **IMMEDIATELY, AND CLEANLY CUT DAMAGED AND EXPOSED ROOTS.**
4. **ROOT ENDS EXPOSED BY EXCAVATION ACTIVITIES SHALL BE IMMEDIATELY COVERED WITH A 6" LAYER OF ADJACENT SOIL.**

4 CLEAN ROOT CUTTING (MnDOT 2572.3A2)
NOT TO SCALE

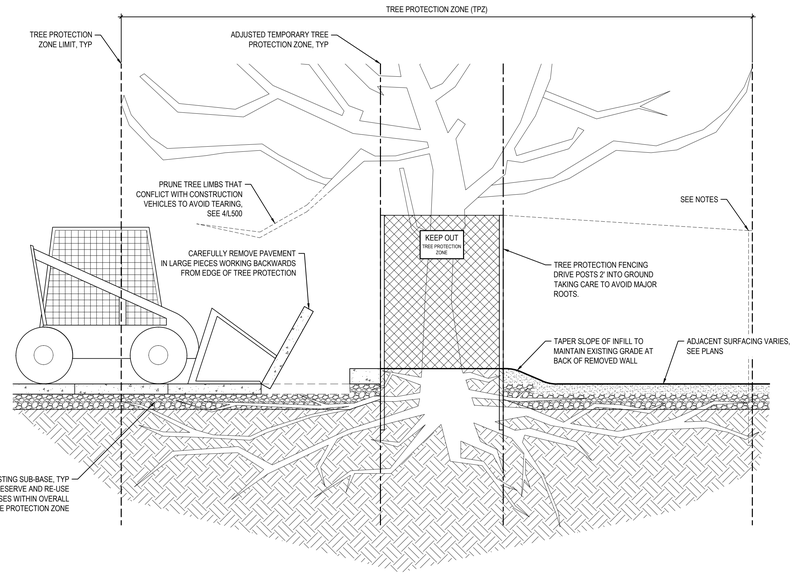


NOTE:
1. **(A) IS THE DIAMETER OF TREES MEASURED 4-6 FEET ABOVE THE GROUND AND IS TERMED THE "DIAMETER AT BREAST HEIGHT," (DBH).**
2. **USING A TREE DIAMETER TAPE, WRAP THE TAPE AROUND THE GIRTH OF THE TREE, AT THE DBH, BEING CAREFUL NOT TO TWIST THE TAPE.**

TREE PROTECTION ZONE		
A	B	C
< 2"	2'	2'
2–4"	4'	2.5'
> 4–9"	6'	2.5'
> 9–14"	10'	3'
> 14–19"	12'	3.25'
> 19"	15'	4'

5 UTILITY CONSTRUCTION (MnDOT 2572.3A5)
NOT TO SCALE

NOTES:
1. **MOVE TEMPORARY TREE PROTECTION FENCING TO TREE PROTECTION ZONE (TPZ) LIMITS IMMEDIATELY UPON COMPLETION OF CONSTRUCTION ACTIVITY WITHIN TPZ.**



6 ROOT PROTECTION FOR CURB REMOVAL WITHIN TREE PROTECTION ZONE
NOT TO SCALE

LHB
701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029
CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113
CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

THIS SQUARE APPEARS 1/2" x 1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
1	06/04/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
NOT FOR CONSTRUCTION
06/04/2026

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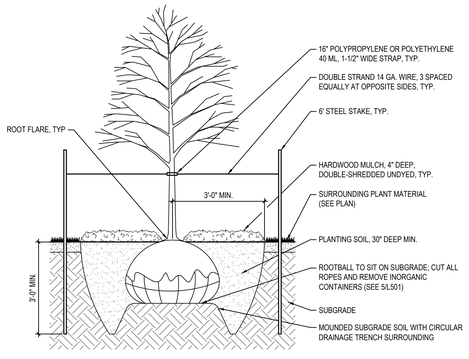
PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
TREE PROTECTION DETAILS

DRAWN BY: XXX
CHECKED BY: XXX
PROJ. NO: 25485
DRAWING NO: **L500**

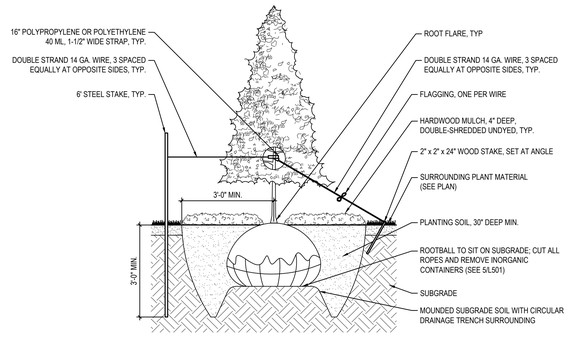
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Plot Date: 6/4/2026 5:01 PM

NOTES:
1. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.
2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
3. DO NOT PLANT TOO DEEP; EXPOSE TOP OF ROOT FLARE 1" ABOVE FINAL GRADE AND PULL MULCH AWAY FROM TRUNK.



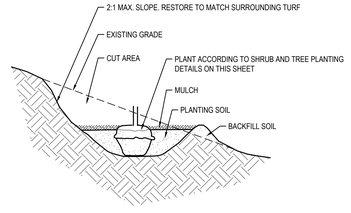
1 DECIDUOUS TREE
NOT TO SCALE

NOTES:
1. CONIFER TO HAVE SHREDDED HARDWOOD MULCH UNLESS NOTED OTHERWISE. NO MULCH SHALL BE IN CONTACT WITH TRUNK.
2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
3. TWO ALTERNATE METHODS OF TREE STAKING ARE ILLUSTRATED.
4. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.
5. DO NOT PLANT TOO DEEP; EXPOSE TOP OF ROOT FLARE 1" ABOVE FINAL GRADE AND PULL MULCH AWAY FROM TRUNK.



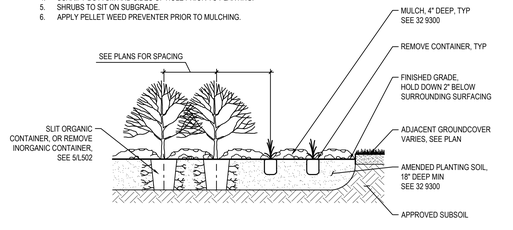
2 CONIFEROUS TREE
NOT TO SCALE

NOTE:
1. EXTEND EXCAVATION AND BACKFILL SOIL TO A POINT DOWNSLOPE EQUAL TO OR LOWER IN ELEVATION THAN THE BOTTOM OF THE HOLE DIRECTLY BENEATH THE PLANT TO ENSURE ADEQUATE DRAINAGE IN HEAVY SOILS. GRANULAR SOIL MUST BE ADDED AS BACKFILL IN AREAS OF POOR DRAINAGE.



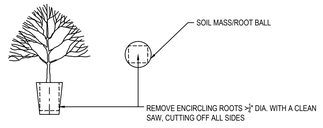
3 TREE ON A SLOPE
NOT TO SCALE

NOTES:
1. HAND LOOSEN ROOTS OF CONTAINERIZED MATERIAL (TYPICAL).
2. HAND REMOVE EXCESS SOIL AT TOP OF ROOT BALL TO EXPOSE TOP OF ROOT FLARE. TYPICALLY REQUIRES THE REMOVAL OF 1-6" OF SOIL FROM CONTAINER OR B&B.
3. ENSURE THAT FIRST MAIN LATERAL ROOT IS LESS THAN 1" BELOW THE FINAL PLANTING SURFACE.
4. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
5. SHRUBS TO SIT ON SUBGRADE.
6. APPLY PELLET WEED PREVENTER PRIOR TO MULCHING.



4 SHRUB & PERENNIAL PLANTING
NOT TO SCALE

NOTES:
1. FOR TREES, SHRUBS, AND PERENNIALS WITH INORGANIC CONTAINERS, FOLLOW THE "BOXING" PROCEDURE TO REMOVE ENCIRCLING ROOTS.
2. "BOXING" IS ONLY NECESSARY ON THE PLANTS THAT HAVE ENCRICLING ROOTS WITH DIAMETERS GREATER THAN ½"
3. HAND LOOSENING OF ROOTS IS STILL NECESSARY AFTER "BOXING" THE ROOT BALL (TYPICAL).

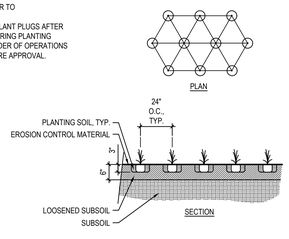


5 BOXING PROCEDURE FOR CONTAINERIZED PLANTS
NOT TO SCALE

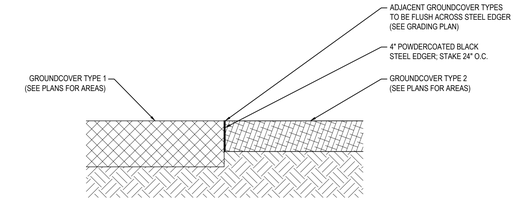
NOTES:
1. SEED MIX TO BE PLACED BETWEEN PLUG PLANTINGS. REFER TO SPECIFICATIONS FOR SEED MIX.
2. CAREFULLY PUNCTURE EROSION CONTROL MATERIAL TO PLANT PLUGS AFTER SEEDING. TAKE CARE NOT TO COMPACT SEEDED AREAS DURING PLANTING OPERATIONS. CONTRACTOR MAY PROPOSE DIFFERENT ORDER OF OPERATIONS TO ACHIEVE DESIGN INTENT FOR LANDSCAPE ARCHITECTURE APPROVAL.

PLUG LIST

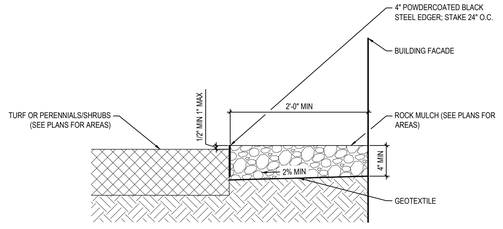
	GRASSES / SEDGES	
35%	Big Bluestem	*Andropogon gerardii*
	Indian Grass	*Sorghastrum nutans*
	PERENNIALS	
65%	Giant Hyssop	*Agastache foeniculum*
	Canada Anemone	*Anemone canadensis*
	Butterfyweed	*Asclepias tuerosa*
	Smooth Aster	*Aster laevis*
	Lanceleaf Coreopsis	*Coreopsis lanceolata*
	Joe Pye Weed	*Eutrochium maculatum*
	Prairie Blazingstar	*Liatris pycnostachya*
	Black Eyed Susan	*Rudbeckia hirta*
	Blue Vervain	*Verbena hastata*



6 PLUG PLANTING
NOT TO SCALE

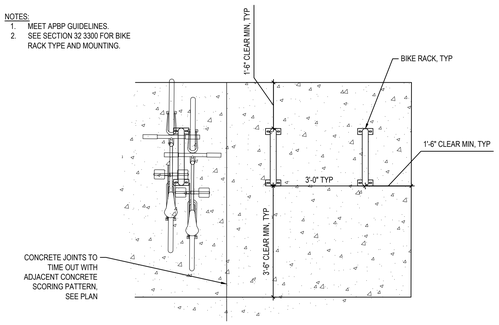


7 STEEL EDGER
NOT TO SCALE

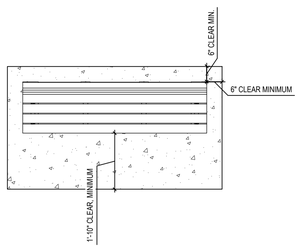


8 ROCK MULCH MAINTENANCE EDGER
SCALE: 1 1/2"=1'-0"

NOTES:
1. MEET APBP GUIDELINES.
2. SEE SECTION 32 3300 FOR BIKE RACK TYPE AND MOUNTING.



9 BIKE RACK PLACEMENT
NOT TO SCALE



10 6' BENCH PLACEMENT
NOT TO SCALE

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701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029
CLIENT:
ROSEVILLE
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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

THIS SQUARE APPEARS 1/2" x 1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
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NO	DATE	REVISION

PRELIMINARY
NOT FOR CONSTRUCTION
06/04/2026

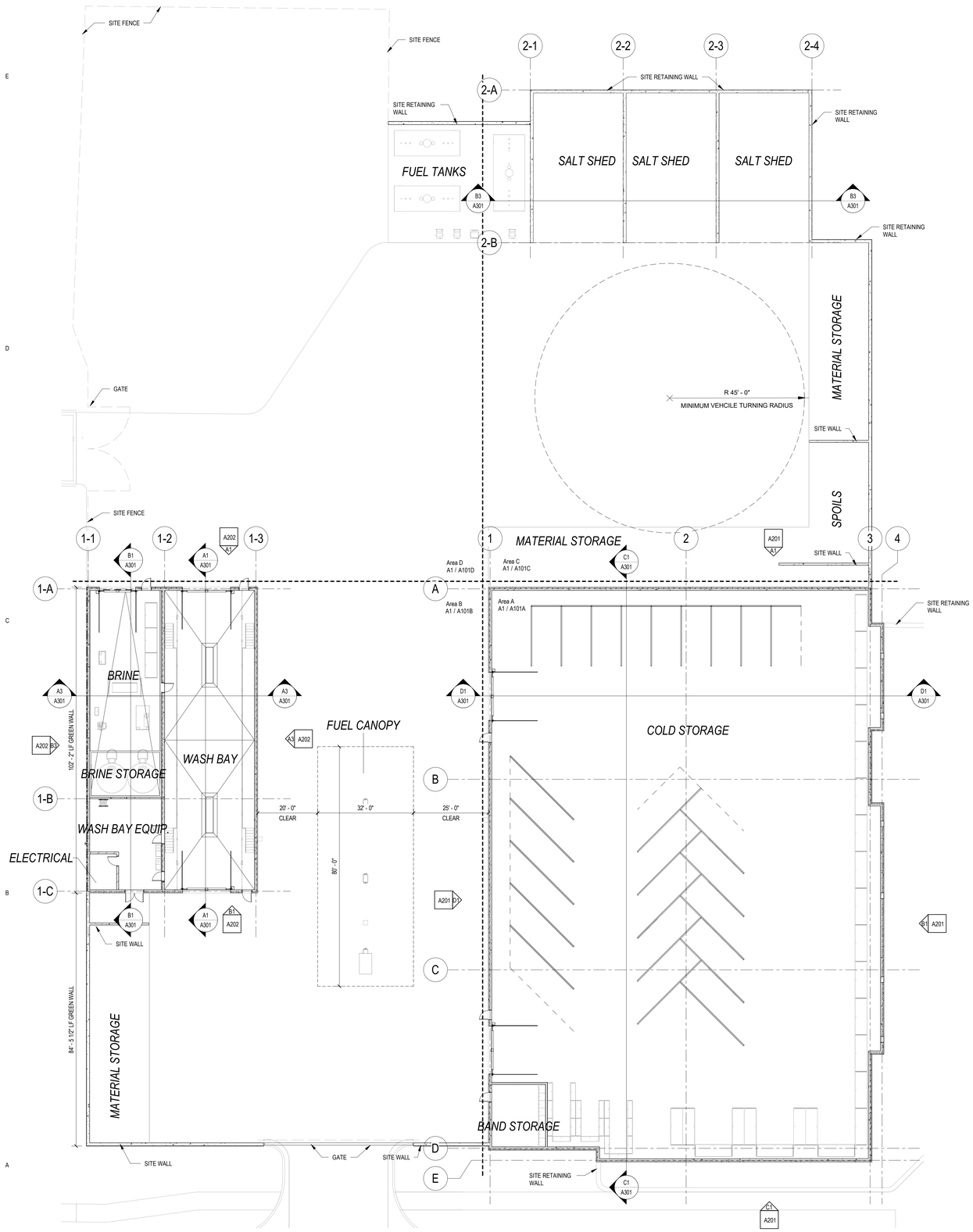
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DR
ROSEVILLE, MN 55113

DRAWING TITLE:
LANDSCAPE DETAILS

DRAWN BY: KAT
CHECKED BY: JSV
PROJ. NO: 250485
DRAWING NO: L501

File Path: ...\250485\00 Drawings\L4\250485 MOC N L300 Landscape Details.dwg
Plot Date: 6/4/2026 5:01 PM



A1 A101 **OVERALL FLOOR PLAN**
1/16" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

C. REFER TO THE CODE ANALYSIS ON SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR REQUIRED FIRE RATINGS, TYPES AND LOCATIONS OF RATED ASSEMBLIES.

D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

E. TYPICAL INTERIOR PARTITION IS A3 WALL TYPE UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

G. DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUD, FACE OF CMU, FACE OF CONCRETE, OR FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.

H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

T. EXTERIOR LANDINGS, STOOPS, BALCONIES, AND PORCHES SHALL BE LEVEL ACROSS DOORWAYS AND SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.

U. EXISTING STRUCTURE LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AS REQUIRED.

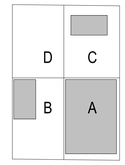
V. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AS REQUIRED TO PERFORM WORK. PAINT ACCESS PANELS TO MATCH ADJACENT SURFACE. COORDINATE ACCESS PANEL LOCATIONS WITH MECHANICAL.

LHB
701 WASHINGTON AVE. N, STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

KEYPLAN



THIS SQUARE APPEARS 1/2"x1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
	06/05/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
NOT FOR CONSTRUCTION
06/04/2026

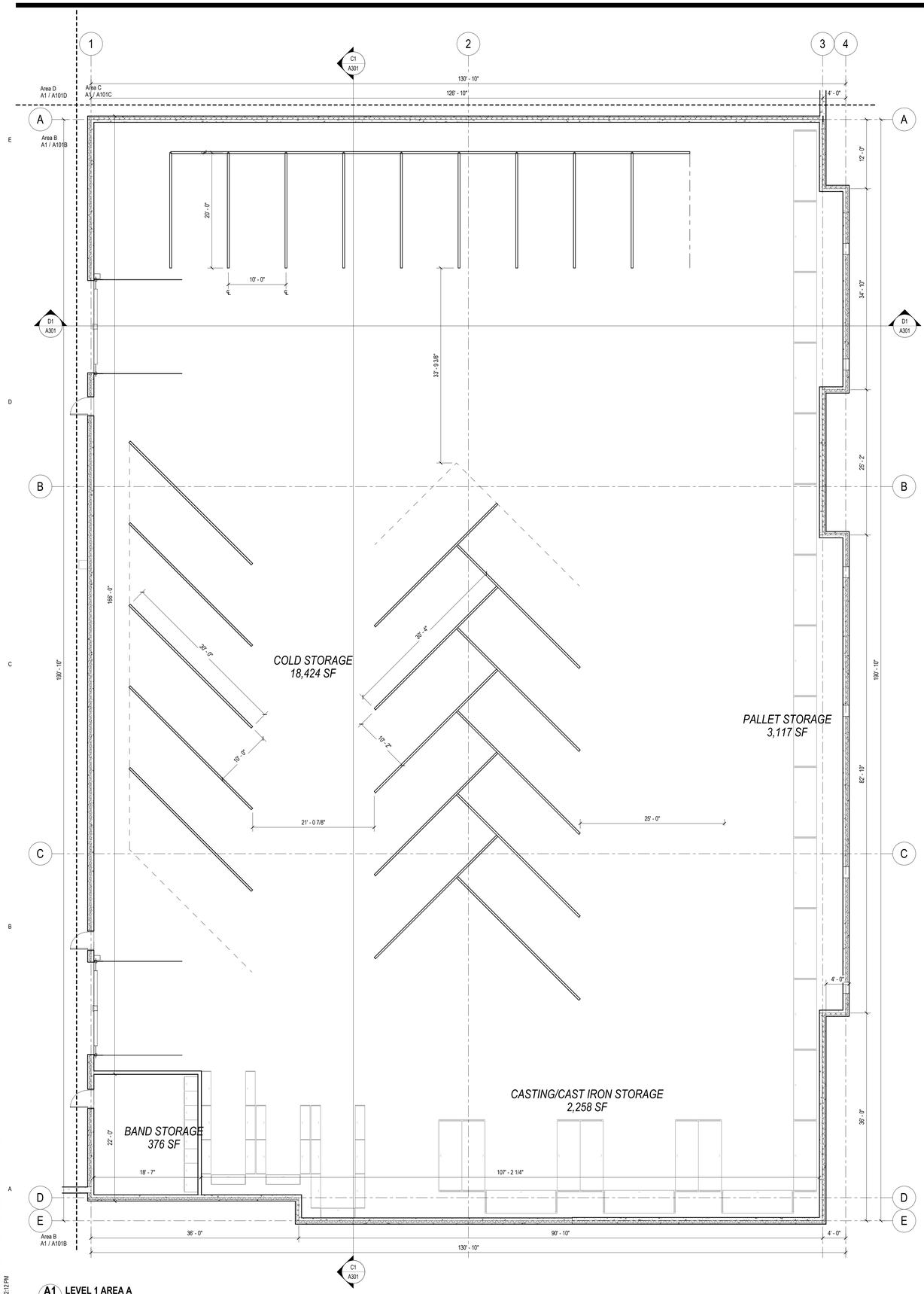
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
OVERALL FLOOR PLAN

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101**

Autodesk Docs://250485 Roseville MOC - LPCDS/250485 Roseville MOC North A25.rvt
6/4/2026 8:42:11 PM



A1 LEVEL 1 AREA A
A101A 1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

C. REFER TO THE CODE ANALYSIS ON SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR REQUIRED FIRE RATINGS, TYPES AND LOCATIONS OF RATED ASSEMBLIES.

D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

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F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

G. DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUD, FACE OF CMU, FACE OF CONCRETE, OR FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.

H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

T. EXTERIOR LANDINGS, STOOPS, BALCONIES, AND PORCHES SHALL BE LEVEL ACROSS DOORWAYS AND SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.

U. EXISTING STRUCTURE LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AS REQUIRED.

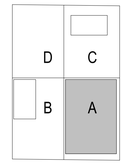
V. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AS REQUIRED TO PERFORM WORK. PAINT ACCESS PANELS TO MATCH ADJACENT SURFACE. COORDINATE ACCESS PANEL LOCATIONS WITH MECHANICAL.

LHB
701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

KEYPLAN



THIS SQUARE APPEARS 1/2"x1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
	06/05/2026	SD SET

NO	DATE	REVISION

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06/04/2026

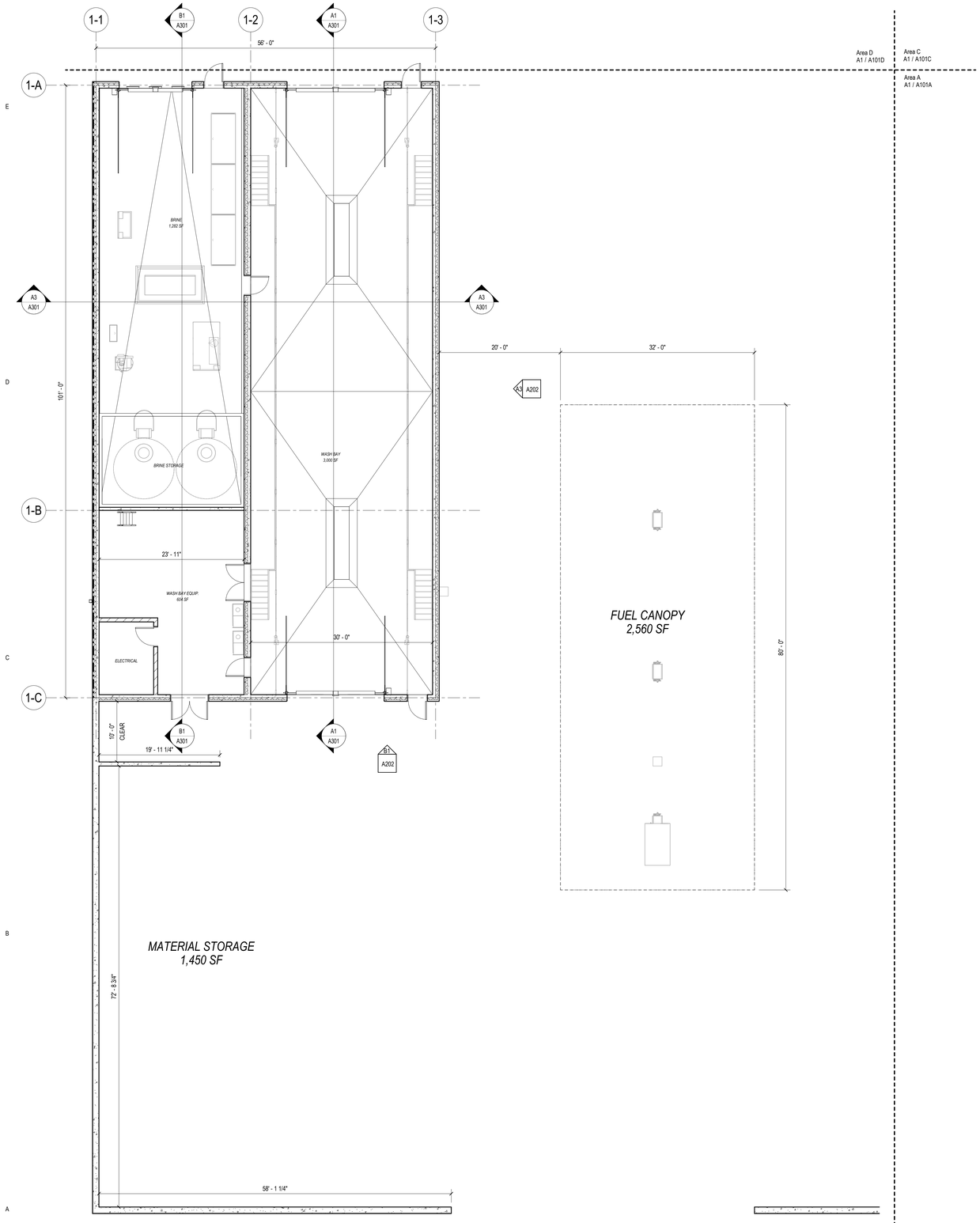
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
LEVEL 1 FLOOR PLAN AREA A

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101A**

Autodesk Docs://250485 Roseville MOC - LPC/DS/250485 Roseville MOC North A25.rvt
6/4/2026 8:42:12 PM



A1 LEVEL 1 AREA B

A101B 1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

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D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

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F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

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H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

T. EXTERIOR LANDINGS, STOOPS, BALCONIES, AND PORCHES SHALL BE LEVEL ACROSS DOORWAYS AND SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.

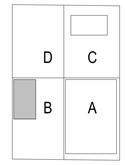
U. EXISTING STRUCTURE LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AS REQUIRED.

V. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AS REQUIRED TO PERFORM WORK. PAINT ACCESS PANELS TO MATCH ADJACENT SURFACE. COORDINATE ACCESS PANEL LOCATIONS WITH MECHANICAL.

LHB
701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

THIS SQUARE APPEARS 1/2"x1/2" ON FULL SIZE SHEETS

NO	DATE	ISSUED FOR
	06/05/2026	SD SET

NO	DATE	REVISION

PRELIMINARY
NOT FOR CONSTRUCTION
06/04/2026

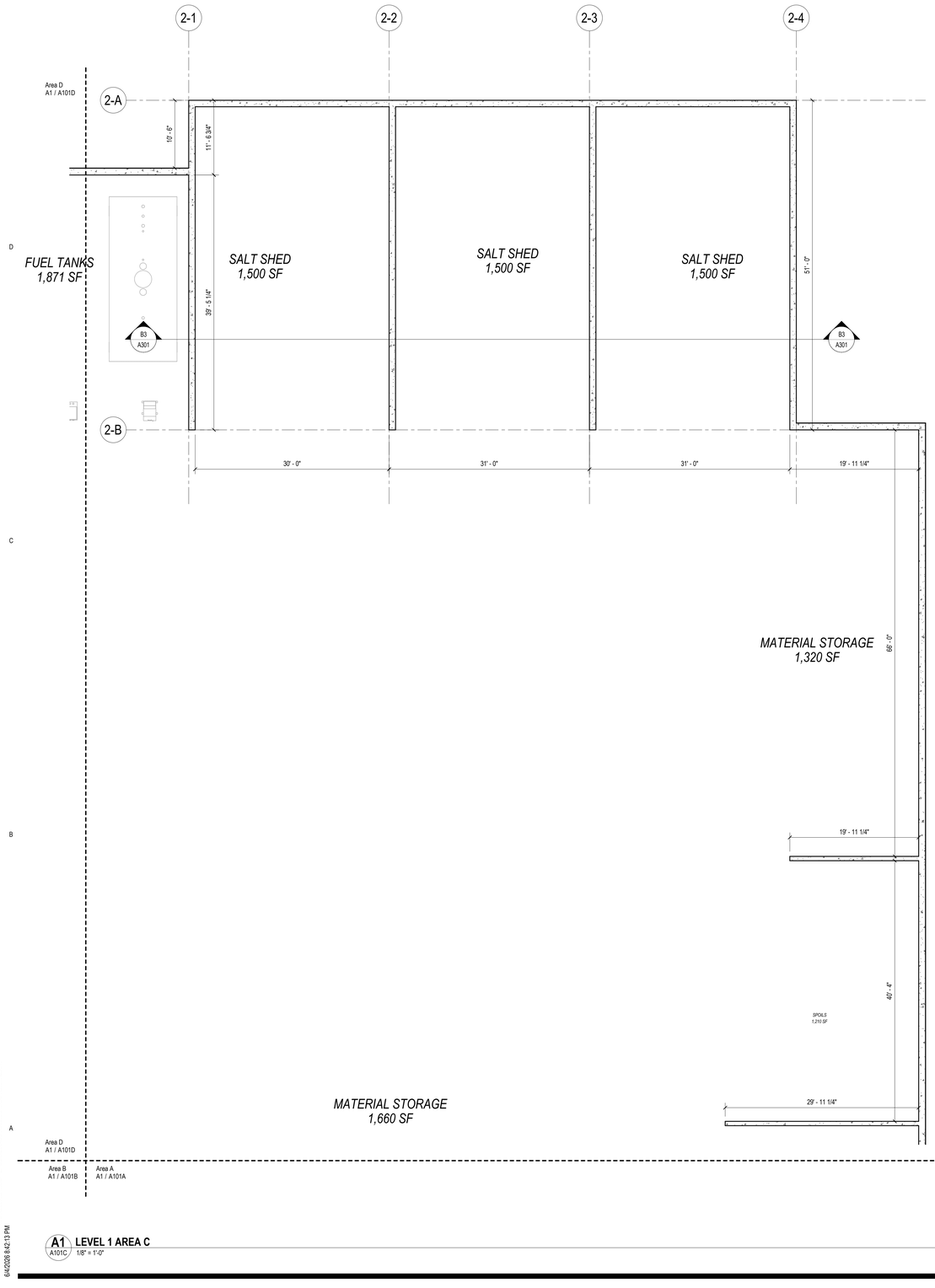
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
LEVEL 1 FLOOR PLAN AREA B

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101B**

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A1 / A101C LEVEL 1 AREA C
1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

C. REFER TO THE CODE ANALYSIS ON SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR REQUIRED FIRE RATINGS, TYPES AND LOCATIONS OF RATED ASSEMBLIES.

D. ALL OPENINGS CUT, PENETRATIONS MADE, OR EQUIPMENT INSTALLED IN FIRE RATED ASSEMBLIES SUCH AS WALLS, PARTITIONS, FLOORS, CEILINGS, ETC. SHALL BE RESTORED, SEALED, FIRESTOPPED, OR OTHERWISE CONSTRUCTED TO MAINTAIN THE INTEGRITY AND FIRE RATING OF THE ASSEMBLY TO THE FULL SATISFACTION OF THE ARCHITECT, ENGINEER, BUILDING OFFICIAL AND OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR THIS WORK.

E. TYPICAL INTERIOR PARTITION IS A3 WALL TYPE UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

F. TYPICAL INTERIOR FURRING PARTITION IS F3 UNLESS NOTED OTHERWISE. REFER TO WALL TYPES ON SHEET ***XX.XX (VERIFY SHEET NUMBER)***

G. DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUD, FACE OF CMU, FACE OF CONCRETE, OR FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.

H. DIMENSIONS OF EXTERIOR WALLS ARE TO EXTERIOR FACE OF SHEATHING, OR EXTERIOR FACE OF CMU OR CONCRETE UNLESS NOTED OTHERWISE. ***VERIFY PER PROJECT***

I. AT "ALIGN" NOTE, FINISH FACE OF WALLS TO ALIGN

J. INSTALL ACOUSTIC BATT INSULATION IN ALL RESTROOM WALLS AND WALLS CONTAINING PLUMBING PIPES.

K. REFER TO ENLARGED PLANS, WHEN PROVIDED, FOR ADDITIONAL INFORMATION TO SUPPLEMENT THE FLOOR PLANS.

L. SEE SHEET ***XX.XX (VERIFY SHEET NUMBER)*** FOR STANDARD AND ACCESSIBLE MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

M. REFER TO PLUMBING PLANS FOR FLOOR DRAINS AND CLEANOUTS.

N. SEE ROOM FINISH SCHEDULE FOR ROOMS WHERE WINDOW TREATMENTS ARE TO BE INSTALLED

O. PROVIDE METAL AND/OR FIRE-RESISTANT WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES, FURNITURE, EQUIPMENT, ACCESSORIES, AND OTHER SPECIALTIES.

P. OWNER SUPPLIED FURNITURE AND EQUIPMENT SHOWN AS DASHED. NOT IN CONTRACT UNLESS NOTED OTHERWISE.

Q. ALL EXPOSED PIPES, VENTS, AND CONDUIT PENETRATING WALLS, FLOORS, OR CEILINGS SHALL HAVE FINISHED TRIM RINGS (ESCUTCHEONS).

R. FIRESTOP AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. WITH UL APPROVED FIRESTOPPING MATERIAL PER CODE AT ALL PENETRATIONS IN NEW AND EXISTING FIRE RATED WALLS OR FLOORS.

S. ALL NEW AND EXISTING GYPSUM BOARD SURFACES WITHIN THE CONSTRUCTION LIMITS TO RECEIVE PAINT UNLESS NOTED OTHERWISE.

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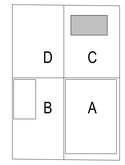
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CONSULTANT:
HDR
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KEYPLAN



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PRELIMINARY
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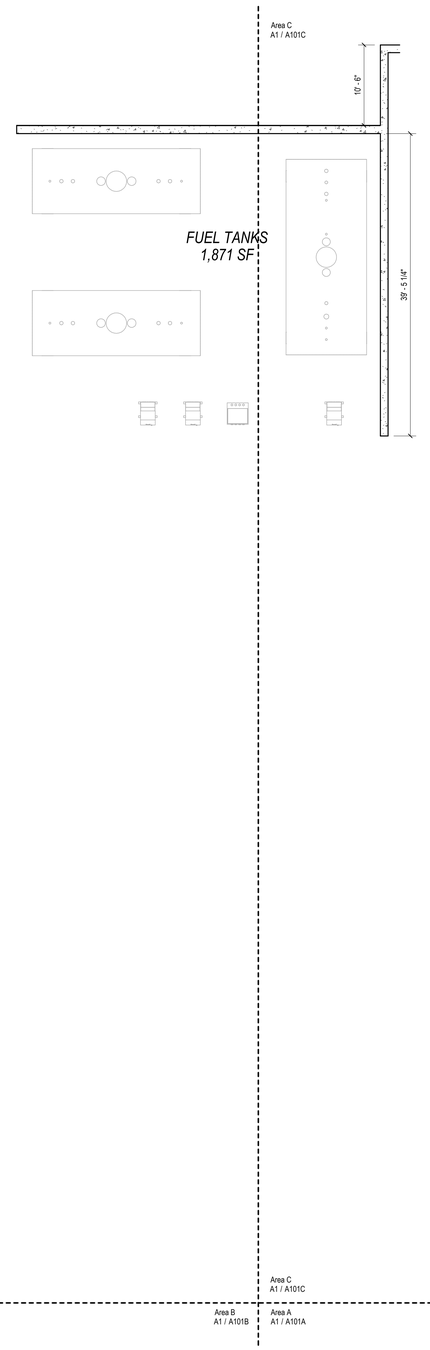
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
LEVEL 1 FLOOR PLAN AREA C

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101C**

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A1 / A101D **LEVEL 1 AREA D**
1/8" = 1'-0"

GENERAL SHEET NOTES

A. GENERAL NOTES APPLY TO ALL DRAWING SHEETS.

B. COORDINATE THIS ARCHITECTURAL PLAN WITH PLANS BY ALL OTHER DISCIPLINES IN THE DOCUMENTS, SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION PLANS, AND OTHERS AS NECESSARY. NOTE: SYMBOLS USED IN PLANS BY OTHER DISCIPLINES MAY DIFFER FROM ARCHITECTURAL SYMBOLS.

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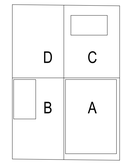
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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400



KEYPLAN

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NO	DATE	REVISION

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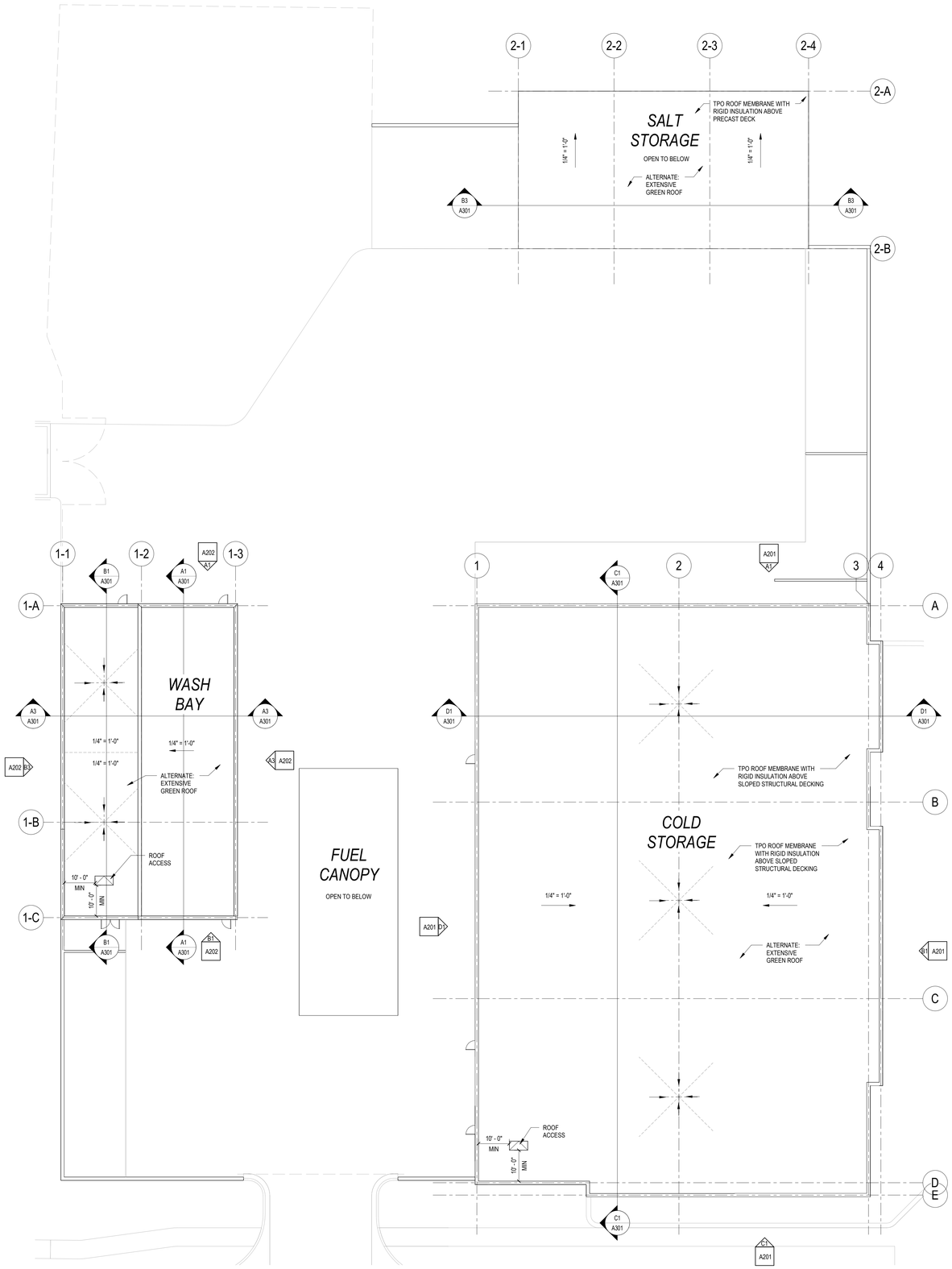
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
LEVEL 1 FLOOR PLAN
AREA D

DRAWN BY: MC/C
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A101D**

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A1 OVERALL ROOF PLAN
A111 1/16" = 1'-0"

ROOF PLAN LEGEND

- ROOF DRAIN (RD)
  OVERFLOW DRAIN (ORD)
- MECH HOOD
- EQUIPMENT CURB AT MECHANICAL EQUIPMENT
- ROOF EXHAUST
- EQUIPMENT CURB SUPPORTING PIPING OR CONDUIT. INSTALL MAXIMUM SPACING OF 6'-0" O.C.
- VENT STACK, PIPE OR CONDUIT, SEE DETAIL
- COMBUSTION STACK
- SKYLIGHT
- CRICKET FOR POSITIVE DRAINAGE
- 12" / 12" SLOPE AS INDICATED DIRECTION OF ROOF SLOPE
- DIAMOND CRICKET
- EPDM WALKWAY PAD
- PHOTOVOLTAIC PANEL

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CLIENT:
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CONSULTANT:
HDR
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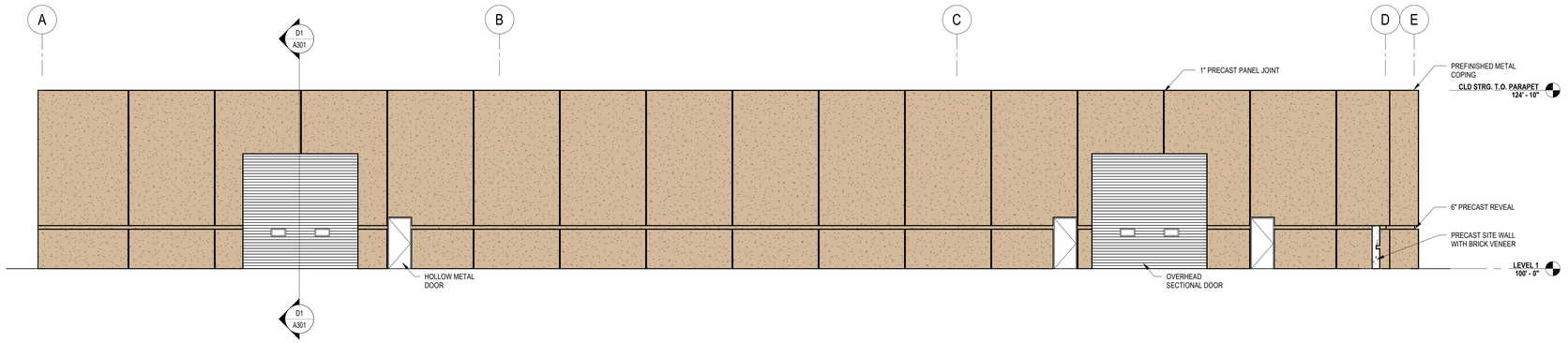
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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

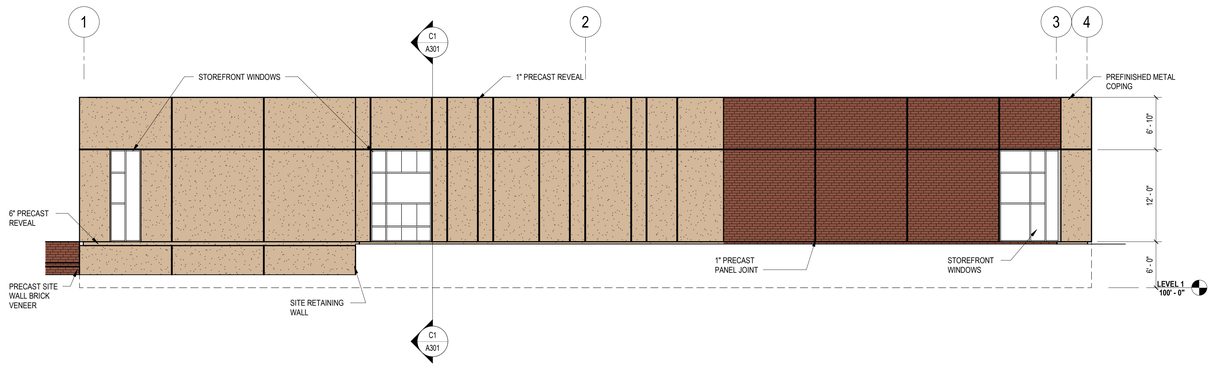
DRAWING TITLE:
OVERALL ROOF PLAN

DRAWN BY: MC/C
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A111**

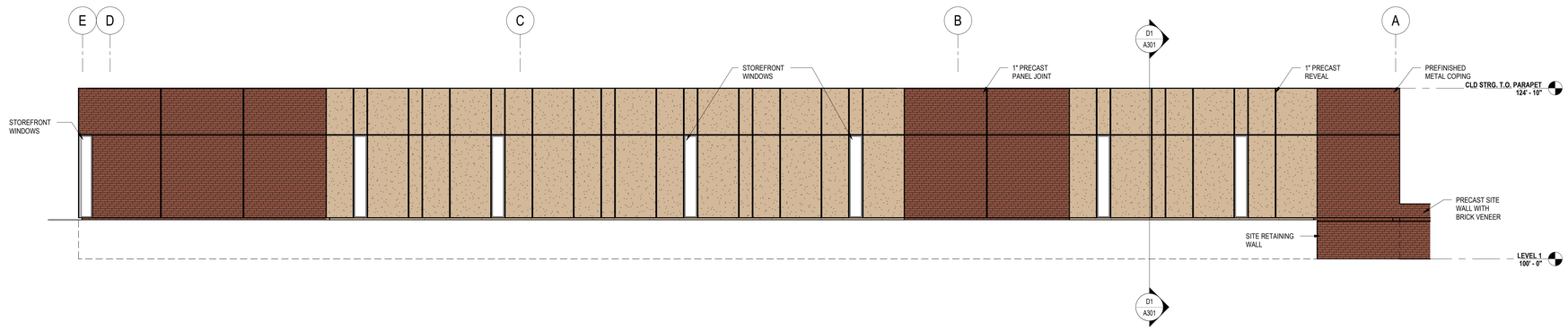
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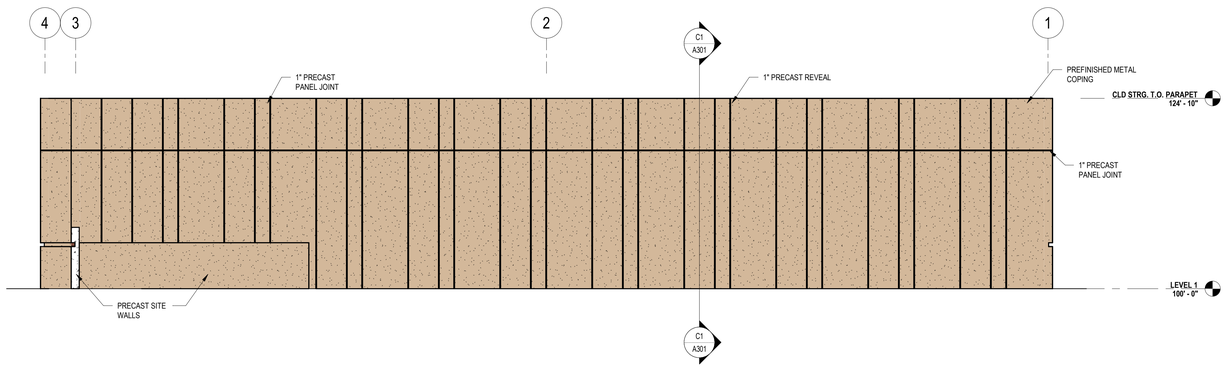
D1 A201 **WEST ELEVATION COLD STORAGE**
1/8" = 1'-0"



C1 A201 **SOUTH ELEVATION COLD STORAGE**
1/8" = 1'-0"



B1 A201 **EAST ELEVATION COLD STORAGE**
1/8" = 1'-0"



A1 A201 **NORTH ELEVATION COLD STORAGE**
1/8" = 1'-0"

MATERIALS

- BV1 - BRICK VENEER
- PC1 - ARCHITECTURAL PRECAST W/ REVEALS
- MTL1 - METAL PANEL SIDING

LHB
701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
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CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
EXTERIOR ELEVATIONS COLD STORAGE

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A201**

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MATERIALS

BV1 - BRICK VANEER

PC1 - ARCHITECTURAL PRECAST W/ REVEALS

MTL1 - METAL PANEL SIDING

LHB

701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

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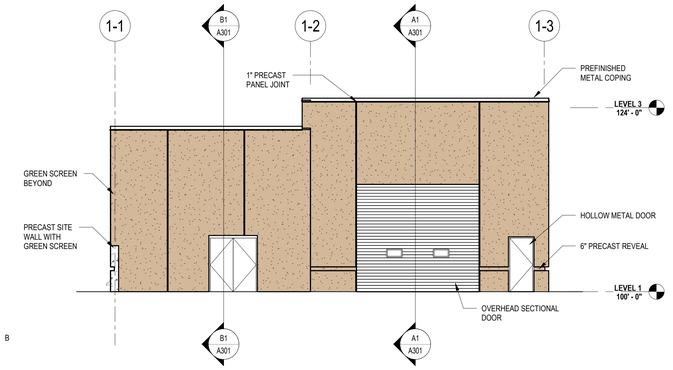
ROSEVILLE

2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

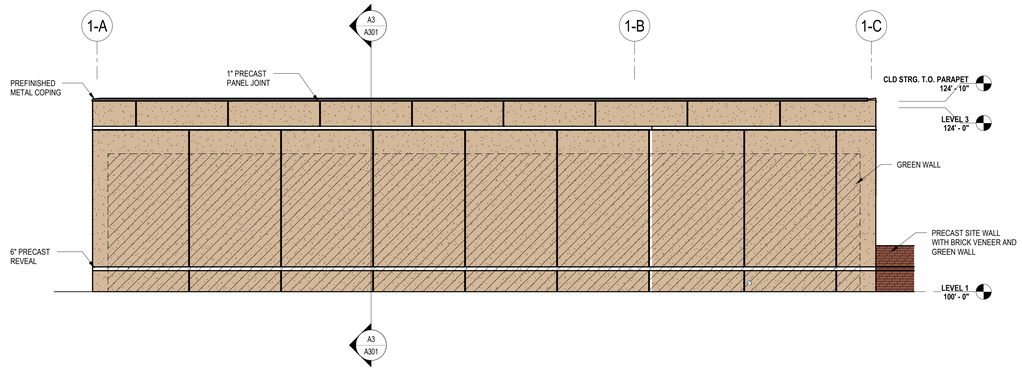
CONSULTANT:

HDR

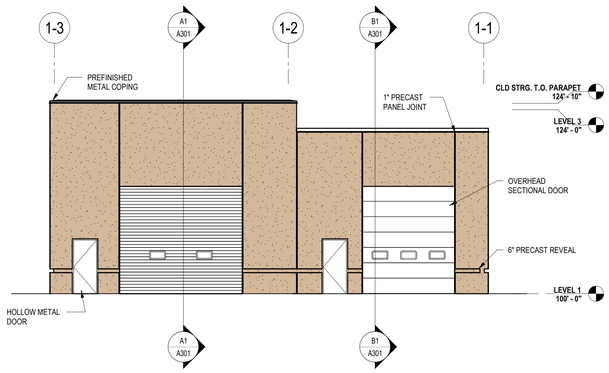
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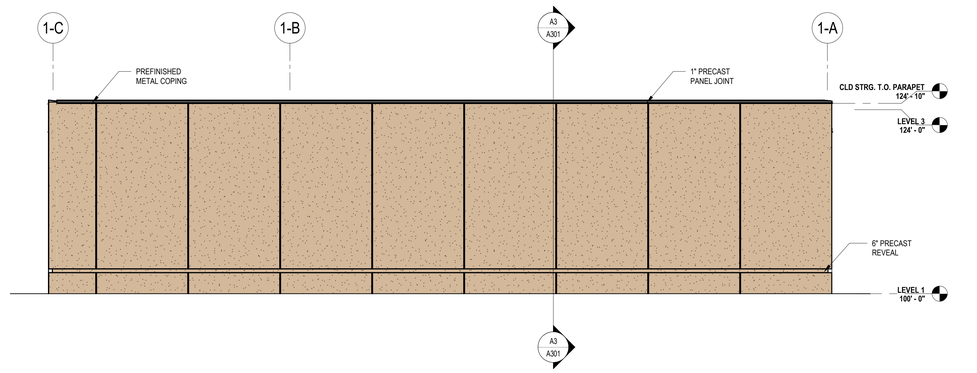
B1 A202 **SOUTH ELEVATION WASH BAY**
1/8" = 1'-0"



B3 A202 **WEST ELEVATION WASH BAY**
1/8" = 1'-0"



A1 A202 **NORTH ELEVATION WASH BAY**
1/8" = 1'-0"



A3 A202 **EAST ELEVATION WASH BAY**
1/8" = 1'-0"

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PROJECT NAME:

ROSEVILLE MOC NORTH

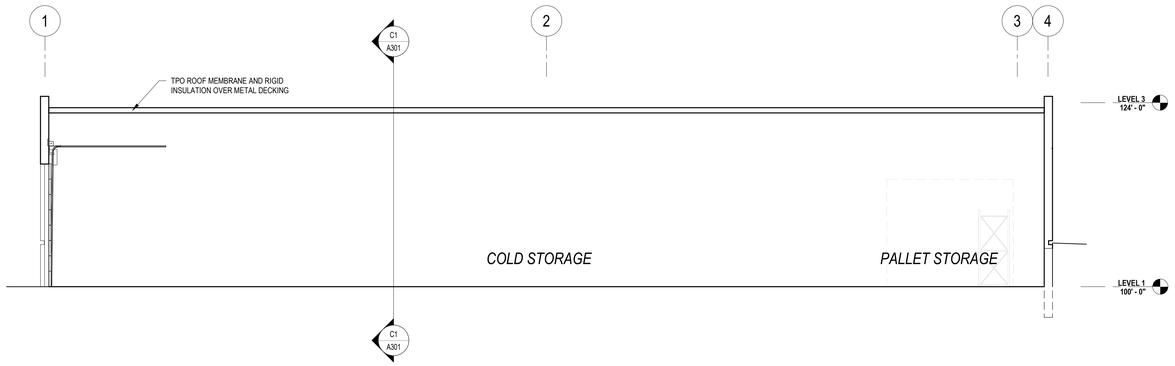
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:

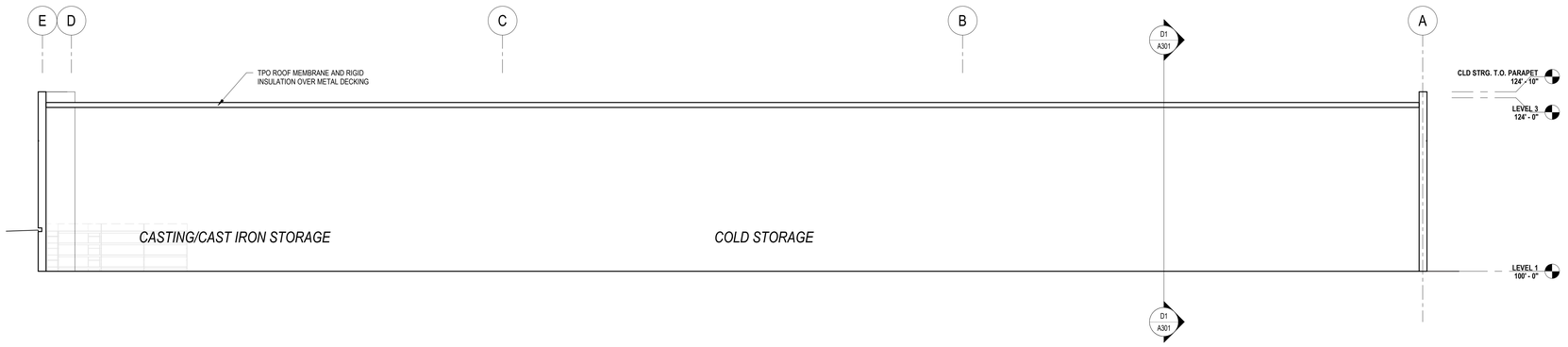
EXTERIOR ELEVATIONS WASH BAY

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A202**

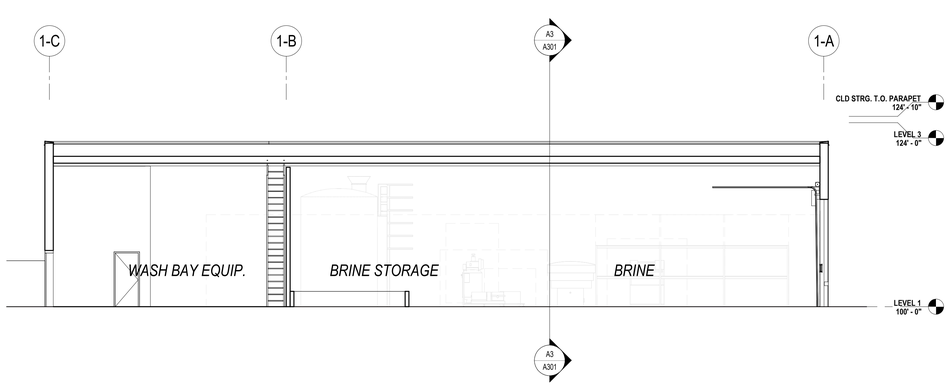
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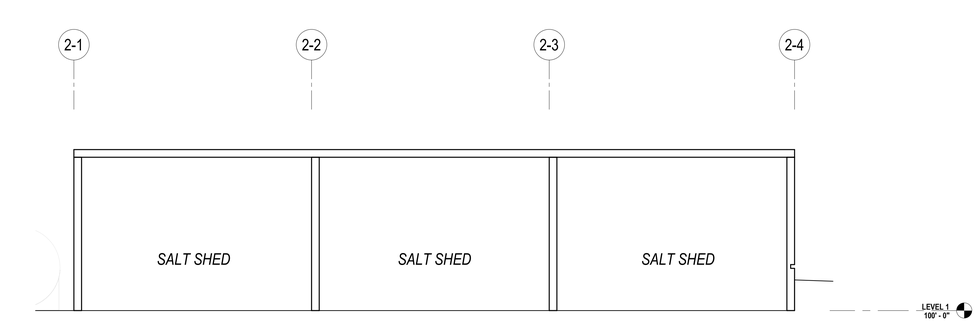
D1 A301 **BUILDING SECTION COLD STORAGE A**
1/8" = 1'-0"



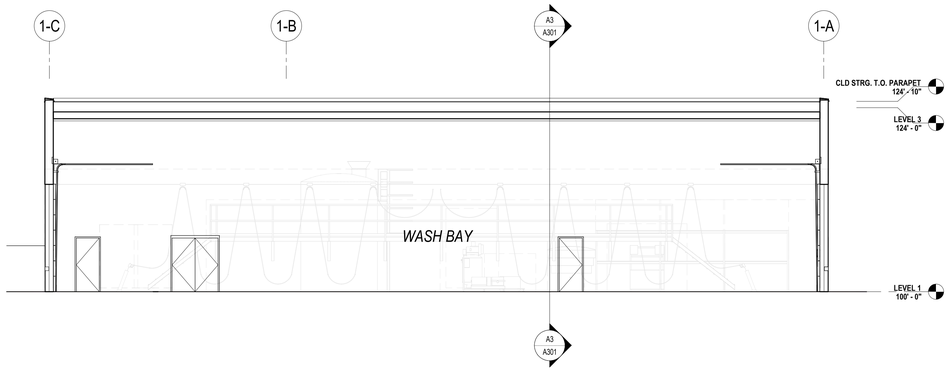
C1 A301 **BUILDING SECTION COLD STORAGE B**
1/8" = 1'-0"



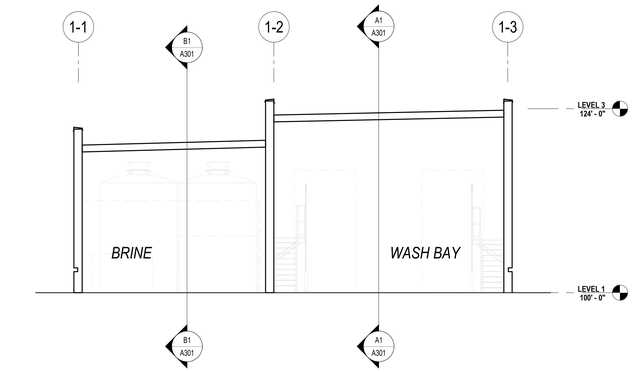
B1 A301 **BUILDING SECTION WASH BAY B**
1/8" = 1'-0"



B3 A301 **BUILDING SECTION SALT SHED**
1/8" = 1'-0"



A1 A301 **BUILDING SECTION WASH BAY C**
1/8" = 1'-0"



A3 A301 **BUILDING SECTION WASH BAY A**
1/8" = 1'-0"

GENERAL SHEET NOTES

A. BUILDING SECTIONS ARE FOR DIAGRAMMATICAL PURPOSES ONLY. REFER TO DETAILS FOR FURTHER INFORMATION.

LHB
701 WASHINGTON AVE. N. STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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PROJECT NAME:
ROSEVILLE MOC NORTH
WOODHILL DRIVE
ROSEVILLE, MN 55113

DRAWING TITLE:
BUILDING SECTIONS

DRAWN BY: MC/IC
CHECKED BY: MST
PROJ. NO: 250485
DRAWING NO: **A301**

Autodesk Docs://250485 Roseville MOC - LPCDS/250485 Roseville MOC North A25.rvt
6/4/2026 8:43:17 PM

GENERAL NOTES

1. ALL CONTRACTOR FURNISHED (CF) EQUIPMENT SHOWN ON THESE DRAWINGS WITH A FOUR DIGIT IDENTIFICATION NUMBER IS BASED ON A SPECIFIED MANUFACTURER. ANY MODIFICATION AND/OR SUBSTITUTION OF SAID EQUIPMENT IS SUBJECT TO COMPLETE COORDINATION BY THE CONTRACTOR OF ALL CONNECTIONS SERVICES, OPENING SIZE AND ANY OTHER CONSTRUCTION RELATED REQUIREMENTS.
2. ALL EQUIPMENT SHOWN ON THESE DRAWINGS WITH A FIVE DIGIT IDENTIFICATION NUMBER IS AN EXISTING PIECE OF EQUIPMENT. CONTRACTOR TO INSTALL EXISTING EQUIPMENT (LISTED AS OF/CI IN EQUIPMENT SCHEDULE). CONTRACTOR SHALL TEST OPERATION OF EXISTING EQUIPMENT WITH OWNER PRESENT PRIOR TO RELOCATION AND AFTER IT IS INSTALLED IN THE NEW FACILITY. EXISTING EQUIPMENT SHALL OPERATE IN THE SAME OR BETTER CONDITION AS PREVIOUSLY INSTALLED. COORDINATE SCHEDULE OF REMOVAL WITH OWNER.
3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS OF EQUIPMENT WITH MANUFACTURER'S APPROVED SHOP DRAWINGS PRIOR TO INSTALLATION, AND COORDINATE WORK WITH ARCHITECTURAL FEATURES SO INTERFERENCE BETWEEN PIPING, EQUIPMENT, MECHANICAL WORK, AND BUILDING STRUCTURE IS AVOIDED.
4. THIS LAYOUT IS PROVIDED FOR GENERAL LOCATION OF EQUIPMENT. UNLESS SPECIFICALLY LOCATED BY DIMENSIONS ON THE DRAWINGS, EQUIPMENT SHALL BE PLACED NEAR THE INDICATED LOCATION IN THE MOST OPERATIONALLY EFFICIENT POSITION AND ORIENTATION. CONTRACTOR SHALL REFER TO EQUIPMENT LAYOUT DRAWINGS FOR EXACT LOCATIONS AND COORDINATION OF ALL EQUIPMENT; REFERENCE Q001 FOR EQUIPMENT IDENTIFIERS AND DESCRIPTION.
5. SEISMICALLY BRACE ALL FIXED EQUIPMENT AND STORAGE EQUIPMENT PER LOCAL AND STATE SEISMIC RESTRAINT GUIDELINES.
6. SYMBOLS AND ABBREVIATIONS INDICATED ON THIS SHEET ARE STANDARDS AND FOR REFERENCE ONLY. NOT ALL OF THEM MAY BE USED IN THIS PROJECT.
7. CONTRACTOR MUST CONSIDER ALL PARTS OF THE CONTRACT DOCUMENTS, WHICH INCLUDES (BUT IS NOT LIMITED TO) DRAWINGS AND SPECIFICATIONS.

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
ATF	AUTOMATIC TRANSMISSION FLUID
CA	COMPRESSED AIR
CC	CONTROL CONSOLE
CF/CI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
CFM	CUBIC FEET PER MINUTE
CG	CHASSIS GREASE
CL	CENTERLINE
CNG	COMPRESSED NATURAL GAS
D	DIESEL
DEF	DIESEL EXHAUST FLUID
EC	ENGINE COOLANT
EO1	ENGINE OIL (5W-20)
EO2	ENGINE OIL (5W-30)
EO3	ENGINE OIL (5W-40)
EQ	EQUAL
EQ ID	EQUIPMENT IDENTIFIER
F/R	FILTER REGULATOR
FF	FINISH FLOOR
FMS	FLUID MANAGEMENT SYSTEM
FRL	FILTER, REGULATOR, LUBRICATOR
GO	GEAR OIL
GPM	GALLONS PER MINUTE
HO	HYDRAULIC OIL
HP	HIGH PRESSURE
ID	IDENTIFICATION
NG	NATURAL GAS
NTS	NOT TO SCALE
OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED / OWNER INSTALLED
OH	OVERHEAD
PAC	PUMP AIR CONTROLLER
S/O	SAND/OIL SEPARATOR
SPEC	SPECIFICATION
TLM	TANK LEVEL MONITOR
TYP	TYPICAL
UC	USED COOLANT
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UO	USED OIL
W	WATER
WWF	WINDSHIELD WASHER FLUID

EQUIPMENT LINE TYPE LEGEND

CF/CI

OF/CI

OF/OI

FUTURE

SYMBOLS LEGEND

- CENTERLINE
- (#) KEYNOTES
- FRONT/APPROACH ACCESS TO EQUIPMENT
- ELEVATION
- BREAK LINE
- (X) WASH EQUIPMENT KEYNOTES

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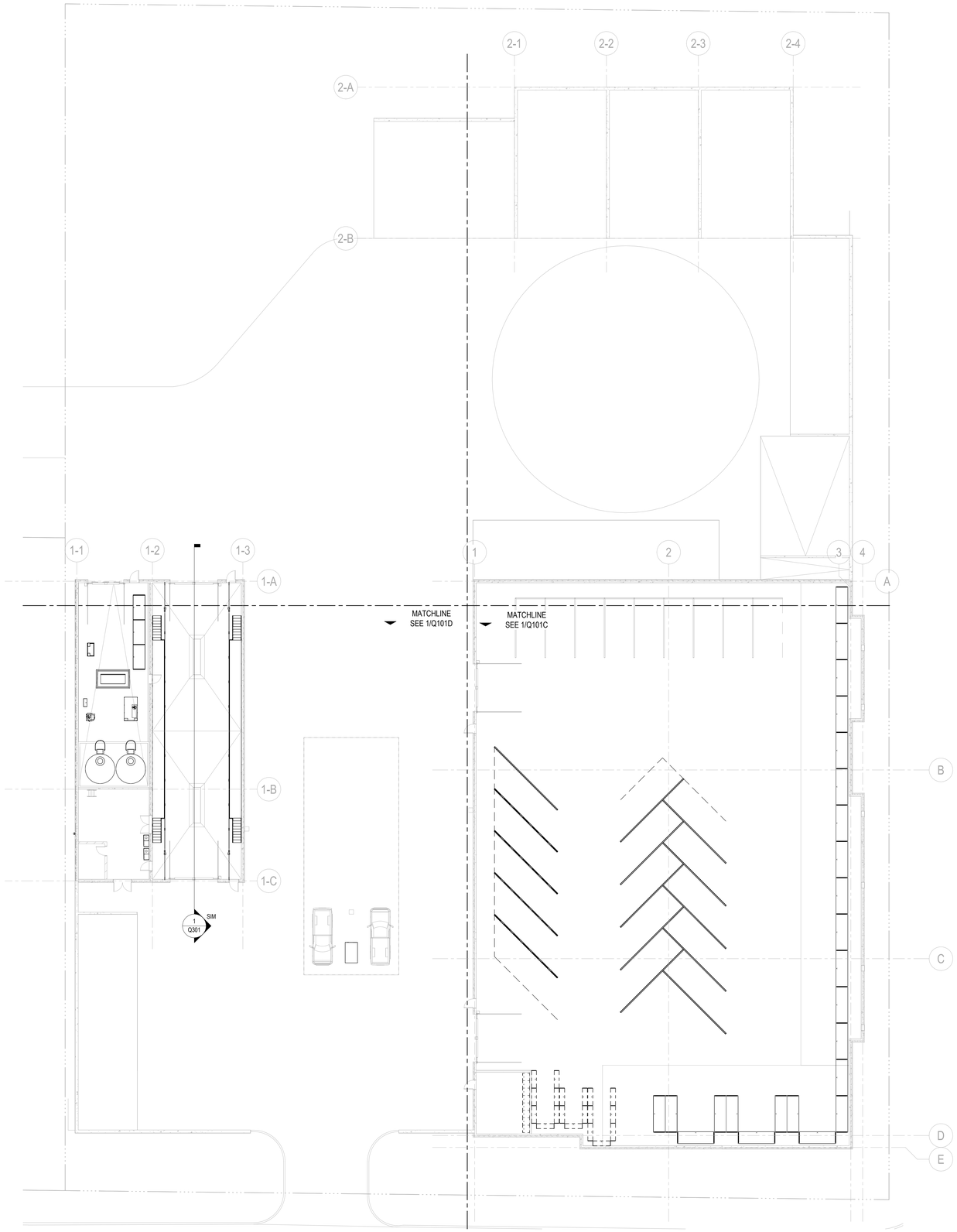
PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT ABBREVIATIONS, NOTES & SYMBOLS

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q001**

Autodesk Docs://10450148 Roseville MOC - LPO3S1/10450148-01-MOC-North-Q25.rvt
6/4/2026 8:40:01 PM



1 OVERALL EQUIPMENT PLAN - NORTH MOC
1/16" = 1'-0"

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A B
D C

KEYPLAN

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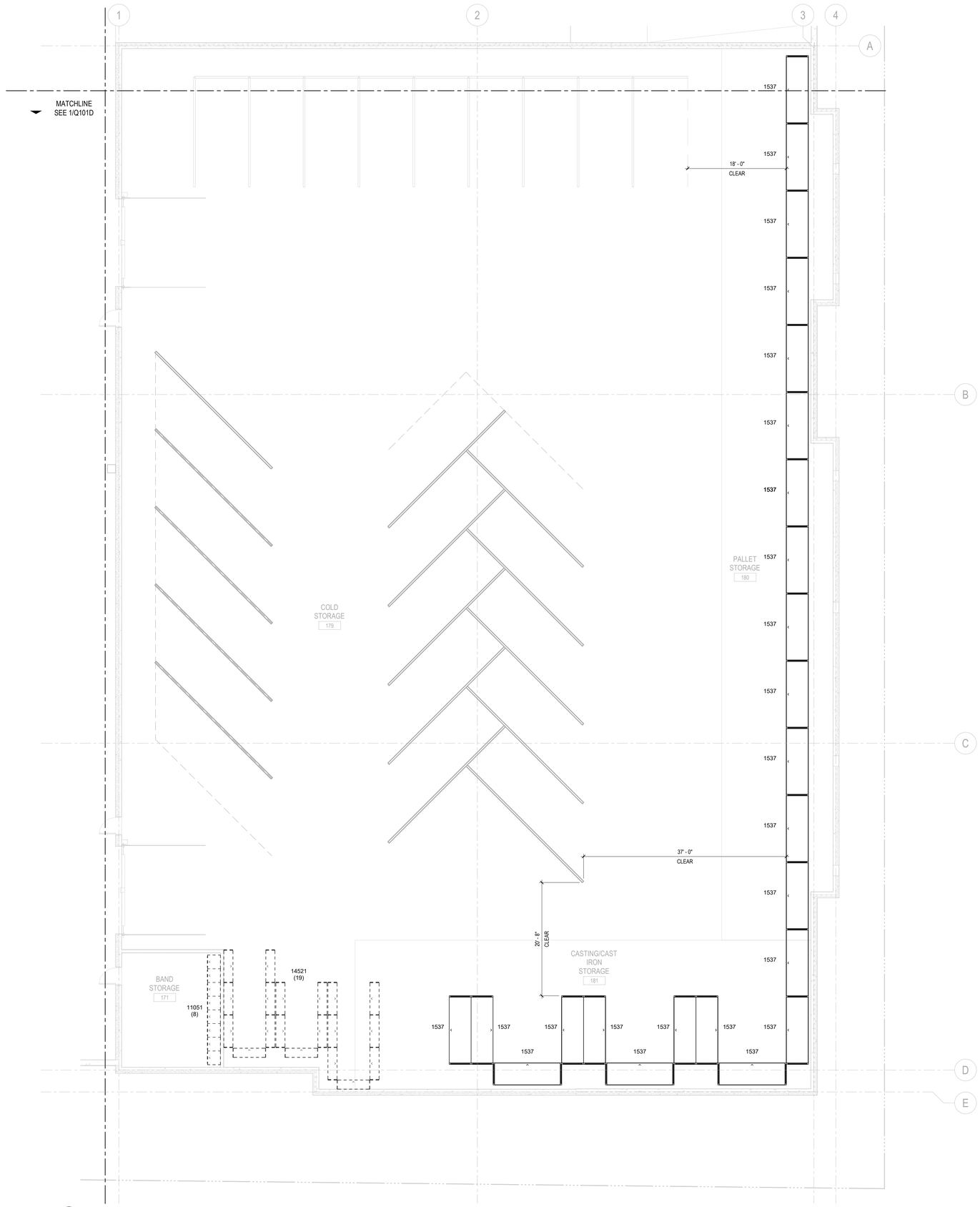
DRAWING TITLE:
OVERALL EQUIPMENT PLAN - NORTH MOC

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q101

Autodesk Docs://10450148 Roseville MOC - LPO\S1\10450148-01-MOC-North-Q25.rvt
6/4/2026 8:40:02 PM

GENERAL NOTES

1. REFERENCE SHEET 00Q-001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET 00Q-001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET 00-Q001 FOR ALL ABBREVIATIONS



1 EQUIPMENT PLAN - NORTH MOC - AREA C
1/8" = 1'-0"

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A B
D C

KEYPLAN

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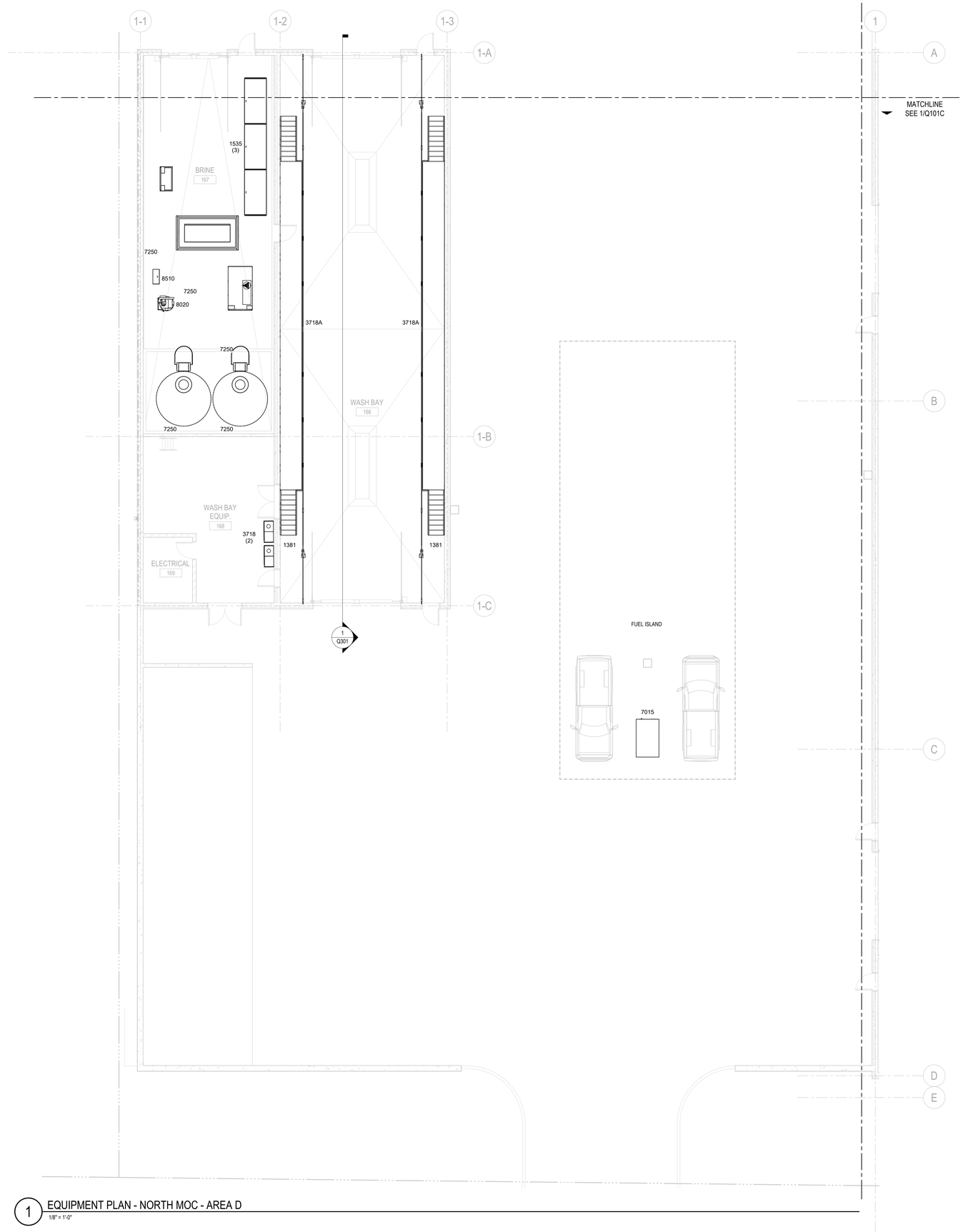
DRAWING TITLE:
EQUIPMENT PLAN -
NORTH MOC - AREA C

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q101C**

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GENERAL NOTES

1. REFERENCE SHEET 00Q-001 FOR ALL EQUIPMENT DESCRIPTIONS.
2. REFERENCE SHEET 00Q-001 FOR ALL GENERAL EQUIPMENT NOTES
3. REFERENCE SHEET 00-Q001 FOR ALL ABBREVIATIONS

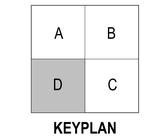


1 EQUIPMENT PLAN - NORTH MOC - AREA D
1/8" = 1'-0"

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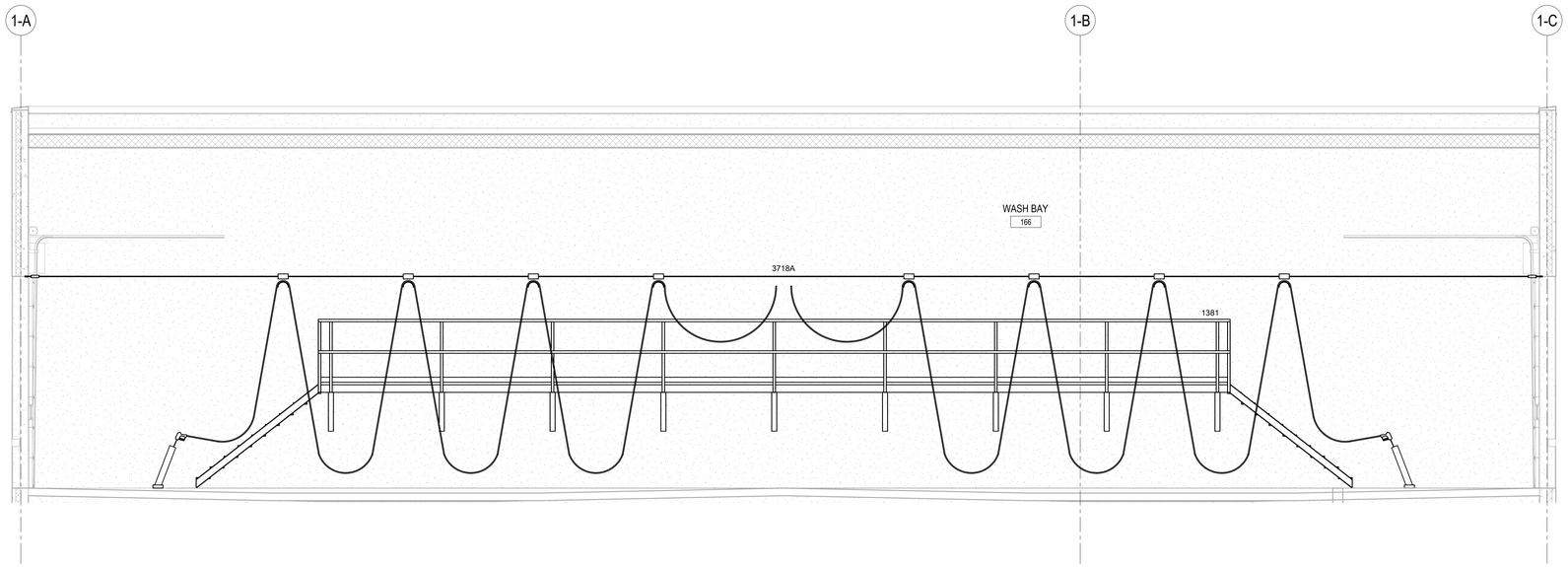
PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT PLAN - NORTH MOC - AREA D

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q101D**

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1 WASH BAY EQUIPMENT SECTION
1/4" = 1'-0"

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PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
WASH BAY
EQUIPMENT SECTION

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: Q301

Autodesk Docs://10450148 Roseville MOC - LPOD5/10450148-01-MOC-North-R25.rvt
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10 56 00 STORAGE ASSEMBLIES EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	MODEL	ARCHITECTURAL & STRUCTURAL OVERALL SIZE L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	ELECTRICAL VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION	REMARKS
CF/CI															
1535	RACK, PALLET, EIGHT FOOT, TWO TIER	LYON WORKSPACE PRODUCTS	97SWD096048096 STARTER WITH 97AWD096948096 ADD-ON	102"	48"	96"	376	10400							
1537	RACK, PALLET, TWELVE FOOT, TWO TIER	LYON WORKSPACE PRODUCTS	9748M120 (UPRIGHTS), SOS144 (BEAMS), FFWD4648H (DECKING)	150"	48"	120"	730	18000							

E

11 11 00 VEHICLE SERVICE EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	MODEL	ARCHITECTURAL & STRUCTURAL OVERALL SIZE L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	INDUSTRIAL PIPING COMPRESSED AIR SIZE (IN)	FLOW (CFM)	PRESSURE (PSI) MIN.	MAX.	FACILITY FLUID FLOW (GPM)	PRESS. (PSI)	ELECTRICAL VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION	REMARKS
CF/CI																					
7015	CABINET, STORAGE, HEATED (DEF) WITH DISPENSER	SPATCO	SDT1	50"	83"	99"	1950	0							220	1	1.84	40.0	DISCONNECT		

11 11 13 COMPRESSED AIR VEHICLE SERVICE EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	MODEL	ARCHITECTURAL & STRUCTURAL OVERALL SIZE L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	MECHANICAL EXHAUST FLOW (CFM)	HEAT REJECT (MBH)	PLUMBING SANITARY IW SINK	INDUSTRIAL PIPING COMPRESSED AIR SIZE (IN)	FLOW (CFM)	PRESSURE (PSI) MIN.	MAX.	ELECTRICAL VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION	REMARKS
CF/CI																						
8020	COMPRESSOR, AIR, RECIPROCATING, 5 HP, VERTICAL RECEIVER	CHAMPION	VR5-8 WITH ACCESSORIES	35"	34 1/2"	76 1/2"	590	0		12000		1/2"	17	125	175	230	1	5.00	15.2	PROVIDE DISCONNECT		
8510	DRYER, AIR, REFRIGERATED, NON-CYCLING, 75 CFM	CHAMPION PNEUMATIC	CGD75A1FP WITH ACCESSORIES	32 1/2"	14 1/2"	24"	220	0														75 CFM, NON-CYCLING

D

11 11 29 VEHICLE SHOP EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	MODEL	ARCHITECTURAL & STRUCTURAL OVERALL SIZE L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	MECHANICAL EXHAUST FLOW (CFM)	HEAT REJECT (BTUH)	PLUMBING DOMESTIC COLD WATER SIZE (IN)	FLOW (GPM)	PRESSURE (PSI) MIN.	MAX.	SANITARY IW SINK	GAS INPUT (BTUH)	PRESSURE (PSI) MIN.	MAX.	INDUSTRIAL PIPING COMPRESSED AIR SIZE (IN)	FLOW (CFM)	PRESSURE (PSI) MIN.	MAX.	ELECTRICAL VAC	PH	HP	A	CONNECTION TYPE	REMARKS
CF/CI																												
3718	WASHER, HIGH PRESSURE, HOT WATER, NG, 4 GPM	HOTSY CORPORATION	942N WITH ACCESSORIES	47 1/2"	21"	51"	545				1	4.00	0.00	0.00	No	365000	7.00	10.00					460	3	5.00	8.0	DISCONNECT	
3718A	SYSTEM, FESTOON, TROLLEY	HOTSY CORPORATION		1205"	48"	168"	0	0																				
7250	SYSTEM, BRINE MAKING AND STORAGE			960"	276"	144"	0	0																				

13 44 01 MODULAR WASH PLATFORMS EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	MODEL	ARCHITECTURAL & STRUCTURAL OVERALL SIZE L	W	H	ESTIMATED WEIGHT (LBS)	ESTIMATED STORAGE CAPACITY (LBS)	ELECTRICAL VAC	PH	HP	A	CONNECTION TYPE	DATA CONNECTION	REMARKS
CF/CI															
1381	PLATFORM, WORK, FIBERGLASS	ULTRA FIBERGLASS SYSTEMS	WASHBAY PLATFORM WITH HANDRAIL	918"	48"	134"	0	0							

C

OF/OI EQUIPMENT SCHEDULE

EQ ID #	DESCRIPTION
11051	CABINET, FILE STORAGE
14521	RACK, BULK STORAGE

B

A

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1 2 3 4 5 6

GENERAL NOTES

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06/05/26

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PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
EQUIPMENT SCHEDULE

DRAWN BY: M. DYSERT
CHECKED BY: J. ROREX
PROJ. NO: 10450148
DRAWING NO: **Q601**

FUELING SYMBOLOGY

- GATE VALVE
- BALL VALVE
- BALL VALVE, FULL PORT
- CHECK VALVE
- CONTROL VALVE
- PLUG VALVE, DOUBLE BLOCK AND BLEED
- BUTTERFLY VALVE
- FLOW SWITCH
- BLIND FLANGE
- CAP
- QUICK CONNECTOR
- FLEXIBLE CONNECTION
- SAMPLE CONNECTION
- SIGHT FLOW INDICATOR
- LINE SIZE REDUCER
- BASKET STRAINER
- PRESSURE GAUGE
- MANUAL AIR VENT (OR)
- LOW POINT DRAIN
- TURBINE METER (DIAGRAMMATIC) (M)
- FUELING HOSE
- SWIVEL JOINT
- 90 DEGREE ELBOW DOWN
- METER (M)
- SOLENOID (S)
- EMERGENCY EYE WASH AND SHOWER
- CONNECT TO EXISTING
- UNION
- MOTOR OPERATOR (M)
- RELIEF VALVE (OR)
- AUTOMATIC AIR VENT (OR)
- PUMP
- VENT
- POST INDICATOR VALVE
- FIRE HYDRANT
- FUSIBLE LINK FIRE SAFETY VALVE
- LEVEL INDICATOR (LI)
- CENTERLINE

ABBREVIATIONS

&	AND
@	AT
A/G	ABOVEGROUND
AAV	AUTOMATIC AIR VENT
AB	ANCHOR BOLT
AE	AIR ELIMINATOR
AFF	ABOVE FINISH FLOOR
AFFF	AQUEOUS FILM FORMING FOAM
API	AMERICAN PETROLEUM INSTITUTE
AST	ABOVEGROUND STORAGE TANK
ASTM	AMERICAN STANDARDS FOR TESTING AND MATERIALS
ATG	AUTOMATIC TANK GAUGE
AWG	AMERICAN WIRE GAUGE
AWS	AMERICAN WELDING SOCIETY
CL	CENTERLINE
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUATION
CS	CARBON STEEL
CV	CONTROL VALVE
CW	CLOCKWISE
DBB	DOUBLE BLOCK AND BLEED
DBL	DOUBLE
DEF	DIESEL EXHAUST FLUID
DEG	DEGREE
DI	DUCTILE IRON
DIV	DIVISION
DSL	DIESEL
DU	DI-ELECTRIC UNION
DW	DOUBLE WALLED
EA	EACH
ELB	ELBOW
ELE	ELEVATION
ESO	EMERGENCY SHUT-OFF
EX	EXISTING
F	FAHRENHEIT
F/S	FILTER SEPARATOR
FCV	FLOW CONTROL VALVE
FES	FLARED END SECTION
FLSW	FLOW SWITCH
FOT	FLAT ON TOP
FP	FUEL PUMP
FSCV	FILTER SEPARATOR CONTROL VALVE
FSI	FILTER SEPARATOR ISSUE
FSO	FILTER SEPARATOR OFFLOADING
FSR	FILTER SEPARATOR RECEIPT
GA	GAUGE
GAL	GALLON
GPM	GALLONS PER MINUTE
HP	HORSE POWER, HIGH POINT
HPV	HIGH POINT VENT
IF	INSULATING FLANGE
LAP-X	LEVEL ALARM PANEL
LCV	LOADING CONTROL VALVE
LP	LOW POINT
LPD	LOW POINT DRAIN
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MFR	MANUFACTURER
MIN	MINIMUM
MOV	MOTOR OPERATED VALVE
NC	NORMALLY CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPT	NATIONAL PIPE THREAD
OCV	OFFLOADING CONTROL VALVE
OFP	OFFLOADING FUEL PUMP
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PD	POSITIVE DISPLACEMENT
PDM	POSITIVE DISPLACEMENT METER
PEN	PENETRATION
PG	PRESSURE GAUGE
PL	PLATE
PRT	PRODUCT RECOVERY TANK
PS	PIPE SUPPORT
PSI	POUNDS PER SQUARE INCH
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RED	REDUCER
SCHD	SCHEDULE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
SW	SOCKET WELD
TDH	TOTAL DYNAMIC HEAD
TFV	TRUCK FLOW CONTROL VALVE
TRV	THERMAL RELIEF VALVE
TYP	TYPICAL
U/G	UNDERGROUND
UDC	UNDER-DISPENSER CONTAINMENT
UNL	UNLEADED GASOLINE
W/	WITH
W/O	WITHOUT
WT	WEIGHT

GENERAL TAGGING

ROOM/SPACE NAME XX-XX — ROOM OR SPACE

XXX — DOOR

DOOR MARK STAIR (XXX XXX / XXXX XXXX) — FIRE DOOR/STAIR

A — NEW COLUMN GRID BUBBLE

A — EXISTING COLUMN GRID BUBBLE

X — WALL TYPE

X — CURTAIN WALL

X — WINDOW TYPE

X — ACCESSORY, FURNITURE, AND MISCELLANEOUS EQUIPMENT IDENTIFIER

KEYNOTE NUMBER: X — LOUVER TYPE

— SHEET KEYNOTE

— REVISION DELTA

GENERAL SYMBOLOGY

ARROW INDICATES DIRECTION OF TRUE NORTH / LINE INDICATES DIRECTION OF PLAN NORTH

NORTH ARROW

MATCH LINE
SEE XX/XXXXXXXX

MATCH LINE

X PLAN
1/4" = 1'-0"

PLAN TITLE ON SHEET

NOTE 1
X VIEW TITLE
XXX 1/4" = 1'-0"
NOTE 2

DETAIL

FOR REFERENCING DETAILS INCLUDED IN DRAWING SET.
1. DETAIL NUMBER
2. SHEET WHERE DETAIL IS LOCATED *

SECTION

1. SECTION LETTER
2. SHEET WHERE SECTION VIEW IS FIRST CUT *

ELEVATION

1. ELEVATION IDENTIFICATION NUMBER
2. SHEET WHERE POINT OF VIEW MARKER CAN BE FOUND *

SECTION, DETAIL, ELEVATION TITLE

DETAIL NUMBER / SHEET WHERE DETAIL IS LOCATED *

DETAIL CALLOUT
FOR REFERENCING DETAILS INCLUDED IN DRAWING SET

ARROW INDICATES DIRECTION OF SECTION CUT / SECTION LETTER / SHEET WHERE SECTION IS LOCATED

FULL BUILDING SECTION CUT MARKER

SECTION LETTER / FLAG INDICATES DIRECTION OF SECTION CUT / SHEET WHERE SECTION IS LOCATED

SECTION CUT MARKER

ARROW INDICATES POINT OF VIEW / ELEVATION NUMBER / INTERIOR / EXTERIOR / SHEET WHERE ELEVATION IS LOCATED *

SINGLE ELEVATION OR PHOTO MARKER

ARROW INDICATES POINT OF VIEW ELEVATION / ELEVATION NUMBER / INDICATES SHEET WHERE ELEVATION IS LOCATED

MULTIPLE ELEVATION OR PHOTO MARKER

TARGET ELEVATION

TARGET ELEVATION MARKER

* EXCEPTIONS WHERE SHEET NUMBER IS REPLACED BY A DASH (-)

1. FOR COMMON DETAILS, SECTIONS, ELEVATIONS OR DETAILS THAT ARE CUT OR CALLED OUT ON MULTIPLE SHEETS.
2. SECTIONS, ELEVATIONS OR DETAILS THAT ARE LOCATED ON THE SAME SHEET THEY ARE CUT OR CALLED OUT ON.

GENERAL NOTES

1. HIS IS A STANDARD SHEET SHOWING COMMON SYMBOLOGY. ALL SYMBOLS ARE NOT NECESSARILY USED ON THIS PROJECT.
2. DRAWINGS ARE GENERAL AND DIAGRAMMATIC IN NATURE. NOT ALL COMPONENTS ARE SHOWN IN ALL VIEWS. THE CONTRACTOR SHALL MAKE USE OF THE ENTIRE SET OF DRAWINGS AND REQUIREMENTS IN SPECIFICATIONS IN ORDER TO INCLUDE ALL COMPONENTS NECESSARY TO CONSTRUCT A FULLY OPERATIONAL FUELING SYSTEM.
3. THE SCOPE OF WORK FOR THE NEW FUELING SYSTEM INCLUDES EXECUTION OF BELOW ITEMS INCLUDING PROVIDING AND INSTALLING:
   A. ONE (1) 15,000-GALLON DIESEL DOUBLE-WALL AST LISTED PER UL-2085.
   B. TWO (2) 8,000-GALLON UNLEADED DOUBLE WALL AST LISTED PER UL-2085.
   C. 2-HP SUBMERSIBLE TURBINE PUMP (STP) IN DIESEL TANK, PUMP STARTER CONTROL BOX.
   D. TANK TOP APPURTENANCES: PRIMARY AND SECONDARY TANK EMERGENCY VENTS, VENT RISER WITH NORMAL VENT, ATG LEVEL PROBE, INTERSTITIAL LEAK DETECTION PROBE.
   E. ONE (1) SINGLE-PRODUCT, SINGLE-HOSE TRAMWAY DISPENSER FOR DIESEL SERVICE, HOSE RETRIEVER, FILTER, BREAKAWAY DEVICE.
   F. AUTOMATIC TANK GAUGING (ATG) INVENTORY LEVELS AND LEAK DETECTION MONITORING CONSOLE, OVERFILL ALARM BOX, OVERFILL ALARM ACKNOWLEDGEMENT SWITCH/RESET.
4. NEW TANK SADDLE SUPPORTS SHALL BE ANCHORED TO CONCRETE PAD VIA ANCHOR BOLTS PER MANUFACTURER'S INSTRUCTIONS.
5. REFER TO ELECTRICAL SHEETS FOR FUELING SYSTEM POWER DISTRIBUTION AND LOW VOLTAGE WIRING DIAGRAMS.
6. THE FUELING SYSTEM SHALL BE CONSTRUCTED AND TESTED IN CONFORMANCE WITH THE CURRENTLY ADOPTED EDITION OF THE FOLLOWING CODES AND STANDARDS AS SUPPLEMENTED, AMENDED, OR MODIFIED BY STATE OF [XXXXX], CITY OF [PROJECT]:
   A. [PROJECT LOCATION] DEPARTMENT OF NATURAL RESOURCES
   B. NFPA 30 FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE
   C. NFPA 30A CODE FOR MOTOR FUEL DISPENSING FACILITIES AND REPAIR GARAGES
   D. INTERNATIONAL ELECTRICAL CODE (IEC)
   E. INTERNATIONAL FIRE CODE (IFC)
7. CONTRACTOR SHALL PROVIDE EQUIPMENT AS DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS. EQUIVALENT PRODUCTS MAY BE SUBSTITUTED ONLY WITH THE OWNER'S WRITTEN APPROVAL. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ASSOCIATED MODIFICATIONS TO THE CONSTRUCTION DRAWINGS THAT MAY RESULT FROM SUBSTITUTIONS.
8. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S APPROVED PUBLISHED LITERATURE. EXCEPT AS NOTED HEREIN, THE CONTRACTOR SHALL PERFORM ALL TESTING AND STARTUP NEEDED TO PROVIDE OPERATION OF FUNCTIONAL FUELING DISPENSING FACILITY PER THIS SET OF DRAWINGS AND PROVIDED SPECIFICATIONS
9. CONTRACTOR SHALL IMPLEMENT FULLY FUNCTIONAL, SAFE AND CODE COMPLIANT FUELING SYSTEM; AND SHALL VERIFY CONTRACTIBILITY PRIOR TO COMMENCING ANY WORK OR ORDERING EQUIPMENT.
10. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS, DIMENSIONS AND INFRASTRUCTURE OF EQUIPMENT, PIPING AND POINTS OF CONNECTION FOR CONSISTENCY WITH EQUIPMENT PRIOR TO COMMENCING ANY WORK AND ORDERING EQUIPMENT. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF ANY DISCREPANCY OR LACK OF CONSTRUCTABILITY.

GENERAL LINE SYMBOLOGY

NEW FUEL SUPPLY PIPE

NEW UNDERGROUND FUEL RETURN PIPE

NEW MINOR PIPING

LHB
701 WASHINGTON AVE. N, STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

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NO	DATE	ISSUED FOR
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06/05/26

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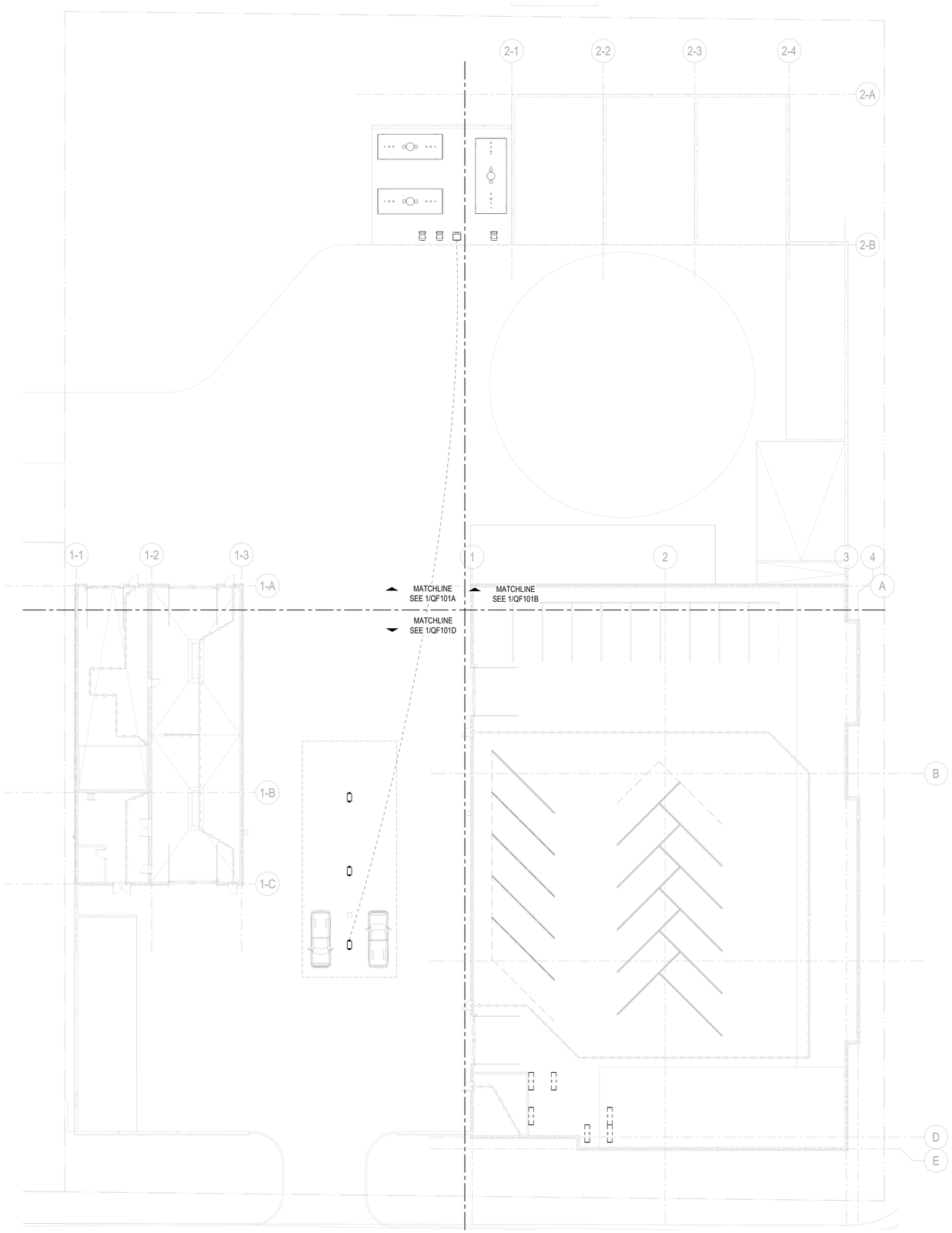
PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
GENERAL NOTES, LEGEND, AND ABBREVIATIONS

DRAWN BY: NMCDONALD
CHECKED BY: Checker
PROJ. NO: 10450148
DRAWING NO: QF001

Autodesk Docs://250485 Roseville MOC - LPCDS/10450148-01-MOC-North-QZ5.rvt
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1 FUELING OVERALL PLAN
1/16" = 1'-0"

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CLIENT:
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2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

A B
D C

KEYPLAN

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	06/05/2026	SD SET

NO	DATE	REVISION

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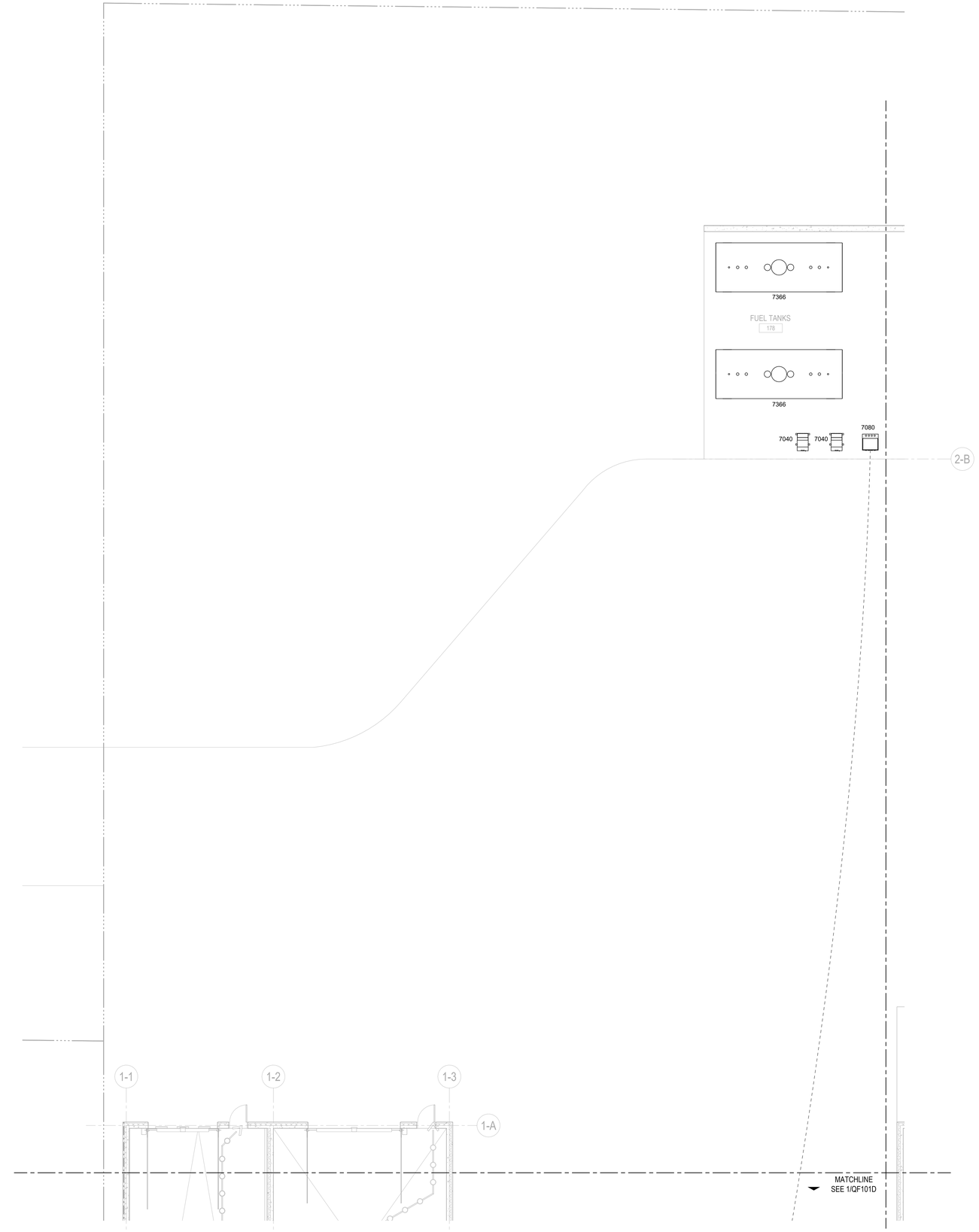
PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
OVERALL FUELING EQUIPMENT PLAN - NORTH MOC

DRAWN BY: NMCDONALD
CHECKED BY: Checker
PROJ. NO: 10450148
DRAWING NO: QF101

Autodesk Docs://10450148 Roseville MOC - LPCDS/10450148-01-MOC-North-QF5.rvt
6/4/2026 8:40:06 PM



1 FUELING EQUIPMENT PLAN - NORTH MOC - AREA A
1/8" = 1'-0"

LHB
701 WASHINGTON AVE. N, STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:
ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:
HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

KEYPLAN
A B
D C

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	06/05/2026	SD SET

NO	DATE	REVISION

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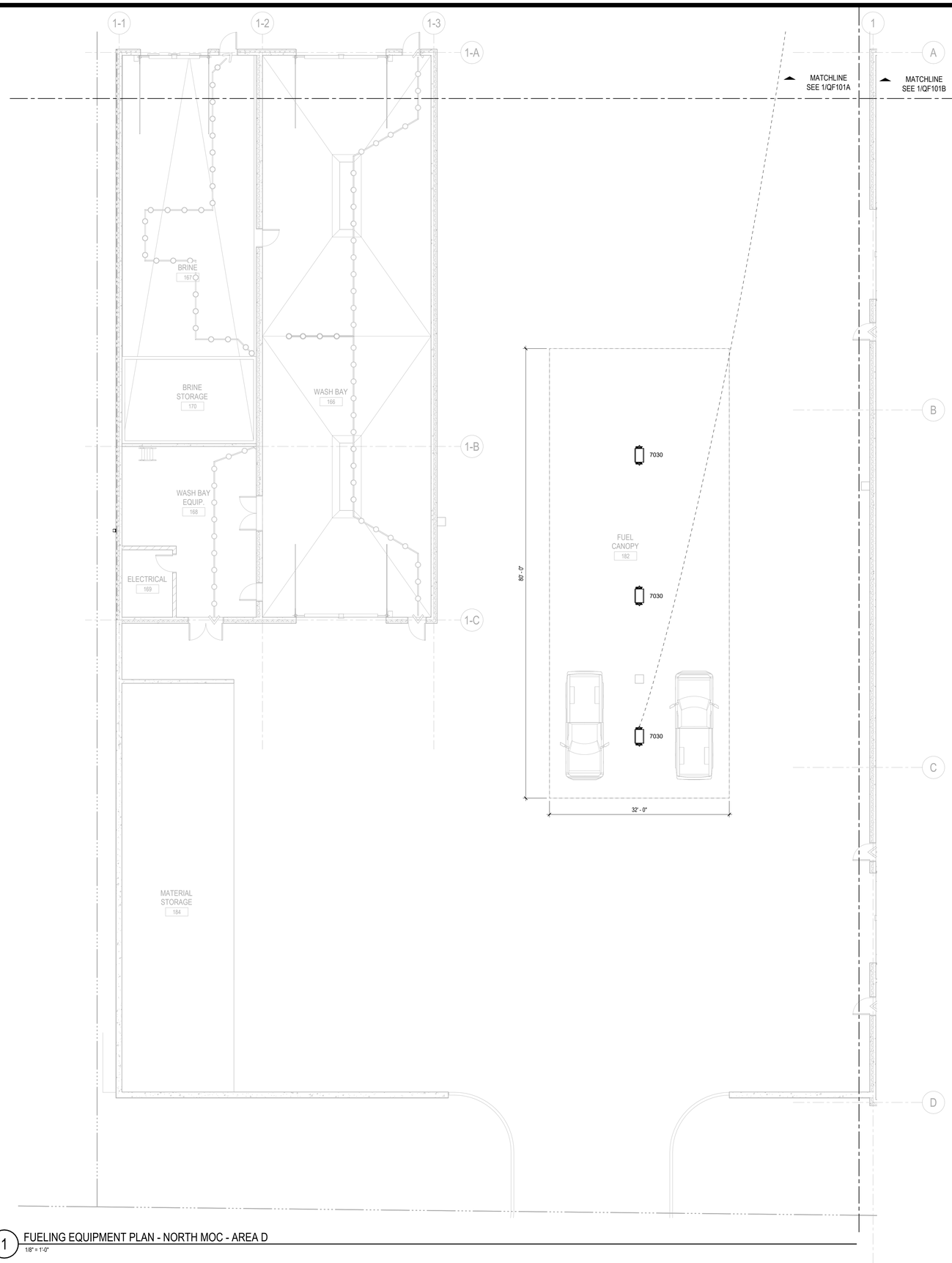
PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
FUELING EQUIPMENT PLAN - NORTH MOC - AREA A

DRAWN BY: Author
CHECKED BY: Checker
PROJ. NO: 10450148
DRAWING NO: QF101A

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1 FUELING EQUIPMENT PLAN - NORTH MOC - AREA D
1/8" = 1'-0"

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701 WASHINGTON AVE. N, STE 200 | MINNEAPOLIS, MN 55401 | 612.338.2029

CLIENT:

ROSEVILLE
2660 CIVIC CENTER DR | ROSEVILLE, MN 55113

CONSULTANT:

HDR
1601 UTICA AVENUE SOUTH, SUITE 600 | ST. LOUIS PARK, MN 55416-3400

A	B
D	C

KEYPLAN

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PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
FUELING EQUIPMENT PLAN - NORTH MOC - AREA D

DRAWN BY: NMCDONALD
CHECKED BY: Checker
PROJ. NO: 10450148
DRAWING NO: QF101D

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33 52 10 FUEL SYSTEMS EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	COUNT	REMARKS
CF/CI					
7080	TRANSITION SUMP, SINGLE WALL	BRAVO	B944-S48	1	

33 56 13 ABOVEGROUND FUEL STORAGE TANKS EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	COUNT	FUEL TYPE	CAPACITY (GAL)	REMARKS
CF/CI							
7366	TANK, STORAGE, ABOVEGROUND	HIGHLAND TANK	FIREGUARD UL-2085	2	UNL	8000	
7380	TANK, ABOVEGROUND, STORAGE	HIGHLAND TANK	FIREGUARD UL-2085	1	DSL	20000	

33 57 10 FUEL DISPENSING EQUIPMENT SCHEDULE

Q ID #	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	COUNT	FUEL TYPE	FUEL TYPE	REMARKS
7030	DISPENSER, DUAL, FUEL	GASBOY	ATLASX 9853GXTW1	1	DSL	DSL	1
7030	DISPENSER, DUAL, FUEL	GASBOY	ATLASX 9853GXTW1	2	UNL	UNL	2
7040	SPILL CONTAINER, REMOTE, AST	MORRISON BROS	515—2300 AC	3			3

GENERAL NOTES

33 57 10 FUEL DISPENSING EQUIPMENT
1. 20-GPM NOMINAL FLOWRATE
2. 12-GPM NOMINAL FLOWRATE
3. 2-PORT (3", 3"); 15-GALLON CAPACITY

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	06/05/2026	SD SET

NO	DATE	REVISION

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06/05/26

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PROJECT NAME:
ROSEVILLE MOC

2737 Lexington Ave N,
Roseville, MN 55113

DRAWING TITLE:
FUELING SCHEDULES

DRAWN BY: NMCDONALD
CHECKED BY: Reviewer
PROJ. NO: 10450148
DRAWING NO: QF601

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Maintenance Operations Center
City of Roseville
6/5/2026

KRAUS-ANDERSON®

Description	License / Passport / Dance Studio: Master Plan Concept C License/Dance	License / Passport / Dance Studio: Concept License/Dance/Park	License / Passport / Dance Studio: SD License/Dance/Park	Public Works MOC: Master Plan Concept C MOC	Public Works MOC: Concept MOC	
Update Date	06/06/25	04/16/26	06/04/26	06/06/25	05/29/26	
PROJECT REVENUE / FUNDING						
Bonding	$14,500,000.00	$14,500,000.00	$14,500,001.00			
Local Option Sales Tax				$64,200,000.00	$64,200,000.00	
Interest Earnings						
CIP						
Rebates (Tax/Energy etc.)						
Other Funding Sources (Grants etc.)						
TOTAL PROJECT REVENUE	**$14,500,000.00**	**$14,500,000.00**	**$14,500,001.00**	**$64,200,000.00**	**$64,200,000.00**	
PROJECT AREA BREAKDOWN						
Public Works Facility	*0*	*0*	*0*	*128,895*	*132,779*	
License Center/Dance Studio	*19,600*	*13,500*	*13,600*	*0*	*0*	
Total GSF	*19,600*	*13,500*	*13,600*	*128,895*	*132,779*	
Site Area (Acres)		*4.5*	*4.5*		*12*	
CONSTRUCTION COSTS						
LPDS Site	$ 2,529,800	$1,081,722.00	$966,906.00	$0	$881,146	Concept (LPDS parking in MOC)
Park	$ -	$400,000.00	$419,207.00	$ -	$697,390	Softball Field (MOC), playground and basketball court (LPDS)
License Center/Dance Studio	$6,240,625	$5,635,264.00	$5,993,253.00			SD LPDS Base Bid (no alts)
MOC North Site & Buildings				$ 11,625,464	$12,323,707	
MOC South Site & Buildings				$25,804,220	$26,113,061	
VFW						Concept
Retail/Commercial Space						Concept
Value Management	$0	$0.00	$0.00	$0	$0	
Design Contingency	$701,634	$711,699	$737,937	$3,742,968	$4,001,530	10% Concept
Sustainability Upgrades		$0	$500,000		$0	
Escalation (4%/year)	$757,765	$626,295	$487,038	$3,293,812	$5,282,020	Assumes 4% per year
Subtotal	**$10,229,824**	**$8,454,979**	**$9,104,341**	**$44,466,465**	**$49,298,855**	
Contingency						
Remaining Contingency	$511,491	$422,749	$455,217	$2,667,988	$2,957,931	5% LPDS, 6% MOC
Pending Changer Orders						PCO Log Totals
Executed Change Orders						Executed Change Orders
CM Site Services	In soft costs	$1,200,000	$1,200,000	In soft costs	$3,400,000	
Bonds and Insurance	In soft costs	Included above	Included above	In soft costs	Included above	
General Conditions	$420,000	$420,000	$420,000	$720,000	$1,250,000	
CM Fee	In soft costs	$136,470	$145,334	In soft costs	$739,788	
CONSTRUCTION COSTS SUB TOTAL	**$11,161,315**	**$10,634,199**	**$11,324,892**	**$47,854,452**	**$57,646,574**	
SOFT COSTS	**$3,348,394**			**$12,920,702**		
Design Fees and Reimbursable		$662,456.55	$662,456.55		$2,100,534.45	
Construction Management Fee		Included in construction above	cluded in construction above		Included in construction above	
Permits, Plan Reviews & Fees		$11,647.39	$12,220.66		$50,667.66	
Utilities - Connections		$130,000.00	$130,000.00		$300,000.00	
Pre-Construction Surveys & Studies		$25,000.00	$25,000.00		$150,000.00	
Testing & Inspections		$90,750.00	$90,750.00		$534,726.50	
Bidding, Legal, Finance & Misc.		$13,180.00	$13,180.00		$939,400.00	
City Purchase Orders		$15,000.00	$15,000.00		$575,000.00	
Soft Cost Contingency		$94,803.39	$94,860.72		$232,516.43	10% LPDS, 5%MOC
FF&E Expenses		$700,000.00	$700,000.00		$1,450,000.00	
FFE Contingency		$70,000.00	$70,000.00		$145,000.00	10% Both
SOFT COSTS SUB-TOTAL	**$3,348,394**	**$1,812,837**	**$1,813,468**	**$12,920,702**	**$6,477,845**	
TOTAL PROJECT COSTS	**$14,509,709**	**$12,447,036**	**$13,138,360**	**$60,775,155**	**$64,124,419**	**Constr. Cost + Soft Costs**
VARIANCE (OVER) / UNDER	($9,709.38)	$2,052,963.87	$1,361,641.02	$3,424,845.37	$75,580.95	Total Project Revenue / Total Project Costs

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.e.

Department Approval

City Manager Approval

Item Description: Joint Meeting with Finance Commission

Background

Each year the City Council meets with various commissions to review activities and accomplishments and to discuss the upcoming year's work plan and issues that may be considered.

Since the last joint meeting on June 16, 2025, the Finance Commission has conducted the following discussions or activities:

- Reviewed and made recommendation on the 2026-2045 Capital Improvement Plan review #1 – July 8th, 2025
- Reviewed and provided recommendations on the 2026 Budget, Tax Levy and Utility Rates — August 27th, 2025
- Reviewed and made recommendation on the 2026-2045 Capital Improvement Plan review #2 — August 27th, 2025
- Established Recommendation on 2026 City Manager Recommended Budget & Tax Levy — September 9th, 2025
- Establish Recommendation on 2026-2046 Capital Improvement Plan — September 9th, 2025
- Present Budget Recommendation to City Council — September 15th, 2025
- Update on the Council's adopted 2026 preliminary Budget & Tax Levy — October 14th, 2025
- Review final 2026 Budget & Levy — January 13th, 2026
- CIP discussion — should inflation be included, debt issuance — February 10th, 2026
- Review 2025 Investment Portfolio and performance — March 10th, 2026
- Reviewed excess cash reserve fund for 2025
- Received and reviewed 2025 audit reports

City Council Meeting – Key Discussion Items

The Finance Commission would like to share their thoughts on the following topics:

1. Police Contracts with Retailers

2. License Center
3. Public Safety Staffing and Costs
4. Levy Increase: 2025 to 2026 Budget
5. General Fund Reserves Strategy for 2027
6. Financial Reporting and GFOA Award
7. Long-Term Liabilities
8. Fair Market Value of Investments
9. Assessed Values: Residential vs. Commercial
10. Balancing Property Tax Increases with Service Expectations
11. Current Work Plan and 2027 Work Plan Recommendations

Policy Objectives

Not applicable.

Equity Impact Summary

No equity impact.

Budget Implications

Not applicable.

Staff Recommendations

Receive updates on 2025 accomplishments and ongoing 2026 commission work.

Requested Council Action

For information purposes only. No formal Council action is required. The Finance Commission is appreciative of any guidance the City Council provides.

Prepared by: Sam Magureanu, Finance Director

Attachments: 1. 2026 Calendar

Attachment # 1

Roseville Finance Commission

2026 Meeting Topics & Calendar

Month	2026 Discussion Topics (Tentative)
January 13	▪ Review final 2026 Budget & Levy ▪ Government Budget and Financial Processes Review ▪ Maintenance and Operations Center update
February 10	▪ CIP Discussion-should inflation be factored in, debt issuance, other changes ▪ Maintenance and Operations Center update ▪ Commissioner request for additional information in the ACFR
March 10	▪ Select Chair, Vice-Chair, and Ethics Commission Representative ▪ Review 2025 Investment Portfolio performance ▪ Maintenance and Operations Center update
April 14	▪ Oath of Office by new Commissioners ▪ Review 2025 preliminary year-end cash reserve levels ▪ Maintenance and Operations Center update
May 12	▪ Discuss items for Joint City Council-Finance Commission meeting ▪ Review 2025 Audit Reports ▪ Maintenance and Operations Center update
June 9	▪ Finalize discussion items for joint City Council-Finance Commission meeting ▪ Maintenance and Operations Center update
July 14	▪ 2027-2046 Capital Improvement Plan review #1 ▪ Maintenance and Operations Center update
August 26 * Wednesday	▪ Discuss the 2027 City Manager Recommended Budget & Tax Levy ▪ 2027-2046 Capital Improvement Plan review #2 ▪ Maintenance and Operations Center update
September 15	▪ Establish Recommendation on 2026 City Manager Recommended Budget & Tax Levy ▪ Establish Recommendation on 2027-2046 Capital Improvement Plan ▪ Maintenance and Operations Center update
September 21	▪ Present Budget Recommendation to City Council
October 13	▪ Update on the Council-adopted 2027 preliminary Budget & Tax Levy ▪ Review and adopt a recommendation on the 2027 proposed utility rates ▪ Review the City's Investment Policy
November 10	▪ Adopt 2027 Meeting Calendar ▪ Adopt 2027 Work Plan ▪

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.f.

Department Approval

City Manager Approval

Item Description: Present Popular Annual Financial Report (PAFR)

Background

The City of Roseville has developed its first-ever Popular Annual Financial Report (PAFR) to provide residents with a clear, accessible, and visually engaging overview of the City's financial activities for the year ended December 31, 2025. This new report is designed to complement the Annual Comprehensive Financial Report (ACFR) by presenting key financial information in a simplified, easy-to-understand format that highlights major funds, city services, financial trends, and notable capital investments. The PAFR reflects the City's ongoing commitment to transparency, public engagement, and effective communication, ensuring that community members can better understand how public resources are managed and invested.

Exactly **12 Minnesota cities** currently publish a Popular Annual Financial Report (PAFR): Arden Hills, Bloomington, Brooklyn Park, Edina, Fridley, Little Canada, Monticello, Plymouth, Red Wing, St. Cloud, St. Louis Park, Woodbury.

Policy Objectives

This item supports the City's Strategic Plan by advancing the Community and Civic Engagement desired impact that Roseville's public, across all demographics, feels informed and valued. The Popular Annual Financial Report (PAFR) provides financial information in an accessible, easy-to-understand format that helps residents better understand how public resources are managed, how financial decisions support City services and priorities, and how the City's mission, vision, values, and Strategic Plan influence those investments. By making complex financial information more transparent and understandable, the PAFR strengthens public awareness of City operations and promotes informed community engagement.

Equity Impact Summary

The PAFR is designed to make financial information accessible to a broader audience, supporting the City's commitment to ensuring all residents have meaningful access to information that informs community understanding and participation.

Budget Implications

None

Staff Recommendations

Receive the Popular Annual Financial Report for fiscal year-end December 31, 2025

Requested Council Action

To receive the Popular Annual Financial Report for fiscal year-end December 31, 2025

Prepared by: Sam Magureanu, Finance Director

Attachments:
1. Roseville-pafr-2025 FINAL
2. Roseville_PAFR_Presentation

City of Roseville, Minnesota

Popular Annual Financial Report

Fiscal Year End Dec. 31, 2025

Attachment #1



ROSEVILLE

Finance Department

Message from the Finance Director

We're pleased to present the City of Roseville 2025 Popular Annual Financial Report. Through a combination of graphics and plain language, this publication provides a high-level, easy-to-understand snapshot of the city's finances.

Sincerely,
Sam Magureanu,
Finance Director





About the City of Roseville

Roseville is a vibrant suburban community located just north of Minneapolis and St. Paul. Roseville is 13.8 square miles and has 35,663 residents, but the community doubles in size every day with visitors and workers traveling into the city. Located on I-35W & State Highway 36, Roseville borders Minneapolis and St. Paul, and is a quick commute to both downtowns.

Roseville is home to the John Rose Minnesota OVAL, the largest outdoor refrigerated sheet of ice in North America; Rosedale Center, a destination shopping center which attracts 14 million visitors annually; the nation's first Target store; and 33 city parks, including our signature green space Central Park.

City services include professionally staffed police and fire departments, street maintenance, parks & recreation, building inspection, planning and zoning, public water, stormwater, sanitary sewer utilities, and general administrative services. Roseville also operates a license and passport center.



ROSEVILLE

2025 Popular Annual Financial Report

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13 Community Development Fund Revenue and Expenditures
14 Capital Project Funds
16 Financial Forecasting
17 Debt Service Funds
18 Enterprise Funds
21 Net Position Enterprise Funds
22 Property Taxes

Glossary of Key Governmental Accounting Terms

Assets – Resources the government owns or controls that have value. These can include cash, buildings, equipment, land, and amounts owed to the government.

Bond Rating – An independent assessment of the government's creditworthiness. Bond ratings, issued by agencies like Moody's or S&P, affect how much interest the government must pay when borrowing money. Higher ratings indicate lower financial risk.

Enterprise Funds – Funds used to account for government services that operate like businesses and are primarily supported by user fees rather than taxes.

Fund Balance – The difference between a governmental fund's assets and liabilities. It represents the financial resources that are available (or restricted) for future spending. Fund balance categories include nonspendable, restricted, committed, assigned, and unassigned.

Gross Levy – The total amount of property tax a city (or other taxing authority) levies before subtracting any state aids, credits, or other reductions. It represents the full tax amount needed to fund services and is calculated prior to applying any offsets that reduce what taxpayers ultimately pay.

Liabilities – Financial obligations the government must pay in the future. Examples include loans, bonds payable, unpaid invoices, and pension obligations.

Market Value Adjustment (MVA) - An adjustment made to reflect the current market value of an investment when it is cashed out or valued before its maturity date.

Net Position – The difference between a government's assets and liabilities. It represents the government's overall financial health and includes amounts invested in capital assets, restricted resources, and unrestricted funds available for general use.

Statement of Net Position – A financial statement that provides a snapshot of a government's financial condition at a specific point in time. It lists what the government owns (assets), what it owes (liabilities), and the resulting net position.

Tax Capacity – A calculated value used in Minnesota's property tax system that represents a property's share of the tax base. It is determined by multiplying a property's taxable market value by a classification rate set by the state. Properties with higher value or higher classification rates contribute more tax capacity, which helps decide how the overall tax levy is distributed among taxpayers.

Tax Rate – The percentage applied to a property's taxable value to determine the amount of property tax owed. It reflects how much revenue the city needs to raise (the levy) relative to its total tax base. Higher tax rates generally indicate a greater need for revenue or a smaller tax base.

ROSEVILLE

2025
BY THE NUMBERS

COMMUNITY EVENTS

- Rosefest
- New Year's Eve on Ice
- Clean Up Day & Free Shredding Day
- Live at the Rog Summer Concert Series
- Wild Rice Festival

30,000+ EVENT ATTENDEES

4,547 PERMITS ISSUED

1M+ SOCIAL MEDIA VIEWS

124 MILES OF STREETS,
162 MILES OF WATERMAINS,
157 MILES OF SANITARY SEWERS

33 PARKS,
32 MILES OF TRAILS,
680 ACRES OF PARKS,

CITY OF ROSEVILLE
DEMOGRAPHIC DATA

Median Age
42 years old

Median Household Income
$86,930

Unemployment Rate
3.8%

Race



- White: 71.19%
- Asian: 9.48%
- Black: 8.78%
- Hispanic or Latinx: 5.36%
- More than one race, non-Latinx: 5.19%

City Finances Introduction

The City of Roseville presents its Popular Annual Financial Report (PAFR). This report aims to inform the community of the city's financial activity in a simple, easy-to-read format for the fiscal year ending December 31, 2025. These highlights are based on the city's Annual Comprehensive Financial Report (ACFR), which is a more extensive, audited document.

Municipal financial transactions are divided into several different funds. The City of Roseville has two main categories: governmental funds and business-type funds. Governmental funds are supported by taxes and intergovernmental aid. Business-type funds are supported by customer charges.

The report begins with an analysis of the City's Statement of Net Position for Governmental Activities, including a detailed review of the City's assets, liabilities, and overall net position. This is followed by an examination of Governmental Funds revenues and expenditures. The report then provides detailed financial results for the following funds: General Fund, Recreation Fund, Community Development Fund, Capital Project Funds, Debt Service Funds, and Enterprise Funds.

A final section analyzes property taxes and components that contribute to the calculation of property taxes, such as tax capacity, tax rates, and changes in median single-family home valuations.

General Fund

City's primary operating fund

Recreation Fund

Funds supporting high-quality recreation and community programs

Community Development Fund

Funds supporting safe, healthy, and well-planned neighborhoods

Capital Projects Funds

Funds for acquisition or construction of major capital infrastructure

Debt Service Funds

Funds collected from taxes and other sources to pay debt

Enterprise Funds

Use-fee funds collected from external customers



Statement of Net Position - Governmental Activities

How the city's governmental activities are financially doing overall

City assets (including deferred outflows of resources) exceeded liabilities (including deferred inflows of resources) at the close of the fiscal year, as illustrated in the graph below. Of the total net position, $17,604,313 represents unrestricted net position, which may be used to meet the City's ongoing obligations to citizens and creditors.

The net position of the City's governmental activities increased by $7,423,460 during the fiscal year. This increase is primarily due to:

- A $1.98 million increase in the *Due from Other Governments* category, resulting from local sales tax revenues collected in 2026 that relate to 2025 activity. The City began collecting local sales tax mid-year to finance a new Maintenance Operations Center for the Public Works and Parks and Recreation Departments.
- A $1.58 million increase in capital assets not being depreciated, due to the acquisition of a new fire truck. This purchase is reflected in the Construction in Progress classification at year-end 2025.

Total capital assets, net of accumulated depreciation and excluding construction in progress, totaled $98,857,714 at year-end. These capital assets are used to provide services to residents and are therefore not available for future spending.

Cash and investments totaled $58,574,838 at year-end, an increase of $2.7 million. This increase reflects additional cash generated from local sales tax collections that are not yet being spent. Liabilities consists primarily of accounts and contracts payable (typically due or paid after year end) and long term liabilities (due in more than a year) such as debt and pension related expenditures.

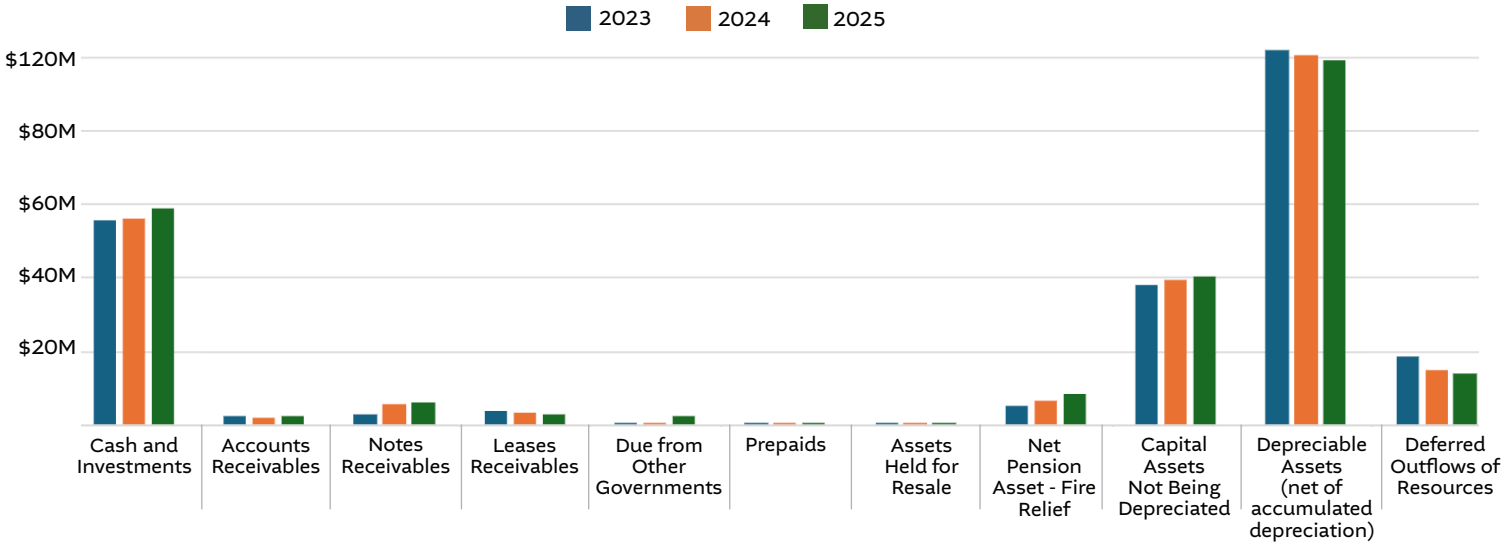
At the end of the current fiscal year, the City is able to report positive balances, both for the City as a whole, as well as for its separate governmental and business-type activities. The same situation held true for the prior fiscal years.

Governmental Assets	2025	2024	2023
Cash and Investments	$58,574,838	$55,871,814	$55,247,562
Accounts Receivables	2,273,088	1,842,450	2,117,521
Notes Receivables	6,145,941	5,696,203	2,948,899
Leases Receivables	2,684,142	3,434,523	3,795,315
Due from Other Governments	2,189,680	209,132	380,870
Prepaids	35,578	59,911	84,177
Assets held for resale	10,410	10,410	10,410
Net pension asset - fire relief	8,182,485	6,350,448	5,025,594
Capital Assets Not Being Depreciated	40,379,389	39,292,987	37,942,361
Depreciable assets (net of accumulated depreciation)	98,857,714	100,140,583	101,433,643
Deferred Outflows of Resources	14,004,443	14,988,810	18,381,687
Total	$233,337,708	$227,897,271	$227,368,039

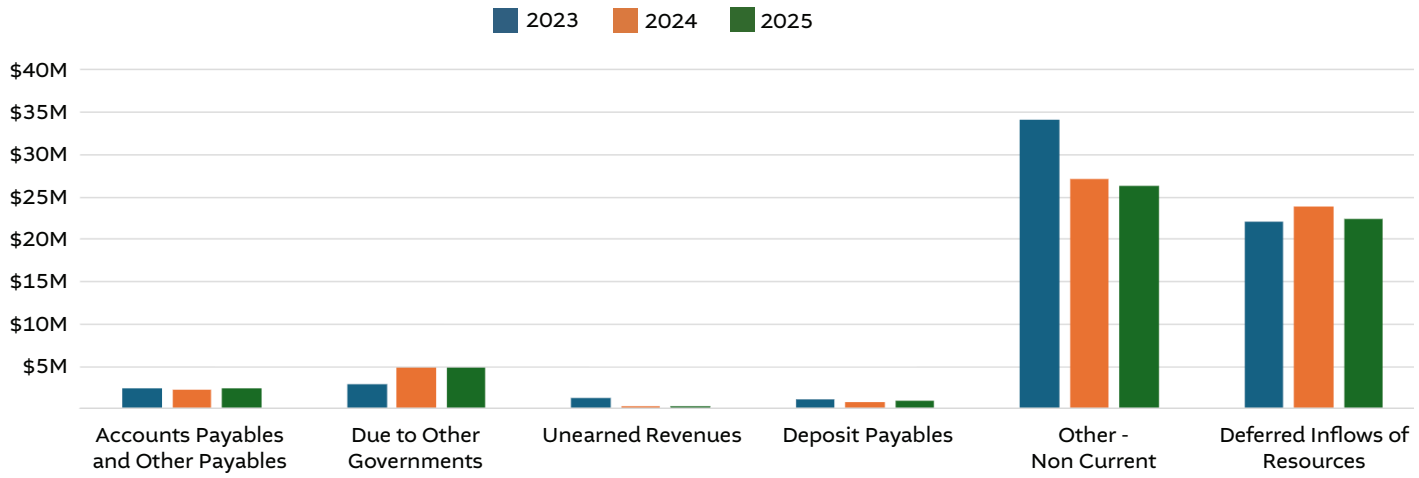
Liabilities	2025	2024	2023
Accounts Payables and Other Payables	$2,297,401	$2,115,885	$2,342,400
Due to other governments	4,789,108	4,723,476	2,783,067
Unearned Revenues	31,060	214,667	1,193,352
Deposit Payables	787,766	762,361	960,036
Other - Non Current	26,301,504	26,991,181	33,964,503
Deferred Inflows of Resources	22,385,858	23,768,150	22,074,727
Total	$56,592,697	$58,575,720	$63,318,085

Net Position	2025	2024	2023
Net Investment in Capital Assets	$129,331,576	$129,194,910	$126,897,771
Restricted for			
Fire Relief Pension	8,182,485	6,350,448	5,025,594
Law Enforcement	673,039	578,598	437,852
Public Safety Aid	145,415	397,179	1,594,625
Telecommunication	69,889	67,813	72,768
Community Development	4,175,869	4,365,513	4,399,493
Park Dedication	2,065,267	1,969,963	2,172,845
Capital Projects	2,949,435		
Tax Increment	7,604,722	7,002,039	5,506,016
Debt Service	2,362,396	2,304,102	2,250,234
Housing and Economic Development	1,580,605	1,144,513	919,566
Unrestricted	17,604,313	15,946,473	14,773,190
Summary Totals	**2025**	**2024**	**2023**
Summary Governmental Assets	$233,337,708	$227,897,271	$227,368,039
Summary Governmental Liabilities	$56,592,697	$58,575,720	$63,318,085
Summary Net Position	$176,745,011	$169,321,551	$164,049,954

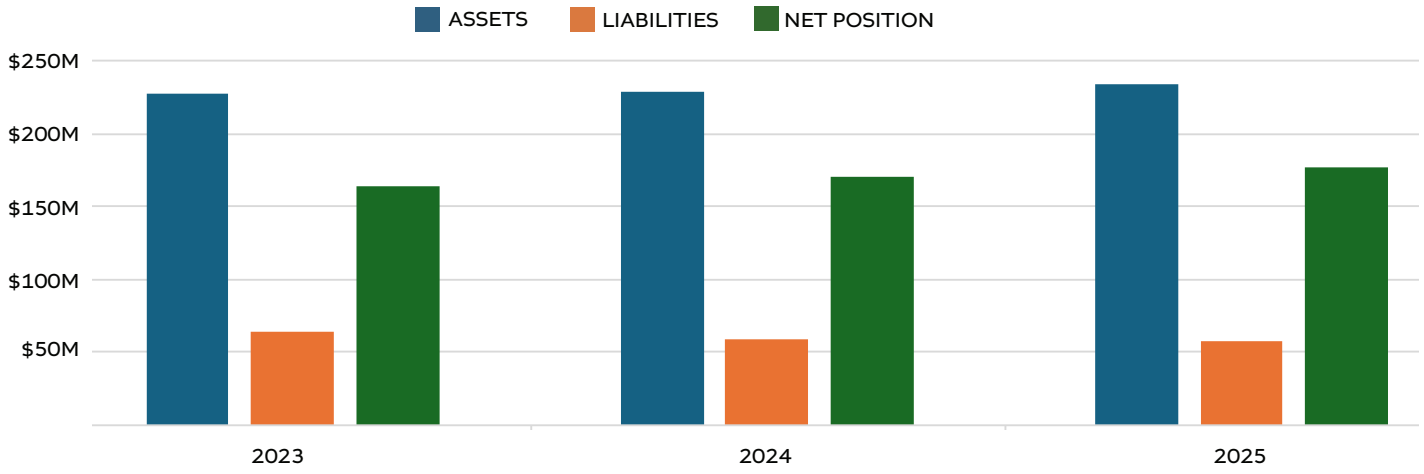
3-Year Comparison - Assets



3-Year Comparison - Liabilities



3-Year Comparison - Net Position Summary - Governmental Activities



Governmental Revenues and Expenditures

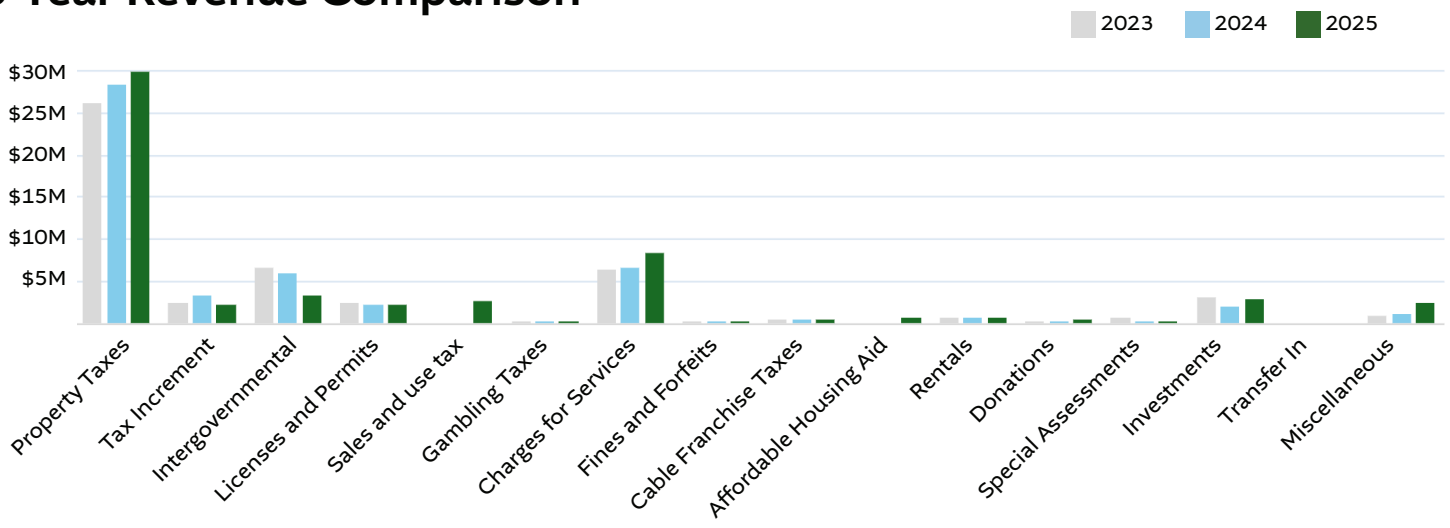
Governmental revenues totaled **$55,785,651**, an increase of **9.38% (or $5.23 million)** compared to 2024. The increase is primarily driven by the implementation of the **local sales tax in 2025**, which generated approximately **$2.54 million** in its first year. Additional contributing factors include:

- A **$1.75 million** increase in charges for services, primarily due to newly established contracted police services with Rosedale Mall and several other entities introduced in the first quarter of 2025.
- An increase of approximately **$940,000** in investment income (including market value adjustment).
- A **$1.34 million** increase in miscellaneous revenues, largely attributable to bond proceeds for the purchase of a new fire engine.

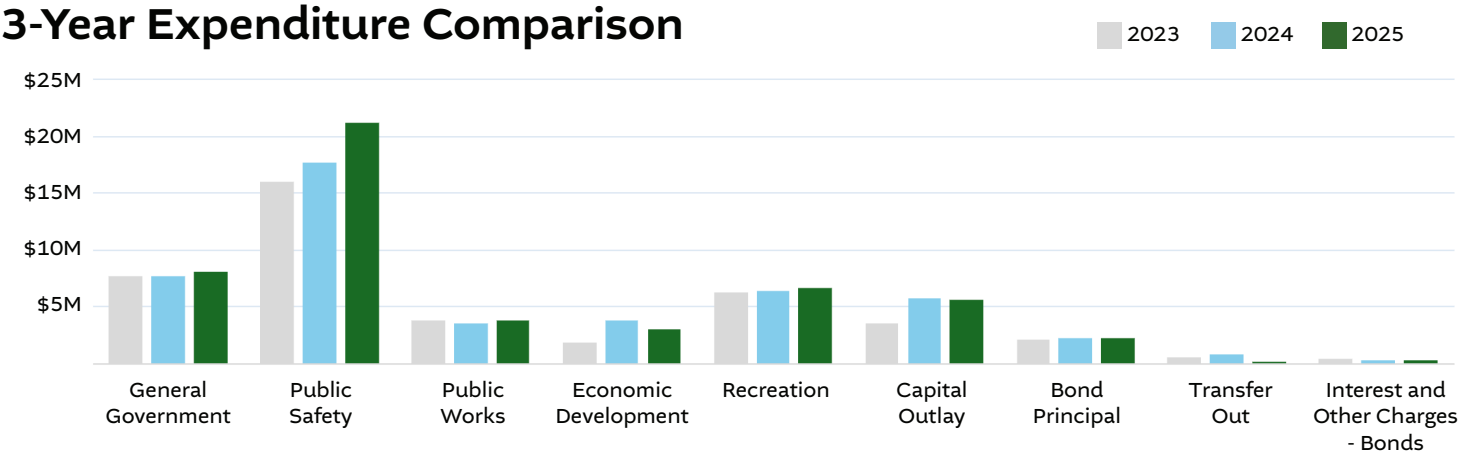
Governmental expenditures totaled **$50,791,575**, an increase of **5.69% (or $2.88 million)** compared to 2024. This growth is primarily related to increases in **public safety personnel costs** for both Police and Fire Services. Contributing factors include:

- Contract settlements for Police and Fire personnel
- Additional Fire Cadets
- The addition of a Housing Inspector in the Fire Department
- The addition of a Police Commander and two Mental Health Coordinators in the Police Department

3-Year Revenue Comparison



3-Year Expenditure Comparison

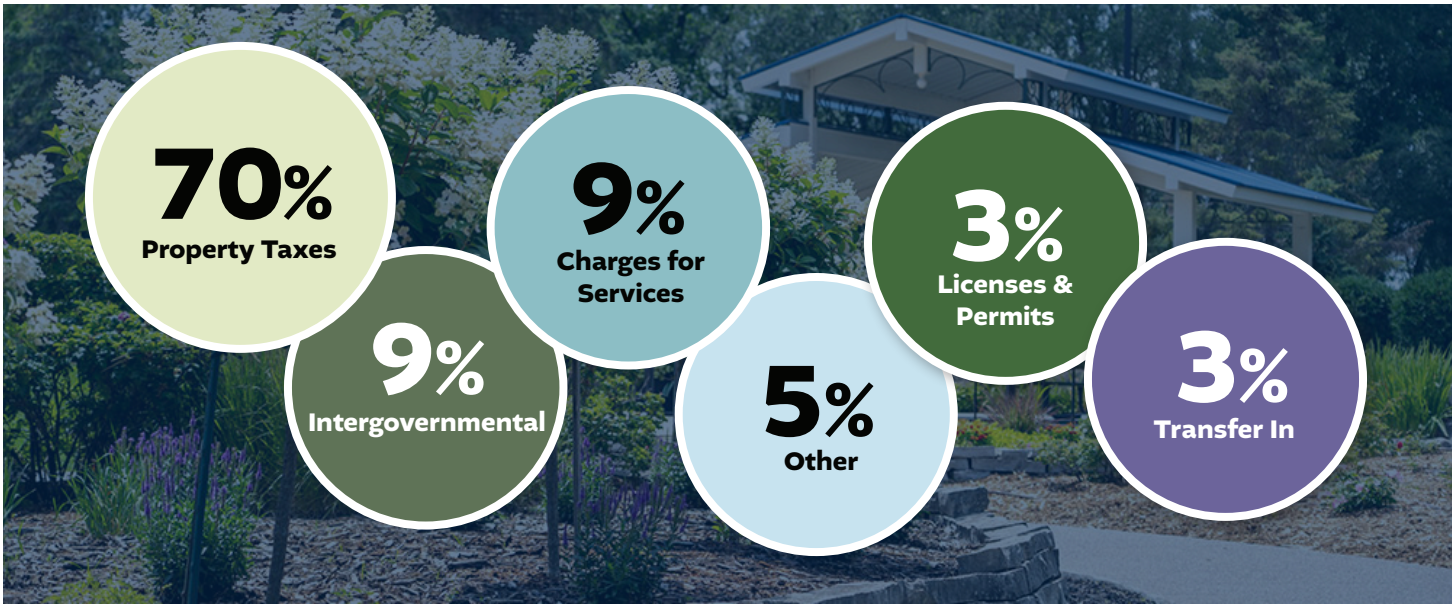


General Fund Revenue

Where the money comes from

The city's General Fund is the largest fund and is also one of the most vital to the city's operations. The General Fund is the primary fund that accounts for everyday expenditures like public safety (police and fire protection) and street and park maintenance. Like most funds, the General Fund relies on the inflow of cash, which is shown as revenue, whereas cash outflows are listed as expenditures.

The primary revenue for the General Fund is property taxes. Intergovernmental revenues are items like state/county aid and various state and federal grants. Note that the General Fund excludes the Recreation Fund and Community Development Fund. The activity for these funds are tracked separately and will be analyzed separately.



General Fund Revenues	2025	2024	2023
Property Taxes	$19,838,695	$18,468,975	15,846,459
Licenses and Permits	797,787	536,533	562,701
Intergovernmental	2,694,238	2,047,970	3,961,552
Charges for Services	2,616,982	1,361,505	1,568,997
Transfer In	935,288	782,770	982,994
Other	1,496,101	1,358,368	1,567,577
Total	$28,379,091	$24,556,121	$24,490,280

Budgeted Revenue: $25,857,998
Actual Revenue: $28,379,091

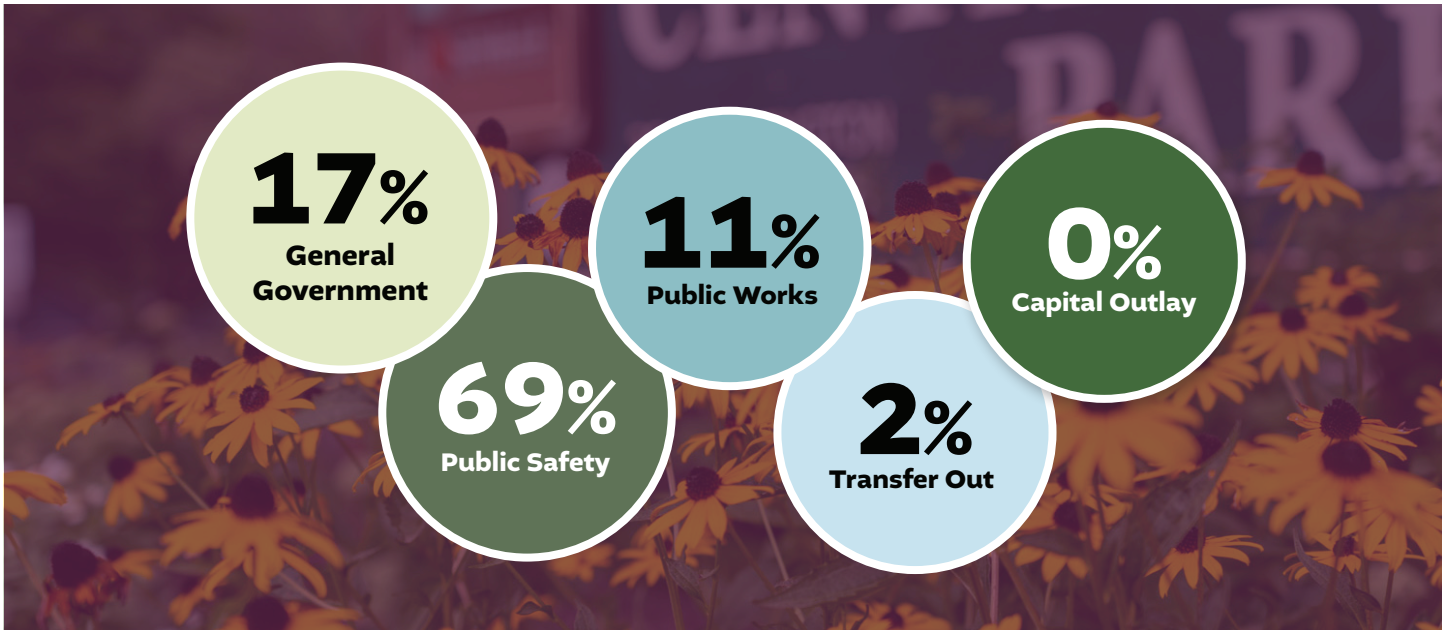
General Fund Expenditures

How the money is spent

At the end of 2025, General Fund expenditures totaled $27,915,942, an increase of $3.24 million. The increase was primarily driven by increases in **public safety personnel costs** for both Police and Fire Services.

Contributing factors include:

- Contract settlements for Police and Fire personnel
- Additional Fire Cadets
- The addition of a Housing Inspector in the Fire Department
- The addition of a Police Commander and two Mental Health Coordinators in the Police Department



General Fund Expenditures	2025	2024	2023
General Government	$4,723,513	$4,470,435	$4,346,115
Public Safety	19,497,277	16,183,960	14,476,306
Public Works	3,141,977	2,988,581	3,088,741
Capital Outlay	28,175	22,788	
Transfer Out	525,000	1,010,308	200,000
Total	$27,915,942	$24,676,072	$22,111,162

Budgeted Expenditures: $26,181,209
Actual Expenditures: $27,915,942

Recreation Fund Revenue and Expenditures

Where the money comes from and how it is spent

The City's Recreation Fund supports the planning and delivery of high-quality parks and recreation programs that reflect community needs and operate within available resources. All program activities are accounted for within this fund.

Recreation Fee Activities offer a wide range of opportunities, including adult classes, youth programs, sports, gymnastics, senior activities, arts programming, and volunteer initiatives.

Property taxes in this fund are used to cover costs associated with non-fee-supported programs, such as administrative and maintenance expenses.

These activities are designed to be **self-supporting**, meaning the fees collected from participants cover the direct costs of offering the programs. This approach ensures that residents receive valuable recreation services without requiring additional tax support for program expenses. In addition, the Recreation Department includes the Roseville Skating Center.

The Skating Center provides multi-purpose indoor/outdoor skating opportunities, recreational classes, senior citizen programs, and miscellaneous other activities, in a way that meets the needs of the city and state residents. No significant changes from the prior year were noted in the revenues and expenditures within the fund.



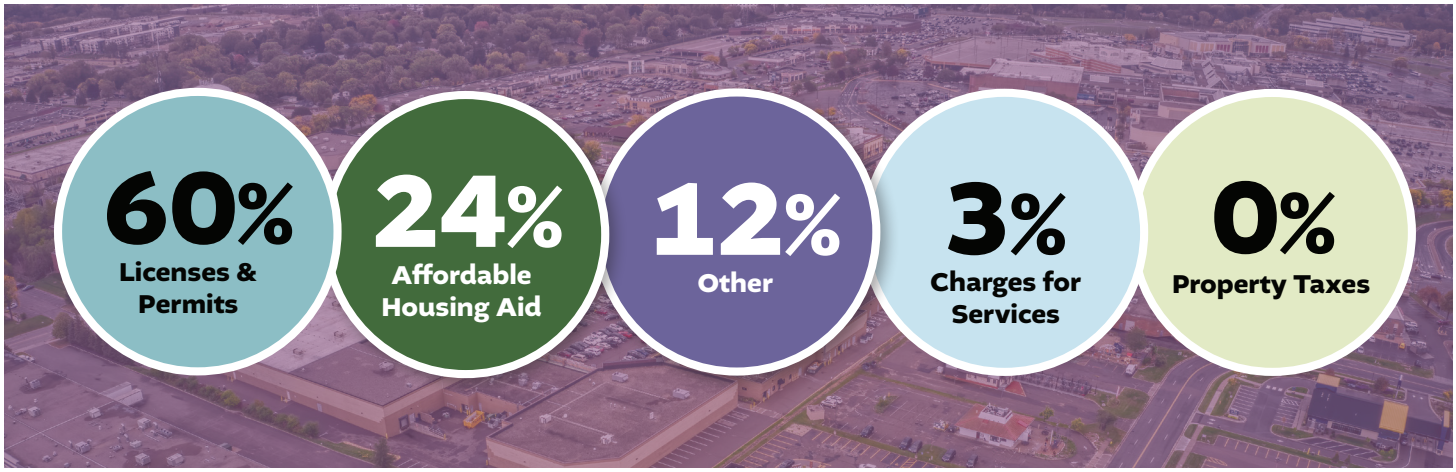
Revenues	2025	2024	2023
Property Taxes	$3,255,962	$3,196,071	$3,024,852
Charges for Services	2,751,280	2,674,596	2,549,944
Rentals	107,331	93,652	100,245
Donations	133,832	79,945	51,649
Transfer In	–	1,530	–
Other	197,579	186,880	172,078
Total	$6,445,984	$6,232,674	$5,898,768

Expenditures	2025	2024	2023
Recreation	$6,187,835	$5,782,781	$5,506,658
Capital Outlay	80,164	171,854	
Transfer Out	81,356	424,236	162,207
Total	$6,349,355	$6,378,871	$5,668,865

Community Development Fund Revenue and Expenditures

Where the money comes from and how it is spent

The Community Development Fund supports several programs that maintain safe, healthy, and well-planned neighborhoods throughout the city. The Planning Division guides land use, zoning, and development in alignment with city policies, working closely with multiple city bodies and property owners. Code Enforcement ensures building and land-use standards are followed to protect public safety and maintain property values. The Nuisance Code Enforcement Program addresses public nuisance issues to enhance neighborhood livability.
The GIS division manages geographic data, improves mapping, and supports long-range planning in coordination with other agencies. The Neighborhood Enhancement Program promotes upkeep of homes and businesses to protect property values and maintain strong neighborhoods. No significant changes from the prior year were noted in the revenues and expenditures within the fund.



Revenues	2025	2024	2023
Property Taxes			
Licenses and Permits	$1,415,647	$1,607,757	$1,687,232
Charges for Services	76,363	58,810	50,940
Affordable Housing Aid	563,752	211,214	
Other	286,813	172,738	279,892
Total	$2,342,575	$2,050,519	$2,018,064

Expenditures	2025	2024	2023
Public Safety - Inspections	$1,189,464	$1,134,500	$1,101,056
Community Development	730,920	703,963	645,538
Capital Outlay	47,567	44,719	
Total	$1,967,951	$1,883,182	$1,746,594

Capital Project Funds

The City of Roseville maintains a wide range of capital assets that support the delivery of high-quality services to our community. These assets include streets and pathways, parks, buildings, utility systems, vehicles, and equipment that residents rely on every day. Managing these resources responsibly is essential to maintaining our community's safety, functionality, and long-term financial stability.

To plan for the future, the City uses a 20-year capital planning approach that identifies major asset replacements, maintenance needs, and strategic investments. This long-range planning helps ensure that essential infrastructure remains in good condition, minimizes unexpected costs, and allows the City to align capital needs with available funding. By taking a proactive approach, Roseville can continue to provide reliable services while maintaining strong financial stewardship on behalf of residents and businesses. For the fiscal year 2025, the City gross levy for capital infrastructure was $3,745,000, or 12.19% of the total City levy.

Total 2025 Capital Improvement Expenses

$7,916,563

Significant 2025 Purchases and Projects

$1,789,746	RTX Electric Fire Truck
$1,190,203	2025 Pavement Management
$958,904	2025 Sanitary Sewer Lining
$517,677	Dale/Owasso Lift Station
$598,012	Police Vehicles
$502,538	Park Improvements - Lexington
$602,876	Sewer Jet Truck





New Fire Engine 631



Police Vehicles



Lexington Park Improvements

Financial Forecasting – General Fund

Comparing 2025 to 2024

Since the General Fund is the chief operating fund of the city, the fund's performance can provide us with a good indication of whether the city as a whole is financially improving or deteriorating from the previous year. The total unassigned fund balance as a percent of total fund expenditures is shown in the chart below along with total fund balance as a percent of total expenditures. The fund balance of the City's General Fund increased by **$463,149** during the current fiscal year. This increase is primarily the result of transfers in from the License Center Fund. The transfer was completed to align the General Fund's reserves with the State Auditor's recommendation and City policy, which require maintaining a minimum reserve level of **35% of the following year's General Fund expenditures.** At the end of 2025, the General Fund reserve was at 35.35%.

General Fund Fund Balances	Current Year 2025	Prior Year 2024
Nonspendable	$35,578	$59,911
Restricted	573,416	775,407
Assigned	641,838	1,851,338
Unassigned	9,977,378	8,078,405
Total	$11,228,210	$10,765,061



Debt Service Funds

Debt Service Funds are used to account for the accumulation of resources dedicated to the payment of principal, interest, and related fiscal charges on the City's outstanding debt obligations.

The City of Roseville maintains the highest possible credit ratings – Aaa from Moody's Investors Service and AAA from Standard & Poor's – on all general obligation debt. A AAA bond rating is important for local governments because it reflects exceptional financial health, strong management practices, and a very low risk of default. This top-tier rating allows cities to borrow money at the lowest possible interest rates, saving substantial taxpayer dollars over time. It also strengthens credibility with investors and supports long-term financial stability, helping the community fund essential projects more affordably.

The City currently services several significant debt issuances, including:

- **$3,880,000 in general obligation bonds** issued to finance the construction of a new fire station and to support a variety of parks renewal initiatives. The bond will mature in 2028, with 2027 being the final year the City will levy for the associated debt service payment.
- **$2,130,000 in refunding general obligation bonds** issued to refinance the debt originally used for construction of the new fire station and to provide funding for additional park improvements. The bond will mature in 2028, with 2027 being the final year the City will levy for the associated debt service payment.
- **$1,790,000 in general obligation bonds** issued for the purchase of a new RTX Electric Fire Engine, supporting the City's goals in modernizing public safety equipment and reducing fleet emissions. The bond will mature in 2033, with 2032 being the final year the City will levy for the associated debt service payment.
- **$1,605,000 in general obligation tax increment revenue bonds** issued to fund public improvements within Tax Increment Financing District No. 17, supporting continued redevelopment and economic growth. The bond will mature in 2032.
- **$1,600,000 in general obligation water revenue bonds** issued to finance the replacement of critical water infrastructure assets, ensuring the long-term reliability of the City's water system. The bond will mature in 2031.

Long-Term Debt Outstanding	2025	2024	2023
General Obligations	$9,400,000	$9,875,000	$12,065,000
Premium on Bonds	501,725	591,019	758,593
Tax Increment Revenue Bonds	1,605,000	1,805,000	2,005,000
Total	$11,506,725	$12,271,019	$14,828,593



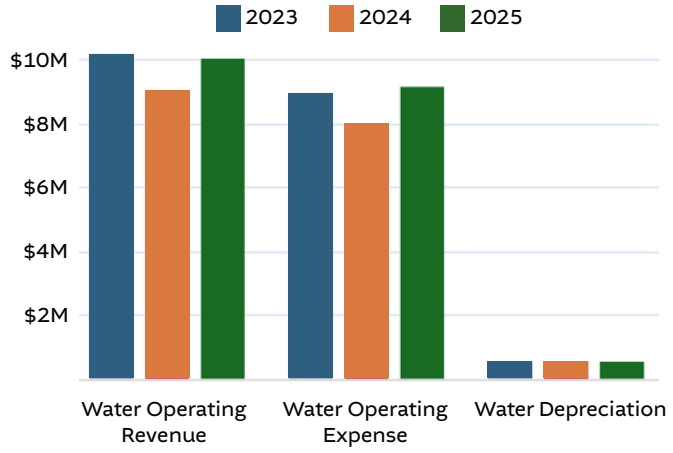
Enterprise Funds

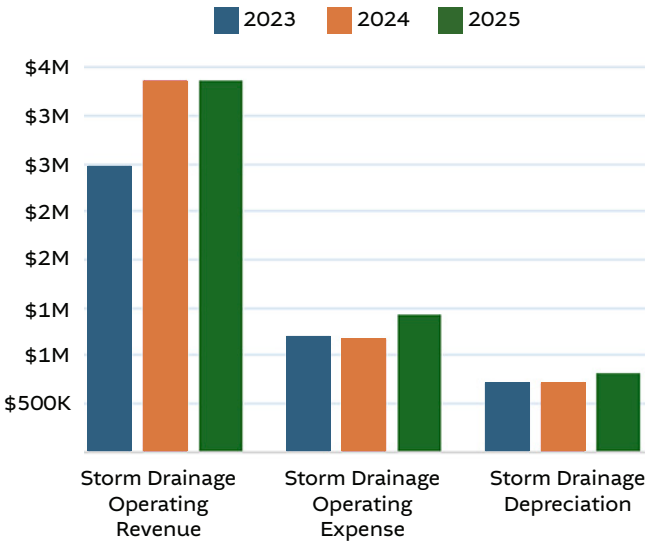
The City of Roseville currently has five enterprise funds (Water, Storm Water, Sanitary Sewer, Solid Waste Recycling, and Golf Course).

Enterprise funds are used to finance and account for the acquisition, operation, and maintenance of services. These services are entirely or predominantly self-supported by user charges. The accrual basis of accounting is used for these funds. However, capital outlay items are recorded as expenses during the year and reclassified to assets during the audit preparation.

Water Utility Financial Results

The Water Utility Fund operates as a self-sustaining enterprise fund. The City maintains its own water distribution system and purchases water on a wholesale basis from Saint Paul Regional Water Services (SPRWS). Metering devices are maintained to accurately account for customer usage. Water rates increased by 5.38% in 2025 for residential up to 15,000 gals/qtr. Total Operating Revenues were 93.38% to budget, while Operating Expenditures (excluding depreciation) were 90.04% to budget. The expenditure variance was primarily due to lower wholesale water costs resulting from reduced consumption. In addition, certain Capital Asset expenditures were capitalized, and Debt Service payments were reclassified to offset related liabilities, further reducing operating expenditures.





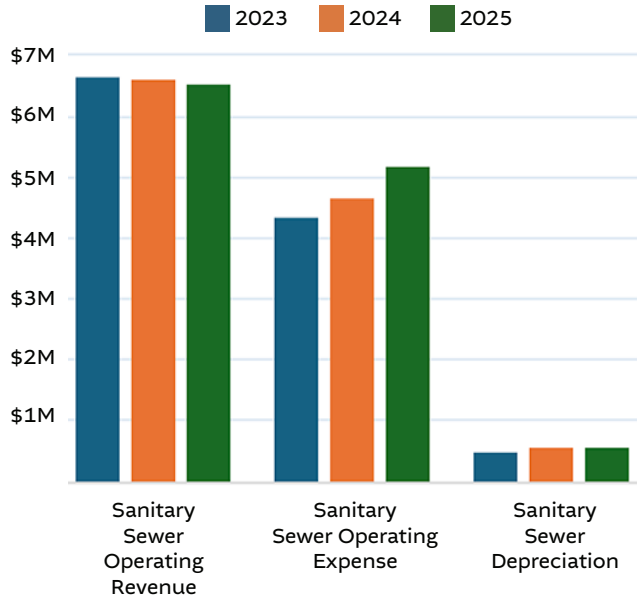
Storm Water Utility Financial Results

The Storm Water Fund operates as a self-sustaining enterprise fund and is used to separately identify all operating costs and projects related to storm water management infrastructure. This structure supports clear tracking and helps ensure storm water infrastructure needs are closely monitored. Revenues, generated primarily from the storm water utility fee, reached 102.87 percent of the annual budget. Operating expenditures (excluding depreciation) were 61.73 percent of budget. The expenditure variance is largely due to certain capital asset purchases being capitalized, which reduced operating expenses. Storm water operating expenditures consist primarily of personnel costs and capital infrastructure investments. Storm Water rates were a 1.98% decrease in 2025.

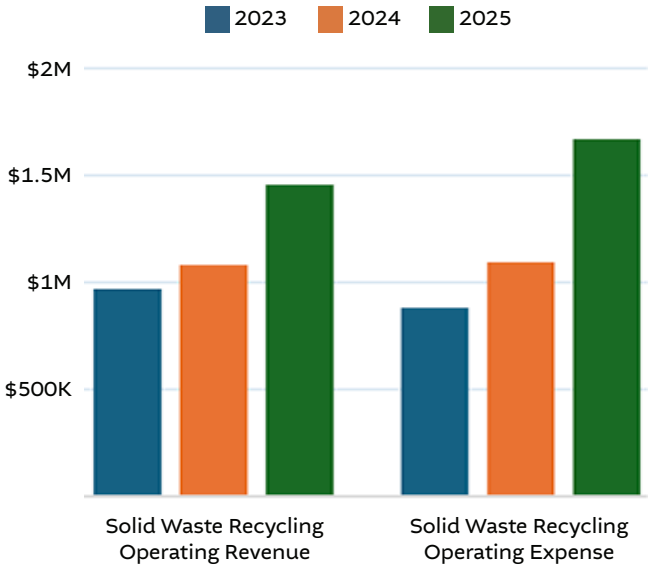
Enterprise Funds

Sanitary Sewer Utility Financial Results

The Sanitary Sewer Fund operates as a self-sustaining enterprise fund. The City's Public Works Department is responsible for maintaining the sanitary sewer system, including sewer line inspections, flushing and cleaning, and routine lift station maintenance. Wastewater from the City flows into the Metropolitan Council Environmental Services (MCES) regional treatment system. For 2025, the sewer utility rate remained unchanged with no increase. Total Operating Revenues reached 96.03% of budget, while Operating Expenditures (excluding depreciation) were 77.01 % of budget. The expenditure variance is primarily due to certain capital asset purchases being capitalized, which reduced reported operating expenses.







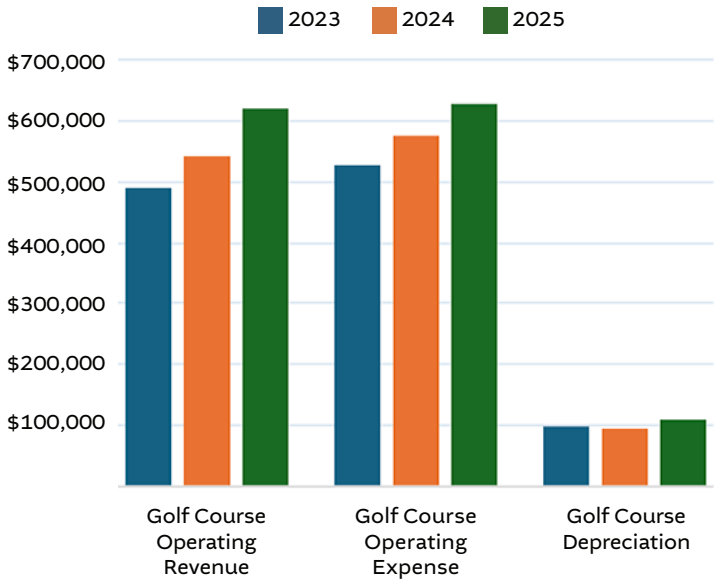
Solid Waste Recycling Financial Results

The Solid Waste Recycling Fund operates as a self-sustaining enterprise fund, accounting for all resources and expenditures related to the operation of a solid waste recycling collection system. Total Operating Revenues reached 119.66% of budget. This was a result of the purchase of recycling carts citywide, which were partially funded by a Ramsey County PEIG grant. Operating Expenditures were 92.12% of budget, driven by overall charges coming in approximately $48,000 under budget.

Enterprise Funds

Golf Course Financial Results

The Golf Course Fund operates as a self-sustaining enterprise fund accounting for all resources and expenditures related to the operation and maintenance of the municipal golf course. Total Operating Revenues reached 127.04% of budget, primarily due to transfers in from capital-related activities. Operating Expenditures (excluding depreciation) were 92.12% of budget, driven by overall charges coming in approximately $50,000 under budget.





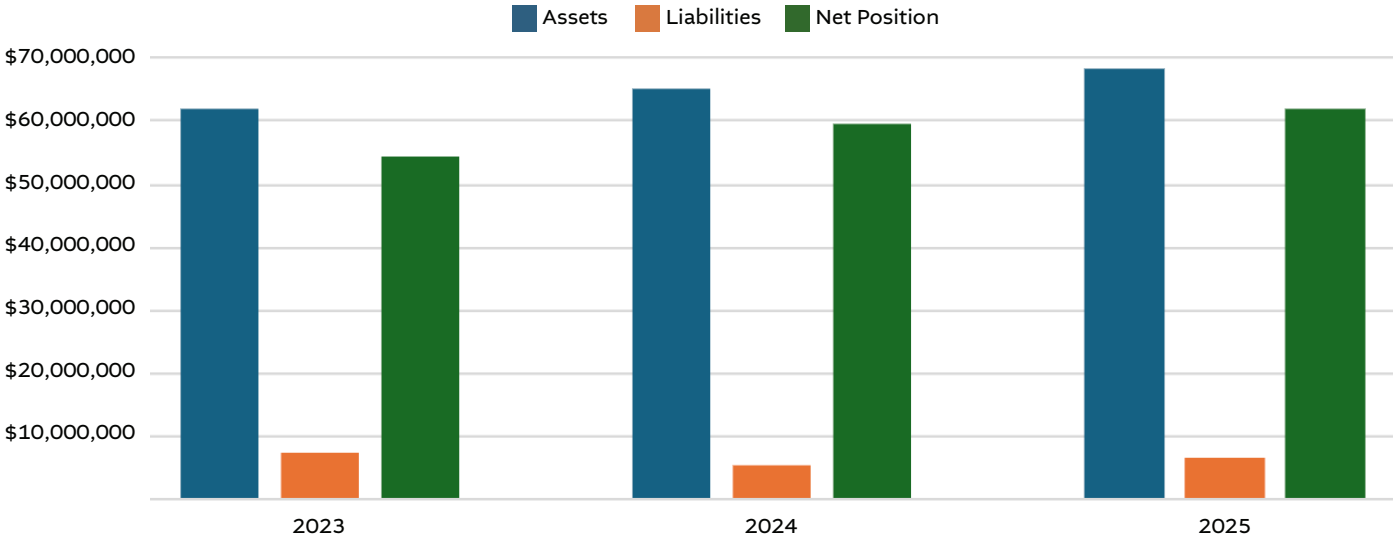
Net Position - Enterprise Funds

City assets (including deferred outflows of resources) far exceeded its liabilities (including deferred inflows of resources) at the close of the most recent fiscal year, as shown in the graph below. Of this amount, $12,561,937, the unrestricted amount of net position, may be used to meet the City's ongoing obligations to citizens and creditors. The net position of the City's governmental activities increased by $2,272,288 and relates primarily to an increase in capital assets (e.g., land, buildings, machinery, improvements). The total capital assets at year-end totaled $68,150,373. The City uses these capital assets to provide services to citizens; consequently, these assets are not available for future spending. Cash and investments totaled $12,382,108 at year-end.

Liabilities consist primarily of accounts and contracts payable (typically due or paid after year end) and long term liabilities (due in more than a year) such as debt and pension related expenditures.

At the end of the current fiscal year, the City is able to report positive balances, both for the City as a whole, as well as for its separate governmental and business-type activities. The same situation held true for the prior fiscal years.

3-Year Comparison - Net Position Summary - Enterprise Funds



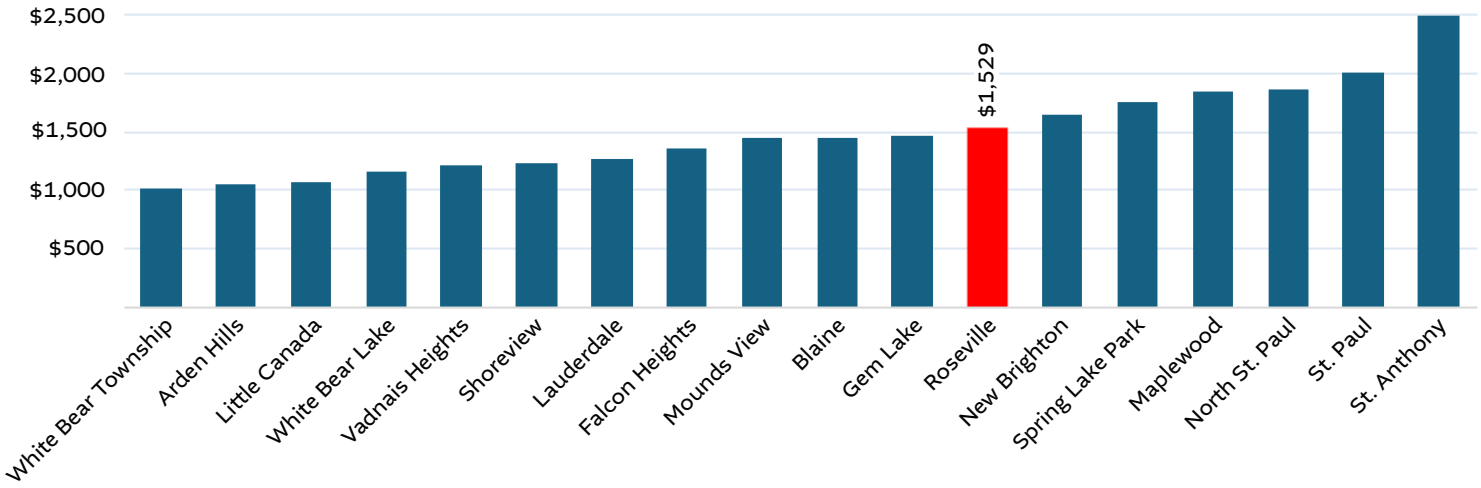


Property Taxes

When comparing to a median single-family home in Roseville valued at $378,600, the 2025 City property tax for a median single-family home is $1,528.63, an increase of $186.90, or 13.93%, when compared to 2024, assuming an increase of 5.05% in market home values between 2024 and 2025. For 2026, the City property tax increased 8.72% or $145.99 when compared to 2025, assuming a 5% increase in market home value between 2025 to 2026.

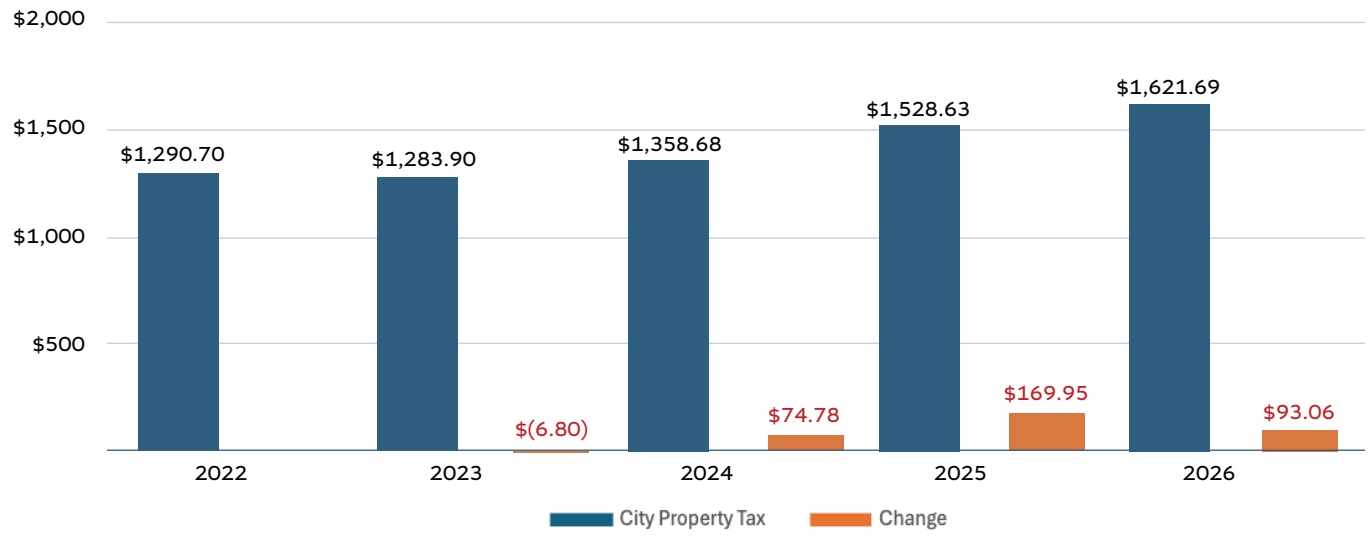


City Taxes on Median-Valued Home - $378,600



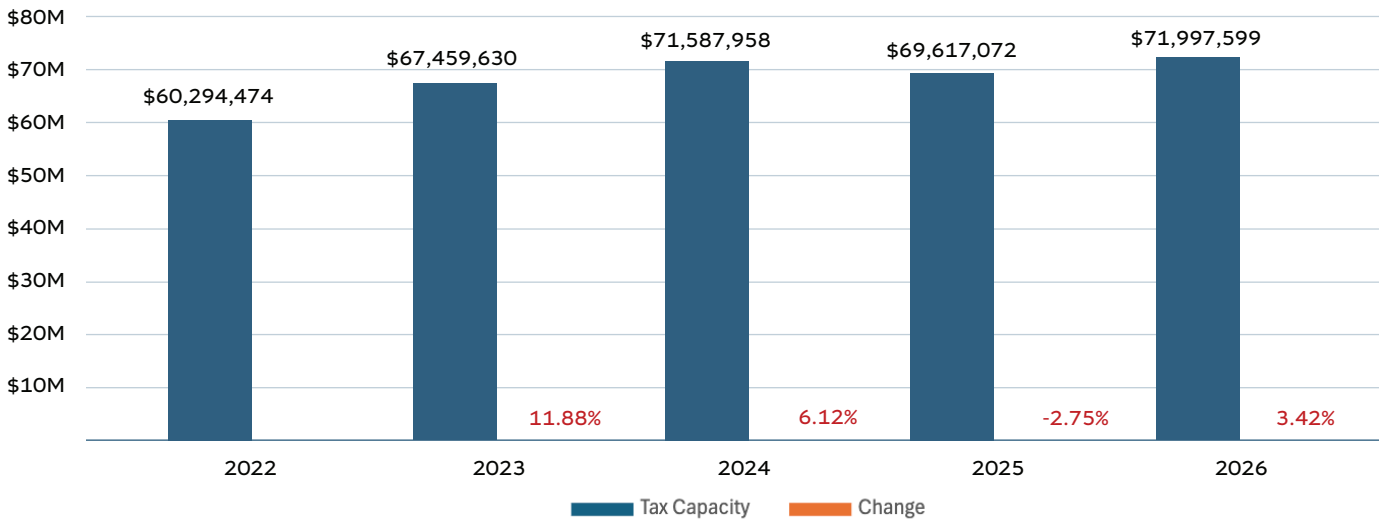
Five Year Property Tax Analysis

City Property Tax Changes - Last Five Years on a Median Single Family Home

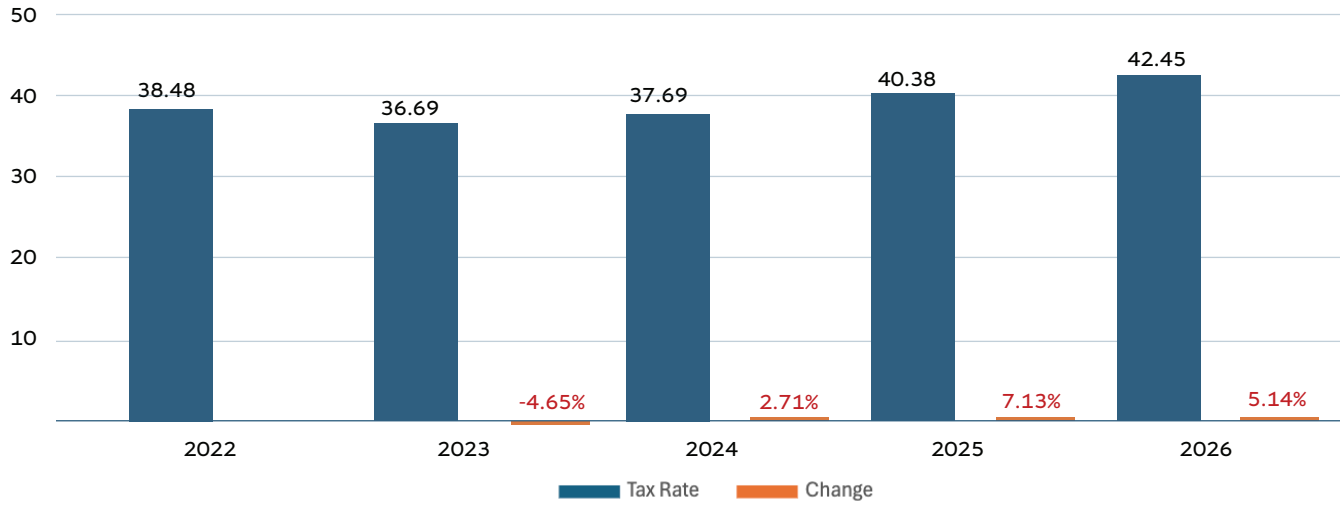


Five Year Property Tax Analysis continued

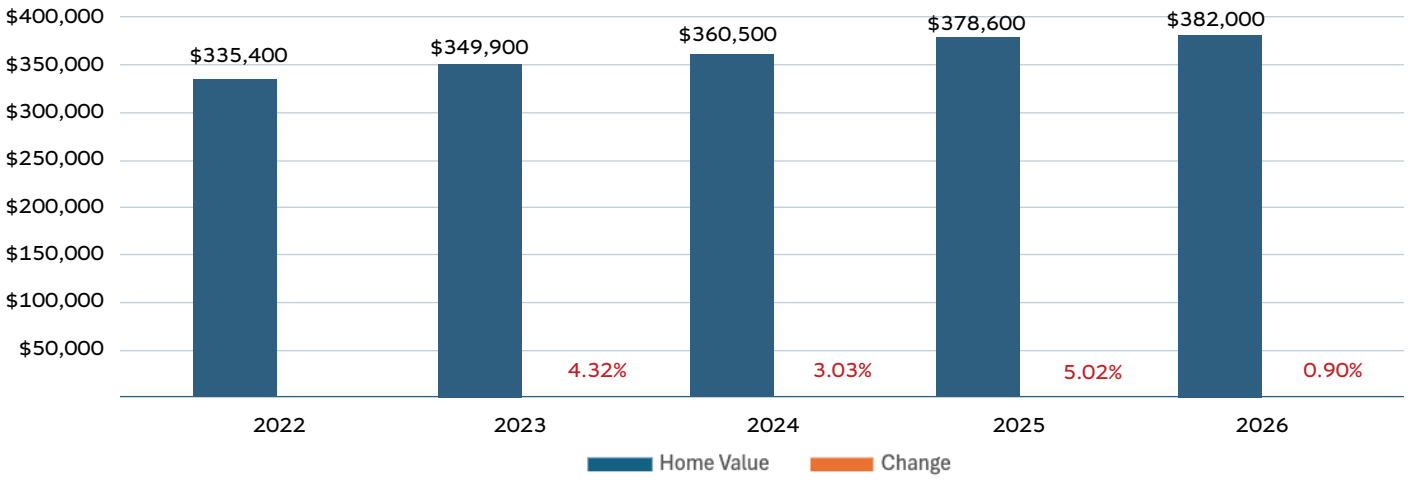
City Property Tax Capacity Change Last Five Years



City Property Tax Rate Change Last Five Years



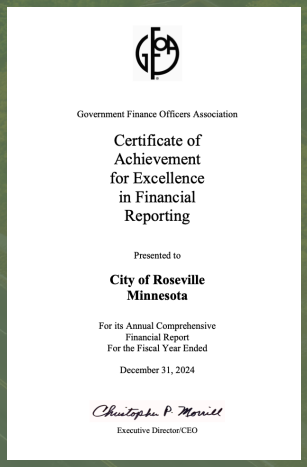
Median Single Family Home Valuation Change Last Five Years





The City of Roseville received the following award (valid for one year only) from the Government Finance Officers Association (GFOA):

- Certificate of Achievement for Excellence in Financial Reporting for the Annual Comprehensive Financial Report for the year ended Dec. 31, 2024
- Certificate of Achievement for Distinguished Budget Presentation for the Fiscal Year Beginning January 01, 2025



Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

City of Roseville Minnesota

For its Annual Comprehensive Financial Report For the Fiscal Year Ended

December 31, 2024

Executive Director/CEO



GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

City of Roseville Minnesota

For the Fiscal Year Beginning

January 01, 2025

Executive Director

About this report

The information in this report is from the City of Roseville's Annual Comprehensive Financial Report, which was prepared in accordance with Generally Accepted Accounting Principles and applicable legal requirements for the year ended Dec. 31, 2025. This report provides information to the public about City of Roseville services and costs to provide those services.

For a complete review of the city's financial position for 2025, consult the Annual Comprehensive Financial Report.

CityofRoseville.com/Finance

ROSEVILLE

Report Prepared by
Sam Magureanu, Finance Director and
City of Roseville Community Relations Department

City of Roseville
Popular Annual Financial Report (PAFR)



Attachment # 2

06/15/2026 Council Meeting

Purpose of the PAFR

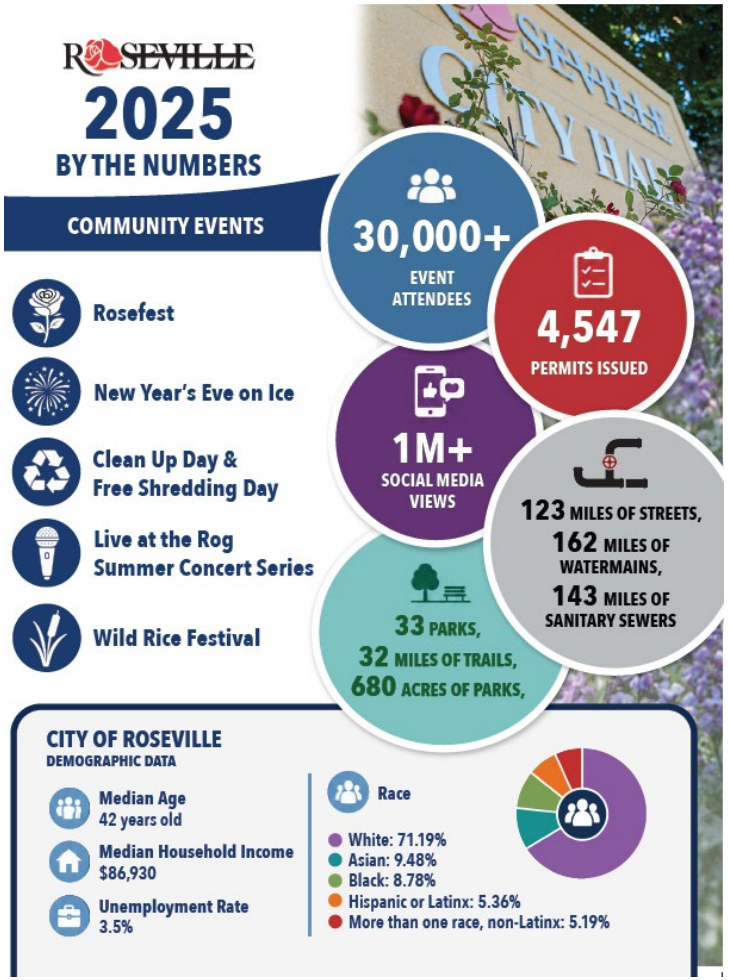
- Provide residents with an accessible summary of financial information
- Complement, not replace, the Annual Comprehensive Financial Report (ACFR)
- Enhance public transparency and engagement

Table of Contents

3 City Information
4 City Finances Introduction
5 Statement of Net Position
8 Governmental Revenues and Expenditures
9 General Fund Revenue
10 General Fund Expenditures
11 Recreation Fund Revenue and Expenditures
12 Community Development Fund Revenue and Expenditures
13 Financial Forecasting
14 Capital Project Funds
15 Debt Service Funds
16 Enterprise Funds
19 Net Position Enterprise Funds
20 Property Taxes

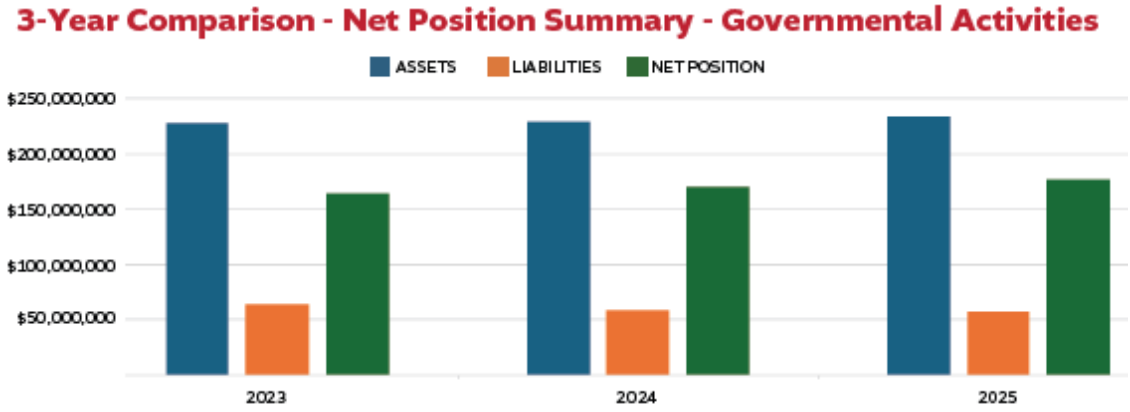
What is a PAFR?

- A simplified, user-friendly overview of key financial data
- Highlights major funds, services, and financial trends
- Designed for the general public



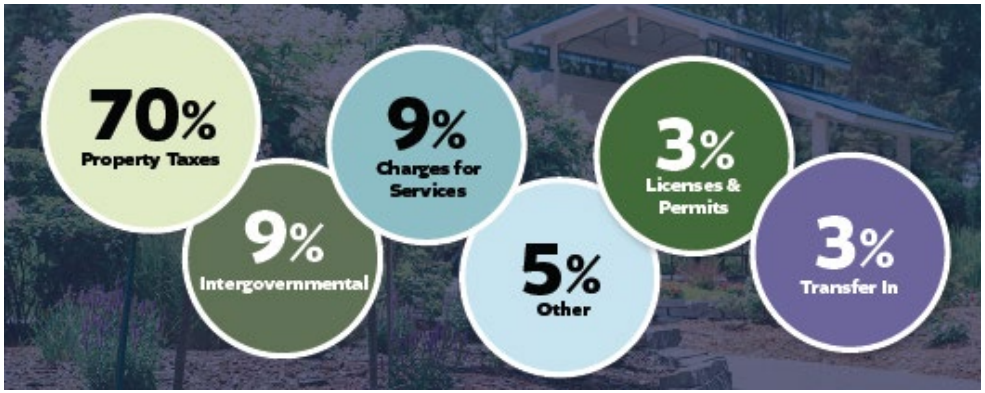
Highlights of the Report

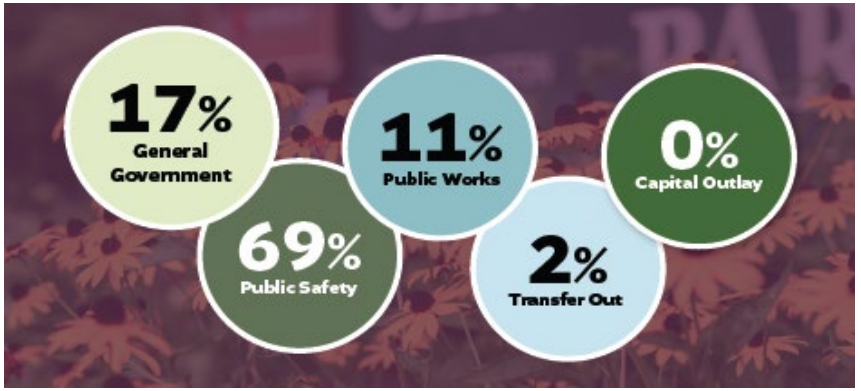
- Analysis of the City's Statement of Net Position
  - ✓ Assets
  - ✓ Liabilities
  - ✓ Net Position



Highlights of the Report

- Governmental Funds: Revenues and Expenditures





Highlights of the Report

- Individual Analysis of the Following City Funds:
  - ✓ General Fund
  - ✓ Recreation Fund
  - ✓ Community Development Fund
  - ✓ Capital Projects Funds
  - ✓ Debt Service Funds
  - ✓ Enterprise Funds



Benefits: Transparency & Engagement

- Strengthens public trust
- Supports clearer communication of financial decisions
- Makes government information easier to understand

Distribution Plans

- Available online on the City website
- Printed copies for community buildings and events
- Shared through City communication channels

Next Steps

- Gather feedback from Council and the community
- Refine layout and content for future editions
- Increase outreach and accessibility tools

Thank You

- Staff are available for questions
- We welcome suggestions to improve future PAFRs

ROSEVILLE

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.g.

Department Approval

City Manager Approval

Item Description: Autumn Grove Park Improvement Update, Request Feedback on Use of Park Dedication Funds for Additional Improvements

Background

Autumn Grove Park is one of the City's busiest neighborhood parks. Located at the intersection of Hamline Avenue and Lydia Avenue, it serves as a hub for a highly active neighborhood, is frequently utilized by students from the University of Northwestern, and hosts more youth programming than any other park in the City's system.

The park currently includes a park building, two tennis courts, basketball court, two softball fields, open green space that is frequently utilized for soccer and informal recreation, a seasonal ice rink, and a small pump track. The southern portion of the park was acquired in 2012 and remains largely undeveloped, aside from the pilot pump track installation and additional tree plantings completed in 2022.

The City maintains a systematic asset replacement program to ensure park facilities remain safe, functional, and attractive. When major amenities such as playgrounds are replaced, staff typically evaluates adjacent park amenities to identify opportunities to complete complementary improvements and ensure the park provides a cohesive and updated user experience.

Current Capital Improvement Program (CIP) Projects

The following projects are currently included within the City's adopted Capital Improvement Program:

Playground Replacement

The existing playground is approximately 21 years old and has one of the lowest condition ratings in the City's park system. As a result, $225,000 was included in the Capital Improvement Program for its replacement.

A purchase order was issued to Flagship Recreation on March 3, 2026 for the installation of a new playground at a cost of $225,000.

Tennis Court Improvements

The tennis courts remain structurally sound but are showing significant surface wear and require crack repair, resurfacing, and color coating. Because the courts remain in relatively good structural condition, the anticipated budget was reduced from the typical replacement allocation of approximately $50,000 to $20,000.

On May 19, 2026, a purchase order was issued to Court Surface and Repair, Inc for tennis court resurfacing services in the amount of $20,000.

Site Amenities

Many existing site furnishings, including picnic tables and benches, have reached the end of their useful life and are showing significant deterioration. Accordingly, $20,000 has been allocated for replacement of aging site amenities throughout the park system. Staff plans to use $15,000 in Autumn Grove Park.

Hamline Trail Project

A new trail segment along the east side of the park is anticipated to be constructed as part of the Hamline Avenue Trail Project in the coming year, further improving pedestrian connectivity and access to the park.

Community Engagement and Concept Development

The City's 2010 Parks Master Plan included a concept plan for Autumn Grove Park (Attachment 2) that envisioned relocating the playground adjacent to the park building. While the building was constructed in 2014-15, budget limitations prevented relocation of the playground at that time. The concept anticipated that the playground would be relocated when replacement became necessary.

To confirm that the concept remained aligned with community priorities, staff conducted a neighborhood engagement process prior to finalizing playground design plans. While staff communicated that the primary project scope focused on planned and budgeted improvements to the north side of the park, residents were invited to provide broader feedback regarding the future of the entire park.

Key themes that emerged from the engagement process included (full minute, Attachment 5):

- Strong support for relocating the playground closer to the park building to improve convenience, visibility, and safety.
- Preservation of the seasonal ice rink.
- Additional walking paths and improved internal connectivity.
- Increased seating and gathering amenities.
- Preservation of open green space and avoidance of over-programming.
- Additional native and pollinator plantings.
- Support for retaining the existing pump track, with some interest in future expansion.

Residents also provided feedback regarding preferred playground equipment and play features.

Based on this feedback, staff developed two conceptual alternatives:

1. Replacement of the playground in its existing location but adding fencing to improve safety.
2. Relocation of the playground adjacent to the park building, requiring removal of the southern softball field.

Both concepts were presented to the Parks and Recreation Commission and at a second neighborhood meeting. In both forums, the concept that relocated the playground adjacent to the park building received substantially stronger support.

Based on this feedback, staff developed the concept plan shown in Attachment 3.

Proposed Improvements

In addition to the projects already funded through the Capital Improvement Program and the future Hamline Trail Project, staff recommends consideration of several additional improvements identified through the engagement process using a combination of Park Dedication Funds and possible future donations.

Ballfield Reconfiguration ($15,000)

Relocating the playground adjacent to the building will require removal of the southern softball field as the playground placement would be within that field's reasonable hitting zone. Loss of this field will impact bat and ball-based programs that are hosted in the park, but staff and residents engaged in the process felt that the benefits of moving the playground outweigh the loss of the ballfield. To mitigate some of the impact of this loss, the northern field would remain and receive modest improvements to improve usability.

To limit the expense, staff plan to reprioritize work and complete the labor using our full-time maintenance staff.

Pollinator Garden ($6,000)

The former playground site could be converted into a pollinator and native planting area, expanding ecological benefits while reducing long-term maintenance needs.

Staff intends to pursue grant funding and volunteer assistance to offset implementation costs.

Josephine to North Parking Lot Connection ($35,000)

Residents expressed a desire for improved pedestrian connectivity throughout the park, and the ability to “walk a loop” within the park. This idea is also reflected in the 2010 concept.

A new pathway connection from Josephine Avenue to the north parking lot would provide improved circulation and accessibility, although not fully complete the loop.

GaGa Ball Pit ($2,500)

A GaGa Ball Pit would provide a flexible youth recreation amenity and help offset the recreational space lost through removal of the southern ballfield.

North Parking Lot Improvements ($125,000)

The existing north parking lot is approaching the end of its useful life and will eventually require drainage improvements and resurfacing. In the past, staff had been evaluating whether to abandon that lot. However, current usage trends and resident feedback show a lack of parking in the park on most evenings. Additionally, movement of some programs to the north field will likely increase a desire to access the park from the north side.

Because of available funding limitations, staff recommends this project be considered as a future capital improvement project.

Additional Amenities and Shade ($87,000)

Community feedback also identified opportunities for additional seating, shade structures, gathering spaces, and other park amenities. This will be even more in demand when the parking lot moves closer to the building.

Staff recommends installation of a larger patio pad as part of this project, while pursuing shade, additional playground, poured in place, and other amenities like benches, tables, and chairs through donations, sponsorships, and future fundraising opportunities.

Policy Objectives

This project supports multiple objectives identified in the City's Strategic Plan, Parks Master Plan, and Capital Improvement Program, including:

- Maintaining and replacing aging park infrastructure.
- Providing safe, accessible, and high-quality recreational amenities.
- Enhancing neighborhood parks and community gathering spaces.
- Improving pedestrian connectivity and accessibility.
- Expanding environmental sustainability through native landscaping and pollinator habitat.
- Responsibly investing in public assets to maximize long-term value and service life.

Equity Impact Summary

Autumn Grove Park serves a diverse population of residents, students, youth program participants, and visitors from throughout the community. Relocating the playground adjacent to the park building improves visibility, passive supervision, and access to restrooms and other park amenities, benefiting families with young children and caregivers.

The proposed trail connections and future Hamline Trail improvements will improve accessibility and connectivity for users arriving on foot, bicycle, or mobility devices.

The project also preserves significant open green space while expanding recreational opportunities and environmental amenities, helping ensure the park continues to serve a broad range of user groups and recreational interests.

Budget Implications

A total project budget is included (Attachment 4). The total cost of the above upgrades is estimated at $636,600. $265,000 has already been encumbered utilizing budgeted CIP dollars, leaving a total of $371,600 of additional funding needed to complete all of the identified projects. Funding sources could include the Park Dedication Fund, future donations, and deferral until future funds become available.

The Park Dedication Fund currently has an estimated balance of $1,500,000 not committed to other projects. The Park Dedication Funds must be used for land acquisition, or capital improvements that improve a park and/or create greater access.

Staff Recommendations

The project includes $265,000 in already allocated and awarded CIP projects.

Staff recommends the implementation of ballfield adjustments, pollinator garden, and the north pathway with this project at an estimated total of $97,200 in Park Dedication Funds.

Staff recommends deferring the north parking lot repairs to a future date when a combination of Parking Lot and Parks and Recreation CIP dollars can be utilized.

Staff recommends seeking donations for the GaGa ball pit, additional amenities, improved patio seating, and improved playground surfacing and shade.

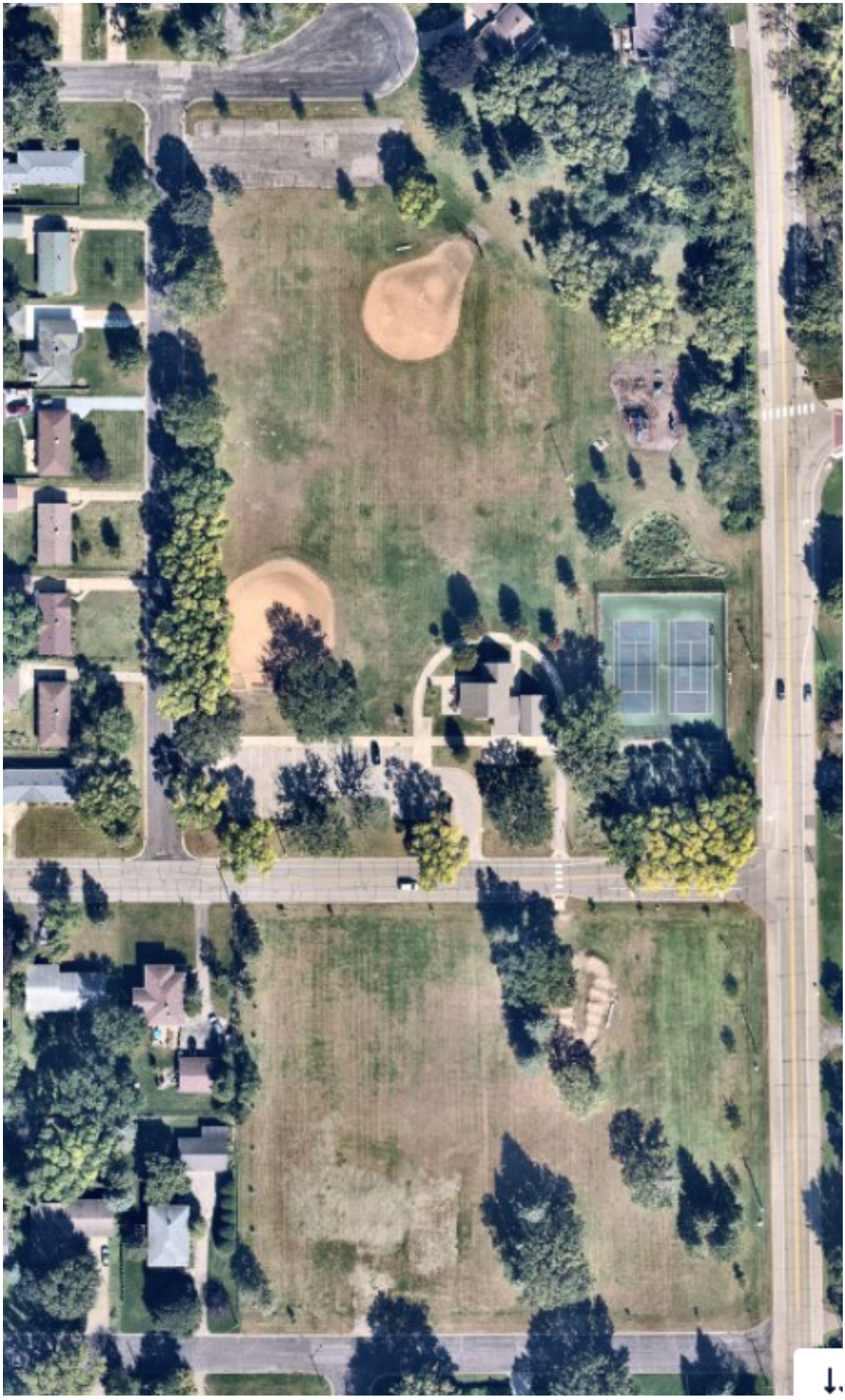
Requested Council Action

A motion authorizing staff to proceed as recommended above, including the use of $97,200 in Park Dedication Funds for implementation.

Prepared by: Matthew L. Johnson, Parks and Recreation Director

Attachments:

1. Current Autumn Grove Park Layout
2. 2010 Draft Concept Plans
3. Autumn Grove Concept June 2026
4. Proposed Project Budget and Funding Sources
5. Neighborhood Meeting Minutes
6. Presentation (Autumn Grove)



Autumn Grove Park: Current Layout

1. potential expansion to Mounds View Schools parcel
2. “sports of all sorts” concept with fields oriented to youth sports programs
3. active court games along Hamline Avenue (lighted)
4. shelter with meeting room centrally located in park with a central walkway connecting north to south between parks
5. parking located on-street along Lydia Avenue in parking bays and in a parking lot at the south end of the existing park
6. street narrowed to allow crosswalk at Lydia Avenue
7. Josephine Road crosswalk re-oriented to access park directly
8. volleyball, pickleball, bocce, and other games added to south park
9. parking area at north end restored as a “wild place”



Community Focus for Autumn Grove Park (sports of all sorts)

DRAFT

2 June 2010

NORTH

0 50 100 200 Feet

1. open field area accommodates a ball field or soccer field (or several youth soccer fields)
2. parking at north end is eliminated in favor of street parking
3. wild place and picnic area forms the north edge of the park
4. shelter, splash pad, and play structure aggregated at south end near Lydia Avenue
5. Josephine Road crosswalk re-oriented to access park directly
6. active court games along Hamline Avenue (lighted)



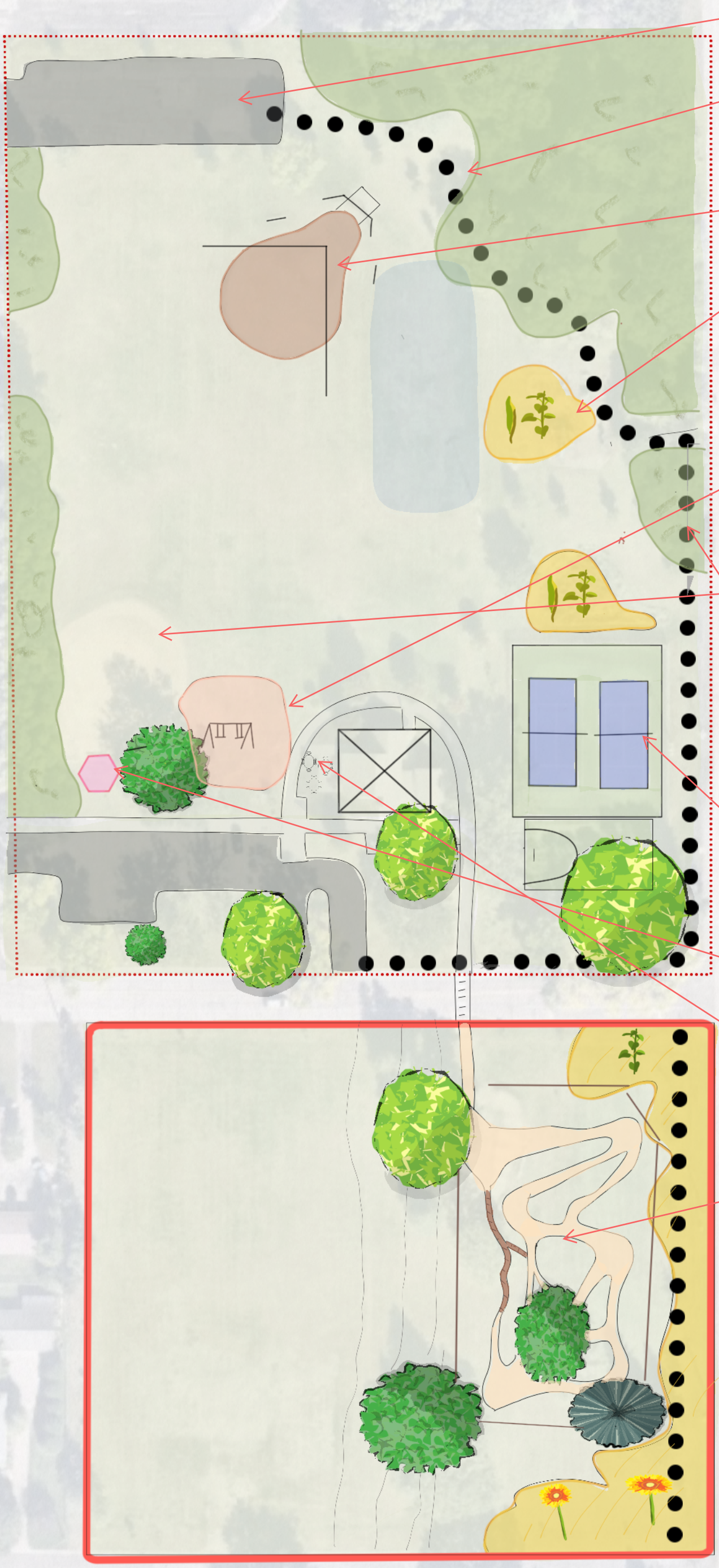
Neighborhood Concept for Autumn Grove Park

DRAFT

2 June 2010

NORTH

0 50 100 200 Feet



Autumn Grove Park: Concept June 2026

ROSEVILLE
Parks & Recreation Department

N

Autumn Grove Park Improvement Preliminary Budget & Funding Source

		Proposed Funding Source			
Item	**Estimate**	**CIP**	**Park Dedication**	**Future Donations**	**Future Project**
Playground	$225,000	$225,000			
Courts	$20,000	$20,000			
Amenities	$15,000	$20,000			
Ballfield (removal and improvements)	$15,000		$15,000		
Installation of Polinator/Wildflower Garden	$6,000		$6,000		
Josephine to North Parking Lot Pathway	$35,000		$35,000		
Increased Patio Size	$25,000		$25,000		
Increase shade/poured in place	$50,000			$50,000	
North Parking Lot Drainage and Repave	$125,000				$125,000
GaGa Ball Pit	$2,500			$2,500	
New Amenities	$12,000			$12,000	
TOTAL (Hard Cost)	**$530,500**	**$265,000**	**$81,000**	**$64,500**	**$125,000**
CONTINGENCY (20%)	$106,100.0		$16,200.0		
TOTAL	**$636,600**		**$97,200**	**$64,500**	**$125,000**

***does not include pathway improvements**

Autumn Grove Playground Engagement Meeting
January 21, 2026

- Staff presented a project overview, defining the scope of this project as the playground replacement, but wanting to ensure that the project is "future facing."
- Staff showed the "old" master plan, and there was broad consensus that it doesn't meet the current neighborhood needs.
- Staff conducted a park planning activity. Some broad things that emerged were:
    - Keep pump track
    - Keep rink
    - Preserve open space
    - More shade / trees
    - More seating
    - Native plants -> peace and quiet
    - Accessibility
    - Noise concerns
    - Avoid overdevelopment/over-programming
    - Walking paths (a loop preferred)
    - Some concern about splash pads/dog parks. However, some explicit support for a dog park
    - People are concerned about the oak trees and want to see them prioritized

- Some BIGGER general ideas that were shared:
    - Expansion of the pump track and possibly creating a bike park received broad support
    - Tree preservation was very important
    - Do not put specialized athletic fields on the south parcel.
    - Find a way to incorporate nature, native plants, etc…
    - Some feeling that some space shall be left mowed, but flexible for informal use like ultimate frisbee.

- Staff asked about the playground location, as it was at one point intended to move.
    - There was broad consensus that it should be moved due to safety concerns (related to Hamline).
    - Some neighbors mention that they rent other park buildings in the City because the AG playground is too spread out from the building.

- Consultant showed two playgrounds

Autumn Grove Playground Engagement Meeting
January 21, 2026

- There was broad consensus that playground concept #2 was generally preferred.
- A broad desire to not duplicate other playgrounds
- Some questions about zip lines
    - Staff mentioned that they take up a lot of room, and a lot of budget.
    - There is also concern as they do exist elsewhere it the city.

Autumn Grove Park Improvement Update, Request Feedback on Use of Park Dedication Funds for Additional Improvements

June 15, 2026

Autumn Grove Park (Hamline and Lydia)

Park Overview

- Extremely Heavily Used
  - Youth Programs
  - Engaged/Youthful Neighborhood
  - UNW Students
- Concerns about the site being “overprogrammed”
- Turf Issues in Dry Summer
- Popular Lighted Courts
- South Parcel – Largely Undeveloped

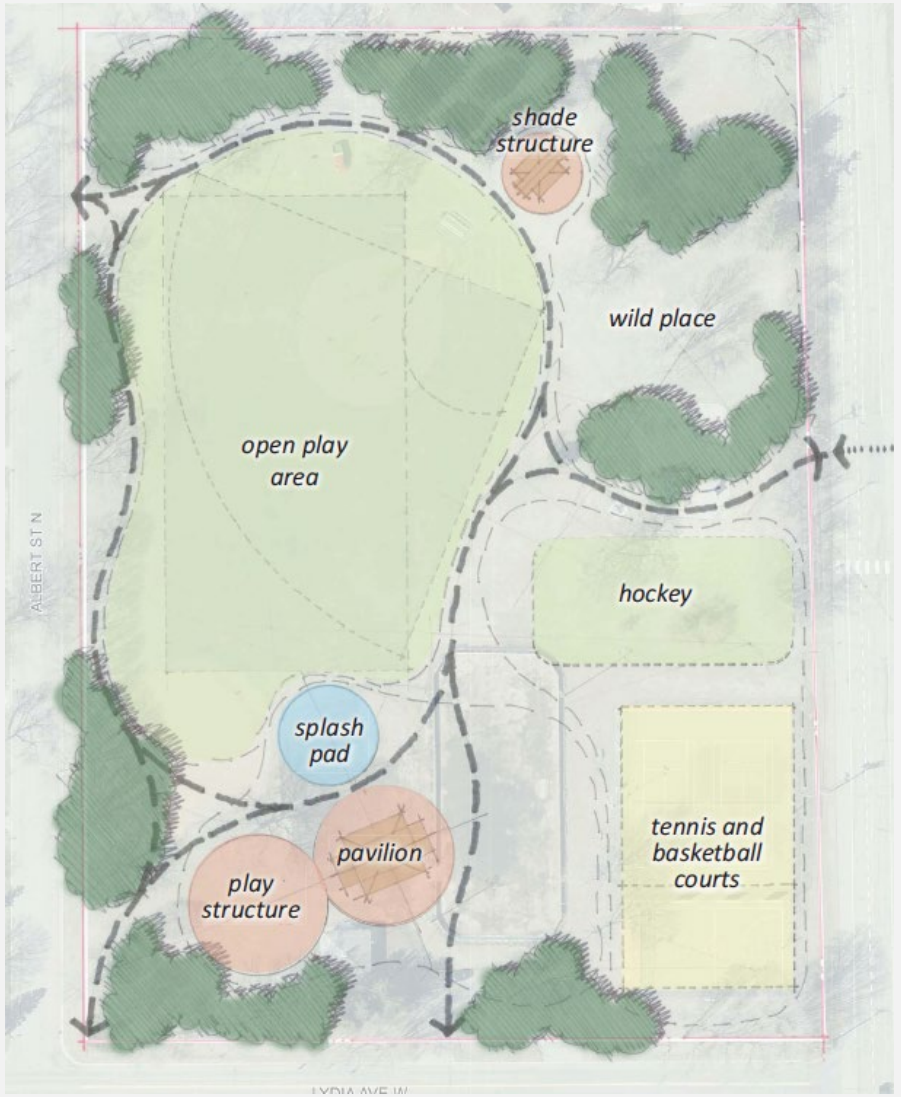
2026 Planned Capital (PIP) Updates

- Playground Replacement
- Tennis Court Updates
- Amenity Upgrades
- Pathway Along Hamline Ave

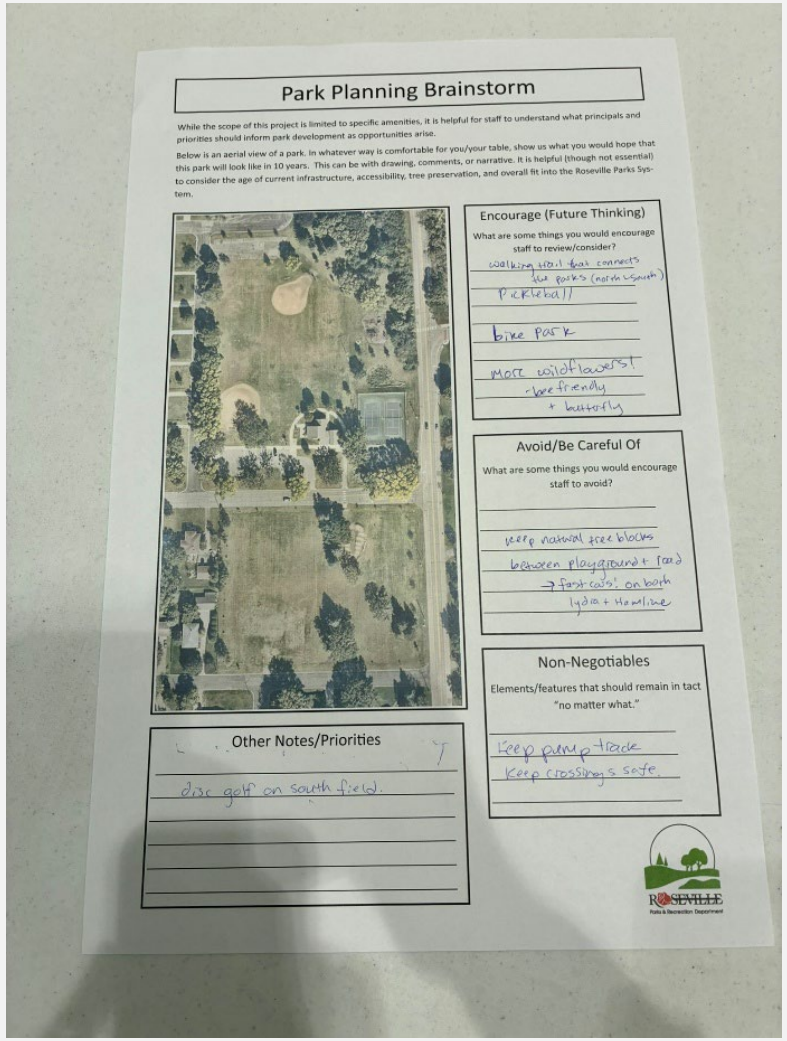


2010 Concept Plans





Neighborhood Engagement Strategy



Park Planning Brainstorm

While the scope of this project is limited to specific amenities, it is helpful for staff to understand what principals and priorities should inform park development as opportunities arise.

Below is an aerial view of a park. In whatever way is comfortable for you/your table, show us what you would hope that this park will look like in 10 years. This can be with drawing, comments, or narrative. It is helpful (though not essential) to consider the age of current infrastructure, accessibility, tree preservation, and overall fit into the Roseville Parks System.

Encourage (Future Thinking)

What are some things you would encourage staff to review/consider?

walking trail that connects the parks (north + south)
Pickleball
bike park
more wildflowers!
-bee friendly
+ butterfly

Avoid/Be Careful Of

What are some things you would encourage staff to avoid?

keep natural tree blocks
between playground + road
→ fast cars! on both
Lydia + Hamline

Non-Negotiables

Elements/features that should remain in tact "no matter what."

Keep pump track
Keep crossings safe

Other Notes/Priorities

disc golf on south field.

ROSEVILLE Parks & Recreation Department



Neighborhood Engagement Themes

Playground & Site Use

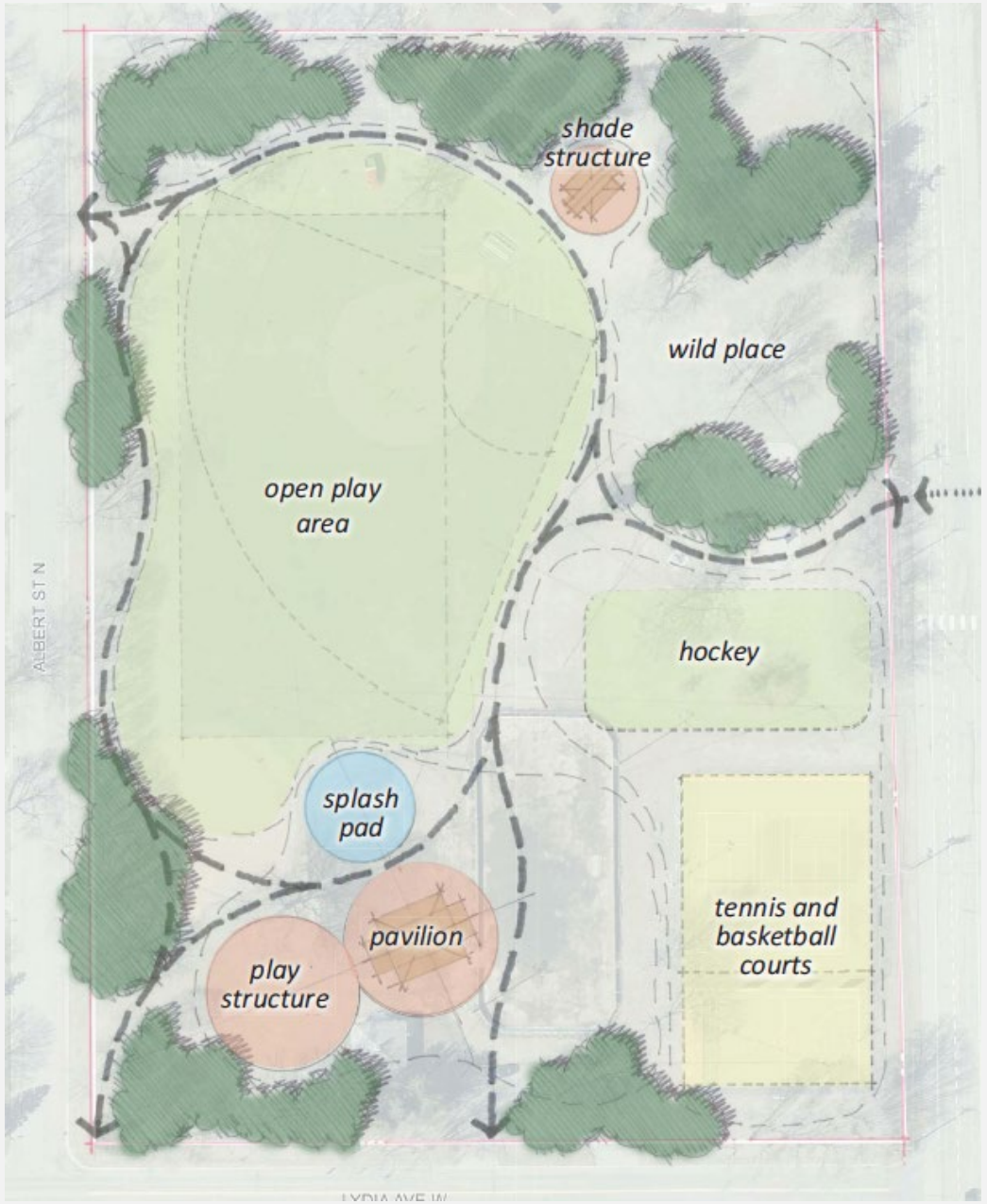
- Strong support for playground relocation
- Preservation of Ice Rink
- Additional walking paths/loop trail
- Increased seating & gathering amenities
- Preserve green space
- Additional wild/native plantings
- Support for existing pump track
- Desire not to over-program



Neighborhood Engagement Themes Compared to 2010 Concept

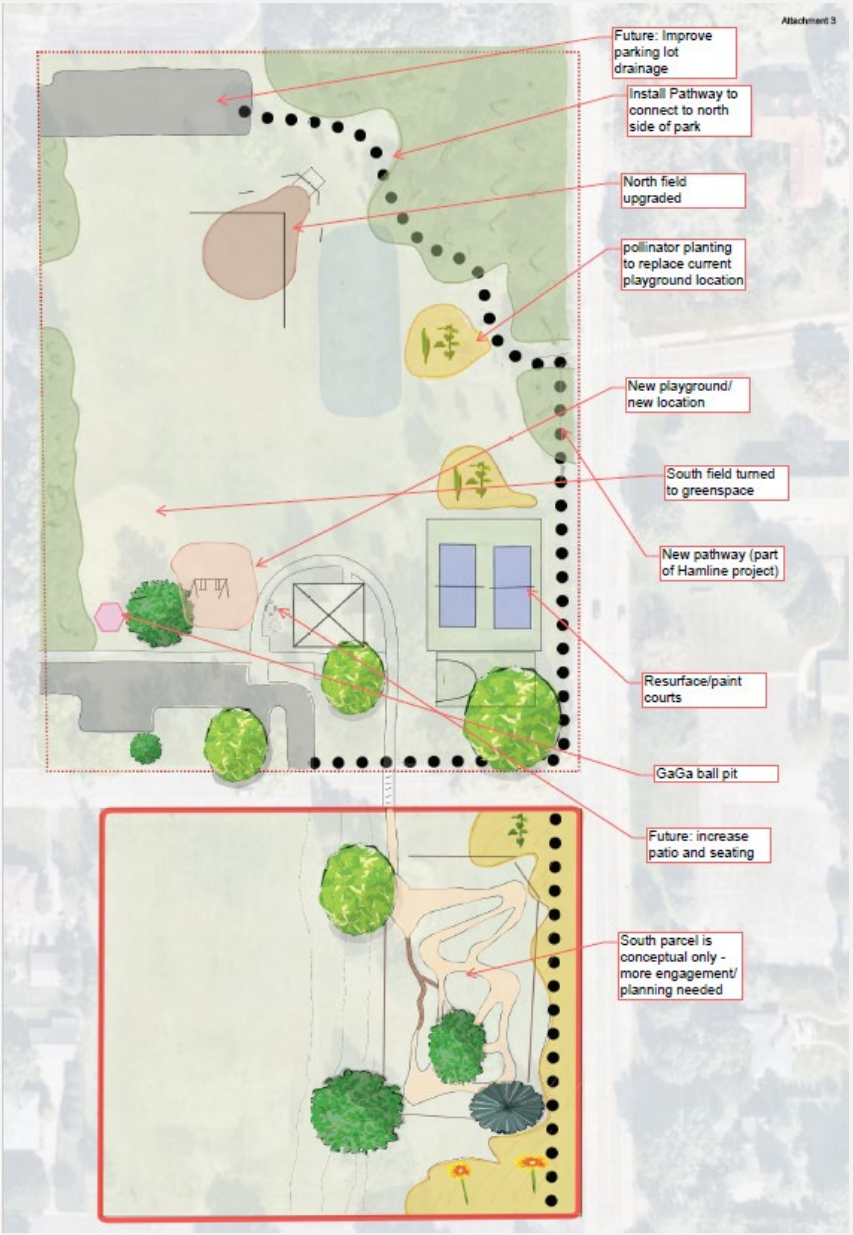
Playground & Site Use

- Strong support for playground relocation
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- Additional walking paths/loop trail
- Increased seating & gathering amenities
- Preserve green space
- Additional wild/native plantings
- Support for existing pump track
- Desire not to over-program

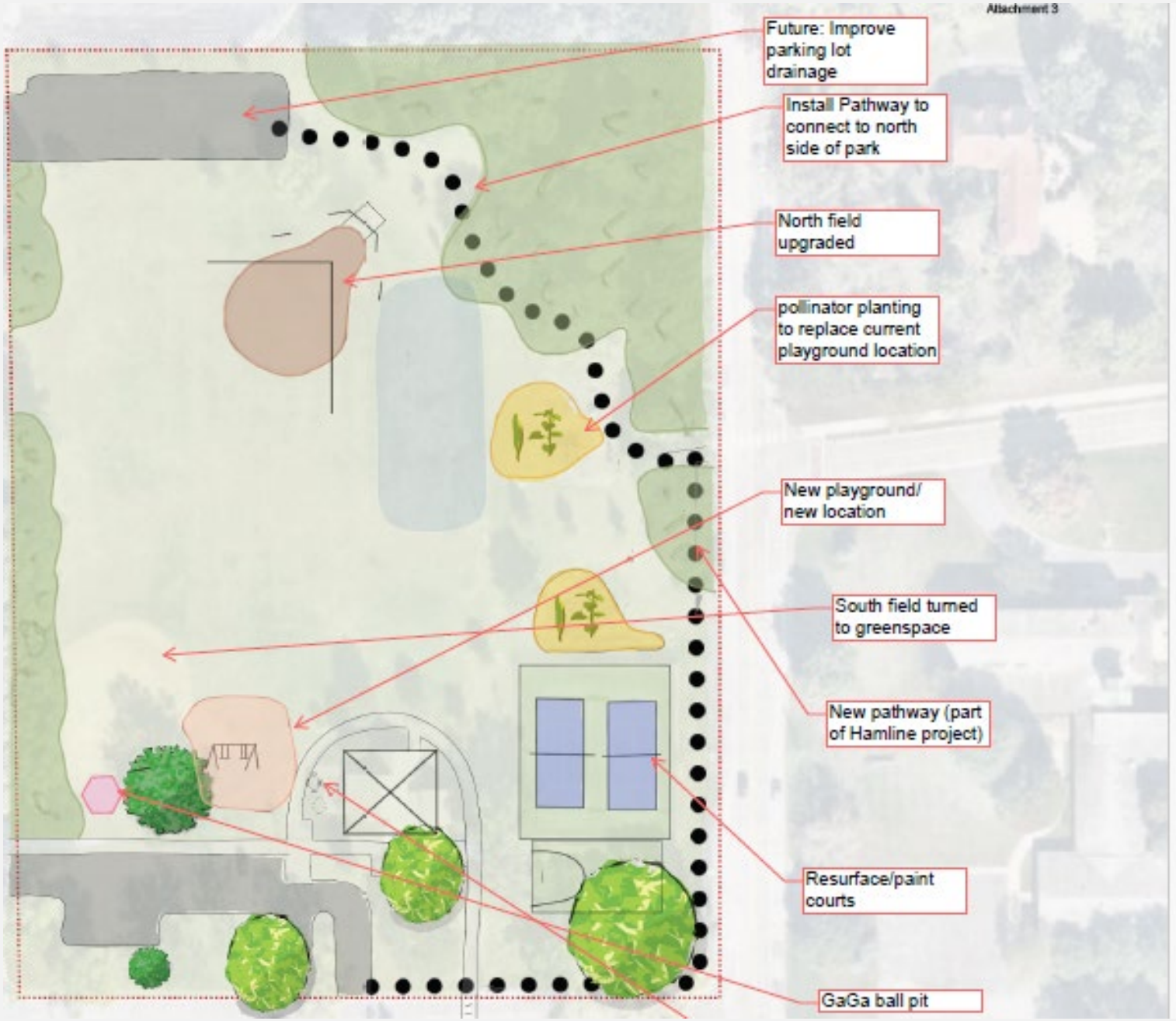


Updated Concept – June 2026





Updated Concept (North Side)



Proposed Budget and Sequencing

Autumn Grove Park Improvement Preliminary Budget & Funding Source

		Proposed Funding Source			
Item	Estimate	CIP	Park Dedication	Future Donations	Future Project
Playground	$225,000	$225,000			
Courts	$20,000	$20,000			
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New Amenities	$12,000			$12,000	
TOTAL (Hard Cost)	**$530,500**	**$265,000**	**$81,000**	**$64,500**	**$125,000**
CONTINGENCY (20%)	$106,100.0		$16,200.0		
TOTAL	**$636,600**		**$97,200**	**$64,500**	**$125,000**

***does not include pathway improvements**

Requested Council Action

- Feedback on Proposed Project Plan & Funding Strategy

- If Appropriate, Motion Approving Use of Park Dedication Funds as Outlined in the Proposed Budget

Q & A

Questions?

THANK YOU

ROSEVILLE

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 7.h.

Department Approval

City Manager Approval

Item Description: Approve Utility Rate Adjustments

Background

Residential and commercial utility base rates are determined by meter size. For most residential properties, the meter size is 5/8". Typically, the meter size equates to overall water usage, so as the size goes up the rate increases exponentially. In some cases, the plumbing code requires residential properties install a larger water service line and a larger water meter due to fixture count. This happens with some single-family homes and duplexes. Although they have a larger meter, most of these services do not significantly use more water based on their meter size like commercial properties do.

We have heard some complaints from a few residents that the base rate portion of their water bill is disproportionate to the amount of water they use. To provide some relief to these larger residential metered properties, staff proposes to make a new non-standard service fee for residential properties to make the base fee more equivalent to the usage. This would apply to single family residential or duplex properties who have meters greater than 5/8". The rate would be capped at two times the 5/8" rate. The City proposes this rate since many of the properties affected are duplexes which, if they had their own individual water line, would be paying two standard service fees. This would only affect 30 residential properties. This would save each of these 30 properties around $94.20 annually. For the City, this would be about $3,300 less revenue annually in water base charges.

Below are the current residential water meter base charges based on meter size:

Number of Properties	Meter Size	Base Charge
9,743	5/8"	$47.13
30	1"	$117.81 – 2.5x cost of 5/8" meter
18	1.5"	$235.61 – 5x cost of 5/8" meter

Staff proposes to amend the utility rate schedule by adding the non-standard service fee as shown in the blue column. This would apply to single family residential or duplexes whose meters are greater than 5/8". The rate would be two times the standard service fee:

Service	Standard Service Fee*	Non-standard Service Fee*#	Consumption Fee*** 1-15,000 Gallons	Consumption Fee*** 15,001-30,000 Gallons	Consumption Fee*** Over 30,000**
Water	$47.13	$94.26	$4.34	$5.42	$6.79
Sewer	$44.86	$44.86	$2.81	$2.81	$2.81
Storm Drainage	$26.22	$26.22	N/A		
Recycling	$15.39	$15.39	N/A		
State Assessment	$2.43	$2.43	N/A		

*per quarter standard service charge

#single family residential or duplexes whose meters that are greater than 5/8", the water rate is 2x Standard Service Fee.

Policy Objectives

An annual review and approval of the City's utility rate structure is consistent with governmental best practices to ensure that each utility operation is financially sound.

Equity Impact Summary

Utility rates can have significant equity implications by disproportionately impacting lower-income households, who tend to spend a higher percentage of their income on essential services. To promote equity, the City offers a Utility Discount Program for eligible low-income single-family homeowners to mitigate financial burdens and prevent delinquencies. Additionally, the Minnesota Water Assistance Program provides further relief by covering outstanding and current water and wastewater charges for eligible households. The City's utility rate structure also aligns with equity principles by charging higher rates to high water users and larger properties, such as commercial businesses, to reflect their greater impact on infrastructure and the environment. This tiered approach ensures that essential services remain affordable for lower-use residential customers. The City does not disconnect water services for non-payment, with delinquent amounts being posted to property taxes quarterly, further minimizing disruptions for residents facing financial difficulties.

Budget Implications

For the City, this change to the utility rate schedule would be about $3,300 less revenue annually in water base charges. This would save each of the current 30 properties affected about $94.20 annually.

Staff Recommendations

Staff recommends the Council approve a resolution approving adjustment to utility rates.

Requested Council Action

Motion to approve resolution approving adjustment to utility rates.

Prepared by: Jesse Freihammer, Public Works Director

Attachments: 1. Resolution

EXTRACT OF MINUTES OF MEETING OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE

* * * * * * * * * * * *

Pursuant to due call and notice thereof, a regular meeting of the City Council of the City of Roseville, County of Ramsey, Minnesota was duly held on the 15th day of June, 2026 at 6:00 p.m.

The following members were present: and , and the following were absent:

Member introduced the following resolution and moved its adoption:

RESOLUTION

RESOLUTION AMENDING THE 2026 UTILITY RATES

WHEREAS, the City of Roseville proposes to amend the utility rate schedule to provide some relief to larger residential metered properties whose charges are disproportionate to the amount of water they use; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville, Minnesota, the water rates be amended by adding the following water base rate to the 2026 Utility Rates as follows:

2026 Utility Rates

Water Base Rate Category	2026 Rates	Comments
Single-Family Residential - Non-Standard	$ 94.26	Rate for single family residential or duplexes whose meters are greater than 5/8" is 2x Standard Service Fee.

The motion for the adoption of the foregoing resolution was duly seconded by member and upon a vote being taken thereon, the following voted in favor thereof: and , and the following voted against the same:

WHEREUPON, said resolution was declared duly passed and adopted.

STATE OF MINNESOTA)
) ss
COUNTY OF RAMSEY)

I, the undersigned, being the duly qualified City Manager of the City of Roseville, County of Ramsey, State of Minnesota, do hereby certify that I have carefully compared the attached and foregoing extract of minutes of a regular meeting of said City Council held on the 15th day of June, 2026, with the original thereof on file in my office.

WITNESS MY HAND officially as such Manager this 15th day of June, 2026.

_____
Patrick Trudgeon, City Manager

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 10.a.

Department Approval

City Manager Approval

Item Description: Approval of Payments

Background

State Statute requires the City Council to approve all payment of claims. The following summary of claims has been submitted to the City for payment.

Check Series #	Amount
ACH Payments	$73,167.33
11803-115855	$212,36.61
Total	$285,473.94

A detailed report of the claims is attached. City staff has reviewed the claims and considers them to be appropriate for the goods and services received.

Policy Objectives

Under MN State Statute, all claims are required to be paid within 35 days of receipt.

Equity Impact Summary

Local governments play an important role in building racially equitable and inclusive regional economies. Payments to vendors contribute to the local economy by supporting businesses within the community, including those owned by people of color. Ensuring equitable distribution of contracts and payments among vendors, particularly minority-owned businesses, can help promote economic equity. This supports the broader goals of reducing racial economic disparities as well as Roseville's aspiration to have a community that is economically prosperous with a stable and broad tax base and vibrant small businesses.

Budget Implications

All expenditures listed above have been funded by the current budget, from donated monies, or from cash reserves.

Staff Recommendations

Staff recommends approval of all payment of claims.

Requested Council Action

Motion to approve the payment of claims as submitted.

Prepared by: Ebonie Cannady-Accounting Technican II

Attachments: 1. Checks for Approval

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
Fund: 100 General Fund					
Department: 02-00 ADMINISTRATION					
100-02-00-439000	CONTRACT MAINTENANCE	Alerus Financial NA	COBRA FEB 26 SERVICE FEE PAID MAY 26	171.00	115841
100-02-00-441100	Tuition Reimbursement	Emily Thorson	TUITION REIMBURSEMENT	1,211.36	7321
100-02-00-441100	Tuition Reimbursement	Ryan Duxbury	TUITION REIMBURSEMENT	1,400.00	7322
			Total Department 02-00 ADMINISTRATION	2,782.36	
Department: 10-00 POLICE DEPARTMENT					
100-10-00-431000	Telephone	Verizon	CELL CHARGES - APRIL	4,273.91	115834
			Total Department 10-00 POLICE DEPARTMENT	4,273.91	
Department: 13-00 FIRE DEPARTMENT					
100-13-00-422000	Clothing	Aspen Mills Inc.	ROUSSO	328.63	115804
100-13-00-422000	Clothing	Aspen Mills Inc.	ROUSSO BOOT	129.95	115804
100-13-00-422000	Clothing	Aspen Mills Inc.	THORNBERG	151.65	115804
100-13-00-422000	Clothing	Aspen Mills Inc.	THORNBERG	20.00	115804
100-13-00-422000	Clothing	Aspen Mills Inc.	RICKMAN	48.00	115804
100-13-00-423000	Vehicle Supplies & Mainten	McKesson Medical-Surgical	EMS SUPPLIES	51.88	115812
100-13-00-430000	Professional Services	Masa Consulting, Inc.	MENTAL HEALTH	3,360.00	7317
100-13-00-437000	Contract Maint. - Vehicles	Circle K Stores Inc.	CAR WASHES	123.50	115839
100-13-00-437000	Contract Maint. - Vehicles	Ramsey County	APRIL FLEET SUPPORT	318.24	115819
100-13-00-437000	Contract Maint. - Vehicles	Ramsey County	FIELDS OP	10.00	115819
100-13-00-437000	Contract Maint. - Vehicles	WHELEN ENGINEERING COMPANY	ANNUAL CLOUD SUBSCRIPTION	2,520.00	115844
100-13-00-439000	CONTRACT MAINTENANCE	ENVIRONMENT CONTROL OF WIS	JANITORIAL - JUNE	751.00	115847
100-13-00-439000	CONTRACT MAINTENANCE	Yale Mechanical	HVAC MAINT	2,637.08	7314
100-13-00-441000	Training	Roseville Area Schools Com	LIFEGUARD FOR WATER RESCUE TRAINING	90.00	115817
			Total Department 13-00 FIRE DEPARTMENT	10,539.93	
Department: 13-13 FIRE DEPARTMENT ADMINISTRATION					
100-13-13-436000-FD2660	Utilities	Anchor Solar Investments,	SOLAR - FIRE	418.08	115833
			Total Department 13-13 FIRE DEPARTMENT ADMINISTRATION	418.08	
Department: 20-20 PUBLIC WORKS ADMINISTRATION					
100-20-20-443600	Software Operating Charges	RTVision, Inc.	ONEOFFICE ANNUAL MAINTENENCE	4,326.00	115824
			Total Department 20-20 PUBLIC WORKS ADMINISTRATION	4,326.00	
Department: 20-21 STREET DEPARTMENT					
100-20-21-424000	Operating Supplies	Core & Main LP	KERF CUTTER VB REPAIR TOOL WITH ACCE	1,600.00	115831
100-20-21-424000	Operating Supplies	Precise MRM, LLC	10 MB FLAT DATA PLAN US WITH NAF	736.00	7319
100-20-21-424000	Operating Supplies	Q3 Contracting, Inc.	TRAFFIC CONTROL PLAN	250.00	115814
100-20-21-424000	Operating Supplies	Ramsey County	FLEET SUPPORT FEE - APRIL 2026	115.44	115819
100-20-21-424000	Operating Supplies	SKB Environmental, Inc.	TRASH DISPOSAL	161.19	115803
100-20-21-424000	Operating Supplies	SKB Environmental, Inc.	TRASH DISPOSAL	156.86	115803
100-20-21-439000	CONTRACT MAINTENANCE	Q3 Contracting, Inc.	SONOTUBE CONCRETE FILL	319.72	115814
			Total Department 20-21 STREET DEPARTMENT	3,339.21	
Department: 20-30 VEHICLE MAINTENANCE					
100-20-30-421000	Motor Fuel	Mansfield Oil Company of G	2026 FUEL CONTRACT	14,872.34	115823
100-20-30-423000	Vehicle Supplies & Mainten	Allstate Peterbilt of Sout	FILTERS	114.32	115830
100-20-30-423000	Vehicle Supplies & Mainten	FACTORY MOTOR PARTS CO.	VEHICLE BATTERY	404.03	7305
100-20-30-423000	Vehicle Supplies & Mainten	FACTORY MOTOR PARTS CO.	VEHICLE BATTERY	294.49	7305
100-20-30-423000	Vehicle Supplies & Mainten	Napa Auto Parts	CIRCUIT BREAKERS	25.98	7307
100-20-30-437000	Contract Maint. - Vehicles	Jeff Belzers Roseville Chr	REPAIRS ON SQUAD CAR	3,880.45	115836
100-20-30-439000	CONTRACT MAINTENANCE	Q3 Contracting, Inc.	CONCRETE REPLACEMENT	1,248.36	115814
			Total Department 20-30 VEHICLE MAINTENANCE	20,839.97	

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
Fund: 100 General Fund					
Department: 23-00 BUILDING MAINTENANCE					
100-23-00-436001-PW2660	Utilities-City Hall	Anchor Solar Investments,	SOLAR - CITY HALL	418.08	115833
100-23-00-436003-PW2660	Utilities-City Garage	Anchor Solar Investments,	SOLAR - MAINT PW	1,381.15	115833
100-23-00-439001	CONTRACT MAINTENANCE - CIT	ENVIRONMENT CONTROL OF WIS	JANITORIAL - JUNE	9,893.00	115847
100-23-00-439003	Contract Maint.- City Gara	Cintas Corporation	3X5 BRUSH MAT/CHARC PW	91.54	115818
100-23-00-439003	Contract Maint.- City Gara	OVERHEAD DOOR COMPANY OF T	DOOR #12 WAS HIT STRUTS ARE BAD PW	248.75	7316
100-23-00-439011	Fiber Maint. & Locates	Zayo Group LLC	CITY FIBER SERVICES	4,553.52	115822
			Total Department 23-00 BUILDING MAINTENANCE	16,586.04	
			Total Fund 100 General Fund	63,105.50	
Fund: 103 Contracted Engineering Svcs					
Department: 00-00 GENERAL					
103-00-00-230000	Deposits	CREATIVE CUSTOM HOMEBUILDE	ESCROW REFUND	5,000.00	115849
103-00-00-230000	Deposits	CREATIVE CUSTOM HOMEBUILDE	ESCROW REFUND	6,000.00	115849
			Total Department 00-00 GENERAL	11,000.00	
			Total Fund 103 Contracted Engineering Svcs	11,000.00	
Fund: 200 Recreation Fund					
Department: 40-41 RECREATION FEE PROGRAMS					
200-40-41-424000-PR0220	Operating Supplies	Taho Sportswear, Inc.	ADULT WINTER VOLLEYBALL CHAMPIONSHIP	1,094.95	7309
200-40-41-424000-PR0380	Operating Supplies	FASTSIGNS	PARTY IN THE PARK FLAG	293.78	115848
200-40-41-430000-PR0210	Professional Services	AARP Driver Safety Program	MAY 14 CLASS PAYMENT (REISSUING TO CO	105.00	115840
200-40-41-430000-PR0212	Professional Services	Willie McCray	ADULT SOFTBALL LEAGUE UMPIRE PAYMENT	2,414.00	7320
200-40-41-430000-PR0253	Professional Services	KEEP IT CLEAN TWIN CITIES	PARK FACILITY CLEANING	4,049.43	115845
200-40-41-442000-PR0212	Memberships & Subscription	MRPA	ADULT SOFTBALL TEAM REGISTRATION	2,825.00	115807
			Total Department 40-41 RECREATION FEE PROGRAMS	10,782.16	
Department: 40-50 NATURE CENTER					
200-40-50-439000-PR0119	CONTRACT MAINTENANCE	ENVIRONMENT CONTROL OF WIS	JANITORIAL - JUNE	986.00	115847
			Total Department 40-50 NATURE CENTER	986.00	
Department: 40-53 SKATING CENTER					
200-40-53-439000	CONTRACT MAINTENANCE	ENVIRONMENT CONTROL OF WIS	JANITORIAL - JUNE	947.00	115847
200-40-53-439000	CONTRACT MAINTENANCE	Voss Lighting	SERVICE WORK	445.00	7310
			Total Department 40-53 SKATING CENTER	1,392.00	
			Total Fund 200 Recreation Fund	13,160.16	
Fund: 204 PARK MAINTENANCE					
Department: 40-43 RECREATION MAINTENANCE					
204-40-43-424000	Operating Supplies	Bryan Rock Products, Inc.	RBDA 26.03 TON	1,262.46	115805
204-40-43-424000	Operating Supplies	ENVIRONMENT CONTROL OF WIS	JANITORIAL - JUNE	483.00	115847
204-40-43-424000	Operating Supplies	Fikes, Inc.	HARDWOUND ROLL TOWEL, HAND CLEANSER	581.98	7315
204-40-43-424000-PR0627	Operating Supplies	Wagners Greenhouses, Inc.	VINCA CORA XDR WHITE, SALVIA BLACK/BL	288.11	115825
204-40-43-430000	Professional Services	Flagship Recreation	DEMO OF EQUIPMENT AND EXCAVATION, SUB	1,200.00	115821
204-40-43-430000	Professional Services	Yale Mechanical	WATER HEATER REPLACEMENT, MISC MATERI	5,184.46	7314
			Total Department 40-43 RECREATION MAINTENANCE	9,000.01	
			Total Fund 204 PARK MAINTENANCE	9,000.01	
Fund: 260 Community Development					
Department: 00-00 GENERAL					
260-00-00-230000	Deposits	DATABUILD LLC	CONSTRUCTION DEPOSIT REFUND 707 SHRYE	1,000.00	115828
260-00-00-230000	Deposits	OVATION HOMES LLC	CONSTRUCTION DEPOSIT REFUND 237 W MCC	1,000.00	115829

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
Fund: 260 Community Development					
Department: 00-00 GENERAL					
			Total Department 00-00 GENERAL	2,000.00	
			Total Fund 260 Community Development	2,000.00	
Fund: 265 License Center					
Department: 05-00 DEPUTY REGISTER					
265-05-00-430000	Professional Services	Cintas Corporation	3X5 TRAFFIC MAT LIC & PASS	89.36	115818
265-05-00-430000	Professional Services	ENVIRONMENT CONTROL OF WIS	JANITORIAL - JUNE	920.00	115847
265-05-00-431000	Telephone	CenturyLink	TELEPHONE	111.54	115808
265-05-00-431000	Telephone	CenturyLink	TELEPHONE	40.63	115808
			Total Department 05-00 DEPUTY REGISTER	1,161.53	
			Total Fund 265 License Center	1,161.53	
Fund: 400 Equipment Revolving					
Department: 10-00 POLICE DEPARTMENT					
400-10-00-452000	Vehicles / Equipment	MacQueen Equipment	2604 SQUAD BUILD/ STRIP 1905	28,550.64	7308
			Total Department 10-00 POLICE DEPARTMENT	28,550.64	
			Total Fund 400 Equipment Revolving	28,550.64	
Fund: 401 Fire Equipment					
Department: 13-00 FIRE DEPARTMENT					
401-13-00-453000	Other Improvements	Aero Drapery and Blind, In	BLINDS FOR NEW BEDROOM	2,300.00	115809
401-13-00-453000	Other Improvements	Stryker Sales. LLC	ADDITIONAL LUCAS DEVICE FOR EMS SUPPL	20,292.44	115811
401-13-00-453000	Other Improvements	Stryker Sales. LLC	ADDITIONAL LUCAS DEVICE FOR EMS SUPPL	253.66	115811
			Total Department 13-00 FIRE DEPARTMENT	22,846.10	
			Total Fund 401 Fire Equipment	22,846.10	
Fund: 410 GENERAL FACILITIES REPLACEMENT FUND					
Department: 23-00 BUILDING MAINTENANCE					
410-23-00-453000	Other Improvements	TruNorth Painting, Inc.	PAINTING - PD AND CH	12,000.00	115832
			Total Department 23-00 BUILDING MAINTENANCE	12,000.00	
Department: 40-53 SKATING CENTER					
410-40-53-424200	Repairs & Maintenance	TK Elevator Corp.	ELEVATOR MODERNIZATION	66,093.00	115820
			Total Department 40-53 SKATING CENTER	66,093.00	
			Total Fund 410 GENERAL FACILITIES REPLACEMENT FUND	78,093.00	
Fund: 411 Recreation Improvements					
Department: 40-40 RECREATION ADMINISTRATION					
411-40-40-430000-PR2601	Professional Services	LHB Inc	PROFESSIONAL SERVICES THROUGH JANUARY	10,822.00	7311
			Total Department 40-40 RECREATION ADMINISTRATION	10,822.00	
			Total Fund 411 Recreation Improvements	10,822.00	
Fund: 417 STREETSCAPE					
Department: 20-20 PUBLIC WORKS ADMINISTRATION					
417-20-20-424000	Operating Supplies	Forest Lake Contracting, I	WAYFINDING	4,810.00	7312
417-20-20-439000	CONTRACT MAINTENANCE	Forest Lake Contracting, I	SIGNALS - B & VICTORIA	2,744.12	7313
			Total Department 20-20 PUBLIC WORKS ADMINISTRATION	7,554.12	
			Total Fund 417 STREETSCAPE	7,554.12	
Fund: 590 Special Assmt. Construction					

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
Fund: 590 Special Assmt. Construction					
Department: 20-23 STREET CONSTRUCTION					
590-20-23-453000-PW2330	Other Improvements	Ramsey County	CTY RD B - SNELLING TO LEXINGTON	38.49	115819
590-20-23-453000-PW2330	Other Improvements	Ramsey County	CTY RD B - SNELLING TO LEXINGTON	1,682.79	115819
			Total Department 20-23 STREET CONSTRUCTION	1,721.28	
			Total Fund 590 Special Assmt. Construction	1,721.28	
Fund: 600 Sanitary Sewer					
Department: 00-00 GENERAL					
600-00-00-202000	Accounts Payable	ANDREA WICEVIC & DIANE CAR	UB refund for account: 010948-000	61.21	115854
600-00-00-202000	Accounts Payable	ANDREA WICEVIC & DIANE CAR	UB refund for account: 010948-000	44.61	115854
600-00-00-202000	Accounts Payable	DONALD RADA	UB refund for account: 013930-000	3.39	115851
600-00-00-202000	Accounts Payable	DONALD RADA	UB refund for account: 013930-000	8.93	115851
600-00-00-202000	Accounts Payable	JENNIFER WRIGHT & TOM LIND	UB refund for account: 012246-000	3.34	115855
600-00-00-202000	Accounts Payable	JENNIFER WRIGHT & TOM LIND	UB refund for account: 012246-000	6.37	115855
600-00-00-202000	Accounts Payable	SCOTT & JULIE BUERKLE	UB refund for account: 006816-000	5.12	115850
600-00-00-202000	Accounts Payable	SCOTT & JULIE BUERKLE	UB refund for account: 006816-000	14.74	115850
600-00-00-202000	Accounts Payable	SIGURD DAVID	UB refund for account: 002670-000	1.77	115853
600-00-00-202000	Accounts Payable	SIGURD DAVID	UB refund for account: 002670-000	1.89	115853
600-00-00-202000	Accounts Payable	STEVE VITELLI	UB refund for account: 000164-000	7.55	115852
600-00-00-202000	Accounts Payable	STEVE VITELLI	UB refund for account: 000164-000	26.65	115852
			Total Department 00-00 GENERAL	185.57	
Department: 50-00 SANITARY SEWER					
600-50-00-424000	Operating Supplies	Flexible Pipe Tools & Equi	4625-16-700 HOSE, SEWER, 1" X 700', C	3,902.75	7306
600-50-00-424000	Operating Supplies	Minnesota Pump Works	ABS XFP100E PUMP FERNWOOD LIFT STATIO	12,436.20	115827
600-50-00-430000	Professional Services	GENERAL INDUSTRIAL SUPPLY	MARKING PAINT AND WHEEL	199.83	7318
			Total Department 50-00 SANITARY SEWER	16,538.78	
			Total Fund 600 Sanitary Sewer	16,724.35	
Fund: 610 Water Fund					
Department: 00-00 GENERAL					
610-00-00-202000	Accounts Payable	ANDREA WICEVIC & DIANE CAR	UB refund for account: 010948-000	3.79	115854
610-00-00-202000	Accounts Payable	ANDREA WICEVIC & DIANE CAR	UB refund for account: 010948-000	46.88	115854
610-00-00-202000	Accounts Payable	DONALD RADA	UB refund for account: 013930-000	0.76	115851
610-00-00-202000	Accounts Payable	DONALD RADA	UB refund for account: 013930-000	9.38	115851
610-00-00-202000	Accounts Payable	JENNIFER WRIGHT & TOM LIND	UB refund for account: 012246-000	0.54	115855
610-00-00-202000	Accounts Payable	JENNIFER WRIGHT & TOM LIND	UB refund for account: 012246-000	6.69	115855
610-00-00-202000	Accounts Payable	SCOTT & JULIE BUERKLE	UB refund for account: 006816-000	1.25	115850
610-00-00-202000	Accounts Payable	SCOTT & JULIE BUERKLE	UB refund for account: 006816-000	15.49	115850
610-00-00-202000	Accounts Payable	SIGURD DAVID	UB refund for account: 002670-000	0.16	115853
610-00-00-202000	Accounts Payable	SIGURD DAVID	UB refund for account: 002670-000	1.99	115853
610-00-00-202000	Accounts Payable	STEVE VITELLI	UB refund for account: 000164-000	1.44	115852
610-00-00-202000	Accounts Payable	STEVE VITELLI	UB refund for account: 000164-000	28.00	115852
			Total Department 00-00 GENERAL	116.37	
Department: 51-00 WATER FUND					
610-51-00-424000	Operating Supplies	Core & Main LP	KERF CUTTER VB REPAIR TOOL WITH ACCE	1,600.00	115831
610-51-00-424000	Operating Supplies	Core & Main LP	SMITH BLAIR® 226-090512-000 8" X 12-	757.44	115831
610-51-00-424000	Operating Supplies	MARTIN MARIETTA MATERIALS,	ASPHALT PATCHING MATERIAL	330.82	115806
610-51-00-424000	Operating Supplies	MARTIN MARIETTA MATERIALS,	ASPHALTY PATCHING MATERIAL	1,183.64	115806
610-51-00-424000	Operating Supplies	RECYCLE DESIGN, INC	VICTORIA SEAT TRUSS AND ALUMINIUM BEA	1,163.00	7323
610-51-00-424000	Operating Supplies	RECYCLE DESIGN, INC	ALUMINIUM BEAM	231.00	7323
610-51-00-430000	Professional Services	GENERAL INDUSTRIAL SUPPLY	MARKING PAINT AND WHEEL	199.83	7318

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
Fund: 610 Water Fund					
Department: 51-00 WATER FUND					
610-51-00-438000	Rental	Railroad Management Co. II	LICENSE FEES 09/01/26 - 08/31/27	458.76	115815
610-51-00-438000	Rental	Railroad Management Co. II	LICENSE FEES 09/08/26 - 09/07/27	458.76	115815
610-51-00-439000	CONTRACT MAINTENANCE	Q3 Contracting, Inc.	CONCRETE CURB REPLACEMENT	756.95	115814
610-51-00-439000	CONTRACT MAINTENANCE	Q3 Contracting, Inc.	CONCRETE CURB REPLACEMENT	1,003.37	115814
610-51-00-439000	CONTRACT MAINTENANCE	Q3 Contracting, Inc.	CONCRETE CURB REPLACEMENT	962.30	115814
610-51-00-439000	CONTRACT MAINTENANCE	Q3 Contracting, Inc.	CONCRETE CURB REPLACEMENT	756.95	115814
			Total Department 51-00 WATER FUND	9,862.82	
			Total Fund 610 Water Fund	9,979.19	
Fund: 620 Golf Course					
Department: 52-51 CEDARHOLM GOLF COURSE					
620-52-51-424000	Operating Supplies	Gertens Greenhouses	FLOWERS AT GC	587.98	115810
620-52-51-424000	Operating Supplies	Reinders Inc.	GRASS SEED AND FERTILIZER	831.57	115816
620-52-51-425000	Merchandise for Sale	Small Lot MN	WINE FOR RESALE	270.00	115842
620-52-51-438000	Rental	Mor Golf and Utility	3 GOLF CARTS RENTAL	555.00	115835
620-52-51-439000	CONTRACT MAINTENANCE	CENTRAL MCGOWAN, INC.	BULK C02 FOR BEVERAGES	53.00	115843
620-52-51-441000	Training	Serving Alcohol, Inc.	ALCOHOL SERVER TRAINING	10.62	115826
			Total Department 52-51 CEDARHOLM GOLF COURSE	2,308.17	
			Total Fund 620 Golf Course	2,308.17	
Fund: 640 Storm Drainage					
Department: 00-00 GENERAL					
640-00-00-202000	Accounts Payable	ANDREA WICEVIC & DIANE CAR	UB refund for account: 010948-000	26.10	115854
640-00-00-202000	Accounts Payable	DONALD RADA	UB refund for account: 013930-000	5.22	115851
640-00-00-202000	Accounts Payable	JENNIFER WRIGHT & TOM LIND	UB refund for account: 012246-000	3.72	115855
640-00-00-202000	Accounts Payable	SCOTT & JULIE BUERKLE	UB refund for account: 006816-000	8.62	115850
640-00-00-202000	Accounts Payable	SIGURD DAVID	UB refund for account: 002670-000	1.11	115853
640-00-00-202000	Accounts Payable	STEVE VITELLI	UB refund for account: 000164-000	15.58	115852
			Total Department 00-00 GENERAL	60.35	
Department: 54-00 STORM WATER					
640-54-00-424000	Operating Supplies	Fikes, Inc.	GARBAGE BAGS	306.25	7315
640-54-00-430000	Professional Services	GENERAL INDUSTRIAL SUPPLY	MARKING PAINT AND WHEEL	199.83	7318
640-54-00-439000-PW2609	CONTRACT MAINTENANCE	MNL	CONCORDIA MEADOWS BMP MAINTENANCE	350.00	115837
640-54-00-439000-PW2609	CONTRACT MAINTENANCE	MNL	CORPUS CHRISTI BMP MAINTENANCE	250.00	115837
640-54-00-439000-PW2609	CONTRACT MAINTENANCE	MNL	FAIRVIEW & C POND MAINTENANCE	300.00	115837
640-54-00-439000-PW2609	CONTRACT MAINTENANCE	MNL	TWIN LAKES TRAIL BMP MAINTENANCE	350.00	115837
640-54-00-439000-PW2609	CONTRACT MAINTENANCE	PaveDrain, LLC	PAVER REPLACEMENT & SEALER	4,654.40	115838
			Total Department 54-00 STORM WATER	6,410.48	
			Total Fund 640 Storm Drainage	6,470.83	
Fund: 650 ENVIRONMENTAL					
Department: 00-00 GENERAL					
650-00-00-202000	Accounts Payable	ANDREA WICEVIC & DIANE CAR	UB refund for account: 010948-000	15.29	115854
650-00-00-202000	Accounts Payable	DONALD RADA	UB refund for account: 013930-000	3.06	115851
650-00-00-202000	Accounts Payable	JENNIFER WRIGHT & TOM LIND	UB refund for account: 012246-000	2.18	115855
650-00-00-202000	Accounts Payable	SCOTT & JULIE BUERKLE	UB refund for account: 006816-000	5.06	115850
650-00-00-202000	Accounts Payable	SIGURD DAVID	UB refund for account: 002670-000	0.65	115853
650-00-00-202000	Accounts Payable	STEVE VITELLI	UB refund for account: 000164-000	9.14	115852
			Total Department 00-00 GENERAL	35.38	

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
Fund: 650 ENVIRONMENTAL					
			Total Fund 650 ENVIRONMENTAL	35.38	
Fund: 710 Risk Management					
Department: 61-00 RISK MANAGEMENT					
710-61-00-430000	Professional Services	Stericycle, Inc.	STERI-SAFE BUDGET SUBSCRIPTION - JUNE	341.68	115813
710-61-00-441000	Training	U.S. COMPLIANCE, LLC	SAFETY TRAINING	600.00	115846
			Total Department 61-00 RISK MANAGEMENT	941.68	
			Total Fund 710 Risk Management	941.68	

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
--- TOTALS BY GL DISTRIBUTION ---					
		100-02-00-439000	CONTRACT MAINTENANCE	171.00	
		100-02-00-441100	Tuition Reimbursement	2,611.36	
		100-10-00-431000	Telephone	4,273.91	
		100-13-00-422000	Clothing	678.23	
		100-13-00-423000	Vehicle Supplies & Maintenance	51.88	
		100-13-00-430000	Professional Services	3,360.00	
		100-13-00-437000	Contract Maint. - Vehicles	2,971.74	
		100-13-00-439000	CONTRACT MAINTENANCE	3,388.08	
		100-13-00-441000	Training	90.00	
		100-13-13-436000-FD2660	Utilities	418.08	
		100-20-20-443600	Software Operating Charges	4,326.00	
		100-20-21-424000	Operating Supplies	3,019.49	
		100-20-21-439000	CONTRACT MAINTENANCE	319.72	
		100-20-30-421000	Motor Fuel	14,872.34	
		100-20-30-423000	Vehicle Supplies & Maintenance	838.82	
		100-20-30-437000	Contract Maint. - Vehicles	3,880.45	
		100-20-30-439000	CONTRACT MAINTENANCE	1,248.36	
		100-23-00-436001-PW2660	Utilities-City Hall	418.08	
		100-23-00-436003-PW2660	Utilities-City Garage	1,381.15	
		100-23-00-439001	CONTRACT MAINTENANCE - CITY HALL	9,893.00	
		100-23-00-439003	Contract Maint.- City Garage	340.29	
		100-23-00-439011	Fiber Maint. & Locates	4,553.52	
		103-00-00-230000	Deposits	11,000.00	
		200-40-41-424000-PR0220	Operating Supplies	1,094.95	
		200-40-41-424000-PR0380	Operating Supplies	293.78	
		200-40-41-430000-PR0210	Professional Services	105.00	
		200-40-41-430000-PR0212	Professional Services	2,414.00	
		200-40-41-430000-PR0253	Professional Services	4,049.43	
		200-40-41-442000-PR0212	Memberships & Subscriptions	2,825.00	
		200-40-50-439000-PR0119	CONTRACT MAINTENANCE	986.00	
		200-40-53-439000	CONTRACT MAINTENANCE	1,392.00	
		204-40-43-424000	Operating Supplies	2,327.44	
		204-40-43-424000-PR0627	Operating Supplies	288.11	
		204-40-43-430000	Professional Services	6,384.46	
		260-00-00-230000	Deposits	2,000.00	
		265-05-00-430000	Professional Services	1,009.36	
		265-05-00-431000	Telephone	152.17	
		400-10-00-452000	Vehicles / Equipment	28,550.64	
		401-13-00-453000	Other Improvements	22,846.10	
		410-23-00-453000	Other Improvements	12,000.00	
		410-40-53-424200	Repairs & Maintenance	66,093.00	
		411-40-40-430000-PR2601	Professional Services	10,822.00	
		417-20-20-424000	Operating Supplies	4,810.00	
		417-20-20-439000	CONTRACT MAINTENANCE	2,744.12	
		590-20-23-453000-PW2330	Other Improvements	1,721.28	
		600-00-00-202000	Accounts Payable	185.57	
		600-50-00-424000	Operating Supplies	16,338.95	
		600-50-00-430000	Professional Services	199.83	
		610-00-00-202000	Accounts Payable	116.37	
		610-51-00-424000	Operating Supplies	5,265.90	
		610-51-00-430000	Professional Services	199.83	
		610-51-00-438000	Rental	917.52	

GL Number	GL # Line Desc	Vendor Name	Invoice Description	Amount	Check Number
		610-51-00-439000	CONTRACT MAINTENANCE	3,479.57	
		620-52-51-424000	Operating Supplies	1,419.55	
		620-52-51-425000	Merchandise for Sale	270.00	
		620-52-51-438000	Rental	555.00	
		620-52-51-439000	CONTRACT MAINTENANCE	53.00	
		620-52-51-441000	Training	10.62	
		640-00-00-202000	Accounts Payable	60.35	
		640-54-00-424000	Operating Supplies	306.25	
		640-54-00-430000	Professional Services	199.83	
		640-54-00-439000-PW2609	CONTRACT MAINTENANCE	5,904.40	
		650-00-00-202000	Accounts Payable	35.38	
		710-61-00-430000	Professional Services	341.68	
		710-61-00-441000	Training	600.00	
--- TOTALS BY FUND ---					
		100	General Fund	63,105.50	
		103	Contracted Engineering Svcs	11,000.00	
		200	Recreation Fund	13,160.16	
		204	PARK MAINTENANCE	9,000.01	
		260	Community Development	2,000.00	
		265	License Center	1,161.53	
		400	Equipment Revolving	28,550.64	
		401	Fire Equipment	22,846.10	
		410	GENERAL FACILITIES REPLACEMENT FUND	78,093.00	
		411	Recreation Improvements	10,822.00	
		417	STREETSCAPE	7,554.12	
		590	Special Assmt. Construction	1,721.28	
		600	Sanitary Sewer	16,724.35	
		610	Water Fund	9,979.19	
		620	Golf Course	2,308.17	
		640	Storm Drainage	6,470.83	
		650	ENVIRONMENTAL	35.38	
		710	Risk Management	941.68	
		Total For All Funds:		285,473.94	

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 10.b.

Department Approval

City Manager Approval

Item Description: Approve General Purchases Exceeding $10,000 or Sale of Surplus Items

Background

City Code section 103.05 establishes the requirement that all general purchases or contracts in excess of $10,000 be separately approved by the City Council, independent of the budget process or other statutory purchasing requirements. In addition, State Statutes generally require the Council to authorize the sale of surplus vehicles and equipment. *Attachment 1* includes a list of items submitted for Council review and approval.

Staff will note that, unless noted otherwise, all items contained in this report were previously identified and included in the adopted budget or Capital Improvement Plan (CIP) submitted for Council review during the most recent budget cycle. This information package included a CIP Project/Initiative summary which identified the type of purchase, estimated cost, funding source, and other supporting narrative. Where applicable, these project/initiative summaries are included with *Attachment 2*.

Policy Objectives

Required under City Code 103.05.

Equity Impact Summary

Payments to vendors contribute to the local economy by supporting businesses within the community, including those owned by people of color. Ensuring equitable distribution of contracts and payments among vendors, particularly minority-owned businesses, can help promote economic equity. This supports broader goals of reducing racial economic disparities as well as Roseville's aspiration to be a community that is economically prosperous with a stable and broad tax base and vibrant small businesses.

Budget Implications

Funding for all items is provided for in the current budget or through pre-funded capital replacement funds.

Staff Recommendations

Staff recommends the City Council approve the submitted purchases or contracts for service and, where applicable, authorize the sale/trade-in of surplus items.

Requested Council Action

Motion to approve the submitted purchases or contracts for services and, where applicable; the sale/trade-in of surplus items.

Prepared by: Phil Weix - Assistant Finance Director

Attachments: 1. Over $10,000 Report Items for Purchase or Sale_Trade-In

General Purchases or Contracts

Division	Vendor	Description	Key	Budget Amount	P.O. Amount	Budget / CIP
Parks and Recreation	NAC	Gymnastics Center AC Install	(a)	$ 150,000	$ 90,578	2026 Facilities CIP
Parks and Recreation	Schwab Vollhaber Lubratt Service Corp				$ 44,600	
Public Works (Streets/Pathways)	Goodpoint Technology	Pavement Condition Survey	(b)	$ 18,000	$ 16,375	2026 Operating

Key

(a) In 1999, the City funded the installation of an air conditioning system in the Gymnastics Center, which is shared with Roseville Area Schools, so the Center would be usable during the warmer months. Roseville Area Schools would provide any repairs and maintenance but the City would be responsible for the eventual asset replacement. The AC units are currently 27 years old and are showing signs of imminent failure. Failure to replace the units would make the Gymnastic Center unusable during the summers and early fall. NAC will provide the installation for $90,578 and Schwab Bollhaber Lubratt will provide the unit for $44,600. Both vendors were chosen to ensure alignment with the current system at Roseville Area High School and pricing was verified through cooperative purchasing contracts. This was budgeted in the Facilities CIP with an expected cost of $150,000. The total installation will come in under budget by $15,000.

(b) Annually the City contracts with GoodPointe Technology to conduct a survey of a certain amount of centerline mileage of the City's streets. They are also used to survey of pathways every four years with half of bituminous pathways done in year 1 and the remaining in year 2, then half of the concrete sidewalks done in year 3 and the other half in year 4. For 2026 the plan is to have them inspect 31 miles of roadway at $350/mile and 17 miles of bituminous pathways at $325/mile. This cost will be split from approved 2026 budgets in the amount of $10,000 from Streets and $8,000 from Pathways.

Sale of Surplus Vehicles or Equipment

Division	Description	Est. Sale / Trade-In Amount
Police Department	2020 Dodge Durango	$ 15,000
Police Department	2023 Dodge Charger	$ 19,000
Police Department	2019 Dodge Charger	$ 12,000
Police Department	2023 Dodge Charger	$ 19,000

REQUEST FOR COUNCIL ACTION

Date: 6/15/2026
Item No.: 10.c.

Department Approval

City Manager Approval

Item Description: Approve Clean Water Fund Grant Agreement with Metropolitan Council

Background

Roseville was again successful in a grant application for the Water Efficiency Rebate Program offered by the Metropolitan Council. For the 2026-2028 cycle, the state appropriated $1,400,000 from the Legacy Amendment's Clean Water Fund for water demand reduction grants to assist municipalities in the metro area with implementing water demand reduction measures to ensure the reliability and protection of drinking water supplies. Once the agreement is fully executed, Roseville will have $42,500 available for water efficiency rebates. The new grant allows additional eligible water saving devices including commercial devices and establishes an equity criterion for those who participate in SNAP or County utility programs for 100% rebate of some devices up to a specific maximum dollar amount. Roseville will need to contribute a 20% match (or an estimated $6,500) to all rebates that do not qualify for the new equity criteria. Residents and businesses can purchase approved dishwashers, toilets, clothes washers, showerheads, faucets or irrigation audits/replacements, then submit a reimbursement application to the City. If funds are still available and the purchase qualifies, a rebate will be applied to their water bill or, for renters or members of an HOA, via check. There is a $300 maximum (non-equity) rebate per address, per grant cycle. At last count, during the 2024-2026 cycle, including the separate equity grant pilot program for toilets, Roseville issued $42,500 in rebates for 164 water efficient devices with total annual estimated water savings of over 800,000 gallons. Once fully executed, after July 1, the grant information and a new online application can be found at cityofroseville.com/water-rebate.

Policy Objectives

It is City policy to provide efficient and cost-effective services through intergovernmental coordination and to provide efficient and high-quality public services.

Equity Impact Summary

The availability of the grant will be shared digitally and in the printed City newsletter. The funds are first come first served and a minimum of $10,000 must be used towards equity applications.

Budget Implications

The Water Fund will cover the City's 20% required contribution (for non-equity qualifying submittals) for an estimated $6,500.

Staff Recommendations

Staff recommends Council approve the Clean Water Fund Grant Agreement with Metropolitan Council.

Requested Council Action

Motion to approve the Clean Water Fund Grant Agreement with Metropolitan Council.

Prepared by: Jennifer Lowry, City Engineer

Attachments: 1. Agreement

METROPOLITAN COUNCIL
CLEAN WATER FUND GRANT AGREEMENT

Recipient: City of Roseville

Grant No: SG-26E-03-29

Met Council Action: 2026-95 SW

Maximum Grant Amount: $ 36000

Recipient Match (20% of total program excluding low-income option): $ 6500

Recipient's Authorized Representative:

Name: Jennifer Lowry

Mailing Address: 2660 Civic Center Drive, Roseville MN 55113

Phone: 651-792-7042

Email Address: Jennifer.lowry@cityofroseville.com

This Clean Water Fund Grant Agreement ("Grant Agreement") is entered into between the Metropolitan Council, a public corporation and political subdivision of the State of Minnesota ("Met Council") and the Recipient named above.

RECITALS

1. Minnesota Session Laws 2025, Chapter 36, Article 2, Section 8(b), appropriated to the Met Council $1,400,000 in funds from the Legacy Amendment's Clean Water Fund ("Clean Water Fund") for State fiscal years 2026 and 2027, for water demand reduction grants to assist municipalities in the metropolitan area with implementing water demand reduction measures to ensure the reliability and protection of drinking water supplies.

2. The Met Council is authorized by Minnesota Statutes sections 473.129, subdivision 4 to apply for and use grants from the State for any Metropolitan Council purpose and may dispose of the money in accordance with the terms of the appropriation.

3. The Recipient is authorized to receive grants from the Clean Water Fund for a water demand reduction program to implement measures to reduce water demand to ensure the reliability and protection of drinking water supplies.

4. On May 13, 2026, the Met Council authorized the granting $1,399,000 of the appropriation to the Recipients participating in the grant program.

5. The Recipient is authorized to receive grants from the Clean Water Fund for a water demand reduction program to implement measures to reduce water demand to ensure the reliability and protection of drinking water supplies.

6. The Recipient represents that it is duly qualified and agrees to perform all services described in this Grant Agreement to the reasonable satisfaction of the Met Council.

GRANT AGREEMENT

1. Term of Grant Agreement.

1.1. Effective Date. The Effective Date of this Grant Agreement is the date this agreement is fully executed, provided the Grant Agreement is fully executed on or after July 1, 2026. If the Grant Agreement is fully executed prior to July 1, 2026, the effective date shall be July 1, 2026.

1.2. Grant Activity Period. The Grant Activity Period runs from the Effective Date through the Expiration Date.

1.3. Expiration Date. The Expiration Date is the earlier of Recipient's satisfactory fulfillment of obligations or June 30, 2028.

1.4. Survival of Terms. The following clauses survive the expiration, termination or cancellation of this Grant Agreement:

- 9. Liability and Insurance;
- 10. Audits;
- 11. Government Data Practices;
- 13. Data Availability;
- 14. Governing Law, Jurisdiction, and Venue;
- 16. Data Disclosure; and
- 18.7 Future Eligibility.

2. Duties, Representations and Warranties of Recipient and Use of Grant Funds.

2.1. The Recipient will conduct, administer and complete in a satisfactory manner and in accordance with the terms of this Grant Agreement the program ("Recipient Program") which is described in Recipient's application to the Met Council for assistance under the Met Council's Clean Water Fund grant program. The Recipient's application is incorporated into this Grant Agreement as Exhibit A. Recipient will perform the Recipient Program in accordance with the timeline in Exhibit B of this Grant Agreement and to undertake the financial responsibilities described in Exhibit B which is incorporated into this Grant Agreement. The Recipient must complete the Recipient Program as described in Exhibits A and B. The Met Council makes no representation or warranties with respect to the success and effectiveness of the Recipient Program. The Met Council acknowledges that Recipient Program work may be limited to soliciting participation by its residents and businesses in the Recipient Program and requires additional work by the Recipient only to the extent that residents and businesses choose to participate in the Recipient Program, as described in Exhibit B.

The Grant Funds must be entirely passed through and can only be used for authorized rebates or grants for qualifying activities.

2.2. Recipient Representations and Warranties. The Recipient represents and warrants to Met Council, as follows:

A. It has the legal authority to enter into this Grant Agreement and to conduct and administer the Recipient Program and use the Grant Funds for the purpose or purposes described in this Agreement.

B. It has taken all actions necessary for its execution of the Agreement and has provided to Met Council a copy of the resolution by its governing body authorizing Recipient to enter into this Agreement, if required. If a resolution is not required by the Recipient, Recipient shall provide the Met

Council documents acceptable to the Council indicating that the appropriate person(s) has authority to enter into this agreement on behalf of the Recipient, such as a city policy or city ordinance.

C. It has the legal authority to undertake the Recipient Program, including the Recipient's financial responsibilities in Exhibit B.

D. Only its Authorized Representative may provide certifications required in this Grant Agreement and submit pay claims for reimbursement of Recipient Program costs.

E. It will comply with all the terms of this Grant Agreement.

F. It will comply with all requirements of Clean Water Funding legislation and appropriations, except for requirements that this Grant Agreement explicitly states will be handled by the Met Council.

G. It has made no material false statement or misstatement of fact in connection with the Grant Funds, and all of the information it has submitted or will submit to the Met Council relating to the Grant Funds or the disbursement of any of the Grant Funds is and will be true and correct. It agrees that all representations contained in its application for the Clean Water Fund Grant are material representations of fact upon which the Met Council relied in awarding this Grant and are incorporated into this Agreement by reference.

H. It is not in violation of any provisions of its charter or of the laws of the State of Minnesota, and there are no material actions, suits, or proceedings pending, or to its knowledge threatened, before any judicial body or governmental authority against or affecting it and is not in default with respect to any order, writ, injunction, decree, or demand of any court or any governmental authority which would impair its ability to enter into this Grant Agreement, or to perform any of the acts required of it in the Agreement.

I. Compliance with the requirements of this Grant Agreement is not prevented by, is a breach of, or will result in a breach of, any term, condition, or provision of any agreement to which it is bound.

J. The Recipient Program will not violate any applicable zoning or use statute, ordinance, building code, rule or regulation, or any covenant or agreement of record relating thereto.

K. The Recipient Program will be conducted in full compliance with all applicable laws, statutes, rules, ordinances, and regulations issued by any federal, state, or political subdivisions having jurisdiction over the Recipient Program.

L. It will comply with the financial responsibility requirements contained in Exhibit B.

M. It will furnish satisfactory evidence regarding these representations if requested by the Met Council.

3. Time.

Recipient must comply with all time requirements described in this Grant Agreement. In the performance of this Grant Agreement, time is of the essence.

4. Eligible Costs.

Eligible costs are those costs incurred by parties within the jurisdiction of the Recipient for 80% of rebate or grant payments as defined in Exhibit B (and not including low-income cost assistance grant

activities). The Met Council will not reimburse Recipient for non-eligible costs. Any cost not defined as an eligible cost or not included in the Recipient Program or approved in writing by the Met Council is a non-eligible cost.

5. Consideration and Payment.

5.1 Consideration. The Met Council will reimburse the Recipient for eligible costs performed by the Recipient during the Grant Activity Period up to the Maximum Grant Amount as specified in this agreement. The Met Council bears no responsibility for any cost overruns that may be incurred by the Recipient or any sub-recipients. The Recipient may be eligible to receive additional grant amounts or an adjustment of the Maximum Grant Amount in accordance with the procedure in the Grant Amendment Form attached and incorporated as Exhibit C. A fully executed Exhibit C will amend this Grant by the amount in Exhibit C.

5.2. **Advance.** The Met Council will make no advance of the Grant Amount to Recipient.

5.3. **Payment.** To receive payment, the Recipient must submit a Reimbursement Request on forms provided by the Met Council, including electronically scanned receipts to verify the cost of eligible devices reported for each reporting period. Reimbursement Request must be submitted quarterly, even if there are no eligible costs to report. The Recipient must describe its compliance with its the financial requirements, work completed including specific addresses where work was done, and provide sufficient documentation of grant eligible expenditures and any other information the Met Council reasonably requests. The Met Council will promptly pay the Recipient after the Recipient presents to the Met Council a Reimbursement Request and scanned copies of all receipts verifying the cost for all eligible devices reported and the Met Council's Authorized Representative accepts the invoiced services.

6. Conditions of Payment.

6.1. For each approved grant activity for which Recipient requests payment, Recipient must certify the following to the Met Council:

(1) the device or other grant activity has been purchased or paid for during the Grant Activity Period;
(2) Recipient has determined the device, grant activity, or resident (in cases of the low-income cost assistance option), is eligible;
(3) Recipient received receipts for the device, installation cost, or other grant activity; and
(4) the purchase was not performed in violation of federal, state, or local law, or regulation.

6.2. Conditions Precedent to Any Reimbursement Request. The obligation of the Met Council to make reimbursement payments is subject to the following conditions precedent:

A. The Met Council's receipt of a Reimbursement Request/Progress Report for the funds requested, and electronic copies of receipts verifying the cost for all eligible devices for that reporting period;

B. If requested by the Met Council (in form and substance acceptable to the Met Council), evidence that (i) the Recipient has legal authority to and has taken all actions necessary to enter into this Agreement and (ii) this Agreement is binding and enforceable against the Recipient;

C. There is no Event of Default under this Grant Agreement or event which would constitute an Event of Default but for the requirement that notice be given or that a period of grace or time elapse; and

D. The Recipient has supplied to the Met Council all other items that the Met Council may reasonably require to assure good fiscal oversight of state's funding through the Clean Water Fund.

7. **Authorized Representative.**

The Met Council's Authorized Representative is**:**

Name:	Henry McCarthy or successor
Title:	Senior Environmental Scientist
Mailing Address:	390 North Robert Street St. Paul, MN 55101
Phone:	(651) 602-1946
E-Mail Address:	henry.mccarthy@metc.state.mn.us

The Met Council's Authorized Representative has the responsibility to monitor the Recipient's performance and the authority to accept the services provided under this Grant Agreement. If the services are satisfactory, the Met Council's Authorized Representative will certify acceptance on each invoice submitted for payment.

The Recipient's Authorized Representative is noted on the first page of this Grant Agreement. If the Recipient's Authorized Representative changes at any time during this Grant Agreement, the Recipient must immediately notify the Met Council and within 30 days provide a new City resolution (if such resolution is necessary) specifying the new Representative. If a resolution is not required by the City, the City's notification to the Met Council must be in writing.

8. Assignment, Amendments, Waiver, Grant Agreement Complete, and Order of Precedence.

8.1 Assignment. The Recipient may neither assign nor transfer any rights or obligations under this Grant Agreement without the prior written consent of the Met Council and a fully executed Assignment Agreement.

8.2 Amendments. Except as provided in this Section 8.2, any amendment to this Grant Agreement must be in writing and will not be effective until it has been executed and approved by the appropriate parties. If requested by the Recipient in writing, the Met Council may, at its sole discretion, authorize in writing a minor change (administrative, compliance, or operational adjustments that do not alter the core scope, objectives, or funding level of the award) to the Recipient Program in Exhibit A, without a formal executed amendment to this Grant Agreement. Met Council further reserves the right to amend grant agreements, in collaboration with grantee municipality, if quarterly reporting indicates rebate or grant programs will not fully utilize grant awards within the grant period or for other documented purposes that will advance the legislative objectives of the pilot program.

8.3 Waiver. If the Met Council fails to enforce any provision of this Grant Agreement, that failure does not waive the provision or its right to enforce it.

8.4 Grant Agreement Complete. This Grant Agreement contains all negotiations and agreements between the Met Council and the Recipient. No other understanding regarding this Grant Agreement, whether written or oral, may be used to bind either party.

8.5 Order of Precedence. This Grant Agreement will be interpreted in the following order of precedence:

(1) Grant Agreement excluding exhibits;

(2) Exhibit B; and

(3) Exhibit A.

9. Liability and Insurance.

9.1 Liability. The Recipient and the Met Council are each responsible for their own acts and the acts of their employees and the results thereof. To the extent authorized by law, a party is not responsible for the acts of the other party and the results thereof. The liability of the Parties is governed by Minnesota Statutes Chapter 466 and other applicable laws. Neither Party waives any applicable limits on liability or immunities.

9.2 Relationship of the Parties. Nothing contained in this Grant Agreement is intended or should be construed in any manner as creating or establishing the relationship of co-partners or a joint venture between the Recipient and the Met Council, nor will the Recipient be considered or deemed to be an agent, representative, or employee of the Met Council in the performance of this Grant Agreement, or the Recipient Program.

The Recipient represents that it has already or will secure or cause to be secured all personnel required for the performance of this Grant Agreement and the Recipient Program. All personnel of the Recipient or other persons while engaging in the performance of this Grant Agreement or the Recipient Program will not have any contractual relationship with the Met Council related to the work of the Recipient Program and will not be considered employees of the Met Council. In addition, all claims that may arise on behalf of said personnel or other persons out of employment or alleged employment including, but not limited to, claims under the Workers' Compensation Act of the State of Minnesota, claims of discrimination against the Recipient, its officers, agents, contractors, or employees will in no way be the responsibility of the Met Council. Such personnel or other persons may not require nor be entitled to any compensation, rights or benefits of any kind whatsoever from the Met Council, including but not limited to, tenure rights, medical and hospital care, sick and vacation leave, disability benefits, severance pay and retirement benefits.

10. Audits.

Under Minn. Stat. § 16C.05, subd. 5, the Recipient's books, records, documents, and accounting procedures and practices relevant to this Grant Agreement are subject to examination by the Met Council and/or the State Auditor or Legislative Auditor, as appropriate, for a minimum of six years from the termination date of this Grant Agreement.

11. Government Data Practices.

The Recipient and Met Council must comply with the Minnesota Government Data Practices Act, Minn. Stat. Chapter 13, as it applies to all data provided by the Met Council under this grant contract, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Recipient under this Grant Agreement. The civil remedies of Minn. Stat. § 13.08 apply to the release of the data referred to in this clause by either the Recipient or the Met Council. If the Recipient receives a request to release the data referred to in this Clause, the Recipient must immediately notify the Met Council.

12. Workers' Compensation.

The Recipient certifies that it is in compliance with Minn. Stat. § 176.181, subd. 2, pertaining to workers' compensation insurance coverage. The Recipient's employees and agents will not be

considered Met Council employees. Any claims that may arise under the Minnesota Workers Compensation Act on behalf of these employees and any claims made by any third party as a consequence of any act or omission on the part of these employees are in no way the Met Council's obligation or responsibility.

13. Data Availability.

To the extent and as requested by the Met Council, Recipient agrees to comply with Minn. Stat. § 114D.50, subd. 5 requirements for data collected by the Recipient Programs funded with money from the Clean Water Fund that have value for planning and management of natural resources, emergency preparedness and infrastructure investments, including but not limited to the requirement that to the extent practicable, summary data and results of Recipient Programs funded with money from the Clean Water Fund should be readily accessible on the internet and identified as a Clean Water Fund Recipient Program. The Met Council will put overall summary information on the internet and will encourage the Recipient put its municipality information on the web. Recipient understands and agrees that Met Council may list its name and summary information on the internet or in any other Grantor reporting.

Data collected by the Recipient Program, if any, funded with money from the Clean Water Fund that have value for planning and management of natural resources, emergency preparedness, and infrastructure investments must conform to the enterprise information architecture developed by the Department of Information Technology Services. Spatial data must conform to geographic information system guidelines and standards outlined in that architecture and adopted by the Minnesota Geographic Data Clearinghouse at the Minnesota Geospatial Information Office. A description of these data that adheres to the Department of Information Technology Services geographic metadata standards must be submitted to the Minnesota Geospatial Information Office to be made available online through the clearinghouse and the data must be accessible and free to the public unless made private under chapter 13. To the extent practicable, summary data and results of projects funded with money from the clean water fund should be readily accessible on the Internet and identified as a clean water fund project.

14. Governing Law, Jurisdiction, and Venue.

This Grant Agreement will be construed and enforced under the laws of the State of Minnesota without regard to its conflict of law provisions. The venue for any legal proceedings arising out of this Grant Agreement will be the appropriate state or federal court in Ramsey County, Minnesota.

15. Termination.

The Met Council may cancel this Grant Agreement at any time, with or without cause, upon 30 days' written notice to the Recipient. Upon termination, the Recipient will be entitled to payment for services prequalified and satisfactorily performed before the termination notice.

16. Data Disclosure.

Under Minn. Stat. § 270C.65, subd. 3, and other applicable law, the Recipient consents to disclosure of its federal employer tax identification number, and/or Minnesota tax identification number, already provided to the Met Council, to federal and state tax agencies and Met Council personnel involved in the payment of Met Council obligations. Recipient will require compliance with this Section 16 by Recipient's subrecipient of Grant funds and shall submit evidence of such compliance to Met Council as requested.

17. Notices.

In addition to any notice required under applicable law to be given in another manner, any notices required hereunder must be in writing and must be personally served or sent by email or United States mail, to the Authorized Representative of the party to whom it is directed.

18. Miscellaneous.

18.1 Report to Legislature. As provided in Minn. Stat. § 3.195, the Met Council must submit a report on the expenditure and use of money appropriated under the Clean Water Fund to the legislature by January 15 of each year. The report must detail the outcomes in terms of additional use of Clean Water Fund resources, user satisfaction surveys, and other appropriate outcomes. The Recipient agrees to provide to the Met Council by January 1 of each year a report on any user satisfaction surveys it has related to this Recipient Program, and other appropriate outcomes of the Recipient Program as prescribed in Section 18.3 of this Agreement.

18.2 Supplement. The funds granted under this agreement are to supplement and shall not substitute for traditional sources of funding. Recipient certifies to the Met Council that there was and is no traditional Recipient sources of funding for the grant work, as described in Exhibit A.

18.3 Measurable Outcomes. A Recipient Program or program receiving funding from the Clean Water Fund must meet or exceed the constitutional requirement to protect, enhance, and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water from degradation. A Recipient Program or program receiving funding from the Clean Water Fund must include measurable outcomes, as defined in Minn. Stat. § 3.303, subdivision 10, and a plan for measuring and evaluating the results. A Recipient Program or program must be consistent with current science and incorporate state-of-the-art technology. All information for funded Recipient Program work, including the proposed measurable outcomes, must be made available for publication on the web site required under Minn. Stat. § 3.303, subdivision 10, as soon as practicable and forwarded to the Met Council and the Legislative Coordinating Commission under the provisions of Minn. Stat. § 3.303, subd. 10. The Recipient must compile and submit all information for funded Recipient Programs or programs, including the proposed measurable outcomes and all other items required under Minn. Stat. § 3.303, subdivision 10, to the Met Council and, if requested by the Met Council, the Legislative Coordinating Commission as soon as practicable or by January 15 of the applicable fiscal year, whichever comes first.

18.4 Minn. Stat. § 16B.98. Grants funded by the Clean Water Fund must be implemented according to section 16B.98 and must account for all expenditures.

18.5 Benefit to Minnesota Waters. Money from the Clean Water Fund may only be spent on Recipient Programs that benefit Minnesota waters.

18.6 Website. If the Recipient has information on its website about the water efficiency grant program under Minn. Stat. § 114D.50, the Recipient will when practicable in accordance with Minn. Stat. § 114D.50, subd. 4(f) prominently display on the Recipient's website home page the Legacy logo accompanied by the phrase "Click here for more information." When a person clicks on the Legacy logo image, the website must direct the person to a web page that includes both the contact information that a person may use to obtain additional information, as well as a link to the Met Council's and Legislative Coordinating Commission Website required under section 3.303, subdivision 10.

18.7 Future Eligibility. Future eligibility for money from the Clean Water Fund is contingent upon the Recipient satisfying all application requirements related to Met Council's fulfillment of Minn. Stat. § 114D.50 as well as any additional requirements contained in Minnesota Session Laws 2025, Chapter 36, Article 2, Section 8(b).

18.8 Prevailing Wages. The Recipient agrees to comply with all of the applicable provisions contained in chapter 177 of the Minnesota Statutes, and specifically those provisions contained in Minn. Stat. §§ 177.41 through 177.50, as they may be amended, modified or replaced from time to time with respect to the Recipient Program. By agreeing to this provision, the Recipient is not acknowledging or agreeing that the cited provisions apply to the Recipient Program.

18.9 Disability Access. Where appropriate, Recipient of clean water funds, in consultation with the Council on Disability and other appropriate governor-appointed disability councils, boards, committees, and commissions, should make progress toward providing greater access to programs, print publications, and digital media for people with disabilities related to the programs the recipient funds using appropriations made in this agreement.

18.10. General Provisions.

(i) Lawsuit. This Grant shall be canceled if a court determines that the appropriation illegally substitutes for a traditional source of funding.

(ii) Termination Due to Lack of Funds. Recipient recognizes that Met Council's obligation to reimburse Recipient for eligible Recipient Program costs is dependent upon Met Council's receipt of funds from the State of Minnesota appropriated to Met Council under 2025 Session Law, Chapter 40, Article 2, Section 8(b). Should the State of Minnesota terminate such appropriation or should such funds become unavailable to Met Council for any reason, Met Council shall, upon written notice to Recipient of termination or unavailability of such funds, have no further obligations for reimbursement or otherwise under this Grant Agreement. In the event of such written notice, Recipient has no further obligation to complete the Recipient Program as required by this Grant Agreement.

18.11. Counterparts and Electronic Signatures. This Grant Agreement may be executed in any number of counterparts, each of which when executed will be deemed to be an original and the counterparts will together constitute one agreement. A copy of this Grant Agreement, including its signature pages, will be binding and deemed to be an original. Electronic signatures using Adobe Sign or a similar program will be deemed an original signature.

19. Default and Remedies.

19.1 Defaults. The Recipient's failure to fully comply with any of the provisions contained in this Grant Agreement constitute an event of default ("Event of Default").

19.2. Remedies. Upon an event of default, the Met Council may exercise any one or more of the following remedies:

a. Refrain from disbursing the Grant;

b. Demand that all or any portion of the Grant already disbursed be repaid to it, and upon such demand the Recipient shall repay such amount to the Met Council; and

c. Enforce any additional remedies the Met Council may have at law or in equity.

IN WITNESS WHEREOF, the parties have caused this agreement to be executed by their duly authorized representatives.

METROPOLITAN COUNCIL

By: _____

Regional Administrator, successor, or delegate

Date: _____

RECIPIENT:

The Recipient certifies that the appropriate person(s) have executed the this agreement on behalf of the Recipient as required by applicable articles, bylaws, resolutions, or ordinances.

By: _____

_____

Printed Name and Title

Date: _____

EXHIBIT A: Application from community

2026 – 2028
METROPOLITAN COUNCIL WATER EFFICIENCY GRANT PROGRAM
APPLICATION FORM

updated 02 / 25 / 2026

1. Applicant information:

MUNICIPALITY:	Roseville
MUNICIPAL UTILITY:	Roseville
MAILING ADDRESS:	2660 Civic Center Drive, Roseville MN 55113

2. Primary contact information:

Municipality primary authorized representative (all correspondence regarding the Water Efficiency Grant Program should be addressed to individual named below):

Name:	Jennifer Lowry
Title:	City Engineer
Phone:	651.792.7042
Email:	Jennifer.lowry@cityofroseville.com
Mailing Address:	2660 Civic Center Drive, Roseville MN 55113

3. Secondary contact information:

Municipality secondary authorized representative:

Name:	Erik Henricksen
Title:	Assistant City Engineer
Phone:	651.792.7048
Email:	Erik.henricksen@cityofroseville.com
Mailing Address:	2660 Civic Center Drive, Roseville MN 55113

4. **Water use information:**

Municipal Total Per Capita Water Use, in gallons per person-day (2025):	86.2
Municipal Residential Per Capita Water Use, in gallons per person-day (2025):	33.4
Municipal Ratio of Peak Month to Winter Month Water Use (2025):	1.51

Program design

The following questions help describe the type of program your municipality is proposing, including planned grant activities and optional program elements. For more information about the low-income cost assistance option and grant activities on municipal properties, see the Guidelines document.

5. **Will your proposed program be a rebate or grant program?**

rebate

6. **Will your proposed program include a low-income cost assistance option?**

yes

7. **Will your proposed program include approved grant activities on municipal properties** (for example, device replacements or turfgrass conversion)**?**

no

8. **If your proposed program includes approved grant activities on municipal properties, does the funding supplement and not supplant?** (Additional documentation may be requested.)

n/a

9. **Approximately what portion of your requested grant amount will be used for approved grant activities on municipal properties?**

n/a

10. Planned grant activities

Which eligible grant activities will your program include? Please provide an estimated number of device replacements/other grant activities for each category you plan to include in your program.

	Grant activity	Property type		
		Residential	Commercial	Municipal
Indoor water use	Toilet replacement	40	10	n/a
	Clothes washer replacement	60	1	n/a
	Dishwasher replacement	40	10	n/a
	Showerhead replacement	20	1	n/a
	Faucet replacement or faucet accessory	20	1	n/a
Outdoor water use	Irrigation system audit*	5	5	n/a
	Irrigation controller replacement*	5	2	n/a
	Irrigation spray sprinkler body replacement*	3	2	n/a
	Turfgrass conversion/replacement			n/a

** Please note, the Met Council strongly encourages an irrigation system audit be conducted before the replacement of an irrigation controller or spray sprinkler bodies. An initial audit ensures the user has information for proper set-up and operation of their irrigation system.*

11. Estimated water savings per device from WaterSense and Energy Star (if available) will auto-populate in quarterly reporting forms to establish baseline consistency in estimates. Some municipalities may have developed (or plan to develop) specific water savings calculations based on household size, age of device being replaced, and other factors. Municipalities are welcome to submit water savings estimates other than those provided by the WaterSense and Energy Star programs. **If your municipality has plans to calculate estimated water savings in-house or using an external resource, please describe below.**

n/a – we intend to use the available estimated water saving, not develop our own. A rough calculation of the potential water savings for the estimated device replacements noted in the table above equal roughly 1,040,000 gallons per year (assumed commercial device savings equal to residential device savings, which is likely under representative of actual savings).

12. If your proposed program includes grant activities at municipal properties, please walk through your plans for device replacements and/or turfgrass conversion. In the case of turfgrass conversion, please describe where the work will occur, area removed, species removed, area replaced, species replaced, watering and maintenance needs, and estimated annual gallons of water saved (with explanation of estimate).

n/a

Program budget and administration

13. Please outline the amount of funding your municipality is requesting, including – if applicable – an estimate of funds that will be used for low-income cost assistance (no municipality match required).

Grants will be made available in amounts with a minimum of $5,000 and a maximum of $75,000. In the event that there are unused or returned funds, municipalities may apply for a grant amendment to increase their award beyond $75,000 (at the discretion of Met Council). Additionally, if a municipality offers low-income cost assistance, it can apply for an additional $10,000 (max grant of $85,000).

A	**Requested grant amount** (must be 80% of row C):	$40,000
B	**Required municipality matching amount** (must be 20% of row C):	$10,000
C	**Traditional grant program subtotal** (row A + row B):	$50 000

D	*(OPTIONAL)* **Low-income cost assistance requested amount** (100% covered by Met Council funds):	$10,000

E	**Total program budget** (row C + row D):	$60,000

Example calculation:

A	***Requested grant amount*** *(must be 80% of row C):*	***$16,000***
B	***Required municipality matching amount*** *(must be 20% of row C):*	***$4,000***
C	***Traditional grant program subtotal*** *(row A + row B):*	***$20,000***

D	*(OPTIONAL)* ***Low-income cost assistance requested amount*** *(100% covered by Met Council funds):*	***$5,000***

E	***Total program budget*** *(row C + row D):*	***$25,000***

14. Please outline what cost coverage your municipality plans to offer for each of the selected grant activities.

*For example: **70%** of the cost of a **toilet**, up to a maximum of **$200**. Limited to **2** per household.*

Non-Equity: Most are credits to water bill up to a max of $300 per address per grant cycle (not inclusive of any Equity rebate). Residential or commercial tenants, or members of an HOA, may receive a check instead of a water bill credit. Dollar amounts below assume cost of purchase meets or exceed reimbursement.

- $100 per Toilet replacement
- $300 per Clothes washer replacement
- $300 per Dishwasher replacement
- $50 per Showerhead replacement
- $50 per Faucet replacement or faucet accessory
- Up to $300 Irrigation system audit/controller replacement/spray sprinkler body replacement (requires system audit at 100% reimbursed plus 75% of controller/sprinkler replacement)

Equity: Full replacement cost of ONE indoor device up to amount noted by Met Council Grant Guidelines per address per grant cycle ($550 for toilets, $1200 for clothes washers or dishwashers, $100 for showerheads, faucets or faucet accessories). For residential customers only, reimbursed by check. Equity criteria and verification as noted in grant guidelines.

15. Please indicate ways in which you will advertise your program and water conservation.

(Examples to be provided in program work plan.)

Newsletter	x
Flyer in water bill	
Email	x
Tabling at events	x
Municipality website	x
Billboard / physical display	

Radio	
Television	
Newspaper	
TikTok	
Instagram	x
Facebook	x
Nextdoor	x

Other	**See attachment 2**

16. Work plan

In your application submission, please attach a work plan that details the municipality's schedule, strategy for promoting the program and communications with potential participants – including example communications, program administration, and spending down the requested grant amount by 6/30/28.

see attachment 1 and 2

Example work plan structure:

Task description	Responsible person	Start date	Completion date

Evaluating applications

Program proposals will be evaluated based on the answers provided in the application form as well as the attached work plan. Strong applications will include clear answers to the questions in the application form and a thoughtful work plan that outlines strategies for structuring, administering, and promoting (if applicable) the program. For municipalities intending to conduct grant activities on municipal property, applications should include intended plans for device/landscape installation and estimated hours/cost of labor (whether being done by the municipality or a contractor).

In the event that funds requested exceed funds available, the following criteria will be used to determine the amount granted to a given municipality.

- Municipal residential per capita water use
- Municipal ratio of peak month to winter month water use
- Estimated water savings from proposed program

Additionally, municipalities may be asked to provide additional information and/or be awarded less than their requested grant amount if their application is lacking detail, a clear work plan, etc. In future grant cycles, a past participant's record of spending down their award may be used to inform award amounts.

Applications are due by April 17, 2026

Attachment 1 – Work Plan

Task description	Responsible person	Start date	Completion date
Submit grant application	City Engineer	4/17/2026	4/17/2026
Upon notice of award, obtain City Council/Mayoral approval and execute Grant Agreement with Met Council	City Engineer	6/8/2026	6/8/2026
Update website and application – go live 7/1/2026	City Engineer	4/17/2026	7/1/2026
Update other advertising media to promote the 2026-2028	Communications Team	4/17/2026	7/1/2026
Push advertising media (ongoing – see attachment 2)	Communications Team, City Engineer, and Sustainability Specialist	7/1/2026	6/30/2028
Monitor grant expenditures, answer resident questions, etc.	PW Admin Assistant	7/1/2026	6/30/2028
Receive and process application	PW Admin Assistant and Utility Billing	7/1/2026	6/30/2028
Process credit to water bill.	PW Admin Assistant and Utility Billing	7/1/2026	6/30/2028
Process check reimbursement (for equity apps)	PW Admin Assistant and Finance	7/1/2026	6/30/2028
Prepare, review, and submit quarterly reimbursement requests	City Engineer and PW Admin Assistant	10/1/2026	6/30/2028
Update website and Communications Team on status of funding	City Engineer and PW Admin Assistant	10/1/2026	6/30/2028

Attachment 2 – Communications Plan

The City of Roseville uses its trusted existing communication tools, including the print newsletter, Facebook, Nextdoor, Enews, the City website, and City News flashes, to advertise the grant efficiency rebates to the community. The City's three-person Community Relations Staff helps to execute the promotional campaign with assistance and oversight by the Roseville City Engineer and Public Works Staff.

1. **Website**: The City maintains a webpage dedicated to the rebate program https://cityofroseville.com/water-rebate. It includes program information and links to the application. A "Newsflash" advertising the program is also published on the City's main webpage Cityofroseville.com. The newsflash is an easy-to-read article with links to the program website. The website is updated to reflect the status of remaining funds (i.e. available, running low, no remaining, additional funds available, etc).
2. **Newsletter**: Roseville News is the City's official newsletter. The 8-page, full-color publication is printed 6 times a year and mailed to every address in the city free of charge. The City prints approximately 21,000 copies for each edition. According to the most recent resident survey, 90% of respondents said either they or a member of their household read the Roseville News. This program is in the newsletter roughly twice each year.
3. **Social Media - Facebook, Instagram, and Nextdoor**: The City of Roseville's Facebook account has 7,300 followers. The City regularly shares information on the efficiency rebates with graphics, logos, catchy language and links to the City website and application. The City's Sept. 8, 2025 post on the program attracted 13,187 views. The City's April 8, 2026 post has garnered 1,972 views (as of 4/14). The ad is pinned to the top of the Roseville account for maximum exposure.
4. **Enews**: Is a weekly email distributed to nearly 1,600 subscribers. The publication shares news about city programs, including the rebate program.
5. **Public Works Project Updates**: During the summer, weekly emails are sent about active construction projects in the city. A link to this program is included in at least one email yearly. There are currently 769 subscribers to this email.
6. **Sustainability Newsletter/Blog**: Our Sustainability Specialist has produced a bi-monthly email that includes articles and links to all things sustainable. There are currently 298 subscribers to that email. This program can be added to those emails.
7. **Tabling at Events**: Our Sustainability Specialist and a summer intern typically attend over 15 events each year. This program can have a QR code or flyer present on the table.
8. **Water Bills:** Text can be added to water bills at no additional cost or a flier can be added to a bill at an additional cost. These have been done in the past and may be utilized this cycle.

See the following pages for example articles, posts, etc.

Example Roseville Newsletter Article

ROSEVILLE

SEPT/OCT 2025



PAGE 3
Roseville Secures Grant to Combat Emerald Ash Borer



PAGE 4
The Vital Role of Roseville's Code Enforcement Team



City Offers Help for Appliance Upgrades, Sewer Improvements

Get up to a $300 rebate on your water bill for installing water-saving toilets, washing machines, dishwashers, showerheads, or irrigation controls. Additionally, properties meeting the Equity Criteria can get up to $600 for installing eligible toilets.

Learn more at CityofRoseville.com/water-rebates

If your sewer service is cracked, collapsed, or has roots growing in it, you may be eligible to receive a grant for 50-100% of the costs to repair or replace it, up to $10,000.

Learn more at CityofRoseville.com/sewer-service

Roseville is offering the programs in partnership with the Metropolitan Council. Both programs are first come, first served and are only available until funds are depleted.

Example Social Media Posts



City of Roseville, MN's Post

City of Roseville, MN
Published by Shannon Prather · April 8 at 3:34 PM ·

Save up to $600 on new energy-efficient appliances and toilets!

The city, in partnership with the Metropolitan Council and the Clean Water Land & Legacy Amendment, is offering up to $600 off your water bill if you upgrade or repair your irrigation system or replace your toilet, clothes washer, dishwasher, or showerhead.

New appliances must be ENERGY STAR-certified. New irrigation controllers, showerheads, and toilets must include the WaterSense label. Rebates are first-come, first-served. Visit the website to apply!

https://cityofroseville.com/.../Water-Efficiency-Rebate...

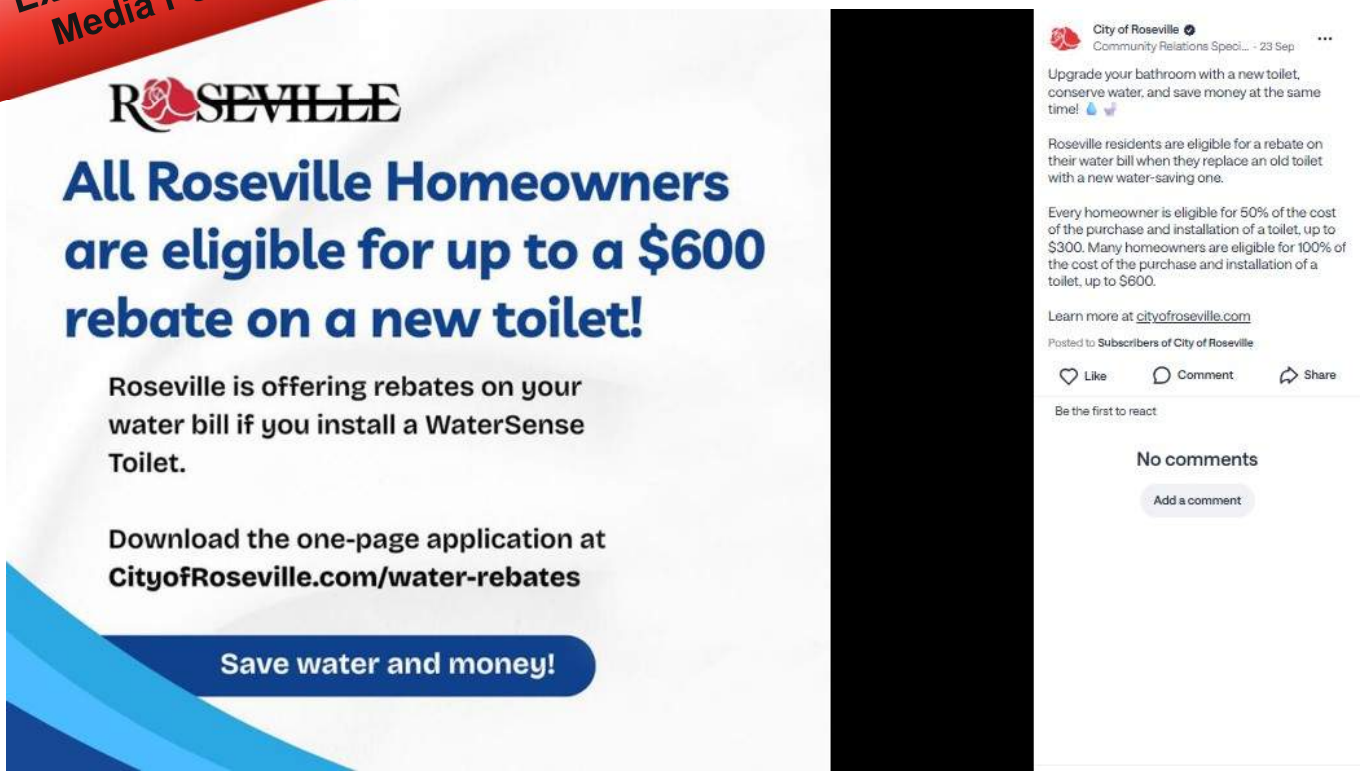
Funding for the Water Efficiency Rebate Program is Provided by the Following Partners:

ROSEVILLE METROPOLITAN COUNCIL CLEAN WATER LAND & LEGACY AMENDMENT

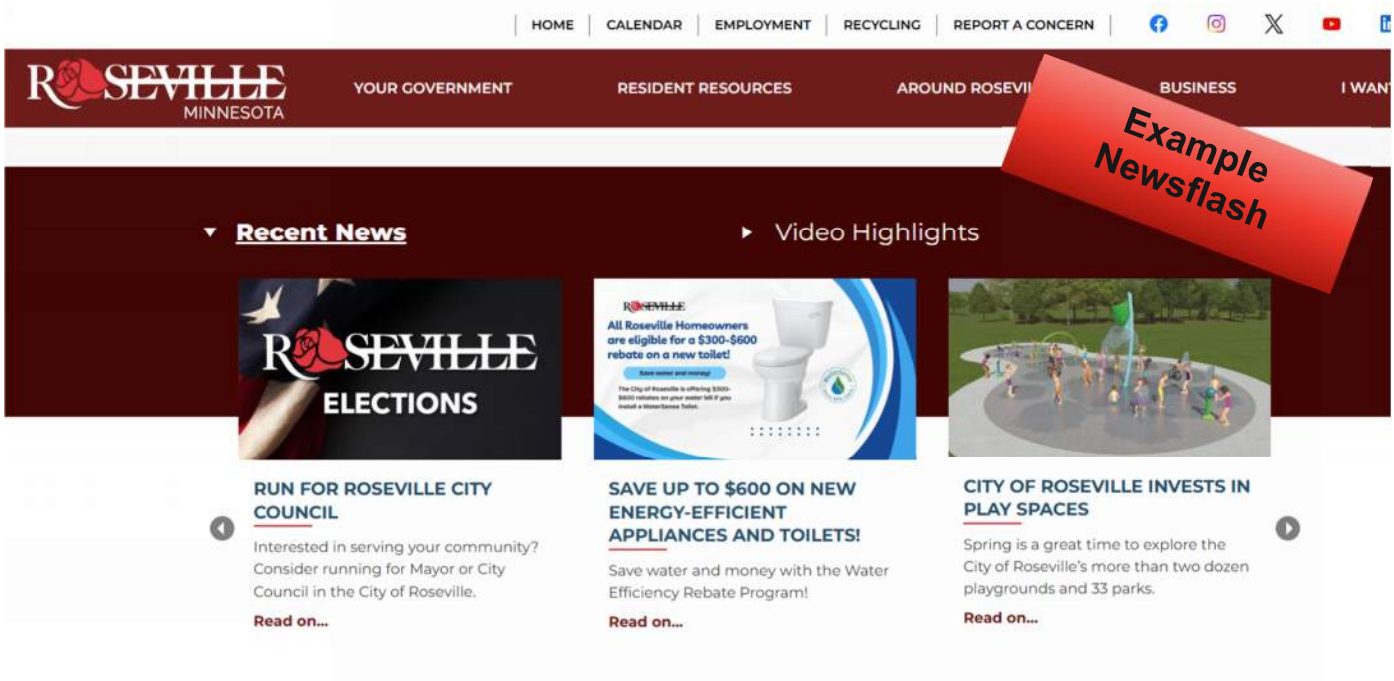
See insights and ads Boost post

7 1 1

Example Social Media Posts



Example Newsflash





Water Efficiency Rebate Program

More funding is now available! Rebate Programs End on June 30, 2026

We have received additional funding for the 2024-2026 Water Efficiency Rebate Program! Our Equity-Based Water Efficiency Rebate Program for toilets still has funding as well. However, funding is limited for both rebates, so apply soon!

To reduce water usage and increase efficiency, the City of Roseville, in partnership with the Metropolitan Council and the Clean Water Land & Legacy Amendment, is offering up to $300 off your water bill for upgrading/repairing your irrigation system (75% rebate) or replacing your toilet, clothes washer, dishwasher or showerhead (50% rebate). If toilet rebate applications meet the equity criteria, the rebate amount is up to $600 (100% rebate). Qualifying rebates will be awarded on a first-come, first-served basis.

Example E-News Posts

Save up to $600 on new energy-efficient appliances and toilets!

Public Works *Posted on April 08, 2026*

The city, in partnership with the Metropolitan Council and the Clean Water Land & Legacy Amendment, is offering up to $600 off your water bill if you:

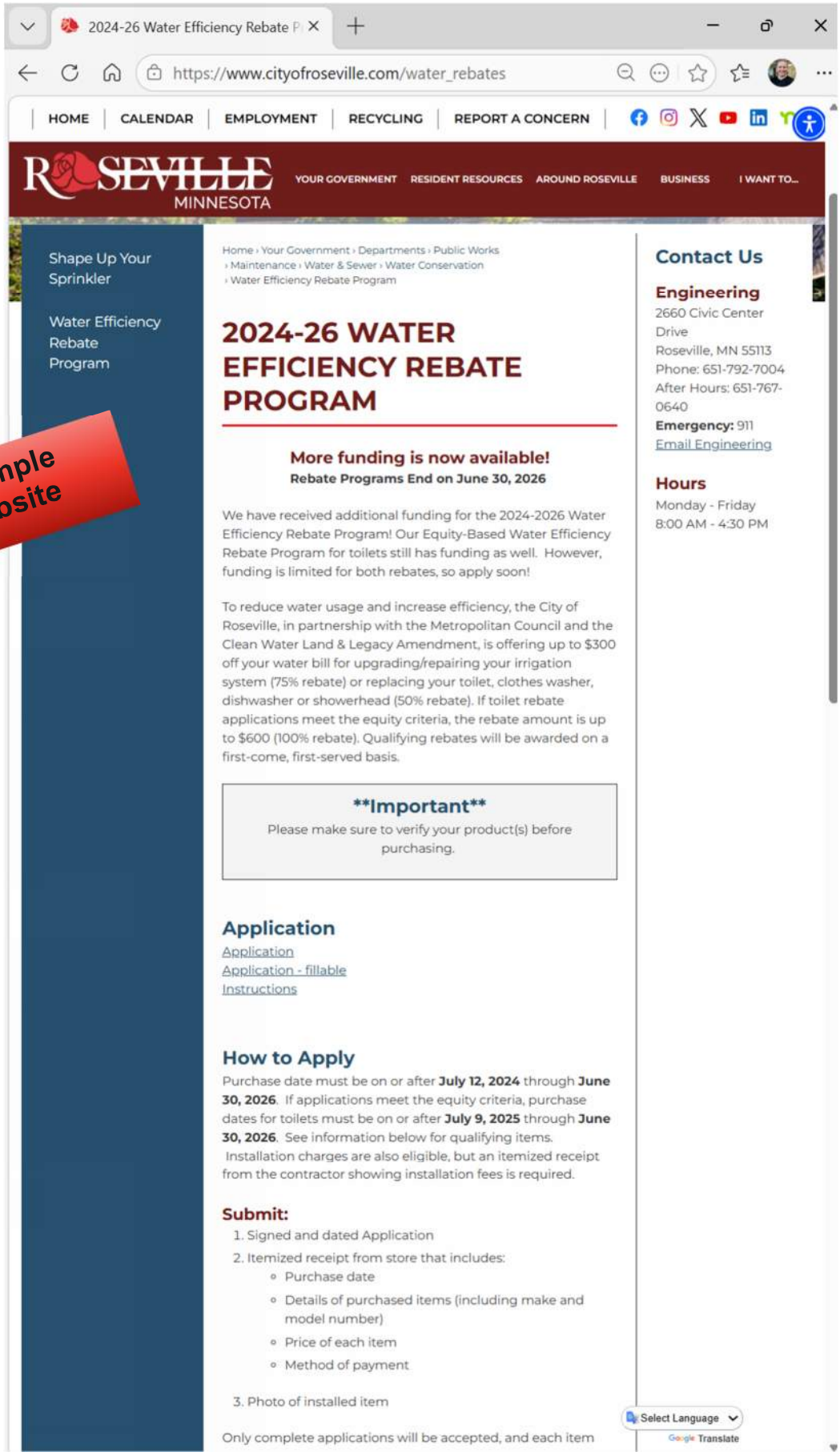
- Upgrade or repair your irrigation system (75% rebate)
- replace your toilet, clothes washer, dishwasher or showerhead (50% rebate or 100% for toilets if you meet the equity guidelines).



New appliances must be ENERGY STAR-certified. New irrigation controllers, showerheads, and toilets must include the WaterSense label. Rebates are first-come, first-served. Visit the website to apply and to check if money is still available.

Learn more at City of Roseville Public Works web page.

CLEAN WATER LAND & LEGACY AMENDMENT
METROPOLITAN COUNCIL
ROSEVILLE


2024-26 Water Efficiency Rebate P
https://www.cityofroseville.com/water_rebates
HOME
CALENDAR
EMPLOYMENT
RECYCLING
REPORT A CONCERN
ROSEVILLE MINNESOTA
YOUR GOVERNMENT
RESIDENT RESOURCES
AROUND ROSEVILLE
BUSINESS
I WANT TO...
Shape Up Your Sprinkler
Water Efficiency Rebate Program
Example Website
Home › Your Government › Departments › Public Works › Maintenance › Water & Sewer › Water Conservation › Water Efficiency Rebate Program
2024-26 WATER EFFICIENCY REBATE PROGRAM
More funding is now available!
Rebate Programs End on June 30, 2026
We have received additional funding for the 2024-2026 Water Efficiency Rebate Program! Our Equity-Based Water Efficiency Rebate Program for toilets still has funding as well. However, funding is limited for both rebates, so apply soon!
To reduce water usage and increase efficiency, the City of Roseville, in partnership with the Metropolitan Council and the Clean Water Land & Legacy Amendment, is offering up to $300 off your water bill for upgrading/repairing your irrigation system (75% rebate) or replacing your toilet, clothes washer, dishwasher or showerhead (50% rebate). If toilet rebate applications meet the equity criteria, the rebate amount is up to $600 (100% rebate). Qualifying rebates will be awarded on a first-come, first-served basis.
Important
Please make sure to verify your product(s) before purchasing.
Application
Application
Application - fillable
Instructions
How to Apply
Purchase date must be on or after July 12, 2024 through June 30, 2026. If applications meet the equity criteria, purchase dates for toilets must be on or after July 9, 2025 through June 30, 2026. See information below for qualifying items. Installation charges are also eligible, but an itemized receipt from the contractor showing installation fees is required.
Submit:
1. Signed and dated Application
2. Itemized receipt from store that includes:
Purchase date
Details of purchased items (including make and model number)
Price of each item
Method of payment
3. Photo of installed item
Only complete applications will be accepted, and each item
Contact Us
Engineering
2660 Civic Center Drive
Roseville, MN 55113
Phone: 651-792-7004
After Hours: 651-767-0640
Emergency: 911
Email Engineering
Hours
Monday - Friday
8:00 AM - 4:30 PM
Select Language
Google Translate

Only complete applications will be accepted, and each item above must be included to consider your application complete. **If an application is denied due to missing information, it will lose its place in line until all required items are submitted.**

Example Website Continued

Qualifying Items

Only specific makes and models are eligible for the rebate. If you are in doubt, please contact us to confirm your purchase would qualify at 651-792-7004.

The City is not responsible for product performance or water savings; no warranty or guarantee is provided.

- **Irrigation controllers** with WaterSense® labels use local weather data or a rain sensor to determine when and how much to water, reducing waste and improving plant health. Existing homes with existing irrigation systems are eligible, new homes are not. Look for the WaterSense® label and visit the WaterSense® website to look up eligible products.
- **Toilets** with WaterSense® labels use lower flows to eliminate waste and wasteful use of water. Existing homes are eligible for this rebate, new homes are not. Look for the WaterSense label and visit WaterSense®-labelled toilets to look up eligible products.
- **Showerheads** with WaterSense® labels use lower flows. Existing homes are eligible for this rebate, new homes are not. Look for the WaterSense label and visit WaterSense®-labelled showerheads to look up eligible products.
- **Clothes Washers** with ENERGY STAR-Certification can clean with less water and less energy. Existing homes are eligible for this rebate, new homes are not. Look for the ENERGY STAR label and visit ENERGY STAR-Certified clothes washers to verify it is still an eligible product.
- **Dishwashers** with ENERGY STAR-Certification can clean with less water and less energy. Existing homes are eligible for this rebate, new homes are not. Look for the ENERGY STAR label and visit ENERGY STAR-Certified dishwashers to verify it is still an eligible product.
- **Equity Criteria*:** you may get 100% back (up to $600) for a toilet if:
  - Your home's value is $290,300 or less (on Ramsey County's website), or
  - Your property is in an equity priority area as identified on the Equity Area Map.

**City staff will confirm your eligibility.*

Related Award Opportunity

After your installation, you have the opportunity to apply for Roseville's Sustainable Steward Award, which recognizes and rewards homeowners for incorporating sustainability and energy efficiency best practices in Roseville.d

Funding for the Water Efficiency Rebate Program is Provided by the Following Partners:

ROSEVILLE METROPOLITAN COUNCIL CLEAN WATER LAND & LEGACY AMENDMENT

Select Language Google Translate

EXHIBIT B: Grant program guidelines

2026 – 2028
METROPOLITAN COUNCIL WATER EFFICIENCY GRANT PROGRAM
GUIDELINES

updated 02 / 26 / 2026

1. Overview

The Metropolitan Council (Met Council) will implement a Water Efficiency Grant Program (WEGP) effective July 1, 2026 to June 30, 2028. Grants will be awarded on a competitive basis to municipalities that operate or are served by a municipal public water supply system.

In this program, municipalities design and operate their own rebate or grant programs, which are funded by the Met Council with pass-through funds from the Clean Water Land & Legacy Amendment. The Met Council will provide 80% of the program cost; the municipality must provide the remaining 20% of the program cost.

The WEGP focuses on grant activities that reduce existing water use at residential, commercial, and municipal properties. Met Council-approved grant activities include the replacement of specific water-using devices with more efficient alternatives, irrigation system audits, and the conversion of turfgrass to low-input, drought-tolerant landscapes at municipal properties. Residents and businesses participating in a municipality's program must be connected to municipal water.

Grants will be made available in amounts with a minimum of $5,000 and a maximum of $75,000. In the event that there are unused or returned funds, municipalities may apply for a grant amendment to increase their award beyond $75,000 (at the discretion of Met Council). Grantees will be required to submit quarterly reimbursement requests and provide actual or estimated water savings achieved through this program for Clean Water, Land & Legacy Amendment reporting purposes.

Grant program goal

The goal of the Water Efficiency Grant Program is to support technical and behavioral changes that improve municipal water use efficiency in the seven-county metropolitan area.

Changes for 2026-2028

Several changes to the WEGP have been made from past grant cycles. These changes are outlined in the bulleted list below.

- Maximum grant amount: $50,000 → $75,000
- Clearer guidelines for grant activity/device eligibility and property type
    - Faucets and faucet accessories added
    - Flushing urinals and flushometer-valve toilets added
    - Commercial clothes washers and commercial dishwashers added
- Met Council strongly encourages *(not a requirement)* that an irrigation system audit be conducted before the replacement of an irrigation controller or spray sprinkler bodies. An irrigation system audit from an Irrigation Professional certified by a US EPA WaterSense

program ensures the user has information for proper set-up and operation of their irrigation system.
- Municipal facility grant activity option added
  - Replacement of water using devices in municipal properties
  - Property turfgrass conversion/replacement
- Low-income cost assistance option added (additional $10,000 available to expand maximum grant amount to $85,000)
  - Full cost coverage for eligible residents on indoor water use devices
- Updated reporting form
- Standardized estimated water savings built into reporting for most grant activities (with option for municipalities to provide more specific water savings estimates)

Additional detail about the low-income cost assistance option, newly eligible devices/grant activities, and new eligibility requirements is provided in the following pages.

Critical points to remember

- The applying municipality must be served by a municipal public water supply system
- New construction and new developments are not eligible
- A portion of each eligible grant activity's cost must be paid by the property owner
- Funds are for rebates or grants only; consulting and city staff time are ineligible
- Grant recipients must display the Clean Water, Land and Legacy Amendment logo and the Metropolitan Council logo on program-related web pages and paper communications
- Applications are due April 13, 2026
- Funds must be spent down by June 30, 2028 (municipalities and Met Council will work together to monitor spending and adjust/reallocate funds as needed)
- Grant activities on municipal properties must supplement and not supplant dedicated municipal funding sources

2. Grant program structure

Administration and funding source

The 2026-2028 WEGP will be administered by the Met Council and will be funded with $1,400,000 appropriated by the 2025 Minnesota Legislature. Grant applications will be reviewed and scored by Metropolitan Council Water Resources staff.

Legislative Directive: Minnesota 2025 Session Law	*$650,000 the first year and $750,000 the second year are for grants that implement water demand reduction measures. The grants are to assist municipalities in the metropolitan area with implementing water demand reduction measures to ensure the reliability and protection of drinking water supplies.*

Grants will be awarded to municipalities in amounts ranging from $5,000 to $75,000 for providing rebates or grants to property owners and their renters. (An additional $10,000 will be available for Low Income Cost Assistance, as discussed below). Municipalities will be responsible for the design and operation of their rebate or grant program and its details. Grant payments to the municipality will be for 80% of approved program amounts. The municipality must provide the remaining 20% of the granted/rebated amount to the property owner. Municipality rebates or grants are eligible for reimbursement on device replacements and other approved grant activities conducted July 1, 2026

through June 30, 2028 (purchases of eligible devices or grant activities must be made on or after the day the grant agreement is fully executed).

Grant program components

Each municipality is expected to design their own program to whatever meets their community needs. Three potential components are residential/commercial grant activities, municipal grant activities, and low-income cost assistance for residential properties.

Municipalities may include any combination of property type and grant activity offering in their program design. Program design has varied by municipality among past participants, with some focusing on a single type of device replacement such as toilets, and others offering a range of options. In the application form and work plan, municipalities will be asked to lay out the grant activities and property types that would be included in the proposed program. While past grant cycles have occasionally included participants pursuing commercial- and municipal-focused grant activities, the 2026-2028 WEGP guidelines more clearly define, and expand, the options available to municipalities that are interested in designing commercial- or internal-facing programs.

Residential and/or commercial grant activities

Municipalities may choose to design their programs to include grant activities at residential and commercial properties. This the most common approach among participating communities. The participating community selects which devices or other approved grant activities (irrigation audits) to offer to residents or businesses within the municipality. The participating community also determines how much of an eligible grant activity's cost is covered by the program. Property owners must pay a portion of the eligible grant activity's cost.

Eligible grant activities for residential and commercial properties are listed in the table in the Eligible Grant Activities section.

Municipal grant activities

Municipalities may also choose to design their programs to include grant activities occurring on municipal properties. Grant activities eligible for municipal properties are device replacements, irrigation system audits, and the conversion of existing turfgrass to low-input landscaping/drought-tolerant alternative turf. Municipalities that choose to conduct grant activities on municipal properties shall provide measured water savings (ideally) or calculated water savings estimates. These municipalities will also be required to display signage near the grant activity areas that includes the Metropolitan Council and Clean Water Fund logos as well as an explanation of the work done. Participating municipalities must cover the 20% "municipal match" as normal.

This funding is intended to promote and supplement funding for device replacement or turf grass conversion efforts. It is not intended to supplant dedicated municipal funding sources for projects.

Eligible grant activities for municipal properties are listed in the table in the Eligible Grant Activities section.

Low-income cost assistance grant activities

Municipalities operating a residential-facing rebate or grant program may elect to include a low-income cost assistance option in their program. Residents or households who meet a certain income threshold are eligible to receive full cost coverage* for the replacement of one indoor water-using device (toilet, clothes washer, dishwasher, showerhead, or faucet/faucet accessory) with a WaterSense or Energy Star alternative. If a municipality decides to offer the low-income cost assistance option, they can apply for an additional $10,000 (max grant amount of $85,000).

Municipalities that choose to include this option in their residential rebate or grant programs will be required to verify resident eligibility. No municipal match will be required. Residents are eligible for this cost assistance element if:

- The resident is enrolled in a county assistance program
  - Hennepin County Water Assistance Program
  - Ramsey and Washington Counties Water Bill Assistance
  - Scott, Carver, Dakota Counties Energy Assistance Program
    - Scott County Financial Assistance
    - Carver County Emergency Programs
    - Dakota County Emergency Assistance
  - Anoka County Energy Assistance
- The resident is enrolled in SNAP benefits

Eligibility for low-income cost assistance can be verified with appropriate paperwork showing participation in one of the above programs.

*Cost of device and installation is fully covered by Met Council up to:

- $550 for toilets
- $1200 for clothes washers
- $1200 for dishwashers
- $100 for showerheads
- $100 for faucets and faucet accessories

Application funding request

The application form will include a table like the one below, where applying municipalities will lay out their funding request. Row A is the requested grant amount, which covers grant activities at any combination of property types and makes up 80% of the traditional grant program subtotal. Row B is the required municipality match of 20% of the traditional grant program subtotal. Row C is the traditional grant program subtotal. In Row D, applying municipalities may enter the low-income cost assistance amount they expect to spend. The funds in Row D do not require a municipality match. Row E is the sum of Rows C and D.

A	**Requested grant amount for residential, commercial, or municipal grant activities (funding from Met Council)** (80% of traditional grant program subtotal):	**$16,000**
B	**Required municipality matching amount** (20% of traditional grant program subtotal):	**$4,000**
C	**Traditional grant program subtotal** (sum of Met Council grant amount and required municipality match):	**$20,000**

D	*(OPTIONAL)* **Low-income cost assistance requested amount (funding from Met Council)** (100% covered by Met Council funds):	**$5,000**

E	**Total program budget** (sum of traditional grant program subtotal and low-income cost assistance funds):	**$25,000**

**in cases where municipalities have opted in to the low-income cost assistance element, the percent covered by Met Council may exceed 80%*

Eligibility

Requirements for applying municipalities

This grant program is limited to municipalities in the seven-county metropolitan area that operate or are served by a municipal public water supply system.

Grants are only for water efficiency programs offering rebates or grants to property owners and their renters who are customers of the municipal water supply system and who replace specified water-using devices with approved devices that use substantially less water (or conduct other grant activities such as irrigation audits or, for municipalities, turfgrass conversion). In municipalities where only some neighborhoods or areas are served by a municipal public water supply system, only those served by the municipal public water supply system are eligible.

Municipalities eligible per above must apply to participate and, if approved, sign a Met Council Grant Agreement, before any eligible rebates or grants can be submitted for reimbursement. Agreements shall require that municipalities:

- Entirely pass through grants received (as is being done by Met Council)
- Verify purchase of devices or other grant activities to receive grants
- Retain records and cooperate with any audits
- Conduct all communications with property owners and ensure all written communications to property owners include both the Clean Water, Land and Legacy Amendment and the Metropolitan Council's logo
- Provide quantitative information for state reporting purposes

Eligible grant activities

The table below walks through the approved grant activities in the WEGP. Included in the table is information related to the property type (residential, commercial, municipal) where grant activities occur as well as information about estimated water savings. Expenses eligible for reimbursement are the out-of-pocket cost of the device and its installation only, not to include any owner labor costs. In addition, new construction and new developments are ineligible as this program is intended as a current infrastructure replacement program.

	Eligible grant activity (with hyperlink to product lookup tool)		Estimated water savings
Indoor water use	Toilets	**Residential toilet** replacement with a WaterSense labeled residential toilet	13,000 gallons per year (source)
		Commercial / Municipal toilet replacement with a WaterSense labeled commercial toilet	790 gallons when replacing a 1.6gpf model and 5,500 when replacing a 3.5gpf model
		Commercial / Municipal urinal replacement with a WaterSense labeled urinal	4,600 gallons per year (source)
	Clothes washing machines	**Residential clothes washing machine** replacement with an Energy Star labeled residential clothes washer	2,700 gallons per year (based on WRF average clothes washer use and Energy Star estimated percent savings)
		Commercial clothes washing machine replacement with an Energy Star labeled commercial clothes washer	45% less water than standard models (source)
	Dishwashers	**Residential dishwasher** replacement with an Energy Star labeled residential dishwasher	8,400 gallons per year (source)
		Commercial dishwasher replacement with an Energy Star labeled commercial clothes washer	5,600 gallons per year (source)
	Showerhead replacement with a WaterSense labeled showerhead		2,700 gallons per year (source)
	Faucet replacement or faucet accessory with a WaterSense labeled faucet or faucet accessory		700 gallons per year (source)

Outdoor water use	**Irrigation system audit** by an Irrigation Professional certified by a US EPA WaterSense program		See report from Irrigation Professional who conducted audit
	Irrigation controllers *(Met Council strongly encourages an irrigation system audit before the installation of a new smart controller)*	**Irrigation controller** replacement with a WaterSense labeled **weather-based controller** (this type of controller is most common)	7,600 gallons per year (source)
		Irrigation controller replacement with a WaterSense labeled **soil moisture-based controller**	15,000 gallons per year (source)
	Irrigation spray sprinkler body replacement with a WaterSense labeled spray sprinkler body *(Met Council strongly encourages an irrigation system audit before the installation of new spray sprinkler bodies)*		5,600 per year (for an average household using 50,500 gallons outdoors, operating at or above 60 pounds per square inch) (source)
	Turfgrass conversion/replacement to a low-input, drought-tolerant landscape at municipal properties ***(Municipal properties only)***		Refer to municipality's pre- and post-replacement water use to calculate water savings. If unable to measure specific water use, municipality will provide estimated annual water savings with explanation of calculation.

Please note, the Met Council strongly encourages an irrigation system audit be conducted before the replacement of an irrigation controller or spray sprinkler bodies. An initial audit ensures the user has information for proper set-up and operation of their irrigation system.

Quarterly reporting

Reporting requirements and payment process

Utilizing a reporting form provided by Met Council, the following information about each grant activity must be reported on a quarterly basis:

- Property address and property type (residential, commercial, municipal)
- Low-income assistance (Y/N) (if applicable)
- Grant activity (device replacement, audit, or municipal turfgrass conversion)
- Brand/model info of new device
- Purchase date (must be on or after effective date of grant agreement)
- Cost per device/approved grant activity
- Number of devices/activities
- Rebate or grant per device
- Estimated annual gallons of water saved per device installation/approved grant activity
- Optional notes column for explaining water use calculations if different from those provided
- Municipality matching funds disbursed
- Number of unmet funding requests from property owners, if any

Municipalities are required to submit a signed and dated quarterly reporting form as well as a PDF(s) of receipts corresponding to each entry in the quarterly reporting form.

Upon review and confirmation of the above information, Met Council will process a grant payment in the amount of 80% of approved total rebates or grants for the reporting period (in cases where municipalities have opted in to the low-income cost assistance element, the percent covered by Met Council may exceed 80%).

Met Council will provide confirmation of grant balances available upon request and reserves the right to amend grant agreements, in collaboration with grantee municipality, if quarterly reporting indicates rebate or grant programs will not fully utilize grant awards within the grant period.

Determining estimated water savings

Annual water savings estimates may come from a variety of sources. Manufacturers may include water savings estimates in their device descriptions or specifications, irrigation professionals report estimated savings after performing an irrigation system audit, and some past participants of the WEGP have calculated specific water savings estimates based on factors such as household size.

Unless a city has specifically calculated estimated water savings or is referring to manufacturer or audit estimates, the recommended sources for estimated water savings are WaterSense and Energy Star. Water savings estimates from WaterSense and Energy Star are included in the table of eligible grant activities.

In quarterly reports, municipalities will be asked to note the source of their estimates if they different from the estimates provided above. In the case of irrigation system audits and turfgrass conversion on municipal properties, estimates have not been provided by Met Council as these metrics will be calculated by an Irrigation Professional or the municipality, respectively. In any situation where it is possible to report actual water savings, this is preferred.

3. Application process

Application requirements

The application window for the 2026-2028 Water Efficiency Grant Program will open on Friday, March 13, 2026. Applications are due by Monday, April 13, 2026. The application form will be available on the Met Council website.

Required information in the application form includes:

  - the municipality's rebate or grant program design and work plan
  - proposed examples of communications to property owners
  - requested total grant amount
  - estimated annual amount of water saved by the applying municipality
- Application form is available at: https://metrocouncil.org/Wastewater-Water/Funding-Finance/Available-Funding-Grants.aspx
- Submit competed application to: henry.mccarthy@metc.state.mn.us
- Metropolitan Council will notify municipalities of grant awards in approximately May 2026

Evaluating applications

Program proposals will be evaluated based on the answers provided in the application form as well as the attached work plan. Strong applications will include clear answers to the questions in the application form and a thoughtful work plan that outlines strategies for structuring, administering, and promoting (if applicable) the program. For municipalities intending to conduct grant activities on municipal property, applications should include intended plans for device/landscape installation and estimated hours/cost of labor (whether being done by the municipality or a contractor).

In the event that funds requested exceed funds available, the following criteria will be used to determine the amount granted to a given municipality:

- Municipal residential per capita water use
- Municipal ratio of peak month to winter month water use
- Estimated water savings from proposed program

Additionally, municipalities may be asked to provide additional information and/or be awarded less than their requested grant amount if their application is lacking detail, a clear work plan, etc. In future grant cycles, a past participant's record of spending down their award may be used to inform award amounts.

EXHIBIT C: Grant amendment form

Revision # ☐

METROPOLITAN COUNCIL ENVIRONMENTAL SERVICES

2026-2028 CLEAN WATER FUND WATER EFFICIENCY GRANT PROGRAM

GRANT AMENDMENT FORM

NOTICE TO RECIPIENT: Submission of this form is required to modify the Maximum Grant Amount in your Grant Agreement with Metropolitan Council 2026-2028 Clean Water Fund Water Efficiency Grant Program (Grant Program).

After determination of your municipality's Maximum Grant Amount, completion and submission of this form is necessary when 1) you are requesting additional grant funds to meet unexpected rebate or grant demand, or 2) when your municipality has determined that the previously approved program's rebate or grant demand will not be met, requiring less grant funds than anticipated when the agreement was signed, or 3) when your municipality wishes to substantially change the structure of its program from what was described in the application form and the work plan supplied in the application form.

The process for modifying your Grant Agreement is as follows:

1. Your municipality's authorized representative submits one signed copy of Exhibit C to the Met Council, with any additional information requested by Met Council.
2. Upon receipt and any Met Council approval of signed Exhibit C, the Met Council's authorized representative will obtain Met Council authorized signatures returns a fully executed copy of Exhibit C indicating the new Maximum Grant Amount to Municipality's designated authorized representative.

Instructions: Indicate the date of your change request in #1 box. Indicate the number of this particular change request in #2 box (and in box at top of page – must match). Enter the current grant agreement amount (as Met Council approved) in #3 box. If you wish to <u>increase</u> your municipality's grant amount, enter the amount you are requesting in #4 box. If you wish to decrease your grant amount due to less demand than anticipated, enter the amount in #5 box. Enter in #6 box the amount derived from adding #3 to #4 or derived from subtracting #5 from #3. If you do not wish to modify your municipality's Maximum Grant Amount, leave boxes #4, #5, and #6 blank or enter "N/A." If you wish to secure approval for changes to the scope of the approved project in the Water Efficiency Grant Program application form, please document the reasons for the amendment in box #7. Please specify what changes are desired in box #8. Please note that all other requirements as found in the Grant Agreement continue to apply.

Grant Agreement #

1. Date of change request:

2. Change request number:

3. Current Grant Agreement Amount (as Met Council approved):

4. Increase due to request for additional funding:

5. Decrease due to less demand:

6. Amended Maximum Grant Agreement Amount requested:

7. Reasons for modifying program structure:

8. Proposed changes to program structure:

MUNICIPALITY NAME:_____

MUNICIPALITY AUTHORIZED REPRESENTATIVE (signature and date):

METROPOLITAN COUNCIL PROGRAM ADMINISTRATOR APPROVAL (signature and date):

METROPOLITAN COUNCIL AUTHORIZED SIGNATURE AND DATE

Questions may be directed to the Met Council Authorized Representative:

FUTURE MEETING AGENDA HIGHLIGHTS

June 15, 2026

July 6 – City Council Meeting

- Kiwanis Peanut Day
- Discuss Leaf Site Closure
- Consider Approval of Climate Equity Action Plan
- Consider ROW vacation Hyde Development (PIK property)

July 13 – City Council Work Session

- Discuss 2027 Budget

July 20 – EDA Meeting

- Continue Discussion on 2027 EDA Budget
- Receive Update on Rental Assistant Program Update
- Receive Recommendations on use of LAHA Funds

July 20 – City Council Meeting

- Receive Presentation on Victoria St. Pathway Project from Ramsey County
- Joint Meeting with PWET Commission
- Receive Results of Community Survey

June Events

- June 17 – Discover Your Parks (DYP) – Valley Park – 6:30 pm
- June 22- 28 Rosefest
  - June 22 – Rosefest Parade – 6:15 pm
  - June 24 – DYP – Superhero Carnival – Langton Lake Park – 6:00 pm
  - June 25 – Taste of Rosefest – 5:00 pm
  - June 27 – Party in the Park – Central Park – 3-11 pm

August Meetings

- August 10 – City Council Meeting
- August 19 - Special City Council Meeting to Interview Commission Applicants (if needed)
- August 24- City Council Meeting