



RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

March 2026 Board Packet



Agenda





Regular Board Meeting Agenda

Wednesday, March 4, 2026

6:30 PM

This month's meeting will be held at the district office (2665 Noel Drive, Little Canada, MN) and via Zoom. Board members, staff, consultants, and the general public can join in person OR via video and/or phone. The public can listen to the meeting but not participate, except during the visitor comments portion of the agenda. Instructions for joining the Zoom meeting are available after the agenda.

1. Call to Order – 6:30 PM
2. **Approval of Agenda (pg. 3)**
3. **Ramsey-Washington Metro Watershed District Board of Managers Oath of Office (pg. 7)**
4. **Consent Agenda: All items to be approved with one motion unless removed from the consent agenda for discussion.**
 - A. Approval of Board Workshop Minutes February 4, 2026 (pg. 13)
 - B. Approval of Regular Meeting Minutes February 4, 2026 (pg. 14)
 - C. Treasurer's Report and Bill List (pg. 19)
 - D. Regulatory Program
 - i. 26-07 Sunrise Park Parking Addition, White Bear Lake (pg. 33)
 - E. Stewardship Grant Program
 - i. 26-06 CS Gallery 96 Bicycle Tunnel Mural (pg. 38)
 - ii. 26-07 CS Southwind HOA Phase 2 (pg. 39)
5. Visitor Comments (limited to 4 minutes each)
6. Regulatory Program
 - A. Applications – see consent agenda
 - B. Regulatory Monthly Memorandum (pg. 42)
7. Stewardship Grant Program
 - A. Applications – see consent agenda
 - B. Budget Status Update (pg. 48)
8. Action Items
 - A. **Board of Managers Annual Meeting (pg. 50)**
 - B. **Gustavus Adolphus Targeted Retrofit Project Approval of Plans and Authorization to Advertise for Bid (pg. 64)**
 - C. **Thirty Twenty Estates Targeted Retrofit Project Approval to Solicit Quotes (pg. 86)**
9. Attorney Report
10. Board Discussion Topics
11. New Reports and/or Presentations
 - A. [2026 Project Story Map Update and Overview](#) – no packet materials
12. Administrator's Report (pg. 99)
 - A. Meetings Attended
 - B. Upcoming Meetings and Dates
 - C. Staff Anniversaries

- D. Board Action Log
 - E. Payroll Issues
 - F. Minnesota Watersheds Updates
13. Project and Program Status Reports (*pg. 103*)
- Project Feasibility Study*
 - A. Chloride Reduction Study
 - B. Tanners Lake, Battle Creek Lake, and Battle Creek Resiliency Feasibility Study
 - C. RWMWD Stormwater Model Updates
 - D. Studies Stemming from Creek Walks
 - E. Battle Creek Subwatershed Feasibility Study
 - F. Street Sweeping
 - Monitoring Water Quality/Project Monitoring*
 - G. Water Quality Monitoring
 - H. Annual Water Quality Report Assistance
 - I. Special-Project BMP Monitoring
 - Watershed Management Plan Update*
 - J. Watershed Management Plan Update, Phase 3: Draft Plan Development
 - Lake Studies and TMDL Reports*
 - K. 2026 Grant Applications
 - L. Total Maximum Daily Load(TMDL) Reporting Assistance
 - Project Operations*
 - M. 2026 Tanners Alum Facility Monitoring
 - N. Beltline and Battle Creek Gopher State One Call Utility Locates
 - Capital Improvements*
 - O. 2026 Targeted Retrofit Projects
 - P. Kohlman Creek Flood Risk Reduction Projects
 - Q. Wakefield Lake Aeration
 - CIP Project Repair and Maintenance*
 - R. Routine CIP Inspection and Unplanned Maintenance Identification
 - S. 2026 CIP Maintenance and Repairs
 - T. 2026 Vegetation Maintenance Program
 - U. RWMWD Office Exterior Improvements
 - Program Updates*
 - V. Natural Resources Program
 - W. Communications and Engagement Program
 - X. Community Advisory Committee
14. Manager Comments and Next Month's Meeting
15. **Adjourn**



RAMSEY-WASHINGTON

METRO WATERSHED DISTRICT

NOTICE OF REGULAR BOARD MEETING

Wednesday, March 4, 2026

6:30 PM

Hybrid Meeting: In-Person and Web Conference

This month's meeting will be held at the District office (2665 Noel Drive, Little Canada, MN) AND via the video conferencing platform Zoom. Board members, staff, consultants, and general public will be able to join in person or via Zoom. The public will be able to listen to the meeting but not participate with the exception of the visitor comments portion of the agenda. Visitor comments may be given in person or via Zoom. Instructions for joining in on the Zoom meeting can be found below.

To access the meeting via webcast, please use this link: <https://us02web.zoom.us/j/85956726044>

The meeting room will open at 6:20 pm with the meeting starting at 6:30 pm. To connect to audio, you may choose to use your computer audio options or you may use your mobile device to call. The phone access number is **(312) 626-6799**. The Meeting ID is **859 5672 6044**. The meeting password is **668111**. If you have any questions, please contact Tina Carstens at tina.carstens@rwmwd.org.

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Oaths of Office

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RAMSEY-WASHINGTON METRO WATERSHED DISTRICT
RAMSEY AND WASHINGTON COUNTIES, MINNESOTA

STATE OF MINNESOTA)
) ss.
COUNTY OF WASHINGTON)

OATH OF OFFICE

I, **Gabrielle Grogan**, do solemnly swear that I support the Constitution of the United States, the Constitution of the State of Minnesota, and that I will faithfully, justly, and impartially discharge the duties of the office of Manager of the Ramsey-Washington Metro Watershed District, Ramsey and Washington Counties, Minnesota, to the best of my judgment and ability.

Dated: _____

Gabrielle Grogan

RAMSEY-WASHINGTON METRO WATERSHED DISTRICT
RAMSEY AND WASHINGTON COUNTIES, MINNESOTA

STATE OF MINNESOTA)
) ss.
COUNTY OF WASHINGTON)

OATH OF OFFICE

I, **BENJAMIN KARP**, do solemnly swear that I support the Constitution of the United States, the Constitution of the State of Minnesota, and that I will faithfully, justly, and impartially discharge the duties of the office of Manager of the Ramsey-Washington Metro Watershed District, Ramsey and Washington Counties, Minnesota, to the best of my judgment and ability.

Dated: _____

Benjamin Karp

RAMSEY-WASHINGTON METRO WATERSHED DISTRICT
RAMSEY AND WASHINGTON COUNTIES, MINNESOTA

STATE OF MINNESOTA)
) ss.
COUNTY OF WASHINGTON)

OATH OF OFFICE

I, **MARK GERNES**, do solemnly swear that I support the Constitution of the United States, the Constitution of the State of Minnesota, and that I will faithfully, justly, and impartially discharge the duties of the office of Manager of the Ramsey-Washington Metro Watershed District, Ramsey and Washington Counties, Minnesota, to the best of my judgment and ability.

Dated: _____

Mark Gernes

RAMSEY-WASHINGTON METRO WATERSHED DISTRICT
RAMSEY AND WASHINGTON COUNTIES, MINNESOTA

STATE OF MINNESOTA)
) ss.
COUNTY OF WASHINGTON)

OATH OF OFFICE

I, **STEPHANIE WANG**, do solemnly swear that I support the Constitution of the United States, the Constitution of the State of Minnesota, and that I will faithfully, justly, and impartially discharge the duties of the office of Manager of the Ramsey-Washington Metro Watershed District, Ramsey and Washington Counties, Minnesota, to the best of my judgment and ability.

Dated: _____

Stephanie Wang

RAMSEY-WASHINGTON METRO WATERSHED DISTRICT
RAMSEY AND WASHINGTON COUNTIES, MINNESOTA

STATE OF MINNESOTA)
) ss.
COUNTY OF WASHINGTON)

OATH OF OFFICE

I, **VAL EISELE**, do solemnly swear that I support the Constitution of the United States, the Constitution of the State of Minnesota, and that I will faithfully, justly, and impartially discharge the duties of the office of Manager of the Ramsey-Washington Metro Watershed District, Ramsey and Washington Counties, Minnesota, to the best of my judgment and ability.

Dated: _____

Val Eisele



Consent Agenda





RAMSEY-WASHINGTON

METRO WATERSHED DISTRICT

Ramsey-Washington Metro Watershed District Minutes of Special Board Workshop Meeting February 4, 2025

The Special Board Workshop Meeting of February 4, 2025, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, at 5:00 p.m.

PRESENT:

Val Eisele, President
Mark Gernes, Secretary
Ben Karp, Vice President
Stephanie Wang, Treasurer
Gabi Grogan, Manager (Virtual)

ABSENT:

ALSO PRESENT:

Staff:

Tina Carstens, District Administrator
Paige Ahlborg, Assistant Administrator
Eric Korte, Monitoring Program Manager
Paul Erdmann, Natural Resources Program Manager

Consultants:

Erin Anderson Wenz, Barr Engineering
Brandon Barnes, Barr Engineering

Visitors:

1. CALL TO ORDER

President Eisele called the special board workshop to order at 5:00p.m.

3. DISCUSS MISSION STATEMENT

Tina Carstens provided an overview of the current mission statement and the discussion around updating it.

The Board discussed the current mission statement and the wording they felt should be included in the updated statement to accurately reflect the District's work.

4. CORE PRINCIPLES

The Board discussed the language of the core principles to be included in the updated 2027 management plan.

President Eisele stated that he could see a few areas where the wording could be optimized and merged to give a clearer representation of the District's core principles.

5. PRIORITY ISSUES

Erin Anderson Wenz reviewed the priority issues discussed at the December 2025 workshop. Erin also discussed the revised table of contents, the level 1 and level 2 issues in the Issues and Goals section, and how they will be presented in the management plan.

6. FEEDBACK AND NEXT STEPS

Erin Anderson Wenz provided details of the next steps in the Watershed Management plan update process. Erin stated that more information on the goals section would be brought back to the Board for review at a future meeting.

7. ADJOURN

The meeting was adjourned at 5:56 pm.



**Ramsey-Washington Metro Watershed District
Minutes of Regular Board Meeting
February 4, 2026**

The Regular Meeting of February 4, 2026, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, and via Zoom web conferencing at 6:30 p.m. A video recording of the meeting is available at https://youtu.be/0rPvH5L1q_8. Video time stamps are included after each agenda item in minutes.

PRESENT:

Val Eisele, President
Ben Karp, Vice President
Mark Gernes, Secretary
Stephanie Wang, Treasurer
Gabi Grogan, Manager (Virtual)

ABSENT:

ALSO PRESENT:

Staff:

Tina Carstens, Administrator
Paige Ahlborg, Assistant Administrator
Nicole Maras, Regulatory Program Manager
Mary Fitzgerald, Regulatory Specialist
Kendra Kloth, Regulatory Technician
Dave Vlasin, Project Coordinator
Ashlee Ricci, Grant Program Specialist
Eric Korte, Monitoring Program Manager

Consultants:

Laurann Kirschner, Attorney for District
Tori Kelm, Galowitz-Olson PLLC
Brandon Barnes, Barr Engineering

Visitors:

Dave Nash, Alliant Engineering
Deb Ridgeway, DR Horton

1. CALL TO ORDER

The meeting was called to order by President Eisele at 6:30 p.m.

2. APPROVAL OF AGENDA (0:11)

Motion: Manager Karp moved, Manager Gernes seconded to approve the agenda. A roll call was performed:

Manager Karp – Aye
Manager Gernes – Aye
Manager Wang – Aye
Manager Grogan – Aye
President Eisele – Aye
Motion approved.

3. CONSENT AGENDA (0:34)

- A. Approval of Regular Meeting Minutes January 7, 2026
- B. Treasurer’s Report and Bill List
- C. Stewardship Grant Program
 - i. 26-01 CS Owasso Heights Townhomes Phase 2

- ii. 26-02 CS Quest
- iii. 26-03 CS Woodbury 2026 Street Sweeping
- iv. 26-05 CS White Bear Lake 2026 Street Sweeper

Motion: Manager Wang moved, Manager Gernes seconded to approve the consent agenda. A roll call was performed:

Manager Karp – Aye
Manager Gernes – Aye
Manager Wang – Aye
Manager Grogan – Aye
President Eisele – Aye
Motion approved.

4. VISITOR COMMENTS (03:12)

No comments.

5. REGULATORY PROGRAM (03:31)

A. Applications

i. 26-06 Century Ponds, Maplewood

Nicole Maras provided details of permit application 26-06 Century Ponds, Maplewood. Nicole noted that wetlands and constructed ponds were identified on the site. Nicole explained that the historical wetlands are all to be preserved. Nicole stated there was a variance request for temporary and permanent buffer disturbances. Nicole provided additional details on the proposed impact on the buffers.

Deb Ridgeway provided details of the project and grounds maintenance plans, including the development plan and timeline.

Dave Nash provided additional information on retaining walls, stormsewer plans, and pipe outlets.

Manager Gernes stated his concern with the disturbance to the buffers and use of turf grass.

Deb Ridgeway provided more details on the use of turf grass during development.

Manager Gernes expressed his concerns over what affects the requested variance would have on the wetlands.

Motion: Manager Karp moved, Manager Gernes seconded to approve permit application 26-06 Century Ponds, Maplewood. A roll call was performed:

Manager Karp – Aye
Manager Gernes – Nay
Manager Wang – Aye
Manager Grogan – Aye
President Eisele – Aye
Motion approved.

B. Regulatory Monthly Memorandum

Nicole Maras provided details of the monthly regulatory memorandum. Nicole discussed the Wetland Professionals Symposium and the information the Regulatory team learned there.

C. BMP Maintenance Program Update

Mary Fitzgerald provided an overview of the Regulatory program team and the number of closed permit BMPs within the District.

Kendra Kloth discussed the barriers to inspecting the permit BMPs which included communication breakdown, focusing on active sites over closed permits, and staff time constraints. Kendra reviewed the 2025 Regulatory program goals. Kendra highlighted the new page added to the District website which can be used by landowners to submit annual inspection reports.

Mary Fitzgerald provided additional details of the new web page and how it has been working. Mary noted they had seen thorough submittals coming from the website. Mary stated that the use of blast emails and the new webpage had been successful thus far.

Kendra Kloth highlighted successes of the Regulatory program in 2025 which included on-site meetings with landowners and public organizations, presentations with maintenance staff and providing guidance via email & phone.

Mary Fitzgerald discussed the Regulatory program goals for 2026.

6. STEWARDSHIP GRANT PROGRAM (58:00)

A. Applications

i. 26-02 CS Pioneer Park Pond Buffer Restoration

Ashlee Ricci provided details of the Stewardship Grant application 26-02 CS Pioneer Park Pond Buffer Restoration. Ashlee stated that the native buffers were eligible for 50% coverage up to a total of \$15,000. Staff recommends funding \$15,000 per phase for a total not to exceed \$45,000. Ashlee explained that the City of Little Canada is planning to complete all phases at once due to cost and potential risks to the resource.

Motion: Manager Gernes moved, Manager Karp seconded to approve grant application CS 26-02 CS Pioneer Park Pond Buffer Restoration. A roll call was performed:

Manager Karp – Aye
Manager Gernes – Aye
Manager Wang – Aye
Manager Grogan – Aye
President Eisele – Aye
Motion approved.

B. Budget Status Update

Ashlee Ricci provided an update on the budget status report.

7. ACTION ITEMS - None

8. ATTORNEY REPORT (1:04:33)

Tori Kelm provided information on the work the attorney's office completed throughout the month of January, including the publishing of notices for bid for professional services. Tori noted that those bids would be presented to the Board at the March meeting.

9. BOARD DISCUSSION TOPICS (1:05:03)

Manager Wang discussed making a connection with the County Commissioners and explained the 2025 activity highlight sheet she created to share with the Washington County Commissioners. Manager Wang discussed the response she received.

President Eisele stated that he felt a highlight sheet would be a good thing to provide to the Ramsey County Commissioners as well.

10. NEW REPORTS AND/OR PRESENTATIONS

A. New Technology Report: AquaBLOK/AquaGATE Media for PFAS Removal (1:09:36)

Brandon Barnes provided details of the AquaBLOK/AquaGate media used for PFAS removal. Brandon stated that many stormwater BMPs are not capable of PFAS removal. Brandon explained how AquaBLOK and AquaGATE work and the differences between the two. Brandon noted that opportunities to utilize these technologies would be further investigated.

B. Wetland Restoration Planning Project Work Plan (1:18:12)

Tina Carstens provided information on the wetland restoration planning project work plan.

C. Battle Creek Subwatershed Feasibility Study Phase 2 Project Work Plan (1:24:55)

Brandon Barnes stated that Battle Creek is impaired TSS. Brandon provided details of the Battle Creek subwatershed feasibility study and explained how the study would help make sure BMPs are installed in the correct places to address the impairment.

D. Five Star Estates Feasibility Study Project Work Plan (1:31:22)

Brandon Barnes provided details of the Five Star Estates feasibility study.

11. ADMINISTRATOR'S REPORT (1:38:05)

A. Meetings Attended

B. Upcoming Meetings and Dates

C. Staff Anniversaries

D. Board Action Log

E. Payroll Issues

F. Minnesota Erosion Control Association(MECA) Award

G. Minnesota Watershed Updates

12. PROJECT AND PROGRAM STATUS REPORTS (1:47:27)

Project Feasibility Studies

A. Manufactured Homes Resilience Evaluation

B. Chloride Management

C. Street Sweeping

D. Flood Risk Reduction Feasibility Study: Roseville Central Park

E. Stormwater Model Updates

F. Studies Stemming from Creek Walks

Watershed Management Plan Update

G. Watershed Management Plan Update: Phase 1 – Stakeholder Engagement

H. Watershed Management Plan Update: Phase 2 – Complex Pre-Work

Research Projects

I. New Technology Mini Case Studies

Project Operations

J. Lake-Level Station Operation and Maintenance and Rain Gauge Installation

K. Gopher State One Call Utility Locations for Beltline and Battle Creek

Capital Improvements

L. Targeted Retrofit Projects 2026

M. Kohlman Creek Improvements

N. Kohlman Lake Alum Treatment

O. Wakefield Lake Oxygen Saturation Technology System

CIP Project Repair and Maintenance

P. Routine CIP Inspection and Unplanned Maintenance Identification

Q. 2026 CIP Maintenance and Repairs

R. 2026 Vegetation Maintenance Program

S. RWMWD Office Parking-Lot Retrofit

Program Updates

T. Natural Resources Program

U. Communications and Outreach Program

13. COMMENTS AND NEXT MONTH'S MEETING (1:55:32)

President Eisele request the Board write down ideas for the Watershed Management Plan update mission statement and core principles that can be sent to staff.

14. ADJOURN

Motion: Manager moved, Manager seconded, to adjourn the meeting at 8:27 p.m.

Motion carried unanimously.

RWMWD BUDGET STATUS REPORT

Administrative & Program Budget

Fiscal Year 2026

2/28/2026

Budget Category	Budget Item	Account Number	Original Budget	Budget Transfers	Current Month Expenses	Year-to-Date Expenses	Current Budget Balance	Percent of Budget
Manager	Per Diems	4355	\$7,000.00	-	-	-	\$7,000.00	0.00%
	Manager Expenses	4360	3,000.00	-	-	-	3,000.00	0.00%
Committees	Committee/Bd Mtg. Exp.	4365	4,000.00	-	326.64	326.64	3,673.36	8.17%
	Sub-Total: Managers/Committees:		\$14,000.00	\$0.00	326.64	326.64	\$13,673.36	2.33%
Employees	Staff Salary/Taxes/Benefits	4010	2,200,000.00	-	147,498.41	344,256.06	1,855,743.94	15.65%
	Employee Expenses	4020	10,000.00	-	857.43	887.30	9,112.70	8.87%
	District Training & Education	4350	75,000.00	-	2,710.50	3,486.37	71,513.63	4.65%
	Sub-Total: Employees:		\$2,285,000.00	\$0.00	151,066.34	348,629.73	\$1,936,370.27	15.26%
Administration/ Office	Data Base/GIS Maintenance	4170	85,000.00	-	173.04	178.08	84,821.92	0.21%
	Telephone	4310	13,000.00	-	482.96	1,377.71	11,622.29	10.60%
	Office Supplies	4320	7,000.00	-	559.24	565.53	6,434.47	8.08%
	Postage/Delivery	4330	2,000.00	-	1,011.90	1,011.90	988.10	50.60%
	Printing/Copying	4335	5,000.00	-	421.91	517.31	4,482.69	10.35%
	Dues & Publications	4338	20,000.00	-	-	15,017.00	4,983.00	75.09%
	Janitorial/Trash Service	4341	30,000.00	-	1,799.44	2,678.74	27,321.26	8.93%
	Utilities	4342	20,000.00	-	37.00	829.88	19,170.12	4.15%
	Building Maintenance	4343	80,000.00	-	2,436.78	2,511.86	77,488.14	3.14%
	Miscellaneous	4390	5,000.00	-	571.73	571.73	4,428.27	11.43%
	Insurance	4480	75,000.00	-	-	-	75,000.00	0.00%
	Office Equipment	4703	50,000.00	-	-	35.03	49,964.97	0.07%
	District Vehicles/Maintenance	4810-40	75,000.00	-	5.42	169.61	74,830.39	0.23%
	Metro INET	4325	120,000.00	-	9,869.37	19,457.37	100,542.63	16.21%
	Sub-Total: Administration/Office:		\$587,000.00	-	17,368.79	44,921.75	\$542,078.25	7.65%
Consultants/ Outside Services	Auditor/Accounting	4110	85,000.00	-	8,335.85	8,593.40	76,406.60	10.11%
	Engineering-Administration	4121	145,000.00	-	10,105.50	17,436.00	127,564.00	12.02%
	Engineering-Permit I&E	4122	10,000.00	-	-	0.00	10,000.00	0.00%
	Engineering-Review	4123	83,000.00	-	4,402.00	7,024.00	75,976.00	8.46%
	Engineering-Permit Application Review	4124	85,000.00	-	7,052.00	9,449.00	75,551.00	11.12%
	Project Feasibility Studies	4129	430,000.00	-	18,927.52	29,408.52	400,591.48	6.84%
	Attorney-Permits	4130	5,000.00	-	-	-	5,000.00	0.00%
	Attorney-General	4131	40,000.00	-	542.50	1,802.42	38,197.58	4.51%
	Outside Consulting Services	4160	25,000.00	-	-	-	25,000.00	0.00%
	Sub-Total: Consultants/Outside Services:		\$908,000.00	\$0.00	49,365.37	73,713.34	\$834,286.66	8.12%
Programs	WMP/Lakes/TMDLs/Grants	4661	195,000.00	-	5,412.00	8,152.00	186,848.00	4.18%
	Natural Resources Program	4670	176,000.00	-	1,697.90	1,760.00	174,240.00	1.00%
	Water Monitoring Program	4520-30	371,500.00	-	17,893.08	24,729.53	346,770.47	6.66%
	Outside Program Support	4683	44,000.00	-	-	10,000.00	34,000.00	22.73%
	Research Projects	4695	107,000.00	-	1,635.00	1,760.00	105,240.00	1.64%
	Project Operations	4650	200,000.00	-	10,991.46	12,114.32	187,885.68	6.06%
	Communication/Outreach/Events	4371	161,000.00	-	12,659.30	13,812.35	147,187.65	8.58%
	Health and Safety Program	4697	7,000.00	-	20.00	142.99	6,857.01	2.04%
	Sub-Total: Programs:		\$1,261,500.00	\$0.00	50,308.74	72,471.19	\$1,189,028.81	5.74%
GENERAL FUND TOTAL			\$5,055,500.00	\$0.00	268,435.88	540,062.65	4,515,437.35	10.68%
CIP's	Project Repair & Maintenance	516	2,285,000.00	-	243,178.62	435,518.56	1,849,481.44	19.06%
	Targeted Retrofit Projects	518	581,000.00	-	34,956.00	60,201.00	520,799.00	10.36%
	Flood Risk Reduction Fund	520	655,000.00	-	172.50	172.50	654,827.50	0.03%
	Debt Services-Beltline/Maplewood Mall	526	419,701.00	-	0.00	282,956.75	136,744.25	67.42%
	Stewardship Grant Fund	529	1,500,000.00	-	3,769.91	11,296.31	1,488,703.69	0.75%
	Fish Creek Tributary Improvements	537	1,300,000.00	-	445.00	445.00	1,299,555.00	0.03%
	Wetland Restoration Projects	540	10,000.00	-	-	-	10,000.00	0.00%
	Wakefield Lake	553	565,000.00	-	417.50	452.50	564,547.50	0.08%
	Kohlman In-Lake Alum Treatment	555	385,000.00	-	865.00	1,652.00	383,348.00	0.43%
CIP BUDGET TOTAL			\$7,700,701.00	-	283,804.53	792,694.62	\$6,908,006.38	10.29%
TOTAL BUDGET			\$12,756,201.00	\$0.00	552,240.41	1,332,757.27	\$11,423,443.73	10.45%

Current Fund Balances:

Fund:	Unaudited Beginning Fund Balance @ 12/31/25	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Unaudited Fund Balance @2/28/26
101 - General Fund	\$1,937,141.69	-	63,178.04	268,435.88	540,062.65	1,460,257.08
516 - Project Repair & Maintenance	795,222.85	-	42,176.03	243,178.62	435,518.56	401,880.32
518 - Targeted Retrofit Projects	77,504.01	-	1,019.00	34,956.00	60,201.00	18,322.01
520 - Flood Risk Reduction Fund	4,938,082.10	-	9,554.18	172.50	172.50	4,947,463.78
526 - Debt Services-Beltline/Maplewood Mall	304,737.64	-	2,040.29	-	282,956.75	23,821.18
529 - Stewardship Grant Fund	186,894.13	-	7,213.03	3,769.91	11,296.31	182,810.85
536 - Stormwater Impact Fund	803,787.86	-	-	-	-	803,787.86
537 - Fish Creek Tributary Improvements	1,054,141.38	-	2,336.25	445.00	445.00	1,056,032.63
540 - Wetland Restoration Projects	311,429.36	-	-	-	-	311,429.36
553 - Wakefield Lake	-	-	-	417.50	452.50	(452.50)
555 - Kohlman In-Lake Alum Treatment	-	-	-	865.00	1,652.00	(1,652.00)
580 - Contingency Fund	1,215,487.00	-	-	-	-	1,215,487.00
Total District Fund Balance	\$11,624,428.02	\$0.00	\$ 127,516.82	\$ 552,240.41	\$1,332,757.27	\$10,419,187.57

Ramsey Washington Metro Watershed Dist.
Check Register
For the Period From February 1, 2026 to February 28, 2026

Payee ID	Payee	Invoice #	Description	Amount
hea002	HealthPartners	Mar-26	Employee Benefits	19,796.49
met008	MetLife-Group Benefits	Feb-26	Employee Benefits	1,176.93
usb002	U.S. Bank	February 2026 Statement	Various	3,800.89
tmo001	T-Mobile	Feb-26	Employee Benefits	791.76
qwe001	CenturyLink	Feb-26	Project Operations	293.19
nsp001	Xcel Energy	Feb-26	Water Monitoring Program	3,254.25
usb005	US Bank Equipment Finance	Feb-26	Printing/Copier Lease	421.91
aws001	AWS Service Center	Feb-26	Janitorial/Trash/Plowing/Sweeping	399.44
han008	Hannah Enterprises LLC.	Feb-26	Janitorial/Trash/Plowing/Sweeping	500.00
res001	Pitney Bowes Bank, Inc. Reserve Account	Feb-26	Postage/Delivery	1,000.00
cad001	Zayo Group, LLC.	Feb-26	Water Monitoring Program	296.96
bar013	Pye Barker	IVN00367961; IVN00368510	Building/Site Maintenance	1,119.75 *2025
gil001	Gilbert Mechanical Contractors, Inc.	271283; 271284	Building/Site Maintenance	2,294.56 *2025
hom001	Home Depot Credit Services	4512975	Water Monitoring Program	38.93
ing002	INGCO International, Inc.	611685	Communications/Outreach/Events	50.00
lak012	Lake Place Homes, Inc.	25-29 CS-Reissue	Stewardship Grant Program	95,910.02 *2025
met012	Metro-INET	3289	Roseville IT Services/Web Site/Software/Licenses	9,788.00
mon004	Montana State University	8 plant samples	WMP/Lakes/TMDLs/Grants	400.00 *2025
nep001	NCPERS Group Life Ins.	03/2026	Employee Benefits	16.00
pre003	Premium Waters, Inc.	311229125	Utilities/Building Services Contracts	37.00
ram016	Ramsey County	Dec-09	Building/Site Maintenance	176.74 *2025
red002	Redpath & Company	150504239	Accounting	8,200.00
red003	Red Wing Business Advantage Account	20260210043028	Employee Benefits	600.00 *2025
rmb001	RMB Environmental Laboratories	M2600023	Water Monitoring Program	1,294.00
sai001	Saint Paul Media	5510	Communications/Outreach/Events	100.00
twi008	Twin Cities Tent and Event Rental	231125030	Communications/Outreach/Events	1,699.10
bar001	Barr Engineering	January 17 to February 13, 2026	various	131,926.02
bfg001	BFG Supply Co., LLC	314547-00	Communications/Outreach/Events	127.11
car003	Tina Carstens	Jan-Dec 2025	Employee Expenses	534.40
car007	Carp Solutions, LLC	RWMWD_021726 - 2025	Natural Resources	2,000.00
cit007	City of St. Paul Public Works	25-22 CS	Stewardship Grant Program	100,000.00 *2025
fit001	Fitzgerald Excavating & Trucking, Inc.	Progress Payment #2	Construction Improvements/Project Maint & Rep	221,786.62
fit002	Mary Fitzgerald	Feb-26	Janitorial/Trash/Plowing/Sweeping	722.02
fit004	Emily Kamin	202 - 525	Janitorial/Trash/Plowing/Sweeping	525.00
gal001	Galowitz Olson, PLLC	February 19, 2026	Attorney-General	542.50
int001	Office of MNIT Services	W26010542	Telephone	59.38
jon002	Linda Jones	25-37 CS	Stewardship Grant Program	1,329.66
klo001	Kendra Kloth	Jan-Feb 2026	Employee Expenses	12.47
kub001	Kyle Kubitza	Feb-26	Employee Expenses	10.88
lea003	L. Tracy Leavenworth	18-1004	Communications/Outreach/Events	4,935.10
mbc001	MBohn Consulting LLC	1235	Communications/Outreach/Events	5,625.00
mel001	Michelle L. Melsner	February 2026	Employee Expenses	129.34
no1001	Noll Hardware	25-34 CS	Stewardship Grant Program	476.47
oak003	Oak Hill Montessori Community School	25-17 CS	Stewardship Grant Program	876.28
sod001	Nicole Maras	Feb-26	Employee Expenses	125.33
til002	Joseph Tillotson	Feb-26	Vehicle Miscellaneous Expense	32.25
was003	Washington Co.-Taxation Div.	234555	Accounting	50.00
wil007	Patrick Williamson	Feb-26	Employee Benefits	174.59
mnd003	Minnesota Department of Revenue	L0430355296	Miscellaneous Exp-General Fund	571.73
was002	Washington Conservation District	Feb-20	Stewardship Grant Program	1,087.50
				\$627,115.57
myp001	February 13th Payroll	02/13/26	4110-101-000	85.85
myp001	February 27th Payroll	02/27/26	4110-101-000	85.85
---	February 13th Payroll	Payroll Expense-Net	4010-101-000	34,904.74
int002	February 13th Federal Withholding	Internal Rev.Serv.	2001-101-000	12,466.94
mnd001	February 13th State Withholding	MN Revenue	2003-101-000	2,055.00
per001	February 13th PERA	PERA	2011-101-000	8,422.58
emp002	Employee Def. Comp. Contributions	Empower Retirement	2016-101-000	1,673.00
emp002	Employee IRA Contributions	Empower Retirement	2018-101-000	2,614.00
---	February 27th Payroll	Payroll Expense-Net	4010-101-000	35,869.50
int002	February 27th Federal Withholding	Internal Rev.Serv.	2001-101-000	13,080.70
mnd001	February 27th State Withholding	MN Revenue	2003-101-000	2,215.00
per001	February 27th PERA	PERA	2011-101-000	7,641.56
emp002	Employee Def. Comp. Contributions	Empower Retirement	2016-101-000	1,673.00
emp002	Employee IRA Contributions	Empower Retirement	2018-101-000	2,614.00
Payroll/Benefits:				\$125,401.72
Accounts Payable/Payroll/Benefits:				\$752,517.29

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From February 1, 2026 to February 28, 2026

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
02/02/26	EFT	hea002	HealthPartners	4040-101-000	Employee Benefits	19,796.49
02/01/26	EFT	met008	MetLife-Group Benefits	4040-101-000	Employee Benefits	1,176.93
02/18/26	EFT	usb002	U.S. Bank			3,800.89
				4330-101-000	Postage/Delivery	11.90
				4320-101-000	Office Supplies	8.64
				4320-101-000	Office Supplies	136.59
				4325-101-000	Roseville IT Services/Web Site/Software/License	81.37
				4670-101-000	Natural Resources Program	(445.98)
				4343-101-000	Building/Site Maintenance	(59.99)
				4040-101-000	Employee Benefits	101.90
				4040-101-000	Employee Benefits	8.95
				4350-101-000	Training and Education	408.52
				4040-101-000	Employee Benefits	119.90
				4350-101-000	Training and Education	90.00
				4170-101-000	Data Base/GIS Maintenance	168.00
				4320-101-000	Office Supplies	113.27
				4697-101-000	Health & Safety Program	20.00
				4350-101-000	Training and Education	165.62
				4320-101-000	Office Supplies	35.72
				4350-101-000	Training and Education	182.95
				4350-101-000	Training and Education	182.95
				4350-101-000	Training and Education	365.90
				4350-101-000	Training and Education	548.85
				4350-101-000	Training and Education	365.90
				4343-101-000	Building/Site Maintenance	59.99
				4320-101-000	Office Supplies	45.71
				4350-101-000	Training and Education	266.37
				4320-101-000	Office Supplies	200.63
				4365-101-000	Committee/Board Meeting Expense	173.88
				4371-101-000	Communications/Outreach/Events	45.00
				4371-101-000	Communications/Outreach/Events	60.00
				4320-101-000	Office Supplies	18.68
				4371-101-000	Communications/Outreach/Events	17.99
				4670-101-000	Natural Resources Program	143.88
				4365-101-000	Committee/Board Meeting Expense	80.65
				4365-101-000	Committee/Board Meeting Expense	45.32
				4365-101-000	Committee/Board Meeting Expense	26.79
				4170-101-000	Data Base/GIS Maintenance	5.04
02/12/26	EFT	tmo001	T-Mobile	4040-101-000	Employee Benefits	791.76
02/02/26	EFT	qwe001	CenturyLink	4650-101-000	Project Operations	293.19

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From February 1, 2026 to February 28, 2026

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
02/22/26	EFT	nsp001	Xcel Energy			3,254.25	
				4530-101-000	Water Monitoring Program		598.20
				4343-101-000	Building/Site Maintenance		2,436.78
				4650-101-000	Project Operations/Flood Damage Reduction Fund		219.27
02/12/26	EFT	usb005	US Bank Equipment Finance	4335-101-000	Printer/Copier Lease	421.91	
02/12/26	EFT	aws001	AWS Service Center	4341-101-000	Janitorial/Trash/Plowing/Sweeping	399.44	
02/12/26	EFT	han008	Hannah Enterprises LLC.	4341-101-000	Janitorial/Trash/Plowing/Sweeping	500.00	
02/12/26	EFT	res001	Pitney Bowes Bank, Inc. Reserve Account	4330-101-000	Postage/Delivery	1,000.00	
02/12/26	EFT	cad001	Zayo Group, LLC.	4530-101-000	Water Monitoring Program	296.96	
02/11/26	76053	bar013	Pye Barker	4343-101-000	Building/Site Maintenance	1,119.75	*2025
02/11/26	76054	gil001	Gilbert Mechanical Contractors, Inc.	4343-101-000	Building/Site Maintenance	2,294.56	*2025
02/11/26	76055	hom001	Home Depot Credit Services	4530-101-000	Water Monitoring Program	38.93	
02/11/26	76056	ing002	INGCO International, Inc.	4371-101-000	Communications/Outreach/Events	50.00	
02/11/26	76057	lak012	Lake Place Homes, Inc.	4682-529-000	Stewardship Grant Program	95,910.02	*2025
02/11/26	76058	met012	Metro-INET	4325-101-000	Roseville IT Services/Web Site/Software/Licenses	9,788.00	
02/11/26	76059	mon004	Montana State University	4661-101-000	WMP/Lakes/TMDLs/Grants	400.00	*2025
02/11/26	76060	ncp001	NCPERS Group Life Ins.	4040-101-000	Employee Benefits	16.00	
02/11/26	76061	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Building Services Contracts	37.00	
02/11/26	76062	ram016	Ramsey County	4343-101-000	Building/Site Maintenance	176.74	*2025
02/11/26	76063	red002	Redpath & Company	4110-101-000	Accounting	8,200.00	
02/11/26	76064	red003	Red Wing Business Advantage Account	4040-101-000	Employee Benefits	600.00	*2025
02/11/26	76065	rmb001	RMB Environmental Laboratories	4530-101-000	Water Monitoring Program	1,294.00	
02/11/26	76066	sai001	Saint Paul Media	4371-101-000	Communications/Outreach/Events	100.00	
02/11/26	76067	twi008	Twin Cities Tent and Event Rental	4371-101-000	Communications/Outreach/Events	1,699.10	
02/23/26	76068	bar001	Barr Engineering			131,926.02	
				4121-101-000	Engineering Admin		10,105.50
				4123-101-000	Engineering Review		4,402.00
				4129-101-000	Project Feasibility		87.50
				4129-101-000	Project Feasibility		4,012.52
				4129-101-000	Project Feasibility		1,102.00
				4129-101-000	Project Feasibility		52.50
				4129-101-000	Project Feasibility		7,565.50
				4129-101-000	Project Feasibility		3,779.50
				4129-101-000	Project Feasibility		272.00
				4129-101-000	Project Feasibility		1,353.00
				4129-101-000	Project Feasibility		703.00
				4520-101-000	WQM-Engineering		375.00
				4520-101-000	WQM-Engineering		13,097.50
				4520-101-000	WQM-Engineering		1,567.50
				4520-101-000	WQM-Engineering		625.00
				4124-101-000	Eng. Permit Review		7,052.00
				4661-101-000	SLMP/TMDL Studies		1,030.00
				4661-101-000	SLMP/TMDL Studies		4,123.00
				4661-101-000	SLMP/TMDL Studies		259.00
				4695-101-000	Research Projects		1,635.00
				4650-101-000	Project Operations		82.50

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From February 1, 2026 to February 28, 2026

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4650-101-000	Project Operations	1,782.50
				4650-101-000	Project Operations	8,614.00
				4128-518-000	Engineering -Targeted Retrofit	350.00
				4128-518-000	Engineering -Targeted Retrofit	185.00
				4128-518-000	Engineering -Targeted Retrofit	3,338.50
				4128-518-000	Engineering -Targeted Retrofit	3,507.50
				4128-518-000	Engineering -Targeted Retrofit	5,464.50
				4128-518-000	Engineering -Targeted Retrofit	22,110.50
				4129-537-000	Project Feasibility	445.00
				4128-520-000	Engineering -Flood Damage	102.50
				4128-520-000	Engineering -Flood Damage	70.00
				4128-555-000	Engineering -Kohlman Alum	865.00
				4128-553-000	Engineering -Wakefield	417.50
				4128-516-000	Eng. Projects-Maint & Repair	1,517.50
				4128-516-000	Eng. Projects-Maint & Repair	11,625.50
				4128-516-000	Eng. Projects-Maint & Repair	1,869.50
				4128-516-000	Eng. Projects-Maint & Repair	597.50
				4128-516-000	Eng. Projects-Maint & Repair	5,782.00
02/23/26	76069	bfq001	BFG Supply Co., LLC	4371-101-000	Communications/Outreach/Events	127.11
02/23/26	76070	car003	Tina Carstens			534.40
				4020-101-000	Employee Expenses	372.38
				4040-101-000	Employee Benefits	162.02
02/23/26	76071	car007	Carp Solutions, LLC	4670-101-000	Natural Resources	2,000.00
02/23/26	76072	cit007	City of St. Paul Public Works	4682-529-000	Stewardship Grant Program	100,000.00
02/23/26	76073	fit001	Fitzgerald Excavating & Trucking, Inc.	4630-516-000	Construction Improvements/Project Maint & Rep	221,786.62
02/23/26	76074	fit002	Mary Fitzgerald			722.02
				4341-101-000	Janitorial/Trash/Plowing/Sweeping	375.00
				4020-101-000	Employee Expenses	202.71
				4040-101-000	Employee Benefits	53.66
				4350-101-000	Training & Education	90.65
02/23/26	76075	fit004	Emily Kamin	4341-101-000	Janitorial/Trash/Plowing/Sweeping	525.00
02/23/26	76076	gal001	Galowitz Olson, PLLC	4131-101-000	Attorney-General	542.50
02/23/26	76077	int001	Office of MNIT Services	4310-101-000	Telephone	59.38
02/23/26	76078	jon002	Linda Jones	4682-529-000	Stewardship Grant Program	1,329.66
02/23/26	76079	klo001	Kendra Kloth	4020-101-000	Employee Expenses	12.47
02/23/26	76080	kub001	Kyle Kubitza	4020-101-000	Employee Expenses	10.88
02/23/26	76081	lea003	L. Tracy Leavenworth	4371-101-000	Communications/Outreach/Events	4,935.10
02/23/26	76082	mbc001	MBohn Consulting LLC	4371-101-000	Communications/Outreach/Events	5,625.00
02/23/26	76083	mel001	Michelle L. Melser	4020-101-000	Employee Expenses	129.34
02/23/26	76084	no1001	Noll Hardware	4682-529-000	Stewardship Grant Program	476.47
02/23/26	76085	oak003	Oak Hill Montessori Community School	4682-529-000	Stewardship Grant Program	876.28
02/23/26	76086	sod001	Nicole Maras			125.33
				4020-101-000	Employee Expenses	82.54
				4350-101-000	Training & Education	42.79
02/23/26	76087	til002	Joseph Tillotson			32.25
				4020-101-000	Employee Expenses	26.83

*2025

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From February 1, 2026 to February 28, 2026

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4840-101-000	Vehicle Miscellaneous Expense	5.42
02/23/26	76088	was003	Washington County	4110-101-000	Accounting	50.00
02/23/26	76089	wil007	Patrick Williamson			174.59
				4040-101-000	Employee Benefits	127.48
				4020-101-000	Employee Expenses	47.11
02/23/26	76090	mnd003	Minnesota Department of Revenue	4390-101-000	Miscellaneous Exp-General Fund	571.73
02/23/26	76091	was002	Washington Conservation District	4682-101-000	Stewardship Grant Program	1,087.50
Total						<u>\$627,115.57</u>
02/13/26	EFT	myp001	February 13th Payroll	4110-101-000	February 13th Payroll	85.85
02/27/26	EFT	myp001	February 27th Payroll	4110-101-000	February 27th Payroll	85.85
02/13/26	Dir.Dep.	---	February 13th Payroll	4110-101-000	February 13th Payroll	34,904.74
02/13/26	EFT	int002	February 13th Federal Withholding	2001-101-000	February 13th Federal Withholding	12,466.94
02/13/26	EFT	mnd001	February 13th State Withholding	2003-101-000	February 13th State Withholding	2,055.00
02/13/26	EFT	per001	February 13th PERA	2011-101-000	February 13th PERA	8,422.58
02/13/26	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	1,673.00
02/13/26	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	2,614.00
02/27/26	Dir.Dep.	---	February 27th Payroll	4110-101-000	February 27th Payroll	35,869.50
02/27/26	EFT	int002	February 27th Federal Withholding	2001-101-000	February 27th Federal Withholding	13,080.70
02/27/26	EFT	mnd001	February 27th State Withholding	2003-101-000	February 27th State Withholding	2,215.00
02/27/26	EFT	per001	February 27th PERA	2011-101-000	February 27th PERA	7,641.56
02/27/26	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	1,673.00
02/27/26	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	2,614.00
Payroll/Benefits:						<u>\$125,401.72</u>
Total						<u>Accounts Payable/Payroll/Benefits:</u> <u>\$752,517.29</u>

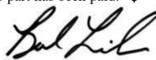


**Summary of Professional Engineering Services During the Period
January 17 to February 13, 2026**

	Total Engineering Budget (2026)	Total Fees to Date (2026)	Budget Balance (2026)	Fees During Period	District Accounting Code	Plan Implementation Task Number
Engineering Administration						
General Engineering Administration	\$ 110,000.00	\$ 17,361.00	\$ 92,639.00	\$ 10,105.50	4121-101	DW-13
RWMWD Health and Safety/ERTK Program (Training)	\$ 2,000.00	\$ -	\$ 2,000.00		4697-101	DW-13
Education Assistance	\$ 15,000.00	\$ 150.00	\$ 14,850.00	\$ -	4129-101	DW-11, DW-13
Targeted Retrofit Outreach, Assessment and Planning	\$ 20,000.00	\$ 75.00	\$ 19,925.00	\$ -	4121-101	DW-6, DW-13, DW-20
Engineering Review						
Engineering Review	\$ 82,700.00	\$ 7,024.00	\$ 75,676.00	\$ 4,402.00	4123-101	DW-13
Project Feasibility Studies						
Landfall BMP study (Manufactured Homes Res Study Project 1)	\$ 25,000.00	\$ -	\$ 25,000.00		4129-101	DW-9
Five Star Estates Feasibility Study	\$ 35,000.00	\$ 560.00	\$ 34,440.00	\$ 87.50	4129-101	GC-3
Chloride Reduction Strategy	\$ 30,000.00	\$ 5,152.52	\$ 24,847.48	\$ 4,012.52	4129-101	DW-7
Tanners, Battle Creek Lake, Battle Creek Resiliency Feasibility Study	\$ 85,000.00	\$ 1,102.00	\$ 83,898.00	\$ 1,102.00	4129-101	DW-9, DW-10, DW-11, DW-12, DW-15
Roseville Central Park Flood Risk Reduction Feasibility Study	\$ 75,000.00	\$ 52.50	\$ 74,947.50	\$ 52.50	4129-101	DW-9
RWMWD Stormwater Model Updates	\$ 18,000.00	\$ 14,411.50	\$ 3,588.50	\$ 7,565.50	4129-101	DW-9
Studies Stemming From Creek Walks	\$ 30,000.00	\$ 5,652.00	\$ 24,348.00	\$ 3,779.50	4129-101	DW-1
Shoreline Assessment Assistance	\$ 20,000.00	\$ -	\$ 20,000.00		4129-101	DW-8
Wetland Restoration Planning	\$ 30,000.00	\$ 272.00	\$ 29,728.00	\$ 272.00	4129-101	DW-8
Final design for highest priority creek segment	\$ 40,000.00	\$ -	\$ 40,000.00		4129-101	DW-1
Battle Creek Subwatershed Feasibility Study (Phase 2)	\$ 40,000.00	\$ 1,353.00	\$ 38,647.00	\$ 1,353.00	4129-101	BC-2
Street Sweeping Program Support	\$ 20,000.00			\$ 703.00	4129-101	DW-6, DW-15
Contingency*	\$ 20,000.00	\$ -	\$ 20,000.00		4129-101	
GIS Maintenance						
GIS Maintenance	\$ 5,000.00	\$ -	\$ 5,000.00		4170-101	DW-13
Monitoring Water Quality/Project Monitoring						
Lake Water Quality Monitoring (Misc QA/QC)	\$ 10,000.00	\$ 375.00	\$ 9,625.00	\$ 375.00	4520-101	DW-2
Annual WQ Report Assistance	\$ 25,000.00	\$ 19,637.00	\$ 5,363.00	\$ 13,097.50	4520-101	DW-2
Special Project BMP Monitoring	\$ 30,000.00	\$ 1,567.50	\$ 28,432.50	\$ 1,567.50	4520-101	DW-12
Grass Lake Berm Wetland Monitoring	\$ 6,500.00	\$ -	\$ 6,500.00		4520-101	DW-5, DW-8
Management of WQ Data	\$ 75,000.00	\$ 625.00	\$ 74,375.00	\$ 625.00	4520-101	DW-20
Permit Processing, Inspection and Enforcement						
Permit Application Inspection and Enforcement	\$ 10,000.00	\$ -	\$ 10,000.00		4122-101	DW-7
Permit Application Review	\$ 85,000.00	\$ 9,449.00	\$ 75,551.00	\$ 7,052.00	4124-101	DW-7
Watershed Management Plan Update						
Ecosystem Restoration Plan (or "Ecosystem Health Action Plan") Placeholder	\$ -	\$ -	\$ -		4661-101	DW-8, DW-14
RWMWD 2027-2036 Watershed Management Plan Update:						
Phase 1- Stakeholder Involvement*	\$ 5,893.00			\$ 1,030.00	4661-101	DW-13
Phase 3- Draft Plan Development*	\$ 100,000.00	\$ 4,123.00	\$ 95,877.00	\$ 4,123.00	4661-101	DW-13
Phase 4- Formal Review, Approval and Adoption*	\$ 10,000.00	\$ -	\$ 10,000.00		4661-101	DW-13
Lake Studies/TMDL Reports						
2026 Grant Applications	\$ 20,000.00	\$ 325.00	\$ 19,675.00	\$ -	4661-101	DW-13
TMDL Reporting Assistance	\$ 20,000.00	\$ 259.00	\$ 19,741.00	\$ 259.00	4661-101	DW-15, DW-20
Contingency for Lake Studies	\$ 22,500.00	\$ -	\$ 22,500.00		4661-101	
Research Projects						
New Technology + Trending Topics Mini Case Studies (average 6 per year)	\$ 17,000.00	\$ 1,760.00	\$ 15,240.00	\$ 1,635.00	4695-101	DW-12
Wakefield Pond Spent Lime Study	\$ 20,000.00	\$ -	\$ 20,000.00		4695-101	DW-12
Project Operations						
2026 Tanners Alum Facility Monitoring	\$ 18,800.00	\$ 122.50	\$ 18,677.50	\$ 82.50	4650-101	TaL-3
Phalen/Keller and Twin Operations Support & Communications	\$ 20,000.00	\$ -	\$ 20,000.00		4650-101	DW-5, DW-13, DW-18
Lake Level Station Operation and Maintenance	\$ 50,000.00	\$ 2,066.50	\$ 47,933.50	\$ 1,782.50	4650-101	DW-5, DW-18
Phalen and Keller Lake Level Station Forecast Integration	\$ 40,000.00	\$ -	\$ 40,000.00		4650-101	DW-5, DW-18
Beltline and Battle Creek Gopher State One Call Utility Locates	\$ 30,000.00	\$ 9,038.00	\$ 20,962.00	\$ 8,614.00	4650-101	DW-5, BELT-1
Capital Improvements						
Roosevelt Homes Phase III	\$ 5,000.00	\$ 350.00	\$ 4,650.00	\$ 350.00	4128-518	DW-6, DW-9
Placeholder for 1 small flood risk reduction project (Five Star, Landfall, other)?	\$ 50,000.00	\$ -	\$ 50,000.00		4128-518	DW-9
Targeted Retrofit Projects 2026						
Development of Future Retrofit Projects	\$ 150,000.00	\$ 680.00	\$ 149,320.00	\$ 185.00	4128-518	DW-6
Thirty Twenty Estates	\$ 26,000.00	\$ 4,623.50	\$ 21,376.50	\$ 3,338.50	4128-518	DW-6
Redeemer Lutheran	\$ 25,000.00	\$ 7,003.00	\$ 17,997.00	\$ 3,507.50	4128-518	DW-6
1670 Beam Avenue	\$ 49,000.00	\$ 8,364.50	\$ 40,635.50	\$ 5,464.50	4128-518	DW-6
Gustavus Adolphus Church, St Paul	\$ 50,000.00	\$ 36,886.50	\$ 13,113.50	\$ 22,110.50	4128-518	DW-6
Placeholder for new project TBD	\$ 35,000.00	\$ -	\$ 35,000.00		4128-518	DW-6
Maplewood Toyota, Cochran Recovery Services and SPYS Green Roof Support*	\$ 11,000.00	\$ -	\$ 11,000.00		4128-518	DW-6
Stewardship Grant Program	\$ 75,000.00	\$ -	\$ 75,000.00		4682-529	DW-6
Double Driveway Pond and Fish Creek Tributary Improvements*	\$ 90,000.00	\$ 445.00	\$ 89,555.00	\$ 445.00	4129-537	FC-2
Cottage Place Wetland Restoration*	\$ 10,000.00	\$ -	\$ 10,000.00		4128-518	DW-8, DW-14, LE-3
Ames Lake Area Flood Risk Reduction	\$ 300,000.00	\$ 102.50	\$ 299,897.50	\$ 102.50	4128-520	DW-9, BELT-1
Kohlman Creek Flood Risk Reduction Projects	\$ 5,000.00	\$ 70.00	\$ 4,930.00	\$ 70.00	4128-520	DW-9, KC-2
Lake Wabasso Outlet Replacement*	\$ 5,000.00	\$ -	\$ 5,000.00		4128-520	DW-5
Kohlman Lake Alum Treatment*	\$ 40,000.00	\$ 1,652.00	\$ 38,348.00	\$ 865.00	4128-555	KL-2
Wakefield Lake Aeration	\$ 60,000.00	\$ 452.50	\$ 59,547.50	\$ 417.50	4128-553	WL-3
CIP Project Repair & Maintenance						
Routine CIP Inspection and Unplanned Maintenance Identification	\$ 131,250.00	\$ 1,991.50	\$ 129,258.50	\$ 1,517.50	4128-516	DW-5
2026 CIP Maintenance and Repairs	\$ 184,965.00	\$ 61,043.10	\$ 123,921.90	\$ 11,625.50	4128-516	DW-5
2026 Vegetation Maintenance Program	\$ 10,000.00	\$ 3,667.00	\$ 6,333.00	\$ 1,869.50	4128-516	DW-8
Beltline and Battle Creek 5-year Inspection and Detailed Survey*	\$ 15,000.00	\$ 2,075.00	\$ 12,925.00	\$ 597.50	4128-516	BELT-2
Placeholder for repairs coming out of 5-year inspection	\$ 75,000.00	\$ -	\$ 75,000.00		4128-516	BELT-2
RWMWD Office Exterior Improvements*	\$ 30,000.00	\$ 9,778.00	\$ 20,222.00	\$ 5,782.00	4128-516	DW-5

*For these CIP projects, only the 2026 portion of the total budget is shown.

Barr declares under the penalties of Law that this Account, Claim, or Demand is just and that no part has been paid. \$ 131,926.02



 Bradley J. Lindaman, Vice President

2026 Capital Improvement Project (CIP) Progress Payment Number 2

1.0	Total Completed Through This Period:	<u>\$416,656.90</u>	
2.0	Total Completed Previously Completed:		<u>\$183,197.30</u>
3.0	Total Completed This Period:		<u>\$233,459.60</u>
4.0	Amount Previously Retained:	<u>\$9,159.87</u>	
5.0	Amount Retained This Period:		<u>\$11,672.98</u>
6.0	Total Amount Retained:	<u>\$20,832.85</u>	
7.0	Retainage Released Through This Period:		<u>\$0.00</u>
8.0	Total Retainage Remaining:	<u>\$20,832.85</u>	
9.0	Amounts Previously Paid:	<u>\$174,037.44</u>	
10.0	Amount Due This Estimate:		<u><u>\$221,786.62</u></u>

Retainage shall be 5 percent of the value of the Work completed.

SUBMITTED BY:

Name: Jason Fitzgerald Date: _____
Title: President
Contractor: Fitzgerald Excavating Inc.

Signature: _____

RECOMMENDED BY:

Name: Brad Lindaman Date: 2026.02.18
Title: Project Engineer
Engineer: Barr Engineering Company

Signature: 

APPROVED BY:

Name: Val Eisele Date: _____
Title: President
Owner: Ramsey-Washington Metro Watershed District

Signature: _____

2026 Capital Improvement Project (CIP)
Ramsey-Washington Metro Watershed District
Summary of Work Completed Through February 17th, 2026 for Progress Payment Number 2

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
General											
A	Mobilization/Demobilization	L.S.	1	\$110,000.00	\$110,000.00	0.4	\$44,000.00	0.25	\$27,500.00	0.15	\$16,500.00
B	Control of Water	L.S.	1	\$15,000.00	\$15,000.00	0.4	\$6,000.00	0.25	\$3,750.00	0.15	\$2,250.00
C	Traffic Control	L.S.	1	\$5,000.00	\$5,000.00	0.4	\$2,000.00	0.25	\$1,250.00	0.15	\$750.00
Site 1 - Tamarack Swamp, Woodbury (PFS Basins Cleaning/Sweeping)											
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	92	\$34.00	\$3,128.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	100	\$3.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	60	\$4.00	\$240.00	0	\$0.00	0	\$0.00	0	\$0.00
H	Paver Sweeping	SY	1400	\$10.00	\$14,000.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	45	\$15.00	\$675.00	0	\$0.00	0	\$0.00	0	\$0.00
K	Remove and Dispose of Existing 1 1/2" to 2" Filter Rock	LS	1	\$2,000.00	\$2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
L	Clear Washed Filter Rock	TON	10	\$50.00	\$500.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	4	\$100.00	\$400.00	0	\$0.00	0	\$0.00	0	\$0.00
U	Clearing and Grubbing	LS	1	\$2,500.00	\$2,500.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 2 - Lower Afton Road, Maplewood (Drainageway Sediment Removal)											
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	127	\$34.00	\$4,318.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	200	\$3.00	\$600.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	45	\$15.00	\$675.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 3 - Woodbury Elementary School Splash Block Repair											
J	Remove and Replace Existing Splashblock Assembly	SF	40	\$200.00	\$8,000.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	20	\$3.00	\$60.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 4 - Gervais Creek Filter Strip Maintenance											
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	100	\$3.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00
K	Remove and Dispose of Existing 1 1/2" to 2" Filter Rock	LS	1	\$2,000.00	\$2,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
L	Clear Washed Filter Rock	TON	50	\$50.00	\$2,500.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	45	\$17.00	\$765.00	45	\$765.00	0	\$0.00	45	\$765.00
I	Composite Mud Mats	SY	100	\$15.00	\$1,500.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	40	\$4.00	\$160.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00
V	Igneous Boulders (30 inch nominal diameter)	TON	10	\$150.00	\$1,500.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 5 - Wakefield Lake Filter Maintenance											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	0	\$0.00	0	\$0.00	0	\$0.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	15	\$34.00	\$510.00	15	\$510.00	0	\$0.00	15	\$510.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	200	\$3.00	\$600.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	30	\$4.00	\$120.00	0	\$0.00	0	\$0.00	0	\$0.00

2026 Capital Improvement Project (CIP)
Ramsey-Washington Metro Watershed District
Summary of Work Completed Through February 17th, 2026 for Progress Payment Number 2

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
Site 6 - Bailey's Fish Creek Headwaters Structure Maintenance											
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	30	\$34.00	\$1,020.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	100	\$3.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00
U	Clearing and Grubbing	LS	1	\$2,500.00	\$2,500.00	0	\$0.00	0	\$0.00	0	\$0.00
W	Pressure Wash, Brush, and Reassemble Trash Rack Filter	LS	1	\$3,000.00	\$3,000.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	40	\$4.00	\$160.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	20	\$120.00	\$2,400.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 7 - C STREET BASIN MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	0	\$0.00	0	\$0.00	0	\$0.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	527	\$34.00	\$17,918.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	80	\$3.00	\$240.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	20	\$4.00	\$80.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	35	\$120.00	\$4,200.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 8 - ABI POND MAINTENANCE											
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	1182	\$34.00	\$40,188.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	100	\$3.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	16	\$4.00	\$64.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	50	\$15.00	\$750.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	10	\$120.00	\$1,200.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	25	\$17.00	\$425.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	50	\$2.00	\$100.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 9 - MAJESTIC POND MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	0	\$0.00	0	\$0.00	0	\$0.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	113	\$34.00	\$3,842.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	80	\$3.00	\$240.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	20	\$4.00	\$80.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	2	\$100.00	\$200.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	30	\$15.00	\$450.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	35	\$120.00	\$4,200.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	25	\$17.00	\$425.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	97	\$2.00	\$194.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 10 - EVANS POND MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	0	\$0.00	1	\$1,000.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregula	TON	2188	\$34.00	\$74,392.00	720	\$24,473.20	0	\$0.00	720	\$24,473.20
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	500	\$3.00	\$1,500.00	205	\$615.00	0	\$0.00	205	\$615.00
G	Sediment Log (9-Inch Diameter)	LF	40	\$4.00	\$160.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	2	\$100.00	\$200.00	2	\$200.00	0	\$0.00	2	\$200.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	20	\$120.00	\$2,400.00	17	\$1,980.00	0	\$0.00	17	\$1,980.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00

2026 Capital Improvement Project (CIP)
Ramsey-Washington Metro Watershed District
Summary of Work Completed Through February 17th, 2026 for Progress Payment Number 2

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
M	Flotation Silt Curtain	LF	25	\$17.00	\$425.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	51	\$2.00	\$102.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 11 - REILAND POND MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	0	\$0.00	1	\$1,000.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	713	\$34.00	\$24,242.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Sediment Log (9-Inch Diameter)	SY	154	\$4.00	\$616.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	2	\$100.00	\$200.00	1	\$100.00	0	\$0.00	1	\$100.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	20	\$120.00	\$2,400.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	1	\$75.00	0	\$0.00	1	\$75.00
M	Flotation Silt Curtain	LF	25	\$17.00	\$425.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	80	\$2.00	\$160.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 12 - POND 310 MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	0	\$0.00	0	\$0.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregular	TON	1077	\$34.00	\$36,618.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	100	\$3.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	30	\$4.00	\$120.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	20	\$15.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	10	\$120.00	\$1,200.00	0	\$0.00	0	\$0.00	0	\$0.00
R	Remove and Dispose of Existing Structure	EACH	1	\$2,000.00	\$2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
S	Overflow Structure with Trash Guard, Complete	EACH	1	\$10,500.00	\$10,500.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	45	\$17.00	\$765.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	109	\$2.00	\$218.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 13 - POND 244 AND POND 249 MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregular	TON	614	\$34.00	\$20,876.00	1,638	\$55,688.60	0	\$0.00	1,638	\$55,688.60
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	2750	\$34.00	\$93,500.00	1,108	\$37,655.00	0	\$0.00	1,108	\$37,655.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	475	\$3.00	\$1,425.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	32	\$4.00	\$128.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	3	\$100.00	\$300.00	16	\$1,600.00	16	\$1,600.00	0	\$0.00
M	Flotation Silt Curtain	LF	45	\$17.00	\$765.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	565	\$2.00	\$1,130.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	2	\$75.00	\$150.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	100	\$15.00	\$1,500.00	100	\$1,500.00	100	\$1,500.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	50	\$120.00	\$6,000.00	111	\$13,368.00	0	\$0.00	111	\$13,368.00
Site 14 - WHEELOCK POND MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	0	\$0.00	1	\$1,000.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	1488	\$34.00	\$50,592.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	200	\$3.00	\$600.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	35	\$4.00	\$140.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	45	\$17.00	\$765.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00

2026 Capital Improvement Project (CIP)
Ramsey-Washington Metro Watershed District
Summary of Work Completed Through February 17th, 2026 for Progress Payment Number 2

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	15	\$120.00	\$1,800.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	565	\$2.00	\$1,130.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	100	\$15.00	\$1,500.00	0	\$0.00	0	\$0.00	0	\$0.00
X	12" Bulkhead in Existing Outlet Structure	EACH	2	\$1,000.00	\$2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
Y	Remove and Dispose of Filter Piping and Appertenances	LS	1	\$1,000.00	\$1,000.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 15 - RONDEAU POND MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	0	\$0.00	0	\$0.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulate	TON	507	\$34.00	\$17,238.00	593	\$20,155.20	0	\$0.00	593	\$20,155.20
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	240	\$3.00	\$720.00	171	\$513.00	0	\$0.00	171	\$513.00
G	Sediment Log (9-Inch Diameter)	LF	16	\$4.00	\$64.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	1	\$100.00	\$100.00	1	\$100.00	0	\$0.00	1	\$100.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	10	\$120.00	\$1,200.00	19	\$2,304.00	0	\$0.00	19	\$2,304.00
P	Inlet Protection	EACH	1	\$75.00	\$75.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	45	\$17.00	\$765.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 16 - HAZEL-ROSS POND MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	4139	\$34.00	\$140,726.00	3,353	\$114,002.00	1,901	\$64,634.00	1,452	\$49,368.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	500	\$3.00	\$1,500.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	35	\$4.00	\$140.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	25	\$120.00	\$3,000.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	120	\$2.00	\$240.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	2	\$75.00	\$150.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 17 - HAZEL - NAKOMIS POND MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	1498	\$34.00	\$50,932.00	1,453	\$49,410.50	1,453	\$49,410.50	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	200	\$3.00	\$600.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	35	\$4.00	\$140.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	15	\$120.00	\$1,800.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	140	\$2.00	\$280.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	2	\$75.00	\$150.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 18 - POND 7 MAINTENANCE											
N	Construction Entrance	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Disposal of Regulate	TON	955	\$34.00	\$32,470.00	884	\$30,042.40	869	\$29,552.80	14	\$489.60
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	860	\$3.00	\$2,580.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	31	\$4.00	\$124.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	1	\$100.00	\$100.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	10	\$120.00	\$1,200.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	40	\$15.00	\$600.00	40	\$600.00	0	\$0.00	40	\$600.00
T	Silt Fence	LF	120	\$3.00	\$360.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	2	\$75.00	\$150.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	45	\$17.00	\$765.00	0	\$0.00	0	\$0.00	0	\$0.00

**2026 Capital Improvement Project (CIP)
 Ramsey-Washington Metro Watershed District
 Summary of Work Completed Through February 17th, 2026 for Progress Payment Number 2**

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
ALTERNATE BID "A" Site 19 - POND 4 MAINTENANCE NORTH ST. PAUL											
N	Construction Entrance	EACH	2	\$1,000.00	\$2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated	TON	1400	\$34.00	\$47,600.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	SY	1500	\$3.00	\$4,500.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	LF	1	\$4.00	\$4.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	EACH	1	\$100.00	\$100.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MnDOT Class III Riprap (Field Stone) with Type IV Geotextile Filter Fabric	TON	10	\$120.00	\$1,200.00	0	\$0.00	0	\$0.00	0	\$0.00
T	Silt Fence	LF	300	\$2.00	\$600.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	EACH	2	\$75.00	\$150.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	LF	45	\$17.00	\$765.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	SY	100	\$15.00	\$1,500.00	0	\$0.00	0	\$0.00	0	\$0.00

Contract Base Bid Extensions = \$877,140.00

Contract Alternate A Bid Extensions = \$58,419.00

Change Order 1											
C.O.1.A					\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
						0	\$0.00	0	\$0.00	0	\$0.00

Change Order Extensions = \$0.00

Contract Grand Total = \$935,559.00 \$416,656.90 \$183,197.30 \$233,459.60

Galowitz Olson, PLLC
10390 39th Street North
Lake Elmo, Minnesota 55042
Office: (651) 777-6960
Fax: (651) 777-8937

Page: 1
February 19, 2026
File No: 9M

Ramsey-Washington Metro Watershed District
C/O Tina Carstens
2665 Noel Drive
Little Canada MN 55117

	Balance
General Account	<u>\$542.50</u>

Payment can be made over the phone, by check, or online at
www.galowitzzolson.com

Permit Application Coversheet

Date March 04, 2026

Project Name Sunrise Park Parking Addition

Project Number 26-07

Applicant Name Tim Wald, White Bear Lake Area Schools

Type of Development Parking Lot

Property Description

This project is located at an existing school district and senior care center east of McKnight Road in the City of White Bear Lake. The applicant is proposing to construct and rehabilitate the parking areas west and north of the building. An infiltration basin is proposed to exceed stormwater treatment requirements with the additional volume proposed to be banked for future potential development. Pretreatment methods include sumped catch basins and vegetated buffer. Work will include grading within a low area mapped as 100-year floodplain, and the applicant has demonstrated no net fill to ensure no adverse flood impacts as a result of the project.

Watershed District Policies or Standards Involved:

- | | |
|--|---|
| <input type="checkbox"/> <i>Wetlands</i> | <input checked="" type="checkbox"/> <i>Erosion and Sediment Control</i> |
| <input checked="" type="checkbox"/> <i>Stormwater Management</i> | <input checked="" type="checkbox"/> <i>Floodplain</i> |

Water Quantity Considerations

The proposed stormwater management plan is sufficient to handle the runoff from the site and maintain available flood storage on the landscape.

Water Quality Considerations

Short Term

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during construction.

Long Term

The proposed stormwater management plan is sufficient to protect the long term quality of downstream water resources.

Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

- Project Location Map
- Project Grading Plan

Special Provisions

1. The applicant shall submit a revised project stormwater narrative:
 - A. **On page 3, it's unclear how the value '6,775 CF' was calculated.**
 - B. Revise discrepancies in the volume reduction section (15,135 CF vs. 15,136 CF).
 - C. **For clarity, remove the section for "Untreated New/Reconstructed Impervious" under 'Infiltration Basin #1.'**
2. The applicant shall submit the final, signed plans set including landscaping/final restoration sheets.
3. The applicant shall submit an executed stormwater maintenance agreement for the proposed infiltration basin.
4. The applicant shall submit a site-specific Operations & Maintenance Plan for the proposed infiltration basin.
5. The applicant shall add notes to the plans:
 - A. **Sheet C230: "Infiltration basin should be kept offline and protected from construction activity and clogging by sediment until all contributing areas are permanently restored."**
 - B. **Sheet C230: "The specified erosion and sediment control practices are the minimum. Additional practices may be required during the course of construction."**
6. The applicant shall revise the erosion control plan:
 - A. Recommend adding a temporary stabilization practice to the BMP quantity table
 - B. Recommend considering maintenance of BMPs when determining quantities (for example: 2 rock construction entrances will likely take several additional loads of rock during construction for maintenance).
 - C. Specify inlet protection on public roadways downstream of construction exits on Jay Lane and Cranbrook Drive.
 - D. Depict back-of-curb perimeter control where exposed soil will slope **towards a paved surface that's connected to storm sewer.**
 - E. Depict temporary erosion control stabilization BMPs in the legend on Sheet C230.
 - F. Depict staking or fencing around infiltration area on Sheet C230 to prevent compaction from construction traffic over the future infiltration area.
7. The applicant shall submit contact information for the trained/certified

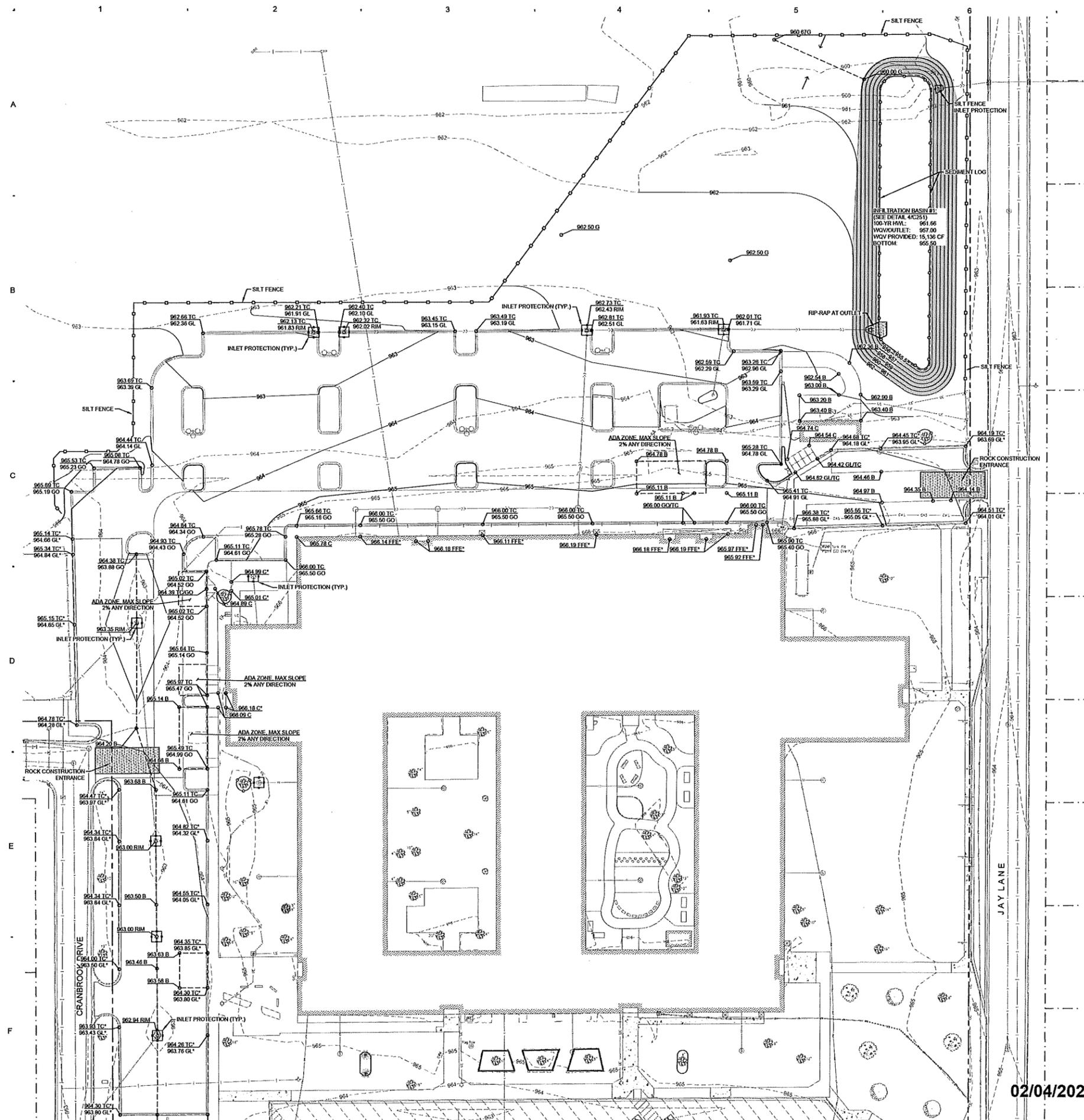
26-07

Special Provisions

erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).

8. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.

MN



SYMBOL LEGEND

- 950 --- EXISTING CONTOURS
- 950 --- PROPOSED CONTOURS - MAJOR INTERVAL
- 949 --- PROPOSED CONTOURS - MINOR INTERVAL
- - - - - GRADE BREAK LINE
- 2.0% GRADE SLOPE
- SILT FENCE
- SEDIMENT LOG
- ▨ RIP-RAP / ROCK CONST. ENTRANCE, SEE DETAIL
- ▨ EROSION CONTROL BLANKET, SEE DETAIL
- INLET PROTECTION, SEE DETAIL
- 950.00 TC
949.50 GL SPOT ABBREVIATIONS:
TC - TOP OF CURB
GL - GUTTER LINE
GO - GUTTER OUT
B - BITUMINOUS
C - CONCRETE
EO - EMERGENCY OVERFLOW
TW - TOP OF WALL
BW - BOTTOM OF WALL (FIG)
(*) - EXISTING TO BE VERIFIED
- TREE PROTECTION, SEE DETAIL 11/C251

GRADING NOTES

1. Tree protection consisting of snow fence or safety fence installed at the drip line shall be in place prior to beginning any grading or demolition work at the site.
2. All elevations with an asterisk (*) shall be field verified. If elevations vary significantly, notify the Engineer for further instructions.
3. Grades shown in paved areas represent finish elevation.
4. See sheet C260 for restoration guidance.
5. All construction shall be performed in accordance with state and local standard specifications for construction.
6. The Contractor shall keep any proposed volume reduction BMP's offline and protected from construction activities and clogging until all upstream contributing areas are permanently restored.

EROSION CONTROL NOTES

1. Erosion control blankets shall be placed on all slopes 4:1 or greater, or in areas where runoff is preventing the establishment of turf.
2. Notify Nicole Maras with the Ramsey-Washington Metro Watershed District, at 651-792-7976 at least 48 hours prior to the construction of any volume reduction BMP's.
3. Notify Nicole Maras with the Ramsey-Washington Metro Watershed District, at 651-792-7976 prior to beginning any and all construction activity for an initial SWPPP inspection.
4. See SWPPP sheets C201 for additional notes regarding erosion control management.

2026 Parking Additions

White Bear Lake High
5045 Division Avenue

Sunrise Park
2399 Cedar Avenue

ISD #624: WHITE BEAR LAKE AREA SCHOOLS
2399 Cedar Avenue
White Bear Lake, MN 55110



WOLD ARCHITECTS AND ENGINEERS
50 South 6th Street, Suite 2250
Minneapolis, Minnesota 55402
woldae.com | 651.227.7773

Larson Engineering, Inc.
3524 Labore Road
White Bear Lake, MN 55110
651.481.9120 (F) 651.481.9201
www.larsonengr.com

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

Eric G. Meyer, P.E.
Date: 02/04/2026 Lic. No.: 44592

Description	Revisions		Date
	By	Appr.	

Comm: 12246122.000
Date: _____
Drawn: MTH
Check: _____

GRADING AND EROSION CONTROL PLAN

Scale: As Indicated
WHITE BEAR LAKE - SUNRISE PARK

C230

02/04/2026 RWMWD SUBMITTAL SET
NOT FOR CONSTRUCTION



Stewardship Grant Application Summary

Project Name: Gallery 96 Bicycle Tunnel Mural

Application Number: 26-06 CS

Board Meeting Date: 3/4/2026

Applicant Name: Jeff Cooper

Residential

Commercial/Government

Project Overview:

This project is located on the Snail Lake Trail System in the tunnel under Hwy 96 at the Community Center in the City of Shoreview. The applicant is working with the Shoreview Bikeways and Trails Committee with support from City staff to propose installing a mural along the inside of the 140' tunnel that features water, nature, and native plants.

The public art installation is eligible for 50% coverage up to a total of \$15,000.

BMP type(s):

Public Art/Signage(1)

Grant Request:

\$12,500.00

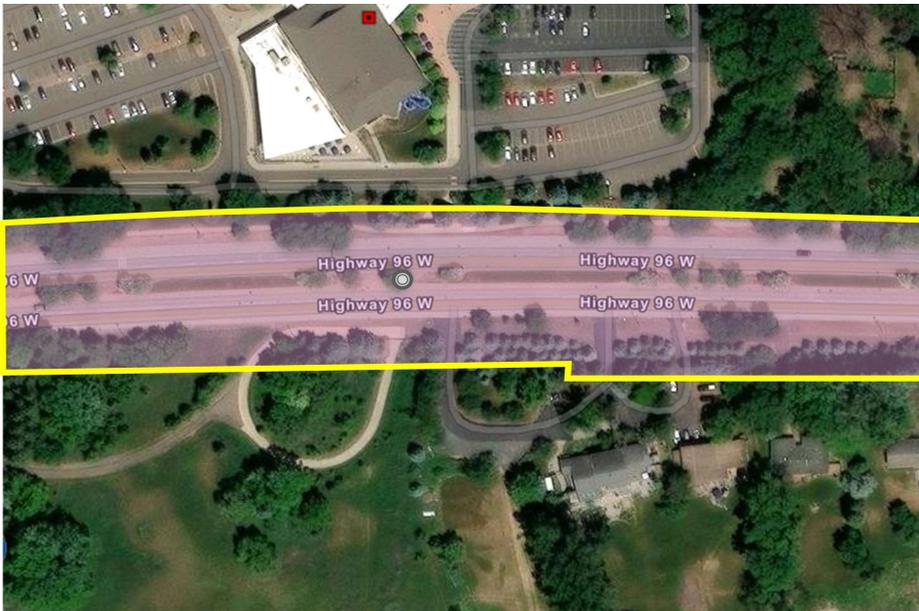
Recommendation:

Staff recommends approval of this application.

Subwatershed:

Snail Lake

Location Maps:



Stewardship Grant Application Summary

Project Name: Southwind HOA Ph 2

Application Number: 26-07 CS

Board Meeting Date: 3/4/2026

Applicant Name: Angie Greene

Residential

Commercial/Government

Project Overview:

This project is located off Beebe Rd and Southwind Rd in the City of Maplewood. The applicant is proposing to install a raingarden treatment train which will include 5 rain gardens and a vegetated swale and native restoration along the hillside. The applicant installed a native habitat restoration in 2024. The past project was approved as grant #24-25 CS for \$2,993.50.

The rain gardens and native planting are eligible for 75% and 50% coverage, respectively, up to a total of \$100,000.

BMP type(s):

Native Habitat Restoration(1), Rain Garden(5)

Grant Request:

\$53,000.00

Recommendation:

Staff recommends approval of this application.

Subwatershed:

Wakefield Lake

Location Maps:



PROJECT GENERAL NOTES:

1. CONTRACTOR TO LOCATE UTILITIES PRIOR TO BEGINNING WORK AND SECURE ANY NECESSARY PERMITS.
2. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY PERIMETER & EROSION CONTROL MEASURES DURING ANY SOIL DISTURBANCE PERIODS.
3. CONTRACTOR TO VERIFY ANY REQUIRED CHANGES WITH RCSWCD PRIOR TO INSTALLATION. MAINTAIN SQUARE FEET AND PONDING DEPTH.
4. EXISTING TREES & SHRUBS TO BE PROTECTED UNLESS OTHERWISE NOTED BY PLANS OR LANDOWNER.
5. NO MATERIALS TO BE STORED UNDER TREES. AVOID DRIVING UNDER TREES TO REDUCE COMPACTION.
6. CONTRACTOR REQUIRED TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH LANDOWNER AND RCSWCD STAFF PRIOR TO BEGINNING WORK.
7. EXACT SHAPE/LAYOUT AND ELEVATIONS OF PROPOSED PROJECTS MAY VARY. SITE VERIFY. MAINTAIN APPROXIMATE SQUARE FOOT SIZING OF ALL PROJECTS AND PROPOSED PONDING DEPTH OF RAINGARDENS.
8. PROPOSED NATIVE TREE INSTALLATIONS ARE SHOWN ON THE BELOW SITE PLAN. EXACT SPECIES & LOCATION MAY VARY WITH RCSWCD STAFF APPROVAL.
9. IRRIGATION SYSTEM IS PRESENT ON PROPERTY. CONTRACTOR TO INCLUDE IN QUOTE LINE ITEM FOR ANTICIPATED IRRIGATION REPAIR & REPLACEMENT AS NEEDED TO FACILITATE GRADING ACTIVITIES. COORDINATE WITH LANDOWNER AND EXISTING IRRIGATION SERVICES COMPANY.
10. CONTRACTOR TO HAND DIG TO VERIFY LOCATION & DEPTH OF UNDERGROUND UTILITIES NEAR PROJECT AREA (WEST SIDE OF PROPERTY) PRIOR TO MACHINE EXCAVATION FOR RAINGARDEN #5 AND PROPOSED RETAINING WALL & DRAINTILE WORK.

DEMOLITION/REMOVAL NOTES:

1. REMOVE & STUMP GRIND TWO EXISTING TREES PER LOCATIONS NOTED ON PLAN BELOW.
2. REMOVE ALL EXISTING VEGETATION WITHIN PROPOSED PROJECT AREAS. (TURF GRASS REMOVAL - 2 HERBICIDE APPLICATIONS OR APPROVED EQUIVALENT REMOVAL METHOD)
3. REMOVE EXISTING LIMESTONE RIP RAP AREA AT LOCATION SHOWN ON PLAN BELOW.
4. REMOVE AND SAVE STONE FROM DRY STACK WALL ALONG PATHWAY AS SHOWN ON PLAN BELOW. UTILIZE REMOVED STONE TO REBUILD WALL IN SHIFTED CONFIGURATION AS SHOWN ON LAYOUT PLAN.
5. RE-GRADE STORMWATER SWALE TO ENSURE POSITIVE DRAINAGE IN PATTERN SHOWN VIA ARROWS IN BELOW PLAN DRAWING.
6. CREATE CLEAN CUTS ON ANY LARGER TREE ROOTS THAT NEED TO BE REMOVED TO FACILITATE IN RE-GRADING OF STORMWATER SWALE AREA.

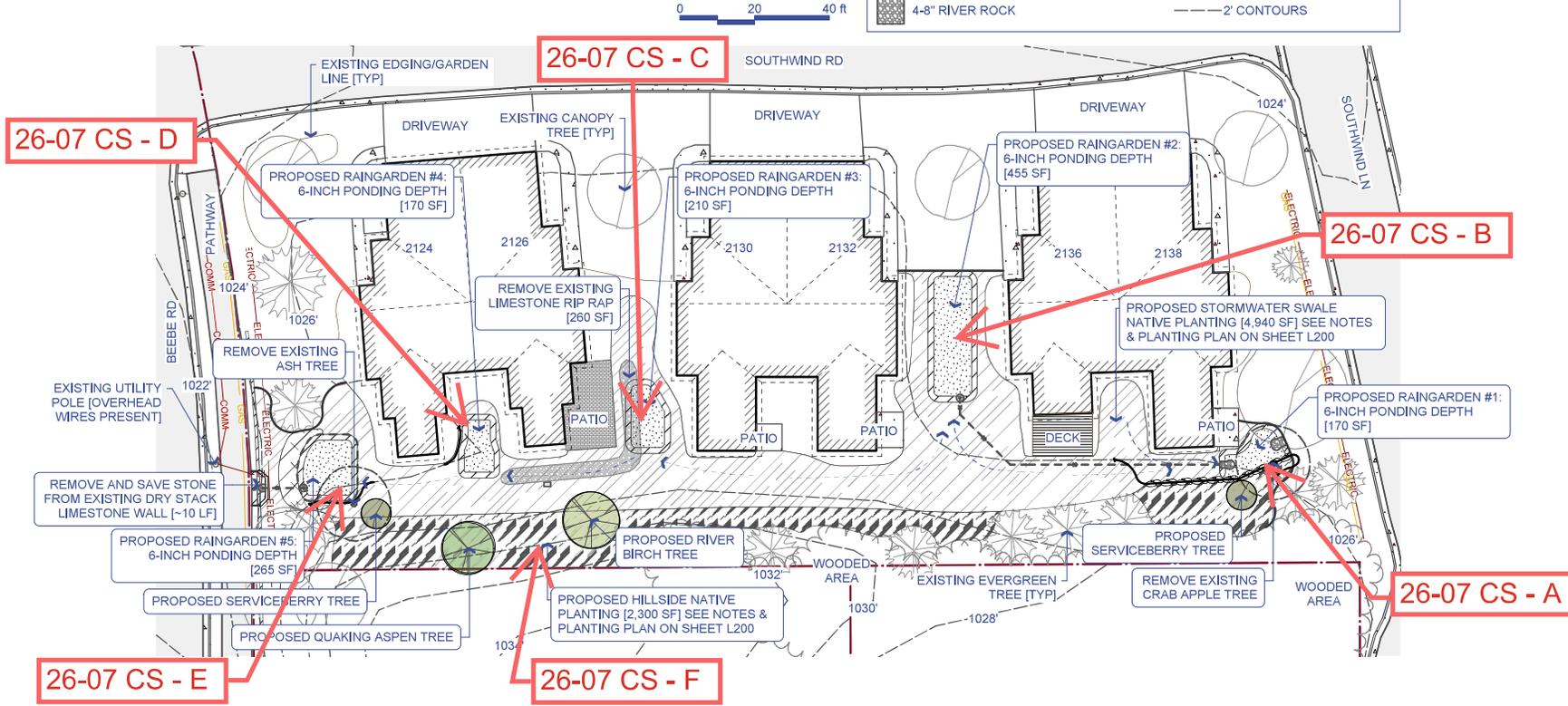
INDEX OF SHEETS

L100:	SITE PLAN & REMOVALS PLAN
L101:	LAYOUT PLAN - RAINGARDEN #1
L102:	LAYOUT PLAN - RAINGARDEN #2
L103:	LAYOUT PLAN RAINGARDEN #3 & #4
L104:	LAYOUT PLAN RAINGARDEN #5
L200:	PLANTING PLAN - SWALE & HILLSIDE
L201:	PLANTING PLAN - RAINGARDEN #1
L202:	PLANTING PLAN - RAINGARDEN #2
L203:	PLANTING PLAN - RAINGARDEN #3 & #4
L204:	PLANTING PLAN - RAINGARDEN #5
L300:	SITE DETAILS & SPECIFICATIONS
L301:	SITE DETAILS & SPECIFICATIONS

THIS PLAN SET CONTAINS 12 SHEETS

PLAN LEGEND:

	PROPOSED WATER FLOW PATH		SOLID DRAINTILE
	STORMWATER SWALE PLANTING		HILLSIDE NATIVE PLANTING
	FLAT RAINGARDEN BASIN		PROPOSED BOULDER WALL
	RAINGARDEN 3H:1V SIDE SLOPES		PROPERTY LINE [APPROX]
	4-8" RIVER ROCK		2' CONTOURS



RAMSEY COUNTY

RAMSEY COUNTY SWCD
 2015 VAN DYKE STREET
 MAPLEWOOD, MN 55109
 651-266-7280
 www.ramseycounty.us

PROJECT:
SOUTHWINDS HOA

LOCATION:
2124-2138 SOUTHWIND RD
MAPLEWOOD, MN 55109

WATERSHED DISTRICT:

DESIGNER: BRIAN T. OLSEN
 DATE: 10/30/2025
 PAST REVISION:
 PAST REVISION:
 PAST REVISION:
 CHECKED BY:
 TAA:

NOTES:

- ELEVATIONS ARE APPROXIMATE
- UTILITY LOCATIONS ARE APPROXIMATE, CONFIRM LOCATIONS PRIOR TO WORK
- CONTRACTOR ACQUIRE NECESSARY PERMITS PRIOR TO START
- EXCAVATE WITH TRACKED EQUIPMENT ONLY
- SIZE AND SHAPE OF PROJECT MAY VARY, VERIFY CHANGES WITH RCSWCD STAFF PRIOR TO INSTALL
- ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=30'-0"

SITE & REMOVALS PLAN

L100

* * * * *

Permit Program

* * * * *



REGULATORY PROGRAM MONTHLY MEMORANDUM

Date: March 4th, 2026

To: Board of Managers and Staff

From: Nicole Maras, Regulatory Program Manager
Mary Fitzgerald, Regulatory Specialist
Kendra Kloth, Regulatory Technician

During February 2026:

Number of Inspections	20
Number of Violations:	2
Install/Maintain Perimeter Control	2

Inspections in past months	
January	11
December	8
November	34

Permit Program- Trainings and Coordination Meetings:

2/2: Teaching U of M Construction Installer Certification class in Mankato
2/2: Roseville Climate Equity action planning meeting
2/3: BWSR Wetland Conservation Act 101 training refresher
2/3: 2026 MN Lake Management Symposium
2/11: RWMWD, CRWD, and St. Paul staff coordination meeting
2/11: Maplewood Environmental Commission presentation
2/12: Mississippi WMO CAC meeting
2/12: Woodbury regional BMP informational meeting
2/13: Bailey West (formerly Bailey Nursery) permit submittal informational meeting
2/17: ISD 622 stormwater facility inspections & maintenance meeting
2/18: Metro Transit retrofit project meeting re: Hwy 36 and Rice St Park and Ride
2/18: 20-37 Maplewood Living initial erosion control walk-through
2/18: Watershed Equity Alliance monthly meeting
2/19: Stormwater Seminar Series: The Green Stormwater Revolution
2/19: Oakdale SIP 2026 project planning meeting
2/24: Rice Creek Watershed District regulatory program planning session
2/25: Century Ponds permit discussion with developers, City of Maplewood
2/26: MPCA staff coordination meeting

Single Lot Residential Permits Approved by Staff:

None

Permits Closed:

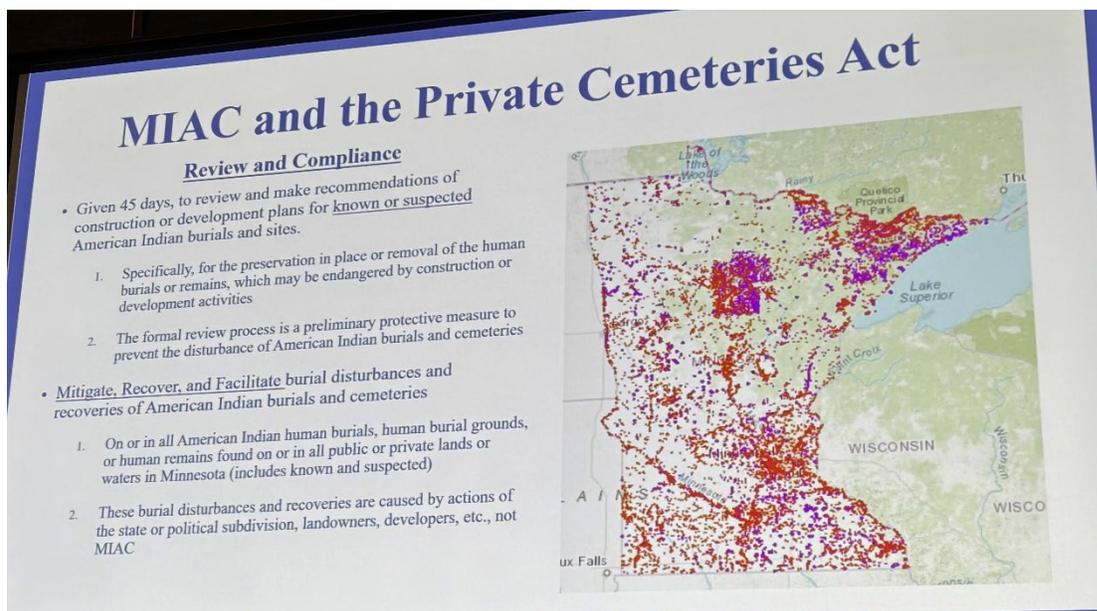
None

Program Updates:

Mary, Kendra and Cooper attended the Minnesota Erosion Control Association (MECA) Conference on January 28th-29th. The conference was hosted in Mankato, MN and had a variety of topics related to construction inspections, soil health, MS4, project planning, and more. Mary also co-instructed the U of M's Small Construction Sites training workshop on January 27th. Below each staff member will detail their favorite talk from the conference.

Mary: I attended a talk titled "Understanding Archaeology & Human Remains Concerns." The title certainly caught my attention, and I was curious to learn more. I had thought to myself that it seemed like a rare topic but to my surprise it comes up a lot more often than most realize. The presenters talked through the process of managing burial sites and cemeteries in Minnesota, what to do if you come across remains on your project site, and how to help these agencies protect and preserve historical and cultural resources. They provided a public map inventory that shows locations of known or potential burial sites, which is quite extensive in Minnesota. I have shared this information with project managers in our office, and now have this information in my back pocket if it ever comes up in my career.



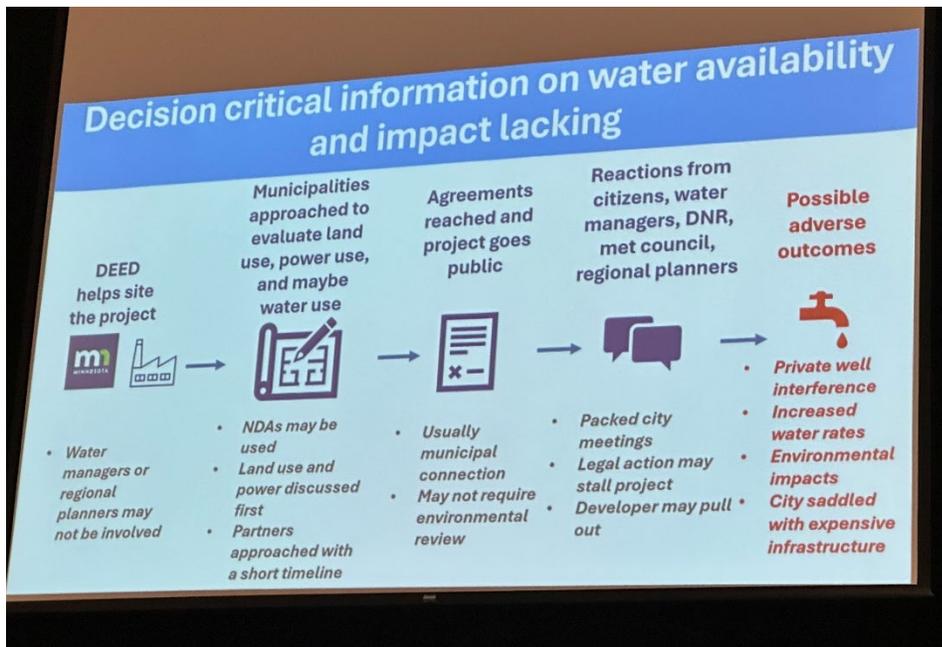


Kendra: I found Dr. Carrie Jennings’s (Freshwater) talk titled “Balancing Innovation and Sustainability: Data Centers and Minnesota’s Groundwater” to be the most interesting. I didn’t know much about data centers prior to this talk, so I was looking forward to really diving into their uses and environmental impacts. What surprised me was how developers don’t really consider the local water use when they choose locations for these centers, given that they use lots of water for cooling. I was also surprised (and disappointed) to hear that a lot of states are not as prepared on the legislative level to regulate these centers compared to Minnesota-to which I feel we still need improvements (MN 2025 Statutes 103G.261).

Overall, I thought the presenter did a great job explaining the details of these facilities, and I feel much more knowledgeable about their development process. Now when I hear about data centers going up in Minnesota, I know what things to look for- what methods for cooling are they proposing, if they are transparent in their data and reporting, etc. On a professional level I feel like I have a lot more understanding of data centers and can look for these things in future permitting if it comes up.

Cooper: I also found the “Balancing Innovation and Sustainability: Data Centers and Minnesota’s Groundwater” talk by Dr. Carrie Jennings to be the most interesting session of the conference. I found it to be incredibly informative as Dr. Jennings explained the impact that these data centers can have on our local groundwater supplies. Like Kendra, I was surprised to learn that even though data centers rely on water to cool their systems, it is access to the nationwide electrical grid that often dictates where data centers are located.

I also found Dr. Andy Erickson’s presentation “Stormwater BMP Inspection and Maintenance Resource Guide” to be very informative. He provided a look into some of the research on BMP maintenance that has been happening at the St. Anthony Falls Laboratory, which has led to updates to the Stormwater BMP Inspection and Maintenance Resource Guide. Since I am still quite new to BMP inspections, this presentation was very informative, and I appreciate having another resource that I can consult.



Project Updates:

A significant warm period the week of February 9th prompted several erosion control inspections to check on site conditions. Our team found many newly unearthed sediment control BMPs that were previously buried by snow. Some practices were found to be intact, while others needed replacement due to damage from snowplows, vehicles, and general activity. These findings were communicated to sites quickly to ensure they could be repaired prior to snow expected later that week. Our inspectors also communicated with many sites to get their construction exits improved due to the thawing of the top couple inches of the ground, leading to muddy conditions and increased sediment track-out.





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Stewardship Grant Program

* * * * *

Stewardship Grant Program Budget Status Update

March 4, 2026

		Last Month	This Month	Last Month	This Month
Homeowner	Coverage	Number of Projects: 1	Number of Projects: 1	Funds Allocated	Funds Allocated
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max	1	1	\$6,400	\$6,400
Rain garden w/hard surface drainage	75% Cost Share \$15,000 Max	0	0	\$0	\$0
Shoreland Restoration	100% Cost Share \$15,000 Max	0	0	\$0	\$0

		Last Month	This Month	Last Month	This Month
Commercial, School, Government, Church, Associations, etc.	Coverage	Number of Projects: 4	Number of Projects: 6	Funds Allocated	Funds Allocated
Habitat Restoration	50% Cost Share \$15,000 Max	1	1	\$45,000	\$45,000
Shoreland Restoration (below 100-year flood elevation w/actively eroding banks)	100% Cost Share \$100,000 Max	0	0	\$0	\$0
Priority Area Projects (Water Quality)	100% Cost Share \$100,000 Max	1	2	\$68,100	\$121,100*
Non-Priority Area Projects (Water Quality)	75% Cost Share \$50,000 Max	0	0	\$0	\$0
Priority Chloride Projects (Impaired, at-risk) (\$150,000 reserved – all chloride)	100% Cost Share \$100,000 Max	0	0	\$0	\$0
Non-Priority Chloride Projects (Not impaired or at-risk)	75% Cost Share \$50,000 Max	0	0	\$0	\$0
Community Partner (\$100,000 reserved)	50-100% Cost Share \$25,000 Max	-	-	-	-
Public Art	50% Cost Share \$15,000 Max	0	1	\$0	\$12,500*
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max	0	0	\$0	\$0
Enhanced Street Sweeping (\$350,000 Reserved)	Varies Cost Share \$100,000 Max	2	2	\$180,000	\$180,000

Maintenance	50% Cost Share \$7,500 Max for 5 Years	85	85	\$79,505	\$79,505
Consultant Fees				\$0	\$1,088
Total Allocated				\$379,005	\$445,592

*includes funds to be approved at current board meeting

** includes staff approvals since previous board meeting

2026 Stewardship Grant Program Budget		
	Last Month	This Month
Budget	\$1,500,000	\$1,500,000
Total Funds Allocated	\$379,005	\$445,592
Total Available Funds	\$1,120,995	\$1,054,408

* * * * *

Action Items

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Request for Board Action

Board Meeting Date: March 4, 2026

Agenda Item No: 8A

Preparer: Tina Carstens, Administrator

Item Description: Board of Managers 2026 Annual Meeting

Background:

The following is official business for the board to take action on at this annual meeting:

1. Board Governance Manual

I have attached the approved Board Governance Manual for your review and approval. This Manual was developed in 2024, and no changes were made for your review this year. If you have any suggested changes, we can discuss them at the meeting and approve the manual for use in 2026 with those changes.

2. Elections of Officers

The board must select a president, vice president, treasurer, and secretary. The current officers are as follows:

President	Val Eisele
Vice President	Bengamin Karp
Treasurer	Stephanie Wang
Secretary	Mark Gernes

The **President** will serve as the chairperson for all meetings, be a signatory to the District's account, and sign contracts or correspondence as approved by the board. The president will always have full voting privileges and does not need to confine their voting to break ties of the managers. The president may also work with the administrator to develop monthly meeting agendas.

The **Vice President** will perform the President's duties in the event of an absence. The Vice President is also responsible for serving as the board's personnel representative.

The **Treasurer** will be a signatory on District accounts and sign the monthly checks at each month's board meeting. The duties of preparing monthly records and reports to describe the District's financial condition and arranging for an annual audit are delegated to district staff.

The **Secretary** will ensure meeting minutes are prepared and approved by the board and will sign documents requiring multiple signatures. The preparation and distribution of the

meeting minutes and the proper posting of the meeting notice are delegated to district staff.

Staff recommendation is for the board to elect its president, vice president, treasurer, and secretary for 2026.

3. Community Advisory Committee Membership, Board Liaison Appointment, and Activities

Below is the membership list for the CAC proposed for 2026. Staff will recruit members from the available representative categories over the next year.

First Name	Last Name	Representing
Cliff	Aichinger	At-large
Dana	Larsen-Ramsay	Business Community
Gary	Nelson	Maplewood
Gary	Schroeder	White Bear Lake
Glen	Olson	North St. Paul
Jennifer	Wickre	Environmental Agency
John	Chikkala	Woodbury
Karen	Wold	Master Naturalist
Megan	Taylor	At-large
Rachel	Finberg	At-large
Randee	Edmundson	Schools
Scott	Ramsay	Shoreview
Stuart	Knappmiller	Saint Paul

The following are the 2026 work plan items for the CAC:

- Outreach & engagement volunteer program (continued support)
- Watershed Management Plan (continued support)
- Chloride outreach & education
- CAC rain garden or buckthorn cleanup project – CAC, Staff, Carrie
- CAC/LEAP Team planting
- WaterFest Support
- Watershed Excellence Awards & Volunteer Recognition Dinner planning
- LEAP Program nominations & subcommittee (Environmental Forum)
- Standardize bringing in staff as guest speakers twice per year to review RWMWD programs
- Explore if there are citizen science opportunities that would support RWMWD's work
- Seek opportunities to learn about contaminants of emerging concern (Mercury, PFAS)

The board should designate a CAC liaison.

Staff recommends the board approve the CAC membership, select a board liaison to the committee, and approve the 2026 work plan suggestions.

4. Consulting Staff Selection

Every two years, we are required to publish a public notice soliciting proposals for our consulting services. We do this for our engineer, attorney, and accountant. The public notice is also published on our website. Those proposals were received by staff and sent to the board separately from this board packet to respect the Minnesota Data Practices Act.

We received proposals from the following firms, as listed below, in each category.

Engineer: Barr Engineering
Attorney: Galowitz Olson
Accountant: Redpath and Company

Staff recommends the board appoint their choices for Engineer, Attorney, and Accountant for next year.

5. Official Designations

A final item of business is to designate the District's official newspapers and banking institution. Current appointments for each of these items are as follows:

Official Bank of Deposit: 4M Fund with League of Minnesota Cities: US Bank

Official Newspapers: St. Paul Pioneer Press

Staff recommendation is to approve the 4M Fund with LMC: US Bank as our Official Bank of Deposit and the St. Paul Pioneer Press as our Official Newspaper for 2026.

Applicable District Goal and Action Item:

Goal: Manage organization effectively: The District will operate in a manner that achieves its mission while adhering to its core principles.

Action Item: Follow all legal requirements applicable to watershed districts.

Staff Recommendation:

Staff recommends appointing the board officers, consulting staff, community advisory committee members, the official bank of deposit, and the official newspapers, as shown above.

Financial Implications:

None

Board Action Requested:

Appoint board officers, community advisory committee members, and designate the desired consulting staff, official bank of deposit, and official newspapers.



RWMWD

Ramsey-Washington Metro Watershed District

Governance Manual – Introduction

March 4, 2026

Ramsey-Washington Metro Watershed District (RWMWD) is a special-purpose unit of government established under Minnesota Statutes chapters 103B and 103D. RWMWD is governed by a five-member Board of Managers, four of whom are appointed by the Ramsey County Board of Commissioners and one by the Washington County Board of Commissioners. The day-to-day operations of RWMWD are managed and directed by an Administrator, who implements the watershed management plan adopted by the Board of Managers.

The manual will be annually reviewed at the Board of Managers' business meeting (typically in March) and updated as necessary.

RWMWD staff and contractors are expected to conduct RWMWD business in accordance with the manual and to alert the Board of Managers to any improvements or additions needed.

Except as explicitly provided by law, this governance manual is for the internal guidance of the RWMWD and does not create any rights in any third party. Except as constrained by law, the Board of Managers retains its discretion to deviate from a policy herein, such as, in its judgment, circumstances warrant.

Bylaws

Ramsey-Washington Metro Watershed District

Originally Adopted: June 27, 1975

Revised: January 7, 2009

Last Revised: March 6, 2024

These bylaws establish rules governing the conduct and procedure of the Managers of the Ramsey-Washington Metro Watershed District.

Section 1. Place of Meeting. The Ramsey–Washington Metro Watershed District's principal place of business shall be 2665 Noel Drive, Little Canada, Minnesota, 55117 (“District Office”). The standard regular meeting place shall be in the Board Room at the above address, provided that the Managers may adjourn to other meeting places within the District by posting notice of the adjourned meeting place at least twenty-four hours before the meeting.

Section 2. Regular Meetings. The Ramsey -Washington Metro Watershed District shall meet on the first Wednesday of the month and at other times as the Managers shall determine.

Section 2A. Posting. Notice of meetings other than the regular monthly meeting shall be posted in a conspicuous place at the District Office at least 72 hours before said meeting, and comply with all requirements of Minnesota Statutes § 13D.04.

Section 2B. Call of Meeting by Manager. Any Manager may call a meeting other than the regular monthly meetings. If a Manager does so, this shall cause written notice of said meeting to be mailed to each Manager at least eight days before the meeting. The eight-day written notice requirement may be waived by any Manager by their consent in a form adopted by the Board either before or after the meeting to which notice was to be given.

Section 2C. Conducting the Meetings. The meetings shall be presided over by the President or Vice President in their absence. In the absence of the President or Vice President, the remaining Managers shall appoint a President Pro Tem. Except where a public meeting is provided by Minnesota Statutes Chapter 103D and 103B, the meetings are of the Managers only, with speaking and voting privileges granted only to them. The meetings of the Managers, however, shall be open meetings, and the President or any two Managers may call upon other persons to speak on any question before the Managers. The meetings of the Managers shall be informal, but questions of parliamentary procedure shall be resolved by the application of Robert's Rules of Parliamentary Law, Current Revised Edition. Unless otherwise specified in the call for meeting, meetings other than the regular monthly meetings are also regular meetings of the District. At a regular meeting, anything that may properly be brought before the managers can be considered.

Section 2D. Minutes. The Secretary shall cause the preparation and distribution of minutes of all meetings of the Managers. The minutes shall constitute an official record of the proceedings and be reviewed and approved by the Managers. The original minutes shall be

filed and recorded in the office of the Managers, and copies shall be furnished to each Manager.

Section 3. Special Meetings. A special meeting of the Managers is called to conduct certain specified business, and the Managers may only consider such matters. In all other respects, Sections 1 and 2 of the bylaws shall also apply to special meetings.

Section 4. Annual Meeting. The annual meeting of the Ramsey-Washington Metro Watershed District will be held at the regular meeting in March of each year. At the annual meeting, the Managers will elect officers for the District for the term of April of the current year through March of the following year. The Managers will elect the following officers among themselves: President, Vice President, Secretary, and Treasurer. In addition to the election of officers, the Managers shall appoint or reappoint for the ensuing year a bank or depository for funds of the District, a consulting engineer, legal counsel, and other professional assistance as the District may require. Upon motion being made and carried out, these appointments may be continued for action at a subsequent meeting, in which event the appointments continue until terminated or renewed. In all other respects, Sections 1 and 2 of the bylaws shall also apply to annual meetings.

Section 5. Public Meetings. Public hearings or meetings of the Ramsey-Washington Metro Watershed District are governed by Minnesota Statutes Chapters 103D, 103B, and 13D, these bylaws, and Robert's Rules of Parliamentary Law, Current Revised Edition. The President may refuse to recognize anyone appearing before the Board who has already spoken twice on any question.

Section 6. Voting. The President has full voting privileges at all times and may vote on any issue and need not confine their voting to break ties in voting by the Managers.

Section 7. Electronic Communication. Providing there is no violation of the open meeting laws pursuant to the State of Minnesota, the Managers may use electronic forms of communication, including, but not limited to, interactive television and computers.

Section 8. Quorum. A quorum shall consist of any three Managers present. No meeting shall be opened without a quorum.

Section 9. Rules of Procedure. The President may appoint a Parliamentarian who may be one of the Managers or the attorney for the District. The function of the Parliamentarian is to advise the President at their request. The conduct and procedure not provided herein are governed by Minnesota Statutes Chapter 103D and 103B and Robert's Rules of Parliamentary Law, Current Revised Edition.

Section 10. Adoption and Revision. A majority vote of the Managers may adopt these bylaws. Thereafter, suspension or revision of these bylaws shall require the affirmative votes of four of the Managers.

Section 11. Compliance. These bylaws are intended to be consistent with applicable provisions of Minnesota Statutes Sections 103D and 103B. In all cases of omission or error, the requirements of Minnesota Statutes or other applicable law will govern.

General Governance of the Board

I. BOARD OF MANAGERS GOVERNANCE PRINCIPLES

The Ramsey-Washington Metro Watershed District board (Board) governs consistently with the District's vision, mission, and goals identified in the watershed management plan.

The Board commits to conducting its business in accordance with the highest ethical, legal, and fiduciary standards. Board members shall act solely on behalf of and for the benefit of the District, not for the benefit of themselves, their employer, their place of business, or any other individual interest.

A spirit of openness, sincerity, and mutual respect for others' input and opinions is critical to the Board's ability to govern effectively. Board members are expected to spend the time necessary to be informed on the issues and attend meetings and District events as necessary.

II. ROLE OF THE BOARD

A. As a whole, the Board is expected to fulfill the following roles:

1. Determine and uphold the District's mission.
2. Hire, support, and assess the Administrator.
3. Support the Administrator in determining staff positions.
4. Ensure an effective strategic planning process by setting short- and long-term goals and program and project priorities and documenting them in the watershed management plan.
5. Ensure adequate resources such as structure, funds, time, volunteers, staff, and technology. Complete the required yearly budget and levy process.
6. Develop, monitor, and strengthen the District's programs and services.
7. Ensure legal and ethical integrity, maintain accountability, and exercise fiduciary oversight. Disclose potential and actual conflicts of interest.
8. Elect officers of the President, Vice President, Secretary, and Treasurer.

III. ROLE OF AN INDIVIDUAL BOARD MEMBER

A. General Expectations

1. Know the District's vision, mission, goals, policies, programs, services, strengths, and needs.
2. Perform duties of board membership responsibly and with energy and enthusiasm.
3. Be an active advocate for the District's policies and programs.
4. Approach issues with an open mind, objectively evaluating all input and information.

B. Meetings

1. Prepare for and actively participate in board meetings.
2. Willingly serve on committees as needed.
3. Maintain confidentiality of the Board's executive sessions and protect the disclosure of private and confidential information.
4. Suggest agenda items as needed to ensure that significant, policy-related matters are addressed.

C. Decision-making

1. Each board member is expected to be actively involved in board discussions. Board members must share their opinions, listen to others', and try to see the issues from a variety of perspectives that other board members may bring. If a board member holds a view that has not been voiced, it is their obligation to share it during the board meeting – not simply before or after a meeting.
2. Any board member who believes that they have a conflict of interest on any decision must disclose it before the discussion begins and recuse themselves from the discussion and vote.
3. In deciding how to vote, board members are expected to consider the collective interests of all residents within the District and vote with what they believe to be the common interest.

4. After a vote, unless the decision violates their core value, each board member is expected to support the Board's majority decision.

D. Speaking on District Board Matters

1. If it is asked or inferred that an individual board member speaks on behalf of the District, board members should defer to the staff administrator and the President. All comments should refer to official district policies and positions.
2. When speaking on district matters in a public setting, board members should be clear if they are representing the District or their personal opinions as a resident of the District.

E. Relationships with Staff

1. Provide advice and support to the district administrator. Keep most communication with the Administrator or request to consult with other district staff.
2. Avoid asking for special staff favors, including special requests for extensive information, without prior consultation with the Administrator or President.

F. Managing Conflicts

1. Serve and respect the organization and its mission. Avoid representing any special interest group or constituency.
2. Maintain independence and objectivity and do what a sense of fairness, ethics, and personal integrity dictate.
3. Except in limited circumstances permitted under Minnesota law, never accept or offer gifts from or to anyone who does business with the District.

G. Financial Management

1. Ensure financial solvency, accountability, and the efficient and effective use of funds. Seek clarity from the Administrator when questions arise.
2. Ensure an annual audit is conducted.
3. Approve monthly expenses.

IV. ROLE OF MEMBERS SERVING IN OFFICER POSITIONS

A. President

1. Ensure that the Board and individual members fulfill their responsibilities for the governance of the District and adhere to the Board's governance principles.
2. Be a partner to the Administrator in helping to achieve the District's mission. Provide support and encouragement to the Administrator.
3. Facilitate a productive, mutually respectful relationship between the Board and staff.
4. Assist the Administrator in setting the agenda for each meeting.
5. Chair meetings of the Board, ensuring that the Board functions effectively, interacts with staff optimally, and fulfills all its duties, including reaching timely decisions. In leading discussions, work to ensure that all members participate and that all points of view are fully expressed before a vote is taken.
6. Sign and deliver in the name of the District any contracts, deeds, correspondence, or other instruments pertaining to the business of the District, as authorized by the Board.
7. Be a signatory to the District's financial accounts.
8. The President has full voting privileges, may vote on any issue, and does not need to confine their voting to break ties.

B. Vice-President

1. Fulfill any delegable roles and responsibilities of the President as requested by the President. In the absence or disability of the President, the Vice President shall act as President.
2. Serve as the personnel committee of the Board and facilitate an annual review of the Administrator's performance and compensation.
3. Be a signatory to the District's financial accounts.

C. Treasurer

1. Be a signatory to watershed accounts and financial records.
2. Primary reviewer of District financial records.

3. The following treasurer responsibilities are delegated to district staff under the direction of the Board of managers: Develop and maintain the District's financial accounts and records; arrange for the annual audit of the District's financial records; and provide the Board with monthly reports of records to describe the financial condition; deposit all monies, drafts, and checks in the name of and to the credit of the District at such banks and depositories as the Board may approve.

D. Secretary

1. Certify levies, records, and proceedings of the District with their signature.
2. Be a signatory on district financial accounts.
3. The following secretary responsibilities are delegated to district staff: oversee the preparation and distribution of the minutes of all meetings of the District; distribute minutes in advance of meetings; suspend oral reading of minutes at regular meetings; maintain all approved and revised meeting minutes at the district office and oversee the preparation and proper notice of all meetings called by the district board.

District Governance Policies

The following general governance policies help ensure the sound administration of the district's business and the continued focus of district resources on protecting and improving the water resources in the Ramsey-Washington Metro Watershed District.

I. Contracting

- A. The Board of Managers may delegate the authority to approve work change directives and change orders to the Administrator. The Administrator may require a district contractor to secure additional or replacement payment and/or performance bonds to cover any increase in the price of a district project resulting from a change order approved by the Administrator. A change order approved by the Administrator under delegated authority will be presented to the Board of Managers at its next meeting for approval and signature.

II. Per diems

- A. Managers may receive one per diem payment per day for participation in a meeting of the Board of Managers and other necessary meetings and duties. Per diem payments will be provided at rates and for activities and necessary duties as established by the Board of Managers and indicated on the per diem request form. The per diem claim forms shall be submitted to district staff for processing.

III. Records Management and Retention

- A. The District will make and preserve all records necessary to ensure the availability of a full and accurate accounting of the District's official activities.
- B. The District will adopt and maintain a records retention schedule to be approved by the state archives office, governing the retention and/or disposal of records created by the District. (document will be in the appendix)
- C. In keeping with the direction of the Uniform Electronic Transactions Act, the District will create and retain its records in electronic form to the greatest extent possible.
- D. The Administrator is the responsible authority for purposes of district compliance with the Data Practices Act, Minnesota Statutes chapter 13.
- E. The Administrator is the data practices compliance official for district compliance with the Data Practices Act.

IV. Delegated Authority

- A. No employee of the District may exercise authority beyond that allocated to the Administrator by the District's bylaws and policies that constitute the Governance Manual.
- B. Authority delegated to the Administrator may not be delegated to other employees or contractors.
- C. Duties assigned to the Administrator may be delegated to other employees or contractors by the Administrator. However, the Administrator will remain responsible to the Board of Managers for properly executing all delegated duties.
- D. The Administrator may not commit funds outside of the approved budget without the approval of the Board of Managers.

V. Managers' Authority

- A. No manager may speak on behalf of the District unless authorized by the Board of Managers.
- B. No individual manager may provide direction, instructions, or authorization to the Administrator unless specifically authorized by the Board of Managers.

Schedule of Regular Activities

The District will observe the following schedule of required activities to ensure continued compliance with laws and regulations:

- A. The District conducts its annual business meeting in March. At that meeting, the Board of Managers:
 - i. Elect officers of President, Vice President, Treasurer, and Secretary.
 - ii. Approves a schedule of meetings of the Board of Managers for the ensuing year.
 - iii. Names a district depository bank and an official newspaper for publication of notices.
 - iv. Reviews the District's Community Advisory Committee membership.
 - v. Reviews and, as necessary, directs the preparation of updates to its governance manual.
- B. The District annually publishes at least one newsletter or other watershed-wide communication that explains the District's programs and project activities. The Board of Managers' contact information will be maintained on the district website.
- C. The District biennially solicits engineering, legal, auditing, accounting, and other professional service proposals following Minnesota Statutes.
- D. The District annually audits its accounts and expenditures following Minnesota Statutes.
- E. The District annually submits to the Board of Water and Sewer Resources a financial, activity, and audit report each year by May 1 (within 180 days of the end of the District's financial year), following Minnesota Statutes.
- F. As the Data Practices Act's responsible authority, the Administrator reviews the District's DPA policy and associated protocols annually to ensure harmony with current law following Minnesota Statutes.
- G. Annually, on or before September 30, the District holds a public hearing on its budget for the next year and the total amount of funding necessary to be raised from ad valorem tax levies to meet the budget. After the hearing and considering comments received, the Board adopts the budget and levy, which is then certified to Ramsey and Washington Counties. A final opportunity for citizens to comment on the budget and levy is available at the District's December meeting of the Board before final budget and levy approval.

Request for Board Action

Board Meeting Date: March 4, 2026

Agenda Item No: 8B

Preparer: Tina Carstens, Administrator

Item Description: Gustavus Adolphus Targeted Retrofit Accept Plans & Solicit Bids

Background:

See the attached memo for more information on the Gustavus Adolphus targeted retrofit project.

Staff has prepared the preliminary design for the project and is seeking board authorization at the meeting to proceed with bidding. The engineer's opinion of the cost for construction is \$329,000.

If the board deems it appropriate, they should consider a motion that "approves the preliminary design, estimate of probable costs, and expected schedule, and directs the staff to prepare the bidding documents and advertise the project for bid". Staff will present bids for the work at the April board meeting.

Applicable District Goal and Action Item:

Goal: Achieve quality surface water – The District will maintain or improve surface water quality to support healthy ecosystems and provide the public with a wide range of water-based benefits.

Action Item: Implement retrofit water quality improvement projects.

Staff Recommendation:

Staff recommends that the Board approve the preliminary design, estimated costs, and proposed project schedule, and direct staff to finalize the design and bidding documents and advertise the project for bid.

Financial Implications:

This project will be funded through our Targeted Retrofit Fund.

Board Action Requested:

Approve the preliminary design, estimated costs, and proposed project schedule, and direct staff to finalize the design and bidding documents and advertise the project for bid.

Memorandum

To: RWMWD Board of Managers
From: Marcy Bean, Tyler Olsen, Owen Richey, Elli Zajkowski, Andrew Papke-Larson
Subject: 2026 Targeted Retrofit Projects- Gustavus Adolphus - Request for Bidding Authorization
Date: February 24, 2026
c: Paige Ahlborg and Tina Carstens

Summary

The purpose of RWMWD's Targeted Retrofit program is to design, provide bid assistance for, and oversee the construction of BMP retrofits on previously identified commercial, school, and faith-based properties throughout the District. The location of the 2026 Targeted Retrofit Project – Gustavus Adolphus - proposed for construction is shown in Figures 1 and 2 below.



Gustavus Adolphus Lutheran Church (St. Paul): On approximately 5-acres near Lake Phalen, Gustavus Adolphus is located at 1669 Arcade Street, on the border of Maplewood. The church has been in this location since 1959 and serves a diverse community. In addition to the church, other services are provided at the site, including Merrick Community Services and food shelf and Monarch Montessori School.

Figure 1: Gustavus Adolphus Church proximity to Lake Phalen

The property is approximately 65% impervious with parking that often is underutilized, though it hosts parking during the Minnesota State Fair and local food trucks. Over time, the interior orientation of the building has shifted, resulting in outdoor spaces that are no longer used as designed. This includes vehicular drop off at what was the front door off of Maplewood Drive. This driveway was cut off from Arcade Street during its reconstruction in early 2025.

Expanding on concepts developed by Ramsey County Soil and Water Conservation Division, Barr proposed removal of pavement to add stormwater basins with native seeding and planting to retrofit the church parking lot and former drop-off area. By maximizing turf and pavement conversion to native basins, prairie, and formal plantings, we can improve drainage and promote biodiversity.

Soil borings were gathered in late 2025 to inform the project design.

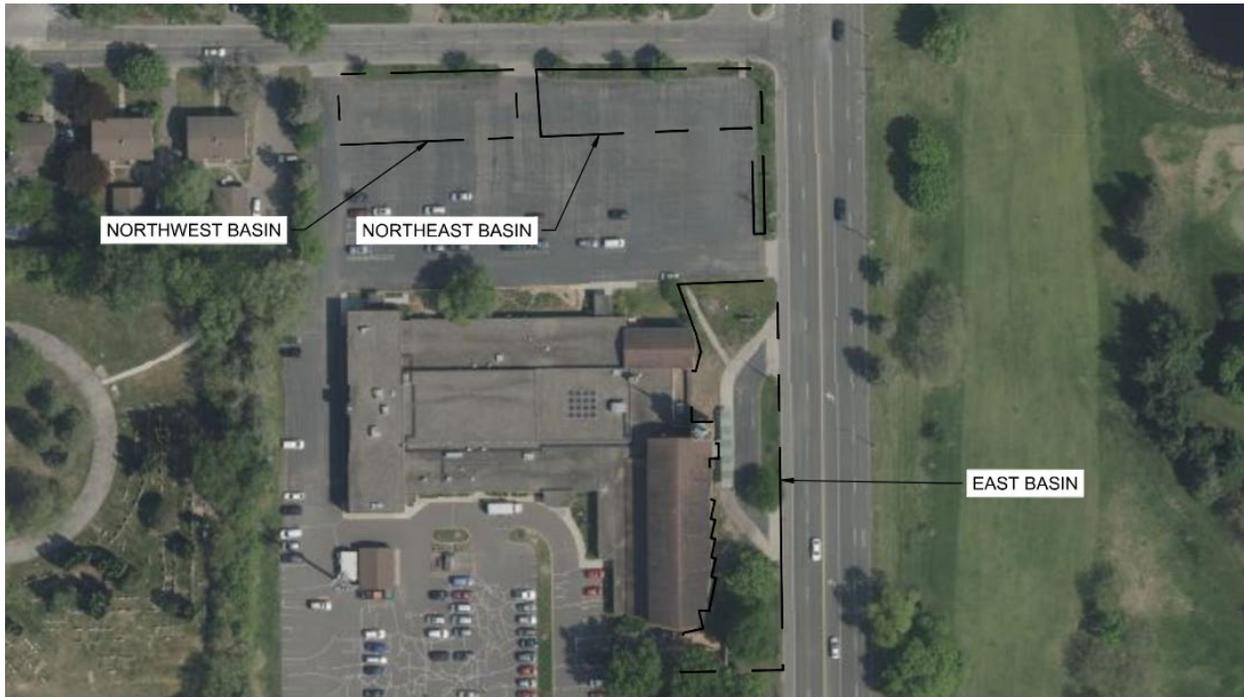


Figure 2: Gustavus Adolphus Church proximity to Lake Phalen

Engineer’s Opinion of Cost and Water Quality Treatment Estimate

A summary of the updated (90%) engineer’s opinion of probable cost and water quality treatment estimate is included in the table below.

Table 1: Summary of 90% opinion of probable costs and water quality treatment estimate

Proposed concept	Engineer opinion of cost for construction	Engineer opinion of cost range (-5% to +10%)	BMP average annual TP removal (lb/year)	Annualized cost per pound of TP removal
Gustavus Adolphus (stormwater basins)	\$ 329,000	\$312,600 to \$361,900	2.4	\$8,200

The current engineer’s opinion of probable cost for the project ranges from -5% to +10%. These opinions of cost include a 10% contingency and reflect a 90% design level of accuracy. The opinion of cost is intended to provide assistance in evaluating and comparing the project bids and should not be assumed as an absolute rule. The Association for the Advancement of Cost Engineering (AACE) Class 1 opinion of cost was used to define the estimated accuracy range based on the level of project definition.

To put these annualized cost per pound of TP removal amounts in perspective, we remind you of the “RWMWD Project Cost-Benefit Database” memo to the RWMWD Board of Managers, dated October 29, 2024. In this memo, we explain that through 2023, RWMWD has invested in a range of Targeted Retrofit and Capital Improvements Projects that fall along the following cost distribution (described below and in Figure 3, below)

- 60% of projects are less than **\$6,300/lb TP removed/yr** (2023 dollars)
- 80% of projects are less than **\$10,600/lb TP removed/yr** (2023 dollars)

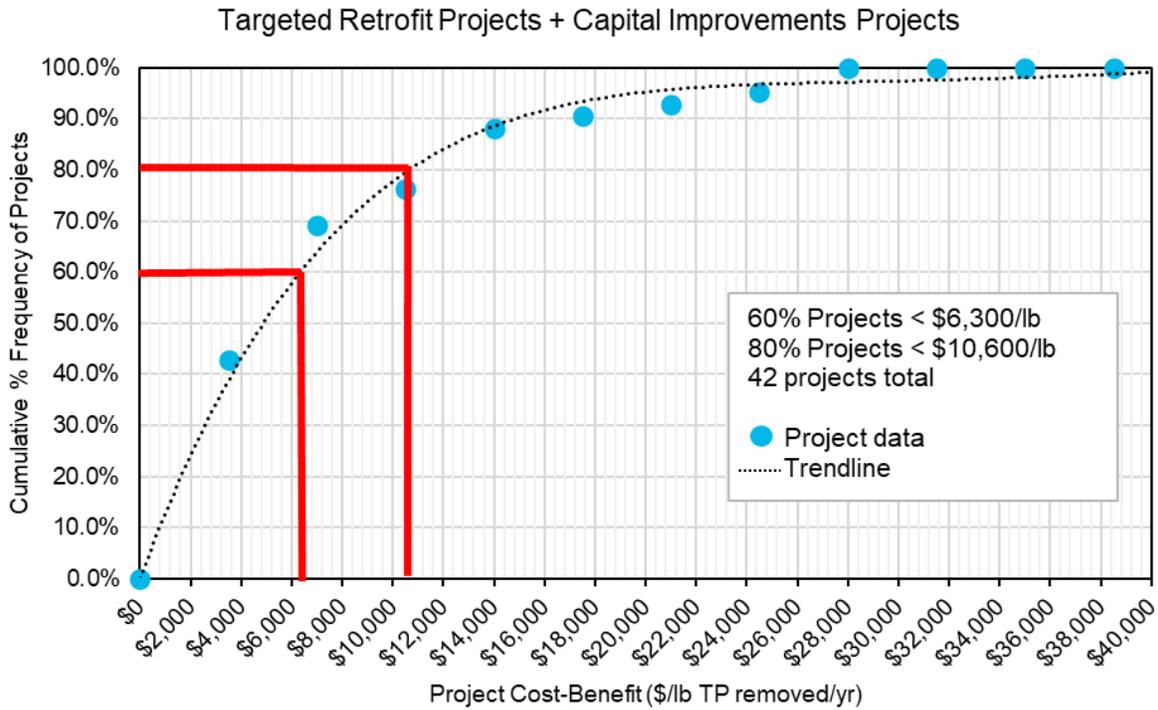


Figure 3: Targeted Retrofit Projects + Capital Improvements Projects Cost-Benefit Cumulative Frequency Curve

RWMWD Prioritization Tool

The 2026 retrofit project has been scored within RWMWD’s water quality project prioritization tool. Gustavus Adolphus ranks near the top of the list, higher than other retrofit projects in recent years. According to the RWMWD prioritization tool, the primary project benefit of Gustavus Adolphus is “Community.” Table 2 summarizes the project’s scores per each goal in RWMWD’s Watershed Management Plan.

Table 2: Summary of RWMWD Prioritization Tool Scores for the 2026 Retrofit Project

Plan Goal Categories	Scores per Plan Goal Category
	Gustavus Adolphus
1. Water Quality	3.5
2. Ecosystem	4.0
3. Flooding	0.0
4. Groundwater	0.0
5. Community	5.0
6. Manage Organization	2.5

A description of the credits that each project received in the tool under each of RWMWD’s Plan Goal categories is included below.

Gustavus Adolphus Prioritization Tool Credits:

RWMWD Goal 1. Achieve quality surface water

- TP removals (lb/yr) (2.4 lbs)
- TSS removals (lb/yr) (441.3 lbs)

RWMWD Goal 2. Achieve healthy ecosystems

- Project provides habitat connection opportunities
- Enhances habitat and species diversity
- Reduces pesticide and fertilizer impacts

RWMWD Goal 4. Support sustainable groundwater

- Project promotes infiltration

RWMWD Goal 5. Inform and empower communities

- District priority equity area
- Has a planned educational component to increase awareness of the District’s efforts
- Project improves community attractiveness or value
- Project fosters collaboration with cities, watershed management organizations, educational institutions, and other stakeholders to develop and implement shared communication and messaging strategies

RWMWD Goal 6. Manage organization effectively

- Extends the useful life the existing infrastructure
- Easy to construct/implement (i.e., logistically easy, shovel-ready project)
- Partner will provide operations and maintenance
- Willing project partners

Specifications Outline

In addition to the drawings attached, bid documents are being completed that include the following specifications:

Front-End Specifications:

- Advertisement for Bid
- Instruction to Bidders
- Form of Agreement
- General Conditions
- Supplementary Conditions

General Requirements:

- Summary of Work
- Measurement and Payment
- Payment Procedures
- Safety
- Closeout Procedures

Technical Specifications:

- Site Preparation
- Excavation and Fill
- Erosion and Sedimentation Control
- Herbaceous Plant Establishment
- Storm Utility Drainage Piping

Special Bidding Considerations

Given the high vehicular and pedestrian traffic potential during construction for both projects, we plan to ask bidders to provide three examples of prior work on similar types of parking lot projects, along with references, to be deemed eligible to submit a bid.

Schedule

Pending Board approval to put these projects out to bid after the March Board meeting, we anticipate bringing bids back in April. Construction at the site is likely to start in May 2026, and will need to be complete prior to the 2026 Minnesota State Fair.

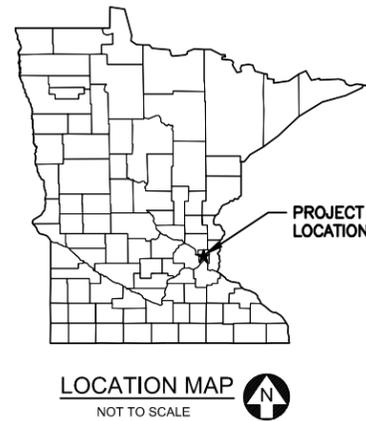
Attachments

90% Draft Plan set for RWMWD's 2026 Targeted Retrofit Project at Gustavus Adolphus.

2026 TARGETED RETROFIT PROJECTS - GUSTAVUS ADOLPHUS

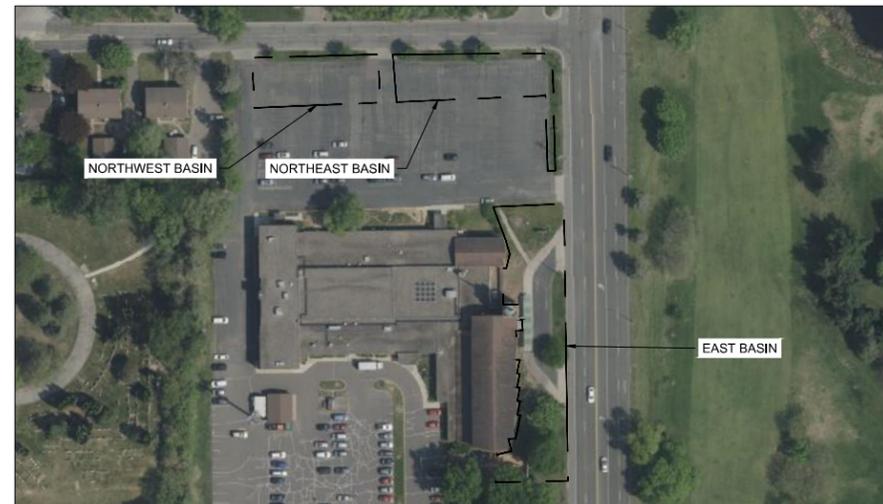
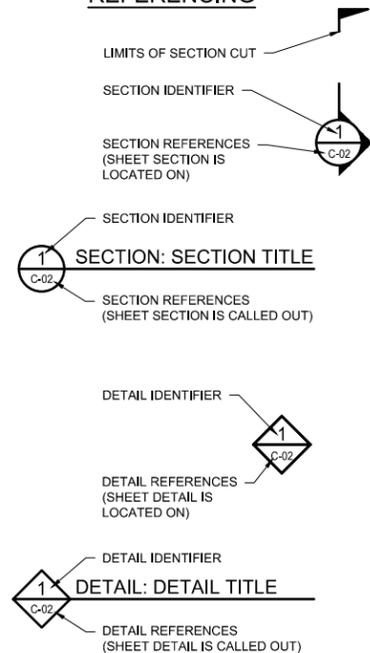
RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

ST. PAUL, MINNESOTA



SHEET	TITLE
G001	PROJECT LOCATION AND SHEET INDEX
G002	NOTES
G003	TOPOGRAPHIC SURVEY (1 OF 2)
G004	TOPOGRAPHIC SURVEY (2 OF 2)
C001	REMOVALS & EROSION CONTROL PLAN - NORTH BASINS
C002	REMOVALS & EROSION CONTROL PLAN - EAST BASIN
C003	GRADING & SITE PLAN - NORTH BASINS
C004	GRADING & SITE PLAN - EAST BASIN
C005	EROSION CONTROL DETAILS
C006	SECTION DETAILS
C007	CIVIL DETAILS (1 OF 2)
C008	CIVIL DETAILS (2 OF 2)
L001	LANDSCAPE PLAN
L002	PLANTING PLAN
L003	LANDSCAPE DETAILS (1 OF 2)
L004	LANDSCAPE DETAILS (2 OF 2)

REFERENCING



ABBREVIATIONS AND SYMBOLS

APPROX	APPROXIMATE
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
CONC	CONCRETE
DIP	DUCTILE IRON PIPE
EL	ELEVATION
F.F.E.	FINISHED FLOOR ELEVATION
HARN	HIGH ACCURACY REFERENCE NETWORK
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
MAX	MAXIMUM
MIN	MINIMUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NO.	NUMBER
OC	ON CENTER
PVC	POLYVINYL CHLORIDE
ROW	RIGHT-OF-WAY
TBD	TO BE DETERMINED
TYP	TYPICAL
@	AT
Ø	DIAMETER

NOTES:

1. COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES, PERMITS, AND REGULATIONS.
2. VERIFY ALL QUANTITIES, GRADES, AND DIMENSIONS.
3. EXISTING SITE INFORMATION BASED ON TOPOGRAPHIC SURVEY PREPARED BY W. BROWN LAND SURVEYING INC., DATED OCTOBER 22, 2024.
4. FIELD-LOCATE ALL SITE UTILITIES (PRIVATE AND PUBLIC) PRIOR TO STARTING THE WORK. ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF UTILITY OWNER AT CONTRACTOR'S COST.

90% DRAFT
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (11.00 X 17.00 INCHES) PLOT SCALE: 1/2" PLOT DATE: 1/28/2026 3:44 PM
CADD USER: OWEN.Q. RICHEY FILE: M:\DESIGN\26211725_25\826211725_001.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME _____
SIGNATURE _____
DATE _____ LICENSE # _____

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
A	OQR	XXX	XXX	XX/XX/XXXX	90% DRAFT NOT FOR CONSTRUCTION

BARR
BARR ENGINEERING CO.
4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 1010411545

RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
PROJECT LOCATION AND SHEET INDEX

BARR PROJECT #	2362117225
DWG #	G001
REV #	A

GENERAL NOTES:

GENERAL NOTES

- CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY AND ALL DAMAGE RESULTING FROM CONTRACTOR'S WORK. CONTRACTOR SHALL REPAIR OR REMOVE, AND/OR REPLACE ITEMS THAT ARE DAMAGED DUE TO CONTRACTOR'S ACTIVITIES. REPAIR OR REPLACEMENT WILL BE AT THE EXPENSE OF CONTRACTOR AND MUST BE PERFORMED TO THE CONDITION, AT MINIMUM, EQUAL TO THE CONDITION PRIOR TO START OF THE WORK.
- ANY PUBLIC INFRASTRUCTURE DAMAGE RESULTING FROM THE CONTRACTORS ACTIVITIES, INCIDENTAL OR OTHERWISE, SHALL BE REPAIRED/REPLACED TO THE SATISFACTION OF THE CITY AT NO COST TO THE CITY.
- SITE SHALL BE KEPT REASONABLY FREE FROM DEBRIS, TRASH AND CONSTRUCTION WASTES RESULTING FROM THE PERFORMANCE OF THE WORK. ALL TRASH, DEBRIS, AND WASTE MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR AT A LICENSED WASTE DISPOSAL OR RECYCLING FACILITY, ON A REGULAR BASIS.
- OBSTRUCTION PERMITS: THE CONTRACTOR MUST OBTAIN AN OBSTRUCTION PERMIT IF CONSTRUCTION (INCLUDING SILT FENCES) WILL BLOCK CITY STREETS, SIDEWALKS OR ALLEYS, OR IF DRIVING OVER CURBS.
- A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) AND/OR A TEMPORARY TRAFFIC CONTROL (TTC) PLAN MAY BE REQUIRED AS PART OF THE RIGHT-OF-WAY (ROW) PERMITTING PROCESS. SAID TTC OR TPAR PLANS MUST BE APPROVED BY THE CITY PRIOR TO THE ROW PERMITTING OFFICE ISSUING A PERMIT(S).

EXISTING CONDITIONS

- PRIOR TO COMMENCING WORK AT THE SITE, CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AND HAVE ALL EXISTING UTILITIES, PUBLIC AND PRIVATE, FIELD LOCATED AND MARKED. EXISTING UTILITIES SHALL BE PROTECTED UNLESS OTHERWISE INDICATED. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED OR REPLACED AT EXPENSE OF CONTRACTOR.
- IF SITE CONDITIONS OR UTILITIES DIFFER SIGNIFICANTLY FROM THAT SHOWN, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
- ALL EXISTING UTILITIES MUST REMAIN OPERATIONAL FOR THE DURATION OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOT DISTURB EXISTING VEGETATION AREAS WHERE GRADING IS NOT TO OCCUR OR, IN ANY CASE, OUTSIDE OF CONSTRUCTION LIMITS.

SAFETY

- IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES THE CONTRACTOR IS RESPONSIBLE FOR JOB-SITE CONDITIONS AND SAFETY PROCEDURES AND PROGRAMS, INCLUDING SAFETY AND HEALTH OF ALL PERSONS AND PROPERTY, ON THOSE PORTIONS OF THE PROJECT AREA AFFECTED BY OR USED BY THE CONTRACTOR, EMPLOYEES, SUBCONTRACTORS, AGENTS, AND OTHERS DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF PROPERTY AND THE SAFETY AND HEALTH OF ITS EMPLOYEES, SUBCONTRACTORS, SUPPLIERS, AGENTS AND OTHERS WITHIN THE PROJECT AREA.
- CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE SITE PERIMETER SAFE FOR PUBLIC ON OR ADJACENT TO SITE FOR THE DURATION OF THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE SAFETY PRECAUTIONS.
- INSPECTION CONTACT: THE CONTRACTOR SHALL CONTACT THE RIGHT OF WAY INSPECTOR TESHOMÉ HALEMARIAM, 651-238-0681 (TWO WEEKS PRIOR TO BEGINNING WORK) TO DISCUSS TRAFFIC CONTROL, PEDESTRIAN SAFETY AND COORDINATION OF ALL WORK IN THE PUBLIC RIGHT OF WAY. NOTE: IF A TWO WEEK NOTICE IS NOT PROVIDED TO THE CITY, ANY RESULTING DELAYS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

DEMOLITION

- CONTRACTOR SHALL COORDINATE ALL REMOVALS WITH ENGINEER. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND UTILITIES NOT DESIGNATED FOR REMOVAL. EXISTING UTILITIES AND FACILITIES NOT DESIGNATED FOR REMOVAL SHALL REMAIN OPERATIONAL FOR THE DURATION OF THE WORK. DEMOLISHED DEBRIS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF CONTRACTOR AND TRANSPORTED OFF SITE FOR RECYCLING OR DISPOSAL IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.
- DEMOLISHED DEBRIS SHALL BE RECYCLED PER THE SPECIFICATIONS OR DISPOSED OF AT AN OFFSITE LOCATION WITHIN ALL LOCAL, STATE AND FEDERAL GUIDELINES, LAWS AND REGULATIONS.
- NO CONCRETE OR RUBBLE SHALL BE BACKFILLED ONSITE. BURNING OF DEBRIS ON SITE SHALL NOT BE ALLOWED.
- EXISTING STREET TREES ARE TO BE PROTECTED AT ALL TIMES. TREES DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE RESTORED OR REPLACED TO THE SATISFACTION OF, AND AT NO COST TO, THE CITY AS DETERMINED BY THE FORESTRY MANAGER. THE CONTRACTOR IS ADVISED TO DOCUMENT PRE-EXISTING CONDITIONS OF THE RIGHT OF WAY PRIOR TO BEGINNING CONSTRUCTION.

WORK HOURS

- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL STRICTLY ADHERE TO THE CITY OF SAINT PAUL AND SAINT PAUL HOUSING AND REDEVELOPMENT AUTHORITY (HRA) RULES FOR WORK HOURS. NO EQUIPMENT SHALL BE STARTED OUTSIDE OF THE STATED WORK HOURS.

PHASING

- CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION PHASING WITH ENGINEER. CONSTRUCTION LIMITS FOR ALL PHASES OF WORK SHALL BE COORDINATED WITH ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR ALL CONTROL OF WATER AND DEWATERING. POSITIVE DRAINAGE MUST BE MAINTAINED INTO THE STORM SEWER FOR THE DURATION OF THE WORK.
- CONTRACTOR SHALL PHASE WORK TO MINIMIZE EXPOSED SOIL AND EROSION POTENTIAL.

TRAFFIC MANAGEMENT

- ALL PUBLIC ROADWAYS AND PRIVATE DRIVEWAYS NOT SHOWN AS CLOSED SHALL REMAIN IN SERVICE DURING CONSTRUCTION, UNLESS NOTED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR ADJUSTING WORK TO ALL CURRENT AND FUTURE ROAD CLOSURES AND DETOURS AROUND THE SITE.

ENVIRONMENTAL

- THE ESTIMATED DISTURBED AREA IS XXX S.F. WITHIN THE ESTIMATED CONSTRUCTION LIMITS XXX S.F.
- CONTRACTOR SHALL INSPECT AND SWEEP PAVED SURFACES TO PREVENT DIRT AND MUD FROM BEING TRACKED OFF SITE. HAUL ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH REQUIREMENTS IN THE SWPPP.
- PRIOR TO COMMENCING SITE WORK AND DISTURBING EXISTING VEGETATION, CONTRACTOR MUST ESTABLISH TEMPORARY EROSION CONTROL MEASURES.
- ALL STOCKPILES SHALL BE WITHIN CONSTRUCTION LIMITS. STOCKPILES SHALL BE PROTECTED FROM EROSION IN ACCORDANCE WITH ALL APPLICABLE PERMITS FOR THE WORK. SEE SWPPP.
- ALL CONTROL OF WATER AND EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE SEQUENCED, INSTALLED, MAINTAINED AND MONITORED BY CONTRACTOR.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE PROJECT. SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION.
- REDI-MIX CONCRETE WASH-OUT SHALL NOT BE PERMITTED OR DISCHARGED ON-SITE.
- THE REMOVAL, PRUNING, AND/OR PLANTING OF TREES ON THE PUBLIC BOULEVARD REQUIRES AN APPROVED PERMIT FROM THE CITY FORESTER (651-266-6400). ANY WORK MUST BE COMPLETED BY A LICENSED TREE CONTRACTOR.
- CONSTRUCTION SUPPLIES, MATERIALS, SPOILS, EQUIPMENT, AND VEHICLES SHALL NOT BE STORED OR OPERATED WITHIN THE DRIP LINE OF ANY PUBLIC STREET TREE OR ON TURF BOULEVARDS WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY FORESTER. IF THE BOULEVARD MUST BE USED FOR CONSTRUCTION ACTIVITIES, SITE ACCESS ROUTES, MATERIAL STORAGE OR OTHER RELATED ACTIVITIES, PROTECTIVE MEASURES APPROVED BY THE CITY FORESTER SHALL BE TAKEN TO REDUCE SOIL COMPACTION AND PROTECT TREE(S) FROM DAMAGE.

SITE

- IF THE PROPOSED PIPE HAS LESS THAN 2% SLOPE, LASER EQUIPMENT IS REQUIRED.
- CONSTRUCTION IN RIGHT OF WAY: ALL WORK ON CURBS, DRIVEWAYS, AND SIDEWALKS WITHIN THE PUBLIC RIGHT OF WAY MUST BE DONE TO CITY STANDARDS AND SPECIFICATIONS BY A CONTRACTOR LICENSED TO WORK IN THE CITY RIGHT-OF-WAY UNDER A PERMIT FROM PUBLIC WORKS SIDEWALK SECTION (651-266-6120).
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO THE MAINLINE SIDEWALK, CURB, DRIVE ACCESS AND BOULEVARD LANDSCAPING CAUSE DURING THE CONSTRUCTION. CONTRACTOR ADVISED TO DOCUMENT PRE-EXISTING CONDITION OF THE RIGHT OF WAY PRIOR TO COMMENCEMENT OF THE CONSTRUCTION.

EARTHWORK NOTES:

GENERAL EXECUTION NOTES:

- IN ORDER TO MAXIMIZE THE INFILTRATION RATE OF THE SOILS, THE CONTRACTOR SHALL MAKE EVERY EFFORT POSSIBLE TO AVOID COMPACTION OF SUBSOILS IN THE BASINS. PERFORM SOIL LOOSENING AS SPECIFIED AND AS SHOWN ON THE DRAWINGS.
- EXCESS EXCAVATED MATERIAL AND UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF OFFSITE.
- REMOVE ALL SPECIFIED TREES, SHRUBS AND PLANTS PRIOR TO EXCAVATION AND DISPOSE OF OFFSITE AT A COMPOST FACILITY.
- EXCAVATION PERMITS: ALL DIGGING IN THE PUBLIC RIGHT OF WAY REQUIRES AN EXCAVATION PERMIT, IF THE PROPOSED BUILDING IS CLOSE TO THE RIGHT OF WAY, AND EXCAVATING INTO THE RIGHT OF WAY IS NEEDED TO FACILITATE CONSTRUCTION, CONTACT THE UTILITY INSPECTOR.
- ORDERING OBSTRUCTION AND EXCAVATION PERMITS: CONTACT PUBLIC WORKS RIGHT OF WAY SERVICE DESK AT (651) 266-6151. IT IS STRONGLY RECOMMENDED THAT CONTRACTORS CALL FOR COST ESTIMATES PRIOR TO BIDDING TO OBTAIN ACCURATE COST ESTIMATES.
- FAILURE TO SECURE PERMITS: FAILURE TO SECURE OBSTRUCTION PERMITS OR EXCAVATION PERMITS WILL RESULT IN A DOUBLE-PERMIT FEE AND OTHER FEES REQUIRED UNDER CITY OF ST. PAUL LEGISLATIVE CODES.

EXCAVATION NOTES:

- EXCAVATION SHALL BE COMPLETED WITH A BACKHOE TO MINIMIZE COMPACTION.
- EXCAVATION AND LOOSENING OF THE SUBSOIL SHALL BE COMPLETED WITH A BACKHOE OR OTHER METHOD THAT PREVENTS THE WEIGHT OF THE EQUIPMENT FROM COMPACTING FILTRATION MEDIA OR SUBSOILS.
- EXCAVATION SHALL START AT THE FAR SIDE OF A RAINWATER GARDEN OR OTHER PLANTING AREA AND WORK OUT BACKWARDS.
- THE EXCAVATED AREAS SHALL BE EXCAVATED FROM THE PARKING LOT WHENEVER POSSIBLE. RUBBER Tired CONSTRUCTION EQUIPMENT SHALL BE STRICTLY PROHIBITED FROM WORKING WITHIN THE EXCAVATED AREA. AS A GENERAL REQUIREMENT, NO CONSTRUCTION EQUIPMENT, INCLUDING SKID STEER LOADERS, SHALL BE ALLOWED IN THE EXCAVATED AREA. IF THIS IS NOT POSSIBLE FOR SOME AREAS, ONLY LOW GROUND PRESSURE EQUIPMENT SHALL BE ALLOWED TO COMPLETE THE WORK.
- ONLY RUBBER Tired CONSTRUCTION EQUIPMENT SHALL BE ALLOWED TO WORK FROM THE PAVEMENT.
- THE CONTRACTOR SHALL CONSTRUCT BASIN AND PLANTING AREAS TO THE DIMENSIONS SHOWN ON THE PLANS.
- THE ELEVATIONS ON THE PLANS INDICATE FINISHED GRADES.
- GRADING TOLERANCES FOR SUB CUT:
VERTICAL +/- 0.1 FEET
HORIZONTAL +/- 1.0 FEET
- THE CONTRACTOR SHALL SURVEY THE BOTTOM ELEVATION OF THE BASIN UPON COMPLETION OF THE SUB CUT AND PROVIDE THE SURVEY INFORMATION TO THE ENGINEER. THE ENGINEER SHALL NOTIFY THE CONTRACTOR OF AREAS THAT DO NOT MEET THE TOLERANCES SPECIFIED. THE CONTRACTOR SHALL CORRECT THE WORK PRIOR TO MOVING ON TO THE NEXT STEP.

EXISTING CONDITIONS PROTECTIONS:

- THE CONTRACTOR SHALL AVOID DAMAGING EXISTING TREES. DO NOT STORE OR DRIVE HEAVY MATERIALS OVER TREE ROOTS. DO NOT DAMAGE TREE BARK OR BRANCHES.
- THE CONTRACTOR SHALL KEEP PAVEMENTS, FIXTURES AND BUILDINGS CLEAN AND UNSTAINED. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE PROJECT SITE SHALL BE KEPT CLEAR OF CONSTRUCTION WASTES AND DEBRIS.

SEQUENCE NOTES:

NOTE: THIS WORK SEQUENCE IS FOR KEY SEQUENCING ELEMENTS AND SHOULD NOT BE CONSIDERED A COMPLETE LIST OF WORK. CONTRACTOR SHALL SUPPLEMENT THIS SEQUENCE AS IS NECESSARY FOR PROPER PERFORMANCE OF THE WORK. CONTRACTOR SHALL COORDINATE ALL WORK. CONSTRUCTION SEQUENCE FOR ALL WORK SHALL BE COORDINATED WITH ENGINEER.

- CONTRACTOR SHALL FURNISH REQUESTED SUBMITTALS PRIOR TO PROCEEDING WITH WORK FOR WHICH SUBMITTALS ARE REQUESTED, IN ACCORDANCE WITH CONTRACT DOCUMENTS
- INSTALL AND MAINTAIN TRAFFIC MANAGEMENT AND SAFETY MEASURES FOR THE DURATION OF THE WORK
- FIELD LOCATE EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS
- INSTALL EROSION CONTROL MEASURES
- REMOVE EXISTING VEGETATION, STRIP AND STOCKPILE TOPSOIL
- SAWCUT BITUMINOUS PARKING LOT AND REMOVE BIT (IF NEEDED). ALONG EDGES OF STORMWATER FEATURES
- PERFORM EXCAVATION AND GRADING
- STORMWATER STRUCTURE SHOP DRAWINGS MUST BE FURNISHED FOR REVIEW AND APPROVED BY ENGINEER PRIOR TO INSTALLATION.
- CONSTRUCT FEATURES
- RESTORE AND VEGETATE ALL DISTURBED AREA
- MAINTAIN VEGETATION
- REMOVE EROSION CONTROL MEASURES WHEN DIRECTED BY ENGINEER, FOLLOWING VEGETATION ESTABLISHMENT & STABILIZATION

EROSION PREVENTION AND SEDIMENTATION CONTROL NOTES:

- EROSION PREVENTION PRACTICES
CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING EROSION PREVENTION PRACTICES:
 - MPCA CONSTRUCTION GENERAL PERMIT, IF REQUIRED
 - SWPPP, IF REQUIRED
 - ALL REQUIREMENTS OF PERMITS ARE RESPONSIBILITY OF CONTRACTOR
 - THE CONTRACTOR SHALL ATTEMPT TO PHASE ALL WORK TO MINIMIZE EROSION AND MAINTAIN VEGETATIVE COVER TO THE EXTENT POSSIBLE. THE LOCATION OF AREAS NOT TO BE DISTURBED MUST BE DELINEATED ON THE SITE BEFORE CONSTRUCTION BEGINS.
 - ALL EXPOSED SOILS MUST BE STABILIZED NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, INCLUDING STOCKPILES WITH SIGNIFICANT SILT, CLAY OR ORGANIC COMPONENTS.
- SEDIMENT CONTROL PRACTICES
CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING SEDIMENT CONTROL PRACTICES:
 - CONTRACTOR MUST INSTALL ALL DOWN-GRADIENT PERIMETER CONTROLS BEFORE ANY UP-GRADIENT DISTURBANCE BEGINS. CONTRACTOR SHALL MAINTAIN PERIMETER CONTROLS UNTIL FINAL STABILIZATION.
 - CONTRACTOR SHALL PROVIDE GRADING AND BMP INSTALLATION TO LIMIT ALL SLOPES OF 3H:1V OR STEEPER TO AN UNBROKEN LENGTH OF 75 FEET OR LESS.
 - TIMING AND INSTALLATION OF SEDIMENT CONTROL DEVICES CAN BE ADJUSTED BY CONTRACTOR TO ACCOMMODATE SHORT-TERM ACTIVITIES SUCH AS CLEARING AND GRUBBING OR VEHICLE PASSAGE. ANY SHORT-TERM ACTIVITY MUST BE COMPLETED AS QUICKLY AS POSSIBLE AND THE SEDIMENT CONTROL PRACTICES MUST BE INSTALLED IMMEDIATELY AFTER THE ACTIVITY IS COMPLETED AND IN ALL CASES PRIOR TO THE NEXT PRECIPITATION EVENT.
 - IF PRESENT, ALL STORM SEWER INLETS AND OUTLETS SHALL BE PROTECTED BY CONTRACTOR WITH APPROPRIATE BMP'S DURING THE WORK. THESE PRACTICES SHALL REMAIN IN PLACE UNTIL THE POTENTIAL SOURCES FOR DISCHARGING SEDIMENT TO INLETS HAVE BEEN STABILIZED BY CONTRACTOR.
 - TEMPORARY SOIL STOCKPILES MUST HAVE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED WITHIN SURFACE WATERS OR STORMWATER CONVEYANCES. CONTRACTOR SHALL INSTALL SILT FENCE PROTECTION AROUND THE LIMITS OF ALL TEMPORARY SOIL STOCKPILE AREAS. ALL SOIL STOCKPILES THAT REMAIN UNDISTURBED FOR A PERIOD GREATER THAN ONE MONTH SHALL BE PROTECTED BY CONTRACTOR WITH COVER OF MULCH, EROSION CONTROL MATS, OR PLASTIC SHEETING.
 - CONTRACTOR SHALL IMPLEMENT MEASURES TO CONTROL VEHICLE TRACKING OFF SITE.
 - CONTRACTOR SHALL PROVIDE TEMPORARY SEDIMENTATION BASINS AS REQUIRED BY THE PERMIT.
- DEWATERING AND BASIN DRAINING
CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING DEWATERING REQUIREMENTS:
 - CONTRACTOR'S DEWATERING ACTIVITIES THAT HAVE SEDIMENT-LADEN DISCHARGE MUST DISCHARGE INTO A TEMPORARY OR PERMANENT SEDIMENTATION BASIN WHEN POSSIBLE. OTHERWISE IT MUST BE DISCHARGED THROUGH SOME FORM OF BEST MANAGEMENT PRACTICE (BMP) BY CONTRACTOR TO LIMIT SEDIMENT FROM LEAVING THE SITE. PRIOR TO DISCHARGE, THE CONTRACTOR SHALL PERFORM A VISUAL TEST TO ENSURE ADEQUATE TREATMENT IS OBTAINED IN THE BASIN OR BMP AND APPLY ADDITIONAL TREATMENT AS REQUIRED TO ENSURE ADEQUATE TREATMENT. THE DISCHARGE MUST BE DISPERSED OVER AN ACCEPTED ENERGY DISSIPATION MEASURE AND NOT ADVERSELY AFFECT THE RECEIVING WATER OR DOWNSTREAM LANDOWNERS OR WETLANDS.
 - CONTRACTOR IS RESPONSIBLE FOR ALL CONTROL OF WATER AND DEWATERING. POSITIVE DRAINAGE MUST BE MAINTAINED INTO THE STORM SEWER FOR THE DURATION OF THE WORK.
- INSPECTIONS AND MAINTENANCE
CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE FOLLOWING INSPECTIONS AND MAINTENANCE:
 - WHEN INSPECTIONS FIND EROSION PREVENTION AND SEDIMENT CONTROL BMP'S THAT ARE NONFUNCTIONAL, ALL NONFUNCTIONAL BMP'S MUST BE REPAIRED, REPLACED OR SUPPLEMENTED WITH FUNCTIONAL BMP'S WITHIN 24 HOURS AFTER DISCOVERY.
 - THE CONTRACTOR MUST ROUTINELY INSPECT THE SITE ONCE EVERY 7 DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS.
 - ALL EROSION CONTROL MEASURES MUST BE INSTALLED AND MAINTAINED BY CONTRACTOR ACCORDING TO THE DETAILS INCLUDED IN THE CONSTRUCTION DOCUMENTS AND IN ACCORDANCE WITH THE PRODUCT MANUFACTURER'S RECOMMENDATIONS.
 - ALL SEDIMENT DEPOSITS WITHIN SURFACE WATERS OR STORMWATER CONVEYANCES MUST BE REMOVED AND RESTABILIZED BY CONTRACTOR WITHIN 7 DAYS OF DISCOVERY, INCLUDING DELTAS AND STORM SEWER SEDIMENT DEPOSITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED, IF NECESSARY, FOR SUCH SEDIMENT REMOVAL.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING EXISTING PAVED SURFACES CLEAN OF SEDIMENT. CONSTRUCTION ENTRANCES SHALL BE CHECKED DAILY BY CONTRACTOR. IF THE ENTRANCE BECOMES INUNDATED WITH SEDIMENT, THE ENTRANCE WILL BE CLEANED OR REPLACED AS APPROPRIATE BY CONTRACTOR. STREETS LEADING TO AND FROM THE CONSTRUCTION ENTRANCE SHALL BE CHECKED DAILY BY CONTRACTOR FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING ONTO PAVED SURFACES. THESE AREAS WILL BE SWEEPED CLEAN OF ANY TRACKED MATERIALS BY CONTRACTOR AS SOON AS POSSIBLE AND WITHIN 24 HOURS OF DISCOVERY. CONTRACTOR SHALL EXTEND SWEEPING TO THE EXTREMITY OF ANY SEDIMENT TRACKING THAT OCCURS OFF SITE.
 - ALL INFILTRATION/FILTRATION AREAS MUST BE INSPECTED BY CONTRACTOR TO ENSURE THAT NO SEDIMENT FROM ONGOING CONSTRUCTION IS ACCUMULATING OVER THE INFILTRATION/FILTRATION AREA. SEDIMENT ACCUMULATED OVER INFILTRATION/FILTRATION MUST BE REMOVED BY CONTRACTOR.
 - CONTRACTOR SHALL PROTECT INFILTRATION/FILTRATION AREAS FROM SEDIMENTATION AND OVER-COMPACTION. DURING EXCAVATION, SEDIMENT AND EROSION CONTROL DEVICES MUST BE UTILIZED BY CONTRACTOR TO PREVENT SEDIMENTATION AND THE AREA MUST BE STAKED OFF AND MARKED SO THAT HEAVY CONSTRUCTION EQUIPMENT WILL NOT COMPACT THE SOIL.
 - INSPECTIONS CAN BE SUSPENDED DUE TO FROZEN GROUND CONDITIONS UNTIL FIRST RUNOFF OCCURS OR CONSTRUCTION ACTIVITIES RESUME.
- POLLUTION PREVENTION MEASURES
CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE FOLLOWING POLLUTION MANAGEMENT MEASURES ON THE SITE:
 - SOLID WASTE: COLLECTED SEDIMENT, ASPHALT, CONCRETE MILLINGS, FLOATING DEBRIS, PAPER, PLASTIC, FABRIC, CONSTRUCTION AND DEMOLITION DEBRIS AND OTHER WASTES MUST BE DISPOSED OF PROPERLY AND MUST COMPLY WITH MPCA DISPOSAL REQUIREMENTS.
 - HAZARDOUS MATERIALS: OIL, GASOLINE, PAINT AND ANY HAZARDOUS SUBSTANCES MUST BE STORED IN APPROPRIATE CONTAINERS, INCLUDING SECONDARY CONTAINMENT TO PREVENT SPILLS, LEAKS OR OTHER DISCHARGES. RESTRICTED ACCESS TO STORAGE AREAS MUST BE PROVIDED TO PREVENT VANDALISM. STORAGE AND DISPOSAL OF HAZARDOUS WASTE MUST COMPLY WITH MPCA REGULATIONS.
 - A DEFINED AREA OF THE SITE MUST BE DESIGNATED FOR USE AS A WASH AREA FOR TRUCKS AND OTHER EQUIPMENT. NO ENGINE DREGREASING ALLOWED ON SITE.
 - CONCRETE WASHOUT CONTAINMENT SHALL BE PROVIDED ON SITE. THE CONTAINMENT METHOD MUST BE LEAK-PROOF WITH AN IMPERMEABLE LINER. OR ALTERNATIVELY, CONCRETE WASHOUT SHALL BE PERFORMED AT THE CONCRETE MIX PLANT INSTEAD OF ON-SITE.

SUMMARY OF WORK:

- REFER TO THE BID FORM, TECHNICAL SPECIFICATIONS, MEASUREMENT AND PAYMENT SPECIFICATION FOR ADDITIONAL DESCRIPTION OF THE WORK ITEMS.

90% DRAFT
NOT FOR CONSTRUCTION

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-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
A	OQR	XXX	XXX	XX/XX/20XX	90% DRAFT NOT FOR CONSTRUCTION
#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION



4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435

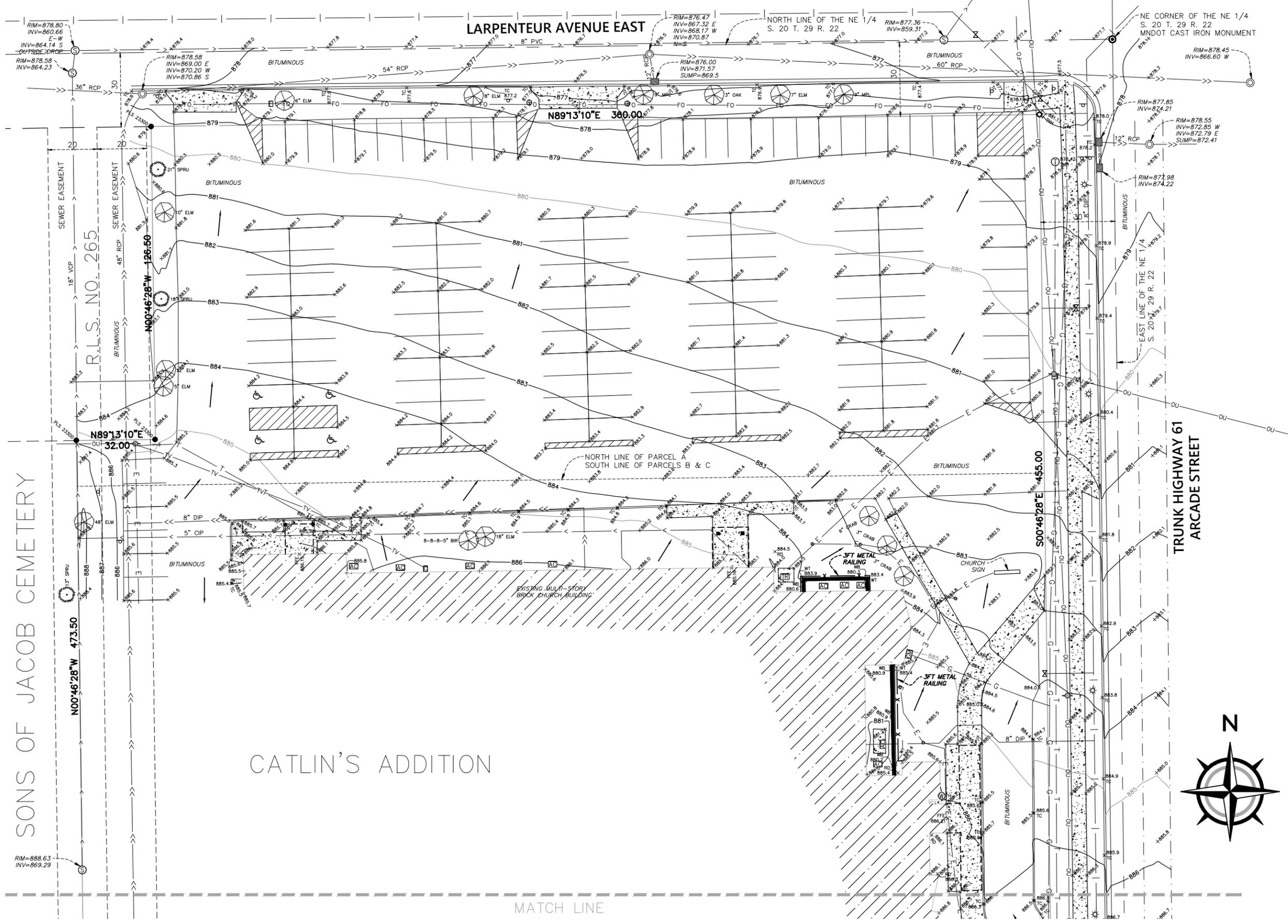
PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 1010411545



Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS ST. PAUL, MINNESOTA	BARR PROJECT # 2362117225
NOTES	DWG # G002
	REV # A

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/28/2026 3:44 PM
CADD USER: OWEN.Q. RICHEY FILE: M:\DESIGN\26261172_25\262611725_G002.DWG



LEGAL DESCRIPTION

PARCEL A:
 Lots 1, 2, 3, 4, 5, 6, 7, 8 and 9, Block 1, Catlin's Addition including that part of the East half of adjoining Weide Street, formerly Weide Avenue, vacated lying between the extension across it of the North line of said Lot 9 and the centerline of adjoining California Avenue, and including that part of the North half of adjoining California Avenue, formerly Delaney Street, vacated, lying between the extension across it of the East line of said Lot 1, and the centerline of adjoining Weide Street.

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16, Block 3, Catlin's Addition, including that part of the adjoining alley, vacated, lying between the extensions across it of the West line of said Block and a line parallel to and 25 feet West from the West line of said Lot 2, and including that part of the East half of adjoining Weide Street, vacated, lying between the extension across it of the South line of said Lot 10 and the centerline of adjoining California Avenue, and including that part of the South half of adjoining California Avenue, formerly Delaney Street, vacated, lying between the extension across it of the East line of said Lot 1 and the centerline of adjoining Weide Street.

That part of the Northeast quarter of the Northeast quarter of Section 20, Township 29, Range 22, lying South of the North 156.5 feet thereof, North of the North line of Catlin's Addition to the City of St. Paul, and between the extensions North of the East line of Block 1 of said Addition and the centerline of Weide Street as platted in said Addition.

PARCEL B:
 The West 240 feet of the East 390 feet of the North 156.5 feet of Section 20, Township 29, Range 22, according to the United States Government Survey, Ramsey County, Minnesota.

PARCEL C:
 The South 45 feet of the North 75 feet of the East 150 feet of the Northeast Quarter of Section 20, Township 29, Range 22, according to the United States Government Survey, Ramsey County, Minnesota.

The South 81.5 feet of the North 156.5 feet of the East 150 feet of the Northeast Quarter of Section 20, Township 29, Range 22, according to the United States Government Survey, Ramsey County, Minnesota.

Torrens Certificate No. 239455 (Parcel A)
 Abstract Property (Parcels B and C)

LEGEND

- SET 1/2" IRON PIPE WITH CAP INSCRIBED PLS 44110
 - FOUND MONUMENT AS NOTED
 - ⊙ POWER POLE
 - ⊛ LIGHT POLE
 - ⊕ GROUND LIGHT
 - ⊖ GUY WIRE
 - ⊞ TRANSFORMER
 - ⊟ GAS METER
 - ⊠ SANITARY SEWER MANHOLE
 - ⊡ HYDRANT
 - ⊢ FIRE HOOKUP
 - ⊣ WATER VALVE
 - ⊤ STORM SEWER MANHOLE
 - ⊥ CATCH BASIN
 - ⊦ CABLE TV PEDESTAL
 - ⊧ TELEPHONE PEDESTAL
 - ⊨ FIBER OPTIC VAULT
 - ⊩ FLAG POLE
 - ⊪ WOOD POST
 - DIRECTION OF DRAINAGE
 - ⊙ CONIFEROUS TREE
 - ⊙ DECIDUOUS TREE
- PROPERTY LINE
 - RIGHT-OF-WAY LINE
 - LOT LINE
 - EASEMENT LINE
 - SECTION LINE
 - TURN LANE LINE
 - FENCE
 - OU OVERHEAD UTILITIES
 - E UNDERGROUND ELECTRIC
 - G GAS
 - S SANITARY SEWER
 - >> STORM SEWER
 - I WATER MAIN
 - FO FIBER OPTIC
 - T TELEPHONE
 - TV CABLE TV
 - C CURB & CUTTER
 - CONCRETE
 - BUILDING
 - RETAINING WALL

ABBREVIATIONS

CIP	Cast iron pipe	RAI	Rolling
DIP	Ductile iron pipe	RCP	Reinforced concrete pipe
FFE	Finished floor elevation	RD	Roof drain
PLS No.	Professional land surveyor number on monument	TC	Top back of curb elevation
PVC	Polyvinyl chloride pipe	TNH	Top nut of hydrant elevation
		WB	Wall bottom elevation
		WT	Wall top elevation

TREES — with diameter noted (DBH)

BASS	Basswood	MPL	Maple
BIR	Birch	OAK	Oak
CRAB	Crookapple	SPRU	Spruce
ELM	Elm		

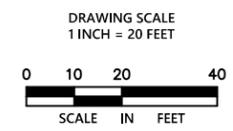
SURVEYOR'S NOTES

- This survey was prepared from legal descriptions supplied and our in house records and may not depict all easements, appurtenances or encumbrances affecting the property.
- The locations of underground utilities are depicted based on information from Gopher State One Call system for a "Boundary Survey locate" and private utility locate. The information was provided by a combination of available maps, proposed plans or city records and field locations which may not be exact. Verify all utilities critical to construction or design.
- The orientation of this bearing system is based on the Ramsey County Coordinate System, NAD83, 2011 adjustment.
- All distances are in United States survey feet.
- Benchmark:** MNDOT Geodetic Control Point 6222 N, at the intersection of Roselawn Avenue and Trunk Highway 61, 36 feet south of Roselawn and 85.5 feet east-northeast of TH 61, 1.5 feet east-southeast of witness post.
 Elevation = 895.41 NAVD88
Site Benchmark:
 Top nut of hydrant at the southwest quadrant of TH 61 and Larpenteur Ave. East. Elevation = 881.13 NAVD88



EXISTING CONDITIONS SURVEY

GUSTAVUS ADOLPHUS LUTHERAN CHURCH
 1669 ARCADE STREET
 SAINT PAUL
 RAMSEY COUNTY - MINNESOTA



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

PETER GOERS
 Print Name Signature
 9/15/2025 44110
 Date License Number

DRAWN BY: PDG
 CHECKED BY: PDG
 FIELD CREW CHIEF: PDG
 FIELD WORK COMPLETED: 9/12/2025
 DATE ISSUED: 9/15/2025
 JOB NO.: 25-034

REVISION DATE & DESCRIPTION:



MATCH LINE

SONS OF JACOB CEMETERY

CATLIN'S ADDITION

IDAHO AVENUE EAST

TRUNK HIGHWAY 61
ARCADE STREET

LEGAL DESCRIPTION

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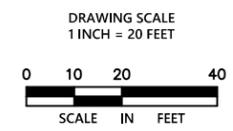
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EXISTING
CONDITIONS
SURVEY

GUSTAVUS ADOLPHUS LUTHERAN CHURCH
1669 ARCADE STREET
SAINT PAUL
RAMSEY COUNTY - MINNESOTA

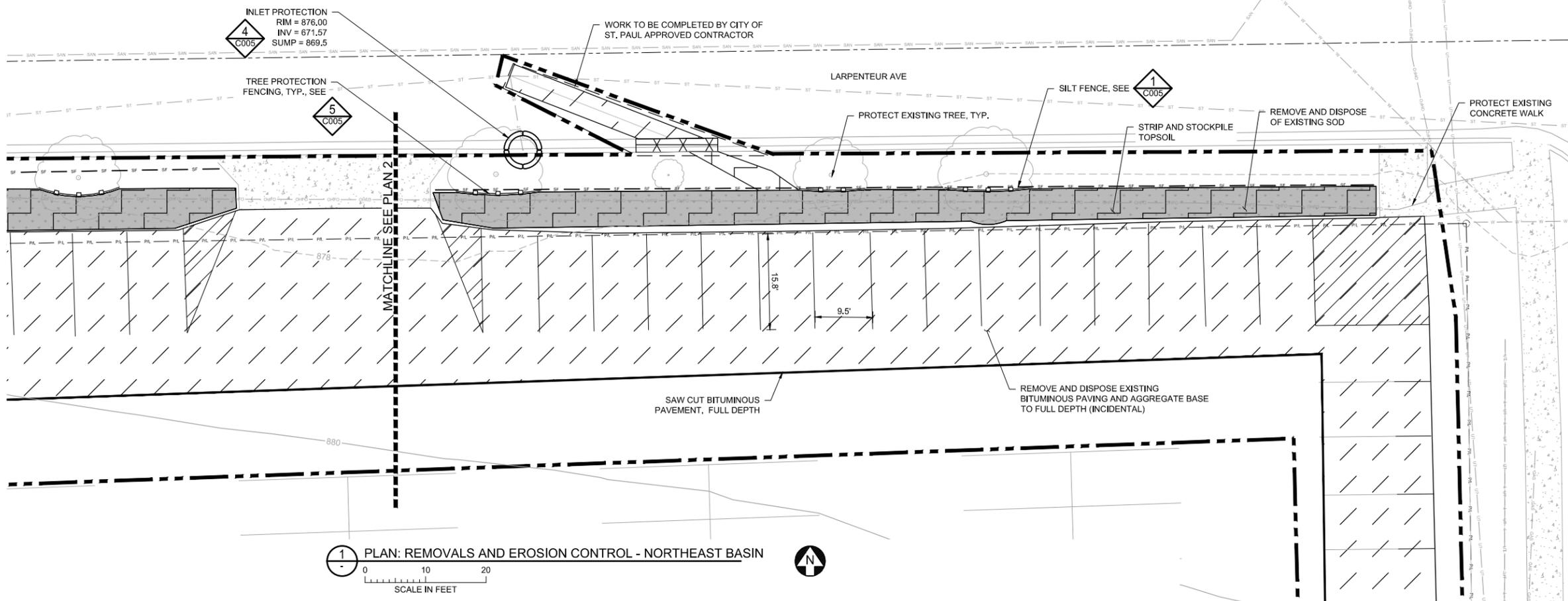


I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the state of Minnesota.
PETER GOERS
Print Name Signature
9/15/2025 44110
Date License Number

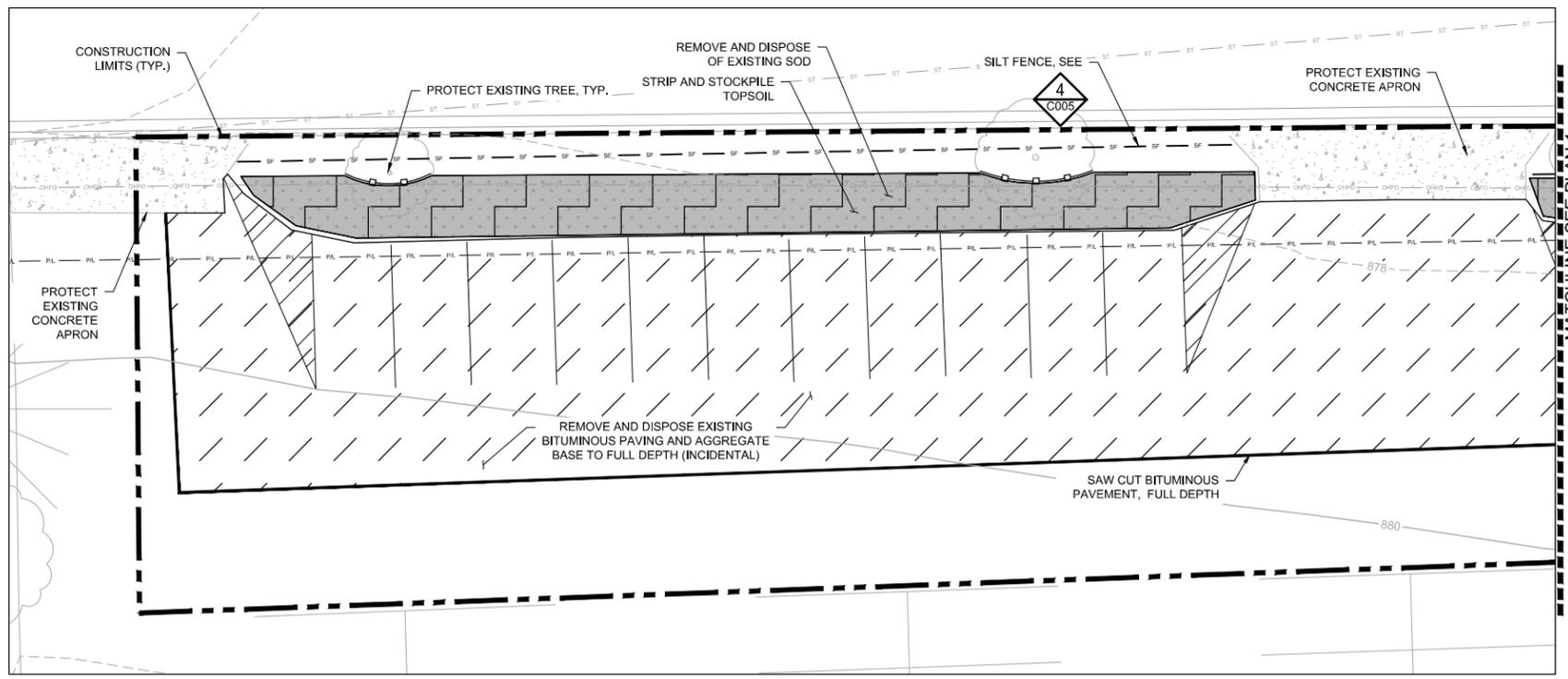
DRAWN BY: PDG
CHECKED BY: PDG
FIELD CREW CHIEF: PDG
FIELD WORK COMPLETED: 9/12/2025
DATE ISSUED: 9/15/2025
JOB NO.: 25-034

REVISION DATE & DESCRIPTION:





1 PLAN: REMOVALS AND EROSION CONTROL - NORTHEAST BASIN



2 PLAN: REMOVALS AND EROSION CONTROL - NORTHWEST BASIN

LEGEND:

	CONSTRUCTION LIMITS
	EXISTING WALK OR DRIVE
	EXISTING HERBACEOUS VEGETATION REMOVAL
	EXISTING CONCRETE REMOVAL
	EXISTING BITUMINOUS REMOVAL
	EXISTING SOD REMOVAL
	STRIP AND STOCKPILE TOPSOIL
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	SEDIMENT CONTROL LOG
	EXISTING STORM PIPE, TO REMAIN
	EXISTING SANITARY SEWER, TO REMAIN
	EXISTING WATERMAIN, TO REMAIN
	EXISTING UNDERGROUND ELECTRIC, TO REMAIN
	EXISTING UNDERGROUND TELEPHONE, TO REMAIN
	EXISTING GAS UTILITY, TO REMAIN
	OVERHEAD UTILITY, TO REMAIN
	EASEMENT OR PARCEL LINE
	EXISTING FENCING, TO REMAIN
	TREE PROTECTION FENCING
	CURB & GUTTER, TO REMAIN
	OVERHEAD UTILITY POLE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	CATCHBASIN, TO REMAIN
	SANITARY MANHOLE, TO REMAIN
	LIGHT POLE, TO REMAIN
	STORMWATER INLET PROTECTION
	EXISTING TREE TO REMAIN

- NOTES:**
1. THE CONTRACTOR SHALL AVOID DAMAGING EXISTING TREES. DO NOT STORE OR DRIVE HEAVY MATERIALS OVER TREE ROOTS, DO NOT DAMAGE TREE BARK OR BRANCHES.
 2. THE CONTRACTOR SHALL KEEP PAVEMENTS, FIXTURES AND BUILDINGS CLEAN AND UNSTAINED. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE PROJECT SITE SHALL BE KEPT CLEAR OF CONSTRUCTION WASTES AND DEBRIS.
 3. ALL WORK ON CURBS, DRIVEWAYS AND SIDEWALKS WITHIN THE PUBLIC RIGHT-OF-WAY MUST BE DONE TO CITY STANDARDS AND SPECIFICATIONS BY A LICENSED AND BONDED CONTRACTOR UNDER A PERMIT FROM PUBLIC WORKS SIDEWALK SECTION (651-266-6120). SIDEWALK GRADES MUST BE CARRIED ACROSS DRIVEWAYS AS SHOWN ON THE DRAWINGS.
 4. RESTORATION OF ASPHALT AND CONCRETE PAVEMENTS ARE PERFORMED BY THE PUBLIC WORKS STREET MAINTENANCE DIVISION. THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT TO THE CITY FOR THE COST OF THESE RESTORATIONS. THE CONTRACTOR SHALL CONTACT PUBLIC WORKS STREET MAINTENANCE TO SET UP A WORK ORDER PRIOR TO BEGINNING ANY REMOVALS IN THE STREET AT 651-292-6600. PROCEDURES AND UNIT COSTS ARE FOUND IN STREET MAINTENANCE'S "GENERAL REQUIREMENTS - ALL RESTORATIONS" AND ARE AVAILABLE AT THE PERMIT OFFICE.

90% DRAFT
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1/2"=1'-0" DATE: 1/28/2026 3:44 PM
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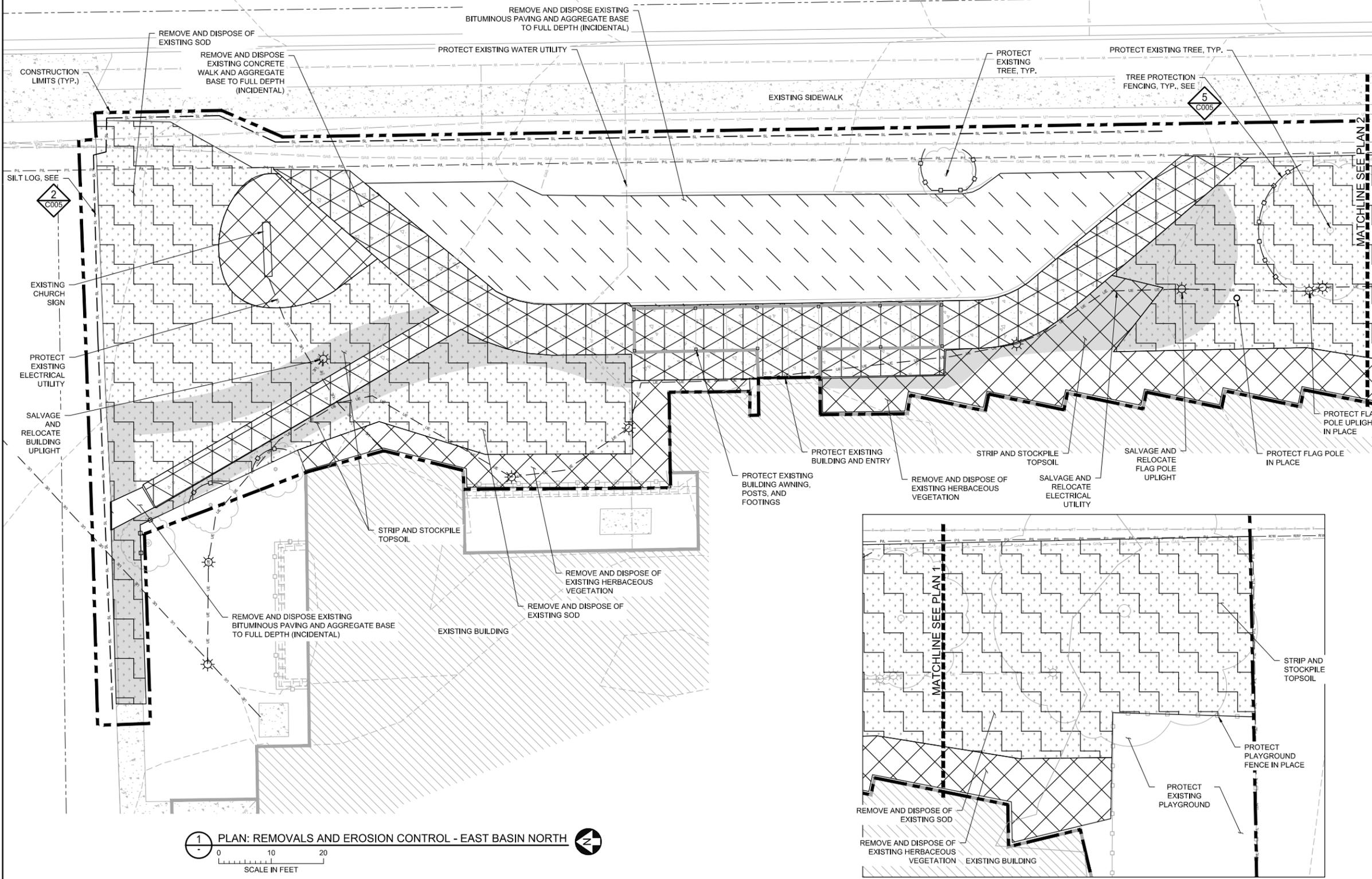
BARR
4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435
PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 1010411545

RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
REMOVALS & EROSION CONTROL PLAN - NORTH BASINS

BARR PROJECT #	2362117225
DWG #	C001
REV #	A

U.S. HWY 61



LEGEND:

	CONSTRUCTION LIMITS
	EXISTING WALK OR DRIVE
	EXISTING HERBACEOUS VEGETATION REMOVAL
	EXISTING CONCRETE REMOVAL
	EXISTING BITUMINOUS REMOVAL
	EXISTING SOD REMOVAL
	STRIP AND STOCKPILE TOPSOIL
	880 EXISTING MAJOR CONTOUR
	879 EXISTING MINOR CONTOUR
	SEDIMENT CONTROL LOG
	EXISTING STORM PIPE, TO REMAIN
	EXISTING SANITARY SEWER, TO REMAIN
	EXISTING WATERMAIN, TO REMAIN
	EXISTING UNDERGROUND ELECTRIC, TO REMAIN
	EXISTING UNDERGROUND TELEPHONE, TO REMAIN
	EXISTING GAS UTILITY, TO REMAIN
	OVERHEAD UTILITY, TO REMAIN
	EASEMENT OR PARCEL LINE
	EXISTING FENCING, TO REMAIN
	TREE PROTECTION FENCING
	CURB & GUTTER, TO REMAIN
	OVERHEAD UTILITY POLE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	CATCHBASIN, TO REMAIN
	SANITARY MANHOLE, TO REMAIN
	LIGHT POLE, TO REMAIN
	STORMWATER INLET PROTECTION
	EXISTING TREE TO REMAIN

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1 PLAN: REMOVALS AND EROSION CONTROL - EAST BASIN NORTH

0 10 20
SCALE IN FEET

2 PLAN: REMOVALS AND EROSION CONTROL - EAST BASIN SOUTH

0 10 20
SCALE IN FEET

90% DRAFT
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/28/2026 3:44 PM
CADD USER: OWEN Q. RICHEY FILE: M:\DESIGN\262611725_0302.DWG

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
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BARR

4300 MARKETPOINTE DRIVE
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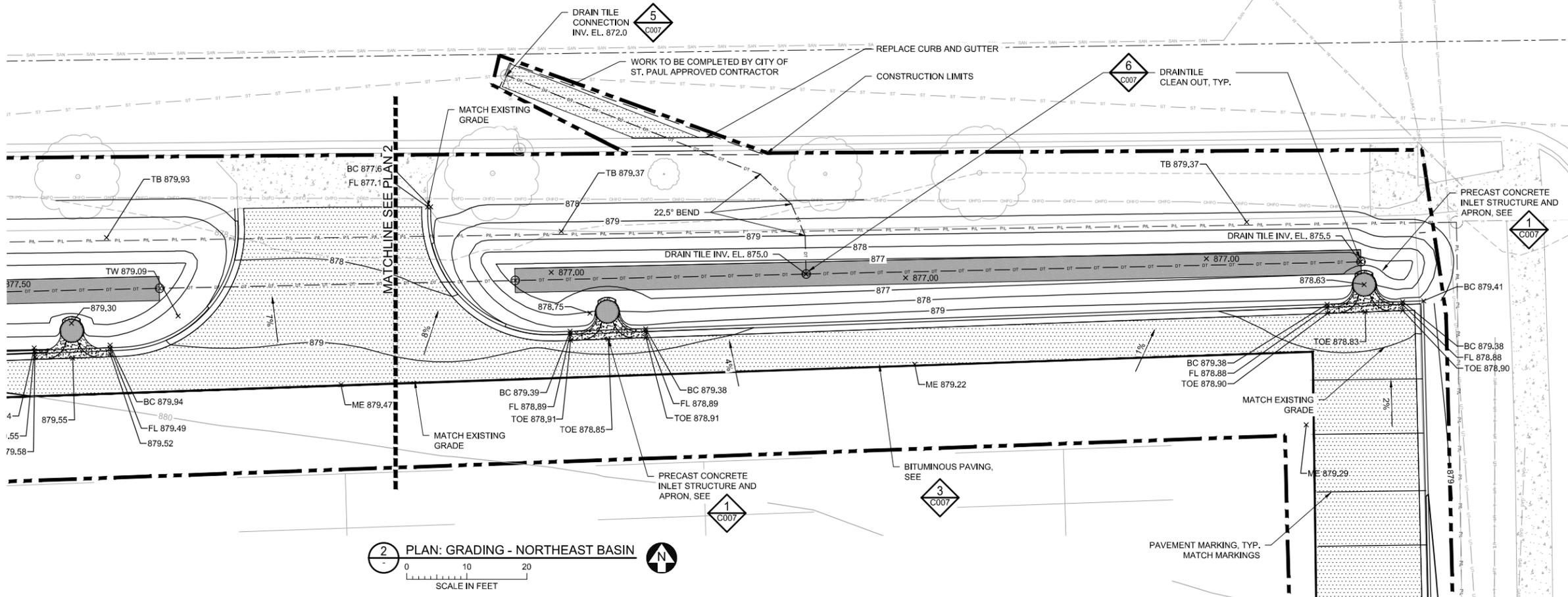
PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 10104111545

RWMWD

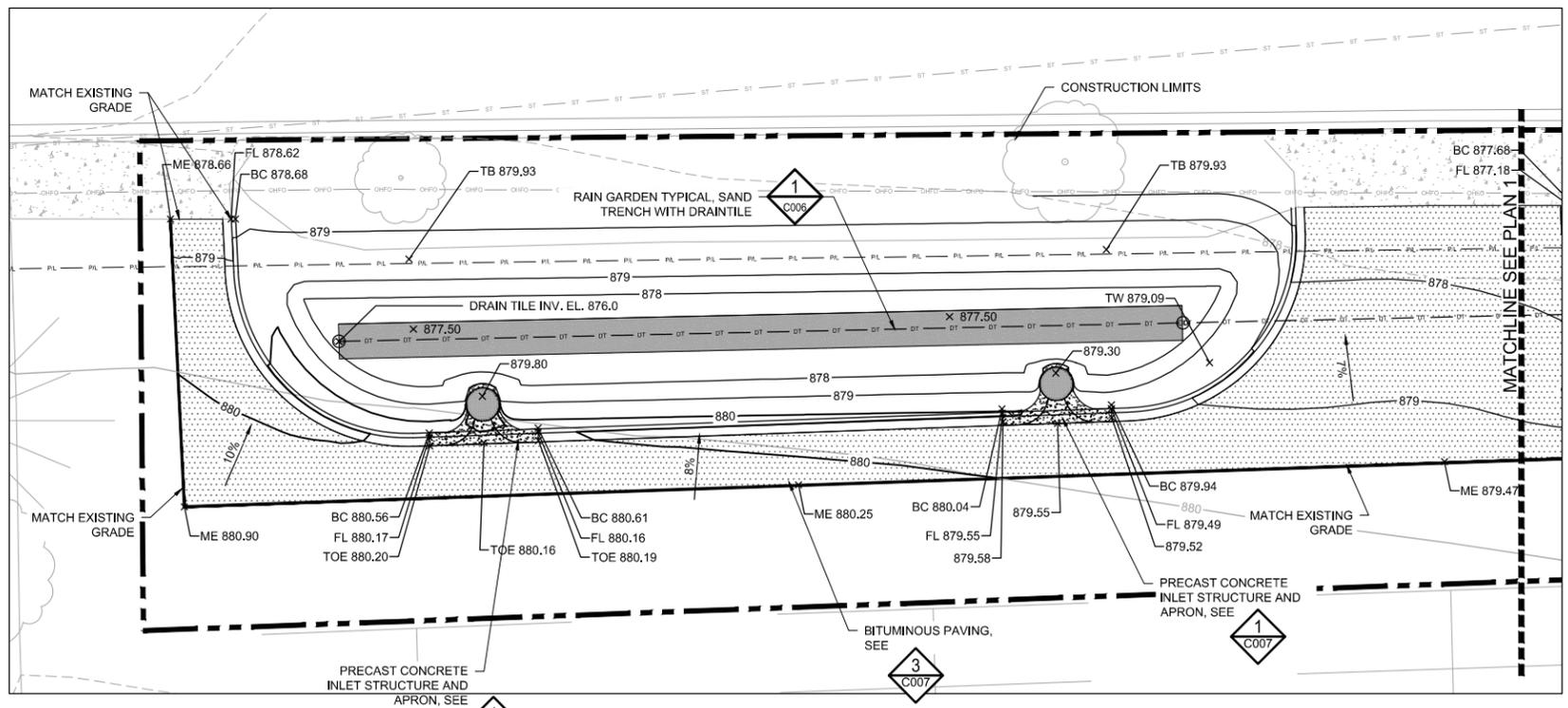
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
REMOVALS & EROSION CONTROL PLAN - EAST BASIN

BARR PROJECT #	2362117225
DWG #	C002
REV #	A



2 PLAN: GRADING - NORTHEAST BASIN
SCALE IN FEET



1 PLAN: GRADING - NORTHWEST BASIN
SCALE IN FEET

LEGEND:

	CONSTRUCTION LIMITS
	EXISTING WALK OR DRIVE
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED CURB AND GUTTER
	PROPOSED BITUMINOUS PAVEMENT
	PROPOSED LIMESTONE RETAINING WALL
	BACK OF CURB (AT TOP) ELEVATION (IN FT)
	GUTTER FLOW LINE ELEVATION (IN FT)
	TOP OF BERM (T.B.) ELEVATION (IN FT)
	MATCH EXISTING (M.E.) ELEVATION (IN FT)
	EXISTING STORM PIPE, TO REMAIN
	EXISTING SANITARY SEWER, TO REMAIN
	EXISTING WATERMAIN, TO REMAIN
	EXISTING UNDERGROUND ELECTRIC, TO REMAIN
	EXISTING UNDERGROUND TELEPHONE, TO REMAIN
	EXISTING GAS UTILITY, TO REMAIN
	OVERHEAD UTILITY, TO REMAIN
	EASEMENT OR PARCEL LINE
	EXISTING FENCING, TO REMAIN
	CURB & GUTTER, TO REMAIN
	OVERHEAD UTILITY POLE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	CATCHBASIN, TO REMAIN
	SANITARY MANHOLE, TO REMAIN
	LIGHT POLE, TO REMAIN
	EXISTING TREE TO REMAIN

NOTES:

- XXXX.
- XXXX.
- XXXX.

90% DRAFT
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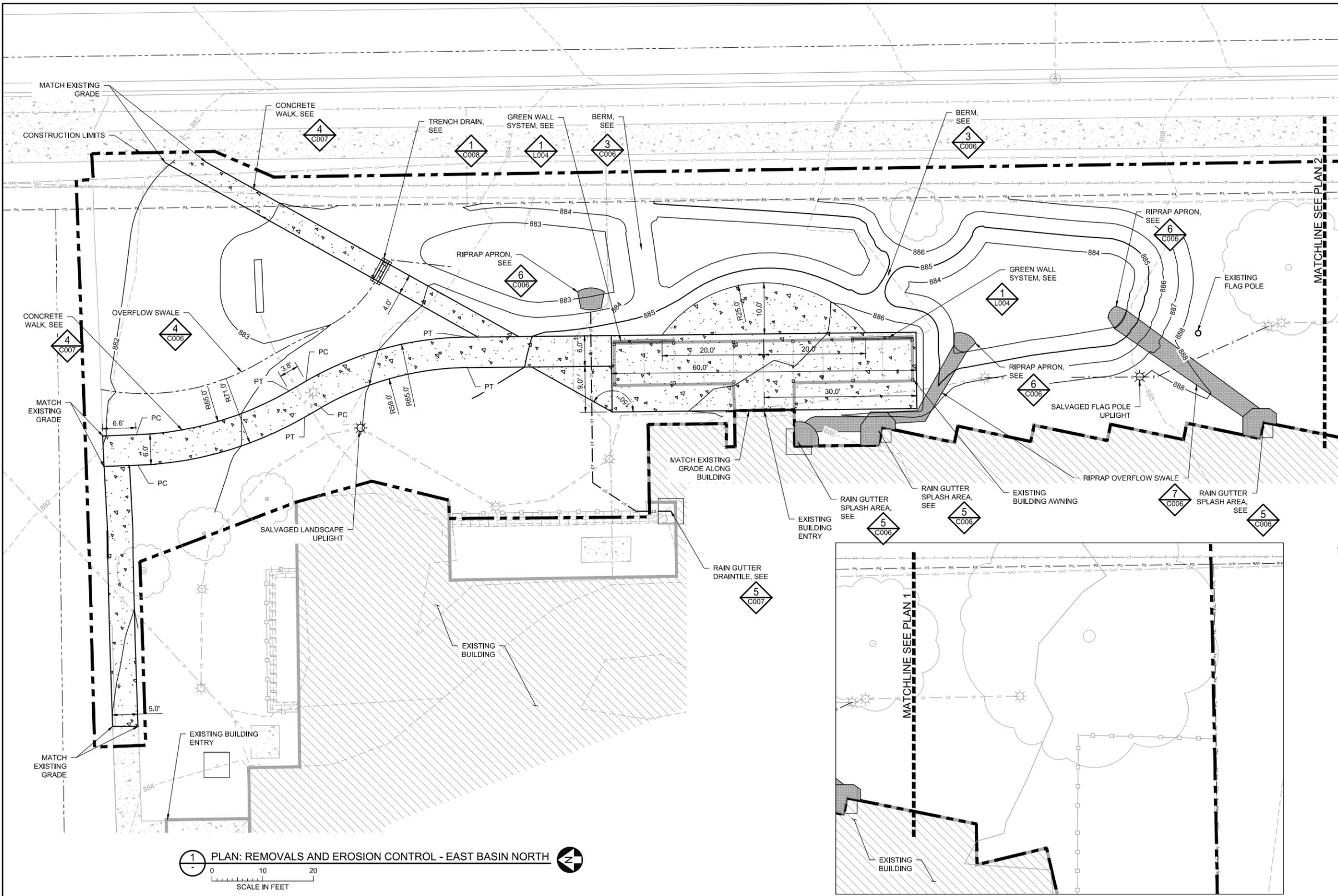
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2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
GRADING & SITE PLAN - NORTH BASINS

BARR PROJECT #	2362117225
DWG #	C003
REV #	A

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1/2" = 10' DATE: 1/28/2026 3:44 PM
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 CADD USER: OWEN Q. RICHEY FILE: M:\DESIGN\26211725_26211725_C004.DWG



LEGEND:

- CONSTRUCTION LIMITS
- EXISTING WALK OR DRIVE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED CURB AND GUTTER
- PROPOSED BITUMINOUS PAVEMENT
- PT POINT OF TANGENCY
- PC POINT OF CURVATURE
- EXISTING STORM PIPE, TO REMAIN
- EXISTING SANITARY SEWER, TO REMAIN
- EXISTING WATERMAIN, TO REMAIN
- EXISTING UNDERGROUND ELECTRIC, TO REMAIN
- EXISTING UNDERGROUND TELEPHONE, TO REMAIN
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- EXISTING TREE TO REMAIN

NOTES:

1. XXXX.
2. XXXX.
- 3.

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0 10 20
SCALE IN FEET

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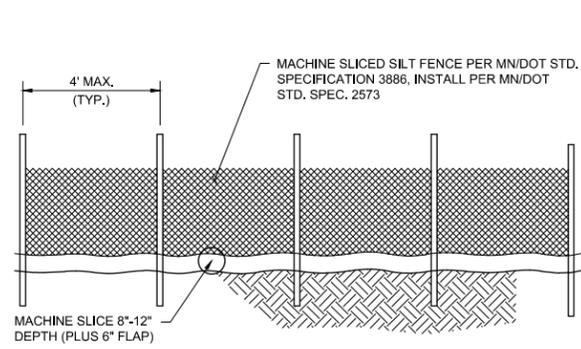
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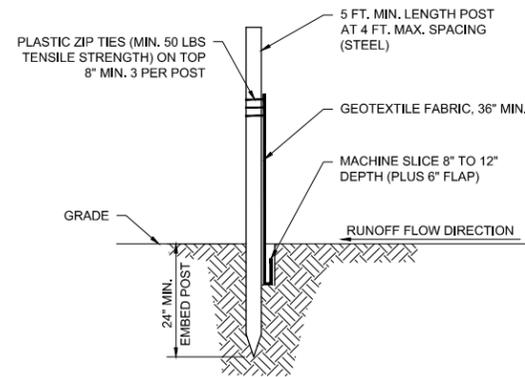
Ramsey-Washington Metro Watershed District

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ST. PAUL, MINNESOTA
GRADING & SITE PLAN - EAST BASIN

BARR PROJECT #	2362117225
DWG #	C004
REV #	A



DOWNSTREAM VIEW

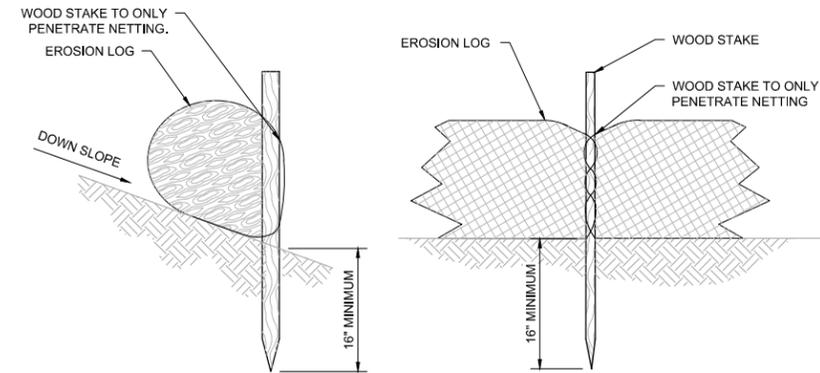


SECTION VIEW

NOTES:

1. INSTALL SILT FENCE PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED AND MAINTAIN THROUGHOUT THE CONSTRUCTION PERIOD. REMOVE SILT FENCE AND ANY ACCUMULATED SEDIMENT IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
2. SILT FENCE MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF MN/DOT SPECIFICATIONS 2573 AND 3886.
3. NO HOLES OR GAPS SHALL BE PRESENT IN/UNDER SILT FENCE. PREPARE AREA AS NEEDED TO SMOOTH SURFACE OR REMOVE DEBRIS.
4. REMOVE ACCUMULATED SEDIMENT WHEN BUILD UP REACHES 1/3 OF FENCE HEIGHT. OR INSTALL A SECOND SILT FENCE DOWNSTREAM OF THE ORIGINAL FENCE AT A SUITABLE DISTANCE.
5. WHEN SPLICES ARE NECESSARY MAKE SPLICE AT POST ACCORDING TO SPLICE DETAIL. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS TOGETHER AT LEAST 180 DEGREES TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL. CUT THE FABRIC NEAR THE BOTTOM OF THE POSTS TO ACCOMMODATE THE 6 INCH FLAP, THEN DRIVE BOTH POSTS AND BURY THE FLAP AND COMPACT BACKFILL.

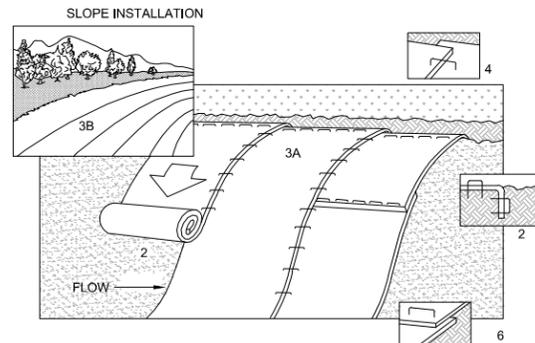
1 **DETAIL: SILT FENCE - MACHINE SLICED**
NOT TO SCALE



NOTES:

1. SEDIMENT CONTROL LOG MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF MN/DOT SPECIFICATIONS 2573 AND 3897.
2. REMOVE ACCUMULATED SEDIMENT WHEN BUILDUP REACHES 1/3 OF LOG HEIGHT.

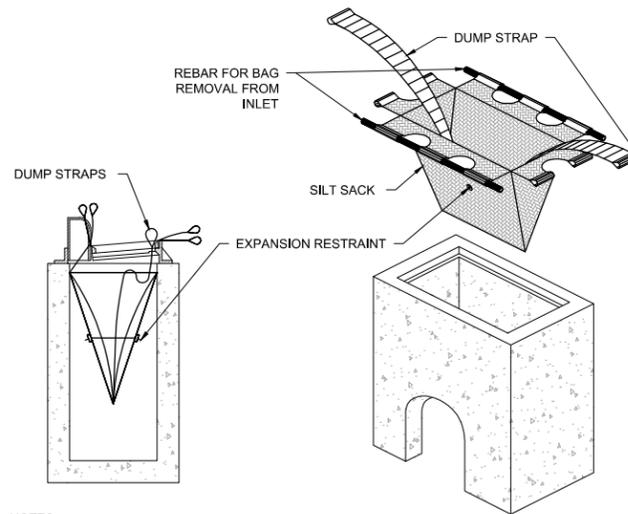
2 **DETAIL: SEDIMENT CONTROL LOG**
NOT TO SCALE



NOTES:

1. REFER TO MANUFACTURER RECOMMENDATIONS FOR STAPLE PATTERNS FOR SLOPE INSTALLATIONS.
2. PREPARE SOIL BY LOOSENING TOP 1-2 INCHES AND APPLY SEED (AND FERTILIZER WHERE REQUIRED) PRIOR TO INSTALLING BLANKETS. GROUND SHOULD BE SMOOTH AND FREE OF DEBRIS.
3. BEGIN (A) AT THE TOP OF THE SLOPE AND ROLL THE BLANKETS DOWN OR (B) AT ONE END OF THE SLOPE AND ROLL THE BLANKETS HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 6" OVERLAP, WITH THE UPHILL BLANKET ON TOP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. BLANKET MATERIALS SHALL BE AS SPECIFIED OR AS APPROVED BY ENGINEER.

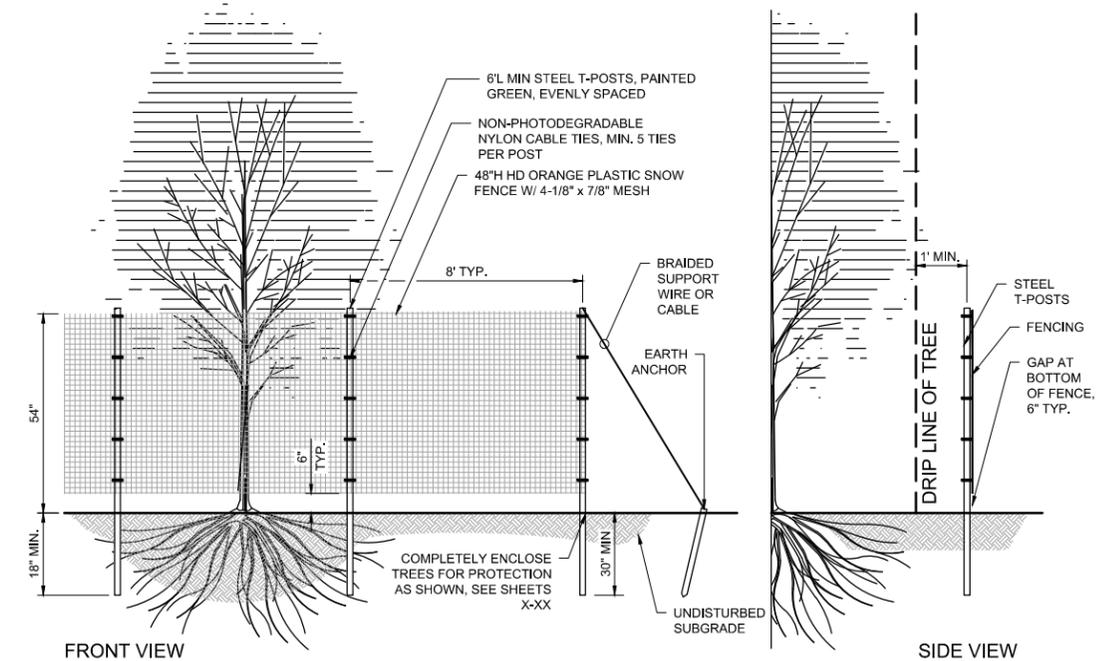
3 **DETAIL: EROSION CONTROL BLANKET - INSTALLATION**
NOT TO SCALE



NOTES:

1. INSTALL INLET PROTECTION PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED OR IMMEDIATELY FOLLOWING ANY CATCHBASIN INSTALLATION AND MAINTAIN THROUGHOUT THE CONSTRUCTION PERIOD.
2. MATERIALS SHALL BE SUFFICIENT TO ALLOW FLOW WHILE BLOCKING SEDIMENT. NO HOLES OR GAPS SHALL BE PRESENT IN/AROUND FILTER SACK.
3. CLEAN FILTER SACK AND REMOVE ACCUMULATED SEDIMENT AS REQUIRED TO ALLOW FLOW INTO THE CATCHBASIN AND PREVENT SEDIMENT FROM LEAVING THE DEVICE.
4. REMOVE DEVICE AND ANY ACCUMULATED SEDIMENT IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.

4 **DETAIL: INLET PROTECTION, FILTER SACK TYPE**
NOT TO SCALE
SEE ALSO MnDOT STD. PLATE NO. 5-297.405



NOTES:

1. ENSURE FENCE IS PULLED TAUGHT BETWEEN POSTS AND ANCHOR SECURELY AS SHOWN. ENSURE CABLE TIES ARE PULLED TAUGHT AGAINST POST TO PREVENT SLIPPING.
2. PROVIDE 6" TYP. SPACE AT BOTTOM OF FENCE AS SHOWN TO PREVENT SMALL ANIMAL ENTRAPMENT IN FENCED AREA.
3. ENSURE CABLE TIES ARE EXTREME WEATHER COLD TEMPERATURE UV STABILIZED TIES.
4. T-POSTS SHALL BE STUDDED FOR CABLE TIE ATTACHMENT.
5. INSPECT FENCE REGULARLY AND REPAIR TO MAINTAIN OR REPLACE AS NECESSARY THROUGHOUT THE TERM OF THE PROJECT.
6. CONTRACTOR TO REMOVE FENCE PRIOR TO FINAL PLANTING OPERATIONS. INCIDENTAL.
7. CONTRACTOR TO STAKE LOCATION FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.

5 **DETAIL: TREE PROTECTION FENCE**
NOT TO SCALE

90% DRAFT
NOT FOR CONSTRUCTION

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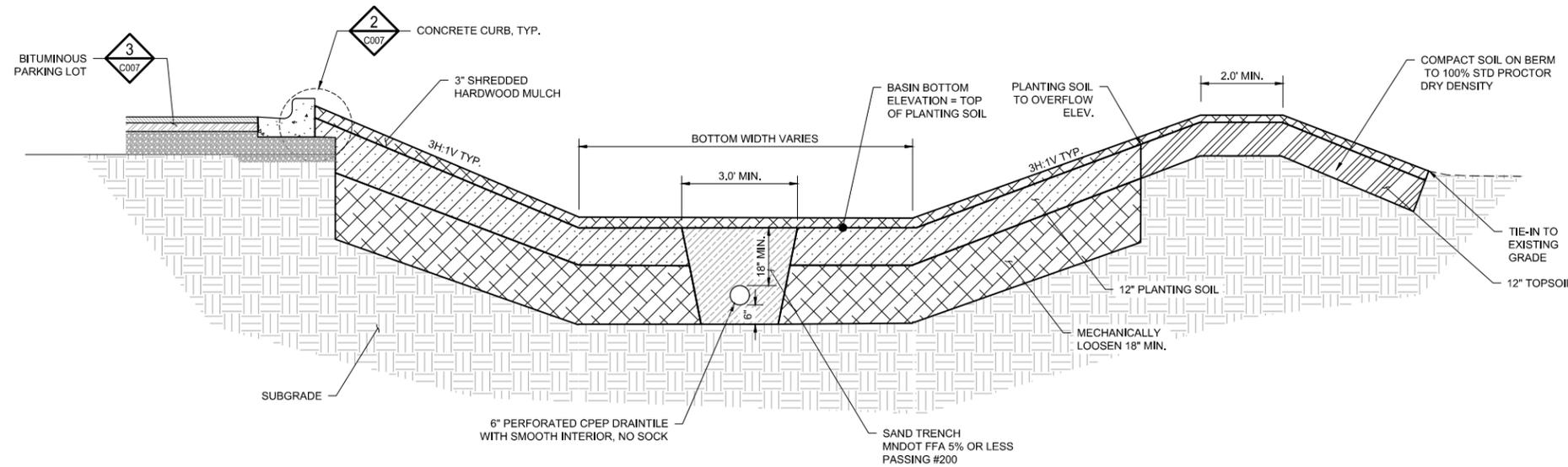
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A	OQR	XXX	XXX	XX/XX/20XX	90% DESIGN NOT FOR CONSTRUCTION

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4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435
PH: 1-800-632-2277 WWW.BARR.COM MINNESOTA ENGINEERING FIRM NUMBER 1010411545

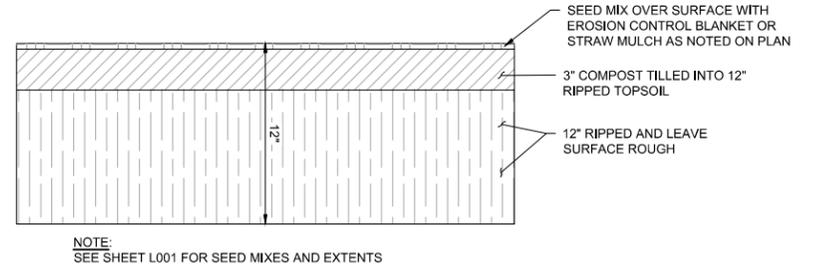
RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
EROSION CONTROL DETAILS

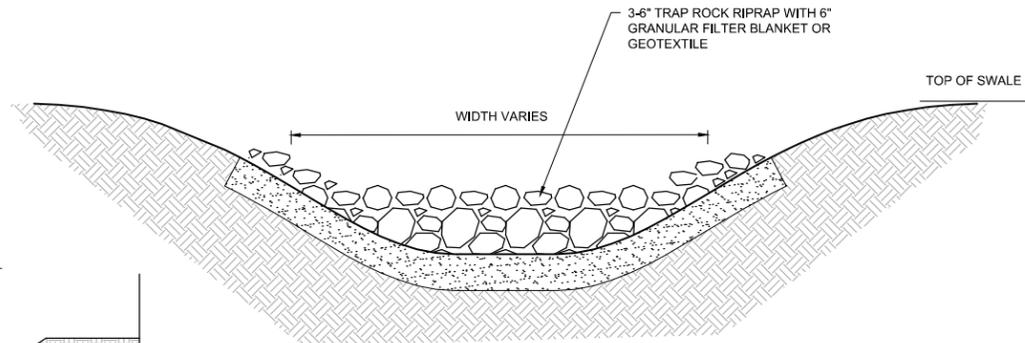
BARR PROJECT #	2362117225
DWG #	C005
REV #	A



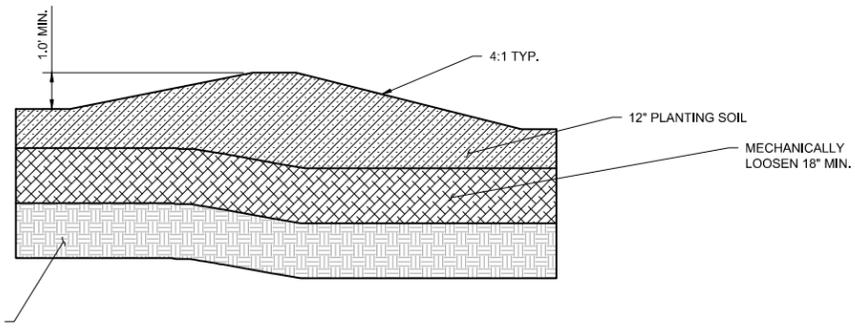
1 DETAIL: RAIN GARDEN TYPICAL WITH SAND TRENCH WITH DRAIN TILE
NOT TO SCALE



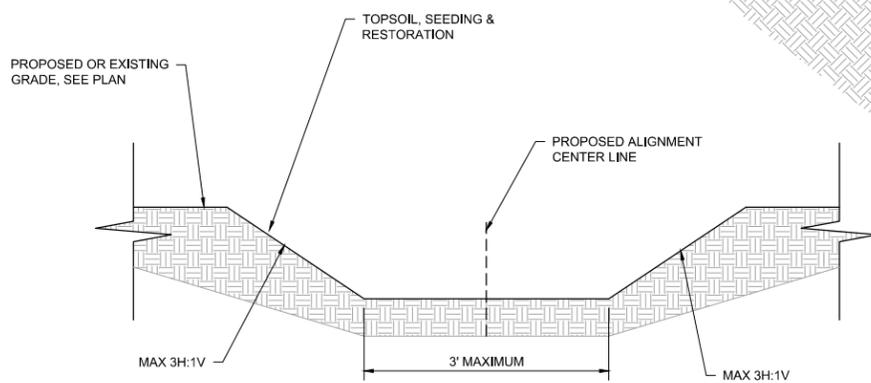
2 DETAIL: SOIL PREP
NOT TO SCALE



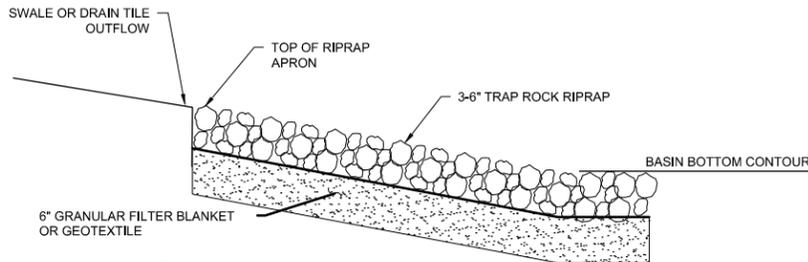
5 SECTION: RAIN GUTTER SPLASH AREA
NOT TO SCALE



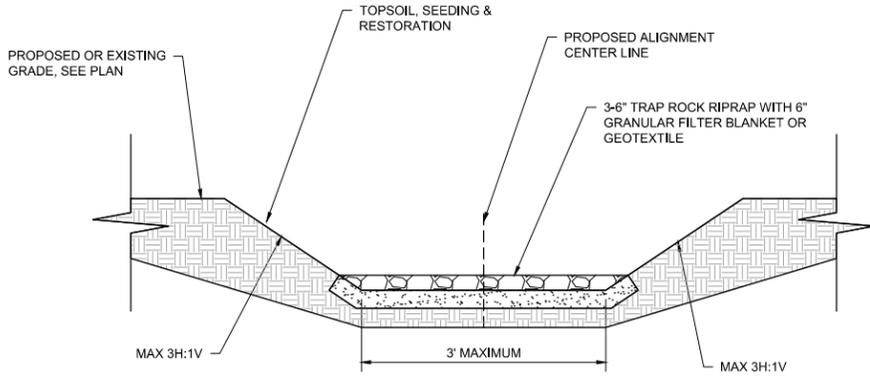
3 DETAIL: TYPICAL BERM
NOT TO SCALE



4 DETAIL: DRAINAGE SWALE
NOT TO SCALE



6 SECTION: RIPRAP APRON
NOT TO SCALE



7 DETAIL: RIPRAP DRAINAGE SWALE
NOT TO SCALE

90% DRAFT
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/28/2026 3:44 PM
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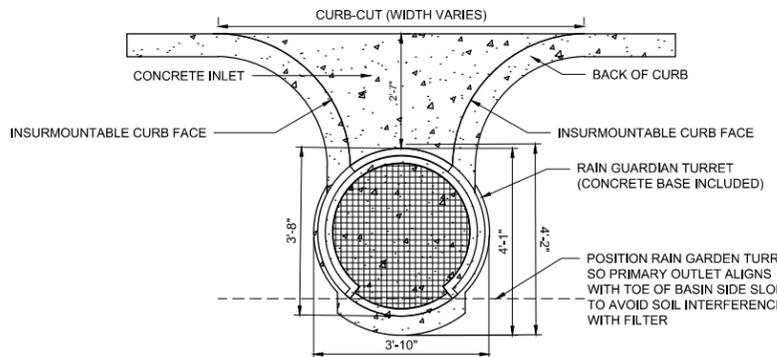
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MINNESOTA ENGINEERING FIRM
NUMBER 1010411545

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2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
SECTION DETAILS

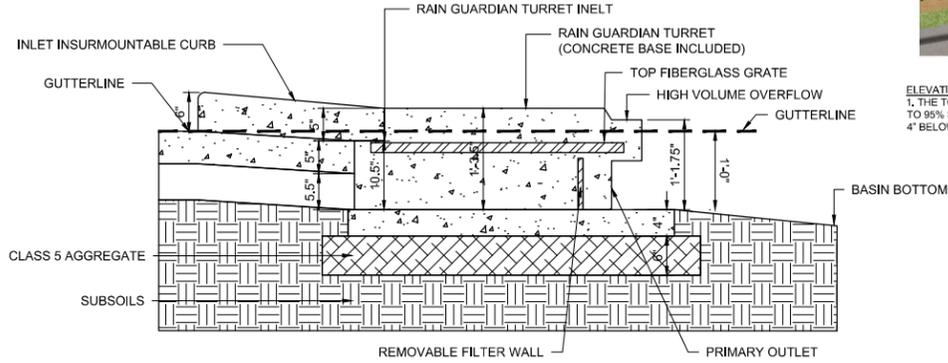
BARR PROJECT #	2362117225
DWG #	C006
REV #	A



PLAN VIEW NOTES:
 1. INLET WIDTH AND DISTANCE BETWEEN BACK OF CURB AND RAIN GUARDIAN TURRET MAY VARY WITH SITE CONDITIONS.
 2. CONCRETE BASE EXTENDS BEYOND THE FILTER WALL OF THE RAIN GUARDIAN TURRET TO SERVE AS A SPLASH DISSIPATOR.



ELEVATION VIEW NOTES:
 1. THE TOP OF THE CLASS 5 BASE (COMPACTED TO 95% STANDARD PROCTOR) IS PRECISELY 1' 4" BELOW THE GUTTERLINE ELEVATION.



SPECIFICATIONS:
 1. STEEL REINFORCED, COLD JOINT SECURED MONOLITHIC CONCRETE STRUCTURE (1,030 LBS). CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS. CONCRETE AIR ENTRAINMENT (5% TO 8.5% BY VOLUME), MANUFACTURED AND DESIGNED TO ASTM C886.
 2. THREE-POINT PICK USING RECESSED LIFTING POCKETS WITH A STANDARD HOOK.
 3. FIBERGLASS TOP GRATE (32 LBS, 1-1/2" THICK) - 1,760 LB CONCENTRATED LOAD OR 409 LBS/SQ-FT UNIFORM LOAD.

INSTALLATION NOTES:
 1. INSTALL THE CLASS 5 BASE (COMPACTED TO 95% STANDARD PROCTOR). THE DISTANCE FROM THE BACK OF THE CURB MAY VARY BASED ON SITE CONDITIONS, BUT CONSIDERATIONS SHOULD INCLUDE SLOPE OF THE INLET AND BASIN SIDE SLOPES ADJACENT TO THE RAIN GUARDIAN TURRET. POSITION RAIN GUARDIAN TURRET SO PRIMARY OUTLET ALIGNS WITH TOE OF BASIN SIDE SLOPE TO AVOID SOIL INTERFERENCE WITH FILTER.
 2. SET RAIN GUARDIAN TURRET ON THE PREPARED CLASS 5 BASE.
 3. INSTALL FRAMING FOR INLET BETWEEN RAIN GUARDIAN TURRET AND BACK OF CURB. TOP ELEVATIONS OF THE FRAMING SHOULD MATCH THE TOP OF THE CURB ON THE STREET SIDE AND THE TOP OF THE RAIN GUARDIAN TURRET ON THE BIoretENTION SIDE.
 4. INSTALL EXPANSION/CONTRACTION JOINT MATERIAL OR A SHEET OF POLY TO SERVE AS A BOND BREAK BETWEEN RAIN GUARDIAN TURRET AND CONCRETE INLET BEFORE POURING INLET.
 5. SIDE CURBS OF THE POURED INLET MUST HAVE AN INSURMOUNTABLE PROFILE TO PREVENT WATER FLOW FROM OVERTOPPING THE DOWNSTREAM SIDE OF THE INLET.
 6. REMOVABLE FILTER WALL SHOULD BE INSTALLED WITH FILTER FABRIC ON THE INTERIOR SIDE OF THE RAIN GUARDIAN TURRET.

APPROVED: [Signature] CITY ENGINEER

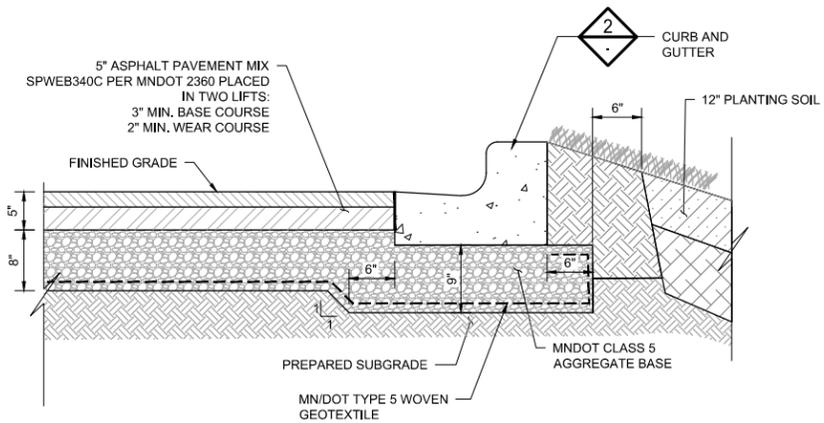
CITY OF ST. PAUL
 DEPARTMENT OF PUBLIC WORKS
 CONCRETE CURB AND GUTTER
 DESIGN B

Date of Revision: July 2002
 Standard Plate No. 3100C

DIMENSIONS	W = 12"		W = 18"		W = 24"		W = 30"							
	H	A	H	A	H	A	H	A						
4	7-3/8"	11-1/2"	B412	0.0421	23.8	B418	0.0529	18.9	B424	0.0637	15.7	B430	0.0745	13.4
6	8"	13-1/2"	B612	0.0474	21.1	B618	0.0582	17.2	B624	0.0690	14.5	B630	0.0798	12.5
8	8-5/8"	15-1/2"	B812	0.0529	18.9	B818	0.0637	15.7	B824	0.0745	13.4	B830	0.0853	11.7
9	9"	16-3/8"	B912	0.0559	17.9	B918	0.0667	15.0	B924	0.0775	12.9	B930	0.0883	11.3
10	9-3/8"	17-5/8"	B1012	0.0589	17.0	B1018	0.0697	14.4	B1024	0.0805	12.4	B1030	0.0913	11.0

1 DETAIL: PRECAST CONCRETE INLET STRUCTURE AND APRON
 NOT TO SCALE

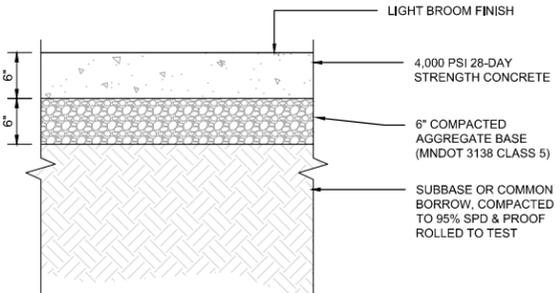
2 DETAIL: CONCRETE CURB AND GUTTER B612
 SCALE AS SHOWN



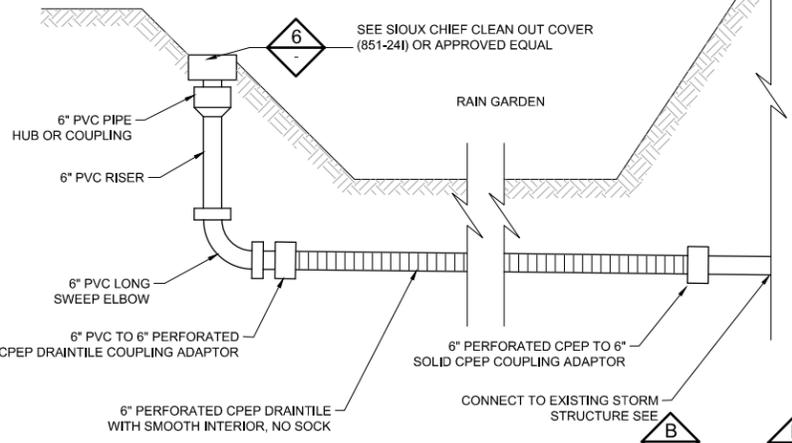
NOTE: ALL BITUMINOUS PAVEMENT AND CONCRETE CURB AND GUTTER SHALL BE IN ACCORDANCE WITH CITY OF SAINT PAUL STANDARD SPECIFICATIONS

3 DETAIL: MEDIUM DUTY BITUMINOUS PAVING
 1"=1'-0"

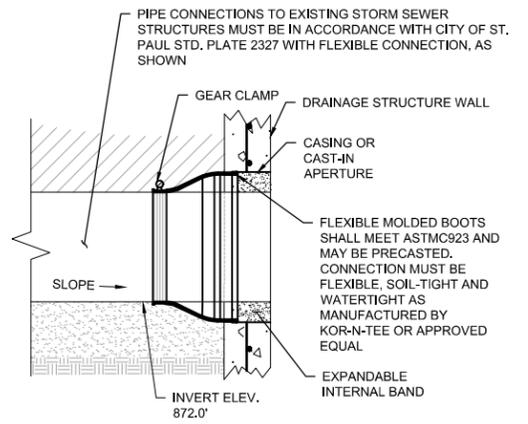
- NOTES:**
- COMPLY WITH ALL MnDOT STANDARDS IN INSTALLATION.
 - ENSURE BASE IS PROPERLY COMPACTED AND TO CORRECT MOISTURE CONTENT PER PROJECT STANDARDS BEFORE INSTALLING CONCRETE.
 - INSTALL EXPANSION JOINTS EVERY 6 FT ALONG ALL SIDEWALKS UNLESS NOTED ON PLAN.
 - INSTALL EXPANSION AND CONTROL JOINTS PER PROJECT DETAILS, TYP.
 - SHALL BE IN ACCORDANCE WITH CITY OF SAINT PAUL STANDARD PLATE 1300D.



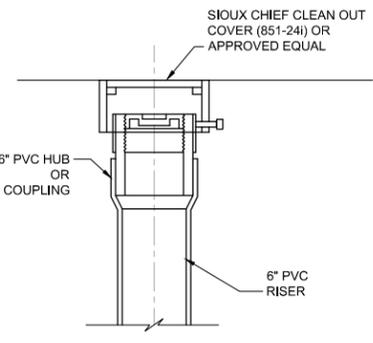
4 DETAIL: CONCRETE WALKS
 1"=1'-0"
 SCALE IN FEET



5 DETAIL: DRAINTILE SYSTEM WITH CLEAN OUT AND OUTLET
 NOT TO SCALE



B CONNECTION TO EXISTING STORM STRUCTURE
 NOT TO SCALE



6 DETAIL: DRAINTILE CLEAN OUT
 NOT TO SCALE

90% DRAFT
 NOT FOR CONSTRUCTION

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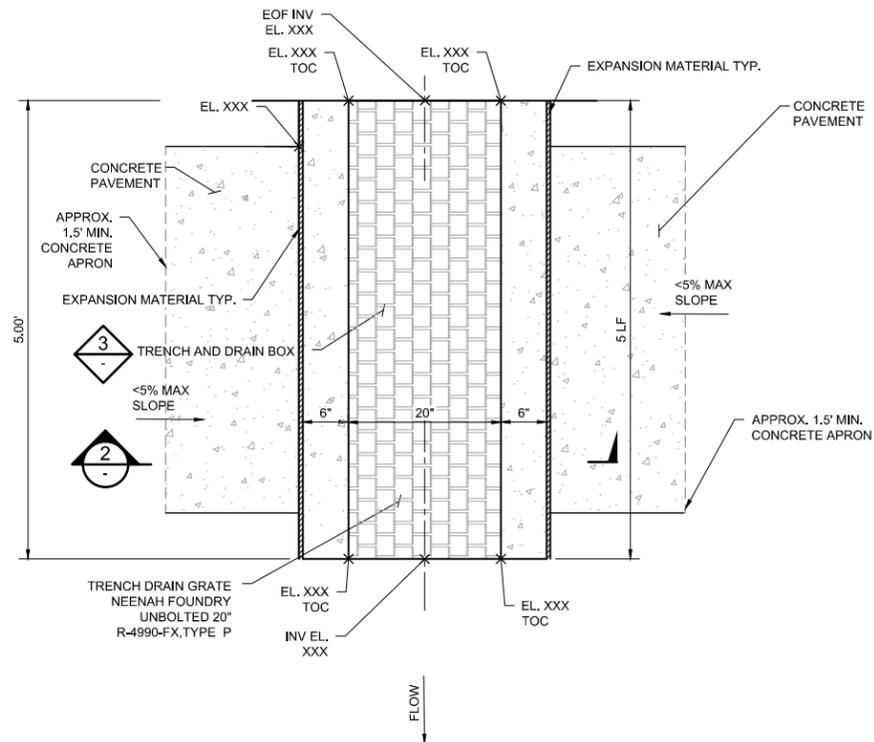
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 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435
 PH: 1-800-632-2277 WWW.BARR.COM MINNESOTA ENGINEERING FIRM NUMBER 1010411545

RWMWD
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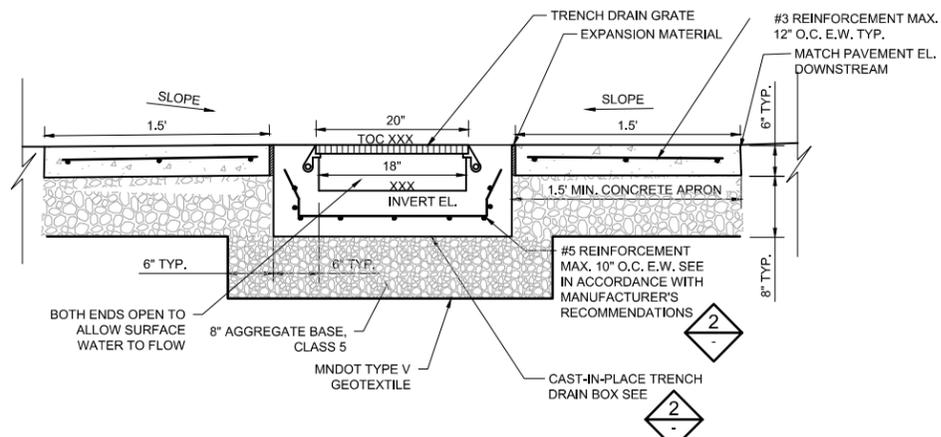
2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
 ST. PAUL, MINNESOTA
 CIVIL DETAILS (1 OF 2)

BARR PROJECT #	2362117225
DWG #	C007
REV #	A

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1 DETAIL: TRENCH DRAIN
NOT TO SCALE



3 SECTION: TRENCH DRAIN #1
NOT TO SCALE

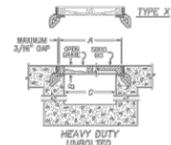
**R-4990
HEAVY DUTY TRENCH**

Materials: All frames and grates/lids are furnished standard in gray iron, meeting ASTM-A48 Class 35-B for heavy-duty use. For extra heavy-duty use or superior durability requirements, see our ductile iron Airport and Port Grating Series on page 286.
Neenah recommends project designers avoid the use of light duty trench installations because it is likely that applications will be subjected to heavy delivery vehicle traffic at some time. Furthermore, the use of a site could be changed to heavy duty use patterns at some unanticipated future date.

Dimensions in inches

Un-Bolted Catalog No.	A	B	C	Type A	Type C	Type D	Type E	Type P	Type Q
R-4990-AX	8	1 1/2	6	x	x	x	x	x	x
R-4990-BX	10	1 1/2	8	x	x	x	x	x	x
R-4990-CX	12	1 1/2	10	x	x	x	x	x	x
R-4990-DX	14	1 1/2	12	x	x	x	x	x	x
R-4990-EX	17	1 1/2	15	x	x	x	x	x	x
R-4990-FX	20	1 1/2	18	x	x	x	x	x	x
R-4990-GX	23	1 1/2	21	x	x	x	x	x	x
R-4990-HX	26	1 1/2	24	x	x	x	x	x	x
R-4990-IX	30	2	27	x	x	x	x	x	x
R-4990-KX	33	2	30	x	x	x	x	x	x
R-4990-LX	36	2	33	x	x	x	x	x	x
R-4990-MX	39	2	36	x	x	x	x	x	x
R-4990-NX	45	2	42	x	x	x	x	x	x
R-4990-OX	51	2	48	x	x	x	x	x	x

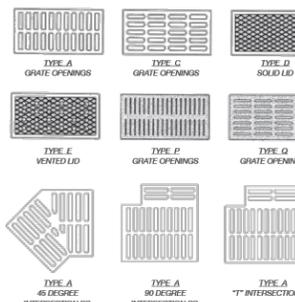
x - Indicates availability.
* Deep Ribs (consult shop drawing for dimensions).
Deep Ribs = "B" dimension times 2 or greater.



General schematic shown may not apply to all designs. Bar and rib depths, plate thicknesses and seating widths vary on different sizes and styles. If your project has design restrictions, contact your sales representative or product engineering.



Illustrating Type C trench. Trench sections are furnished in 24" standard lengths.
Note: In Type A and P grates the slots are perpendicular to the trench run. In Type C and Q grates the slots are parallel with the trench run.



Read Carefully Before Ordering
The various standard trench drains are available with a number of alternatives. It is important to examine all of the variables carefully and specify your requirements fully. Your order will be entered correctly and promptly if it includes the following information:

- Complete catalog number
- Frame end pieces, when required
- Type of Lid or Grate: A, C, D, E, P or Q
- Length of trench sections
- Angles and intersections *
- Load requirements

*Trenches with angles, intersections, size changes or other special requirements require detail drawings prior to ordering. Contact your sales representative or product engineering for assistance.
800-558-8075

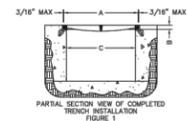
Note: 45°, 90° and "T" available in limited sizes and types.

R-4990

Suggested Forming Instructions for R-4990 Frame and Grate/Lid

Unbolted Installation
A typical installation is shown in Figure 1. Details and suggestions are based on using the Neenah Foundry Type X Frame.

Materials
Under normal situations, use 3/4 inch plywood for forming walls. 2x4s are suitable for studs, plates, bracing and spreaders.



Forming Procedures
Pour the floor slab of the trench according to the plans and specifications. The width of the forming, (see Figure 2) measured from the outside edges of the forms, corresponds to the "C" dimension on Figure 1. During the entire forming procedure, verify that the forms are plumb, straight, solid and level.

The height of the form corresponds to the final grade elevation. Extend the spreaders beyond the edge of the forms (see Figure 3 and 4) to provide a stop for the frame and seat form.

To attach the cast iron frame to the forming, the use of a "seat form" is recommended to assure that the frame is at the proper elevation and true. The seat form has the same dimensions as the frame, with the height corresponding to the frame height (the "B" dimension), and the width the same as the seat width of the frame. The seat width should be field measured to assure as proper fit. All Neenah frames have a slight radius at the corner of the seat and vertical face so the seat form should be beveled to accommodate the radius. Most 2x4's have this radius.

Nail the seat form to the frame using the holes in the frame. (Figures 3 & 4)

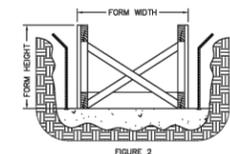


FIGURE 2

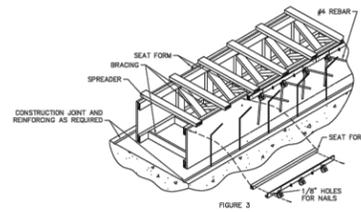


FIGURE 3

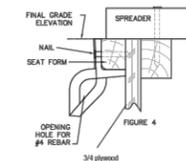


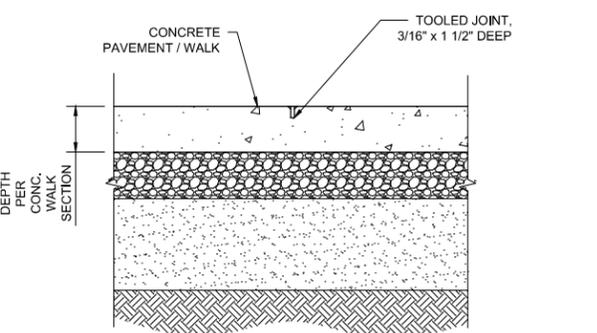
FIGURE 4

(The rebar shown in the vertical walls of the trench is for illustrative purposes only. Proper sizing and placement is the responsibility of the engineering firm providing the project design.)

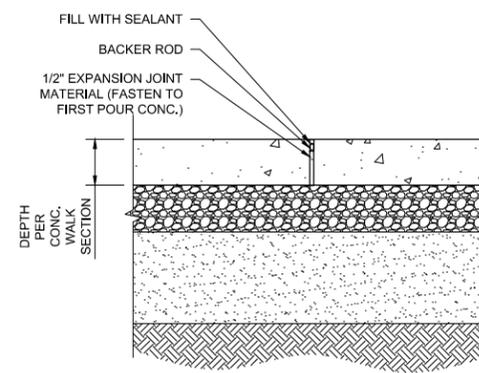
Frames should butt together snugly, leaving as little gap as possible. Place a 90 degree bent #4 rebar through the holes in the anchor lugs to provide anchorage in the concrete. Verify the space between the edges of the grate and frame so grates will fit properly. There should be a gap but no greater than 3/16" (see Figure 1).

Pour concrete and use the top edge of the frame as a screed plane.

2 DETAIL: TRENCH DRAIN AND BOX INSTALLATION (UNBOLTED)
NOT TO SCALE



4 DETAIL: CONCRETE SIDEWALK TOOLED CONTROL JOINT
NOT TO SCALE



5 DETAIL: CONCRETE SIDEWALK EXPANSION JOINT
NOT TO SCALE

90% DRAFT
NOT FOR CONSTRUCTION

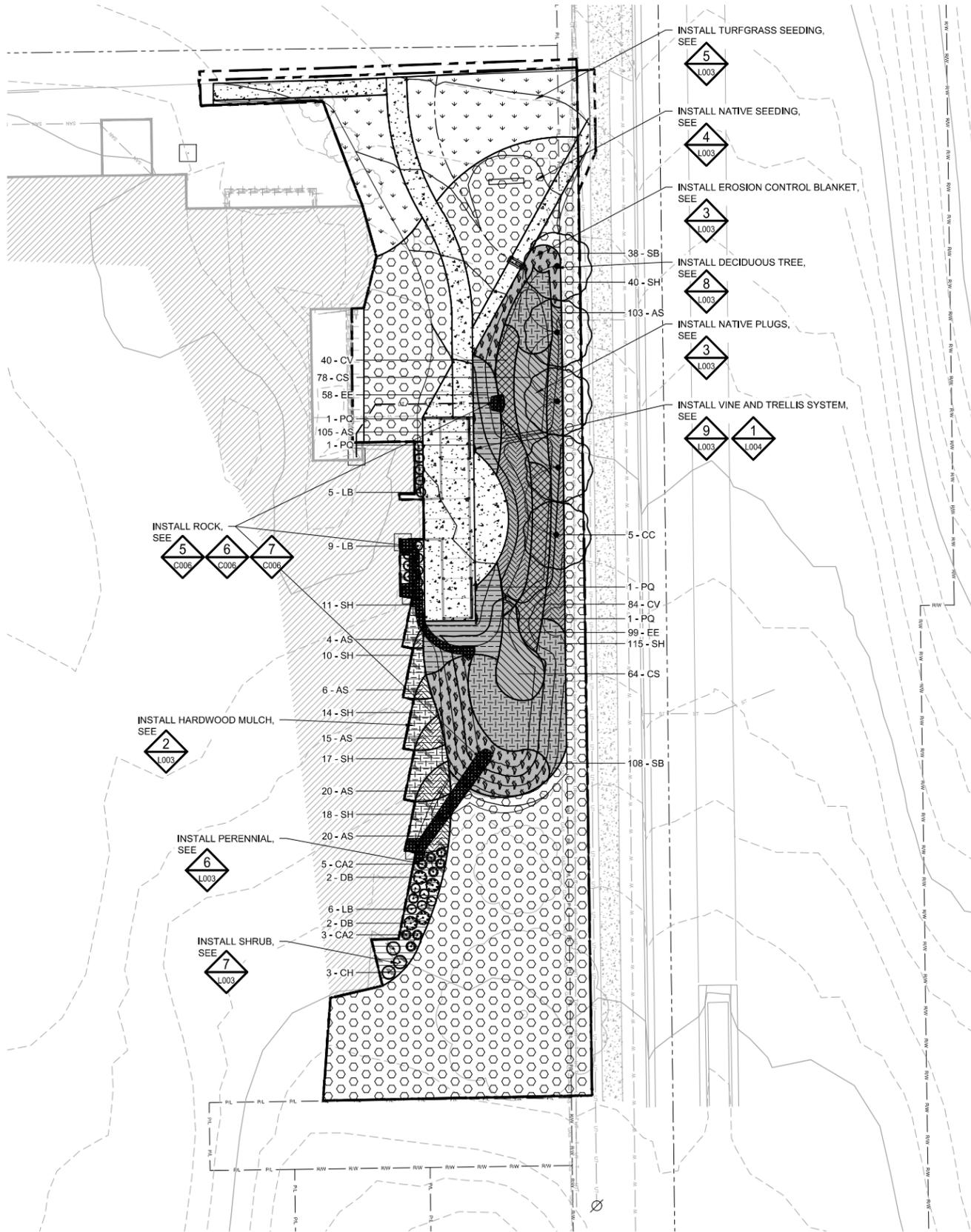
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A	OQR	XXX	XXX	XX/XX/20XX	90% DESIGN NOT FOR CONSTRUCTION

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RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
CIVIL DETAILS (2 OF 2)

BARR PROJECT #	DWG #	REV #
2362117225	C008	A



PLANT SCHEDULE EAST BASIN

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
TREES						
	CC	CERCIS CANADENSIS 'HEART'S DESIRE'	HEART'S DESIRE REDBUD	1.5"	B&B	5
SHRUBS						
	CA2	CALAMAGROSTIS X ACUTIFLORA	FEATHER REED GRASS	#1	CONT.	8
	CH	CORNUS HESSEI 'UMN970507'	GARDEN GLOW™ DOGWOOD	#2	CONT.	3
	DB	DIERVILLA SESSILIFOLIA 'BUTTERFLY'	BUTTERFLY BUSH-HONEYSUCKLE	#2	CONT.	4
	LB	LIGULARIA DENTATA 'BRITT-MARIE CRAWFORD'	BRITT-MARIE CRAWFORD LIGULARIA	#1	CONT.	20
	PQ	PARTHENOCISSUS QUINQUEFOLIA	VIRGINA CREEPER	#1	CONT.	4
GROUND COVERS						
	AS	ALLIUM X 'SUMMER BEAUTY'	SUMMER BEAUTY ORNAMENTAL ONION	#1 CONT.	24" o.c.	273
	CS	CAREX STRICTA	TUSsock SEDGE	4" PLUG	24" o.c.	142
	CV	CAREX VULPINOIDEA	FOX SEDGE	4" PLUG	24" o.c.	124
	EE	ECHINACEA PURPUREA 'ELTON KNIGHT'	ELTON KNIGHT CONEFLOWER	#1 CONT.	24" o.c.	157
	SB	SCHIZACHYRIUM SCOPARIUM 'MINNBLUEA'	BLUE HEAVEN® LITTLE BLUESTEM	4" PLUG	30" o.c.	146
	SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	4" PLUG	30" o.c.	225

SITE RESTORATION NOTES

- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND FIELD-VERIFYING ALL EXISTING UTILITIES PRIOR TO INITIATING WORK ON THE SITE AND THROUGHOUT THE TERM OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING UTILITIES FROM DAMAGE DURING ALL SITE RESTORATION AND PLANTING OPERATIONS.
- CONSTRUCTION LIMITS AS SHOWN ARE APPROXIMATE. FINAL CONSTRUCTION LIMITS TO BE COORDINATED WITH THE OWNER AND STAKED IN THE FIELD.
- CONTRACTOR SHALL TAKE PRECAUTIONS TO MINIMIZE THE TRANSFER OF AQUATIC AND TERRESTRIAL INVASIVE SPECIES TO THE MAXIMUM EXTENT POSSIBLE.
- ALL EXISTING TREES SHALL BE PROTECTED DURING CONSTRUCTION, UNLESS IDENTIFIED FOR REMOVAL PER PLAN OR AS DIRECTED IN THE FIELD BY THE ENGINEER.
- ALL EXISTING TREES TO REMAIN, TREE ROOTS, PLANTING BEDS, CONCRETE, ASPHALT, EXISTING CURBS, PAVEMENT, SIDEWALKS, AND OTHER SITE ELEMENTS SHALL BE PROTECTED FROM IMPACTS FROM ALL SOIL PREPARATION AND LANDSCAPING OPERATIONS. AVOID COMPACTING SOIL WITH HEAVY EQUIPMENT. ANY DAMAGE TO EXISTING SITE FEATURES, STRUCTURES, OR NEWLY CONSTRUCTED ITEMS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SATISFACTION.
- PROTECT PLANTS ON THE SITE FROM STRESS PRIOR TO INSTALLATION BY PLACING IN SHADE, HEELING INTO MULCH, WATERING, AND USE OF OTHER APPROPRIATE MEASURES.
- ANY COMPACTION OF PREVIOUSLY LOOSENEED SOIL MUST BE RELOOSENEED PRIOR TO TOPSOILING OR PLANT INSTALLATION. SEE LANDSCAPE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
- STAKE OR OTHERWISE LAYOUT ALL INDIVIDUAL/SPECIMEN TREES AND SHRUBS AS SHOWN ON PLAN, DETAILS, AND PLANT SCHEDULE. SOME FIELD ADJUSTMENT MAY BE NECESSARY. LANDSCAPE ARCHITECT TO REVIEW PLANT LAYOUT PRIOR TO PLANTING. INFORM THE LANDSCAPE ARCHITECT OF PLANTING A MINIMUM OF THREE (3) DAYS PRIOR TO PLANT DELIVERY.
- PLACE MULCH AS SPECIFIED TO DEPTH WITHIN ALL PLANTING AREAS.
- THOROUGHLY WATER ALL PLANTINGS WITHIN 2 HOURS AFTER INSTALLATION. SEE PROJECT SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR WATERING PLANTS (REGARDLESS OF NOTIFICATION) THROUGHOUT THE ENTIRE WARRANTY PERIOD. WATERING WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- PROVIDE 6" TOPSOIL, PERMANENT SEEDING, AND EROSION CONTROL BLANKET PER MNDOT 3885 FOR ALL ON- AND OFF-SITE DISTURBED AREAS AS SHOWN ON THE PLANS. SEED ANY DISTURBED AREAS NOT OTHERWISE INDICATED ON THE PLANS WITH TYPE A MIX AT THE SPECIFIED RATE.
- NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN PLANS, SPECIFICATIONS, AND/OR FIELD CONDITIONS ENCOUNTERED.
- REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL INFORMATION. IN THE CASE OF ANY DISCREPANCIES BETWEEN DETAILS, PLANS, AND/OR SPECIFICATIONS, THE SPECIFICATIONS SHALL GOVERN.

LEGEND:

	CONSTRUCTION LIMITS
	EXISTING WALK OR DRIVE
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED CURB AND GUTTER
	PROPOSED MULCH BED
	PROPOSED NATIVE SEEDING
	PROPOSED TURF SEEDING
	PROPOSED EROSION CONTROL BLANKET
	PROPOSED ROCK
	EXISTING STORM PIPE, TO REMAIN
	EXISTING SANITARY SEWER, TO REMAIN
	EXISTING WATERMAIN, TO REMAIN
	EXISTING UNDERGROUND ELECTRIC, TO REMAIN
	EXISTING UNDERGROUND TELEPHONE, TO REMAIN
	EXISTING GAS UTILITY, TO REMAIN
	OVERHEAD UTILITY, TO REMAIN
	EASEMENT OR PARCEL LINE
	EXISTING FENCING, TO REMAIN
	CURB & GUTTER, TO REMAIN
	OVERHEAD UTILITY POLE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	STORMWATER STRUCTURE, TO REMAIN
	CATCHBASIN, TO REMAIN
	SANITARY MANHOLE, TO REMAIN
	LIGHT POLE, TO REMAIN
	EXISTING TREE TO REMAIN

1 PLAN: LANDSCAPE PLAN

0 20 40

SCALE IN FEET

90% DRAFT
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/29/2026 2:28 PM
CADD USER: ELLIB_ZAKOVSKI FILE: M:\DESIGN\23621172_23621172_001.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME _____
SIGNATURE _____
DATE _____ LICENSE # _____

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
A	EMB	AMP3	MDB3	01/29/2026	90% DRAFT NOT FOR CONSTRUCTION

BARR

4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 1010411545

RWMWD

Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
LANDSCAPE PLAN
EAST BASIN

BARR PROJECT #	2362117225
DWG #	L001
REV #	A

PLANT SCHEDULE NORTH BASINS

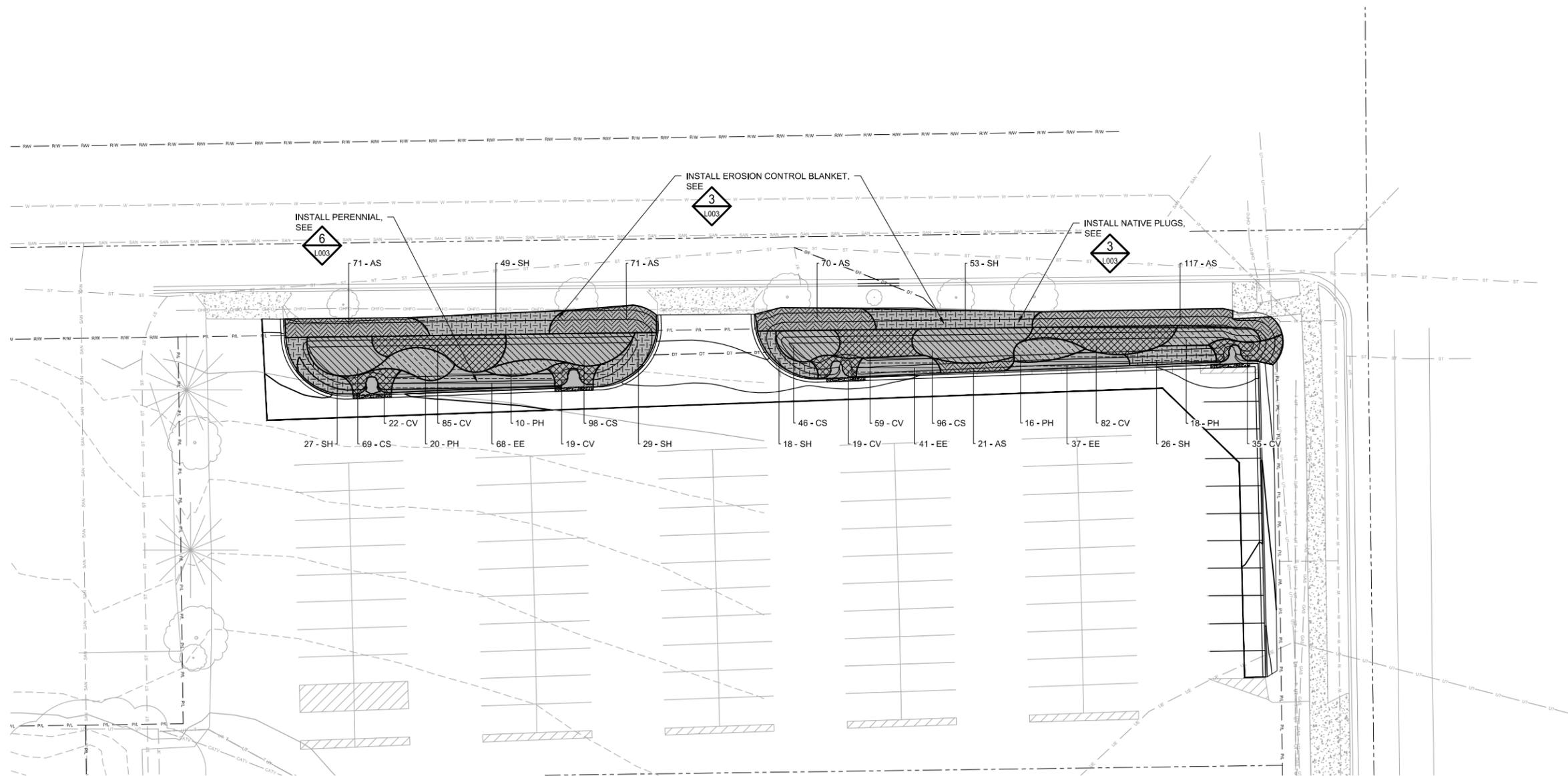
SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
GROUND COVERS						
	AS	ALLIUM X 'SUMMER BEAUTY'	SUMMER BEAUTY ORNAMENTAL ONION	#1 CONT.	24" o.c.	350
	CS	CAREX STRICTA	TUSOCK SEDGE	4" PLUG	24" o.c.	309
	CV	CAREX VULPINOIDEA	FOX SEDGE	4" PLUG	24" o.c.	321
	EE	ECHINACEA PURPUREA 'ELTON KNIGHT'	ELTON KNIGHT CONEFLOWER	#1 CONT.	24" o.c.	146
	PH	PANICUM VIRGATUM 'HEAVY METAL'	HEAVY METAL SWITCH GRASS	#1 CONT.	36" o.c.	64
	SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	4" PLUG	30" o.c.	202

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LEGEND:

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- EXISTING WALK OR DRIVE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED CURB AND GUTTER
- PROPOSED BITUMINOUS PAVEMENT
- PROPOSED EROSION CONTROL BLANKET
- EXISTING STORM PIPE, TO REMAIN
- EXISTING SANITARY SEWER, TO REMAIN
- EXISTING WATERMAIN, TO REMAIN
- EXISTING UNDERGROUND ELECTRIC, TO REMAIN
- EXISTING UNDERGROUND TELEPHONE, TO REMAIN
- EXISTING GAS UTILITY, TO REMAIN
- OVERHEAD UTILITY, TO REMAIN
- EASEMENT OR PARCEL LINE
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- STORMWATER STRUCTURE, TO REMAIN
- STORMWATER STRUCTURE, TO REMAIN
- CATCHBASIN, TO REMAIN
- SANITARY MANHOLE, TO REMAIN
- LIGHT POLE, TO REMAIN
- EXISTING TREE TO REMAIN



1 PLAN: PLANTING PLAN
 0 20 40
 SCALE IN FEET

90% DRAFT
 NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/29/2026 11:52 AM
 CADD USER: ELLIB_ZALKOVSKI FILE: M:\DESIGN\23621172_23621172_002.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME _____
 SIGNATURE _____
 DATE _____ LICENSE # _____

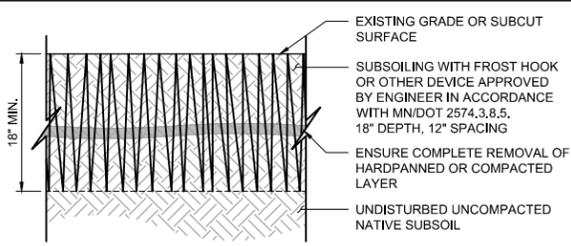
#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
A	EMB	AMP3	MDB3	01/29/2026	90% DRAFT NOT FOR CONSTRUCTION

BARR
 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435
 PH: 1-800-632-2277 WWW.BARR.COM MINNESOTA ENGINEERING FIRM NUMBER 1010411545

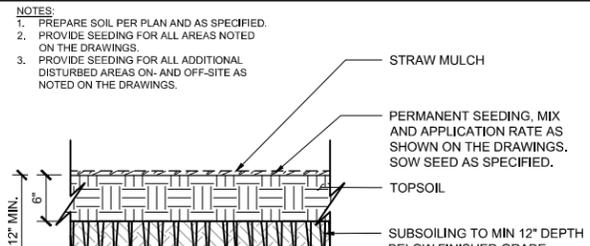
RWMWD
 Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
 ST. PAUL, MINNESOTA
 PLANTING PLAN
 NORTH BASINS

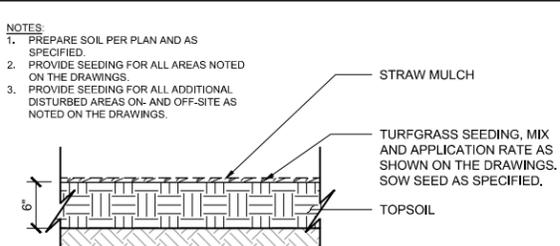
BARR PROJECT #	2362117225
DWG #	L002
REV #	A



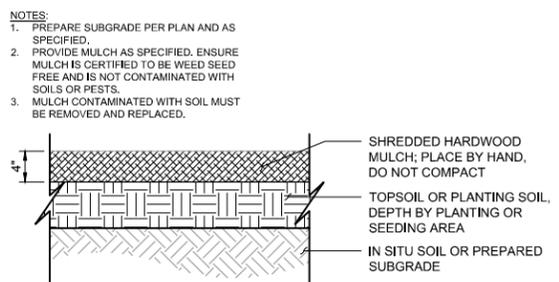
1 DETAIL: SUBSOILING
NOT TO SCALE



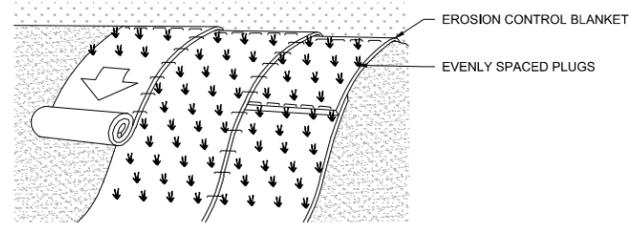
4 DETAIL: PERMANENT SEEDING
NOT TO SCALE



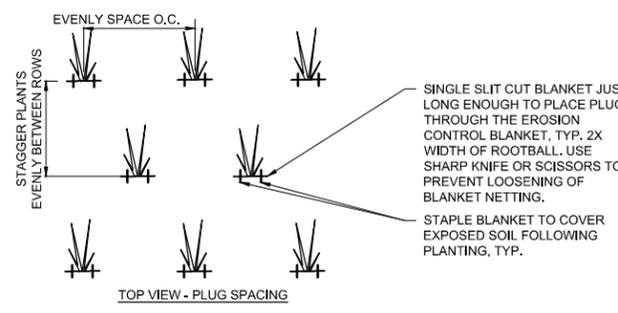
5 DETAIL: TURFGRASS SEEDING
NOT TO SCALE



2 DETAIL: HARDWOOD MULCH
NOT TO SCALE



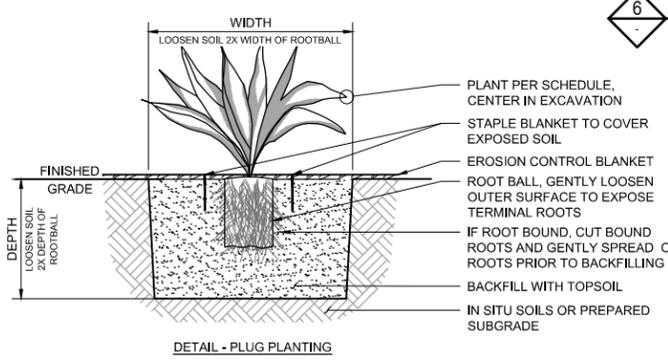
AXON VIEW



TOP VIEW - PLUG SPACING

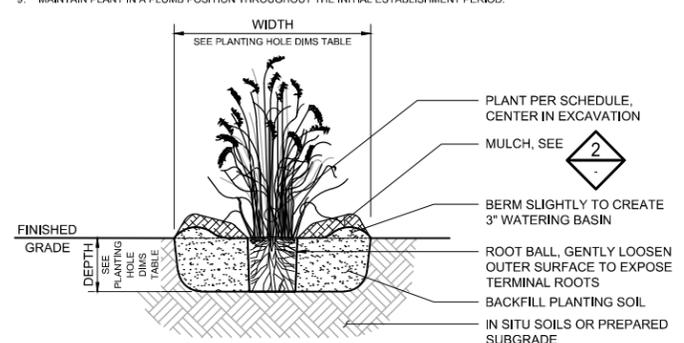
- PLUG PLANTING PREPARATION NOTES:**
1. PREPARE SOIL BY LOOSENING TOP 1-2 INCHES AND APPLY SEED PRIOR TO INSTALLING BLANKETS. GROUND SHOULD BE SMOOTH AND FREE OF DEBRIS.
 2. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 6\"/>

3 DETAIL: PLUG PLANTING
NOT TO SCALE

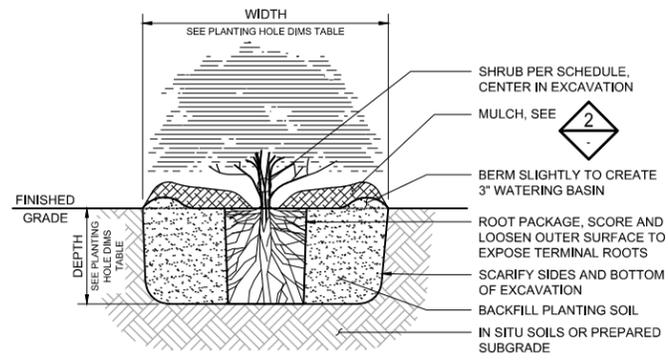


- PLUG PLANTING NOTES:**
1. USE SHARP KNIFE OR SCISSORS TO CREATE A SINGLE CUT IN THE EROSION CONTROL BLANKET.
 2. EXCAVATE SOIL AND PREPARE PLANTING SOIL PER PLAN AND AS SPECIFIED.
 3. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
 4. PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
 5. REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED. SCARIFY BOTTOM AND OUTER PERIMETER OF ROOTBALL TO LOOSEN ROOTS AND PREPARE THE PLANT FOR PLANTING.
 6. SET PLANT ON IN SITU SOIL IN EXCAVATION AND PLUMB.
 7. BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL. GENTLY FIRM SOIL AROUND THE ROOT MASS TO MAINTAIN PLUMB.
 8. STAPLE EROSION CONTROL BLANKET AROUND PLUG TO COVER ANY EXPOSED SOIL.
 9. WATER THOROUGHLY WITHIN 2 HOURS AFTER PLANTING TO FILL VOIDS. BACKFILL ANY VOIDS CREATED DURING INITIAL WATERING AND RE-WATER.
 10. MAINTAIN PLANT IN A PLUMB POSITION THROUGHOUT THE INITIAL ESTABLISHMENT PERIOD.

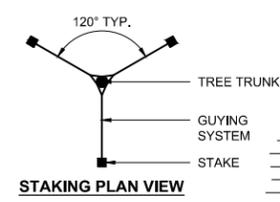
6 DETAIL: PERENNIAL PLANTING
NOT TO SCALE



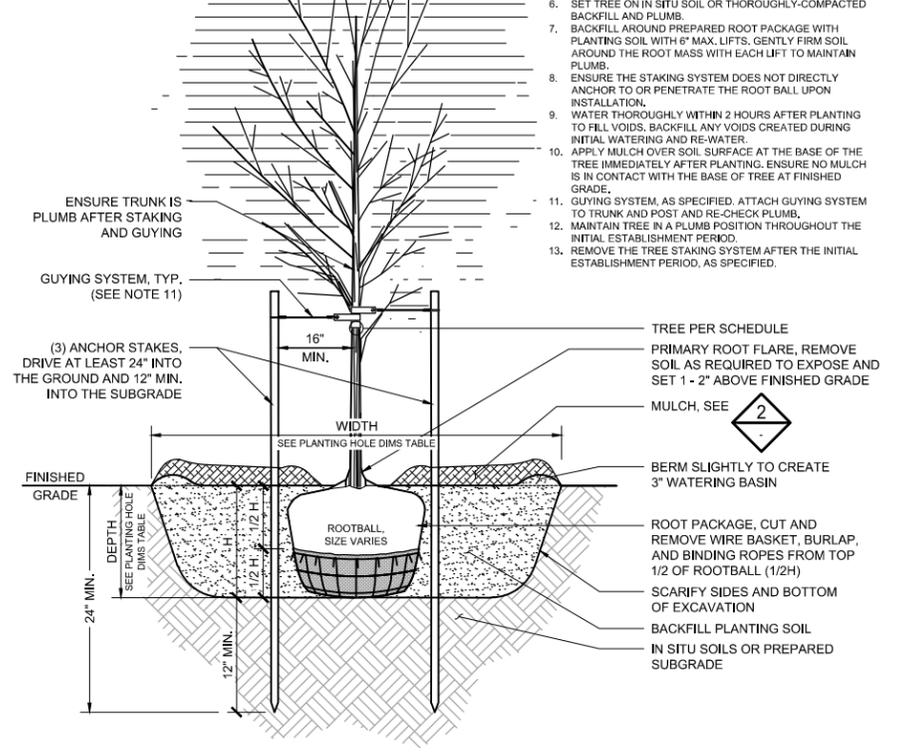
- NOTES:**
1. EXCAVATE SOIL AS REQUIRED, REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PREPARE PLANTING SOIL PER PLAN AND AS SPECIFIED.
 2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
 3. PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
 4. REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED AND PERFORM ANY CORRECTIVE PRUNING OF TOP AND ROOTS AS SPECIFIED TO PREPARE THE SHRUB FOR PLANTING.
 5. SET SHRUB ON IN SITU SOIL OR THOROUGHLY-COMPACTED BACKFILL AND PLUMB.
 6. BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL WITH 6\"/>



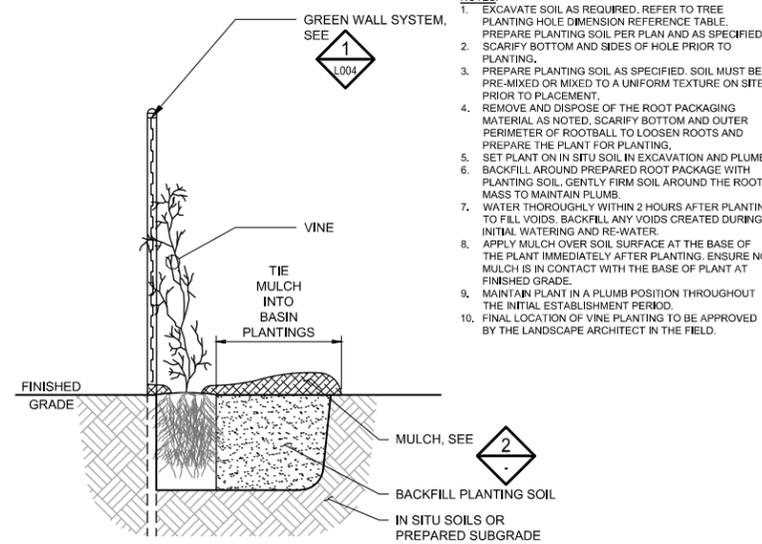
7 DETAIL: SHRUB PLANTING
NOT TO SCALE



STAKING PLAN VIEW



8 DETAIL: DECIDUOUS TREE PLANTING, B&B
NOT TO SCALE



9 DETAIL: VINE PLANTING
NOT TO SCALE

- NOTES:**
1. EXCAVATE SOIL AS REQUIRED, REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PLANTING HOLE DEPTH SHOULD NOT EXCEED MEASUREMENT FROM ROOT FLARE TO BOTTOM OF ROOT PACKAGE.
 2. SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
 3. PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
 4. REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED AND PERFORM ANY CORRECTIVE PRUNING OF TOP AND ROOTS AS SPECIFIED TO PREPARE THE TREE FOR PLANTING.
 5. DO NOT CUT OR DAMAGE THE CENTRAL LEADER.
 6. SET TREE ON IN SITU SOIL OR THOROUGHLY-COMPACTED BACKFILL AND PLUMB.
 7. BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL WITH 6\"/>

- NOTES:**
1. EXCAVATE SOIL AS REQUIRED, REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PREPARE PLANTING SOIL PER PLAN AND AS SPECIFIED.
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 4. REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED. SCARIFY BOTTOM AND OUTER PERIMETER OF ROOTBALL TO LOOSEN ROOTS AND PREPARE THE PLANT FOR PLANTING.
 5. SET PLANT ON IN SITU SOIL IN EXCAVATION AND PLUMB.
 6. BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL. GENTLY FIRM SOIL AROUND THE ROOT MASS TO MAINTAIN PLUMB.
 7. WATER THOROUGHLY WITHIN 2 HOURS AFTER PLANTING TO FILL VOIDS. BACKFILL ANY VOIDS CREATED DURING INITIAL WATERING AND RE-WATER.
 8. APPLY MULCH OVER SOIL SURFACE AT THE BASE OF THE PLANT IMMEDIATELY AFTER PLANTING. ENSURE NO MULCH IS IN CONTACT WITH THE BASE OF PLANT AT FINISHED GRADE.
 9. MAINTAIN PLANT IN A PLUMB POSITION THROUGHOUT THE INITIAL ESTABLISHMENT PERIOD.
 10. FINAL LOCATION OF VINE PLANTING TO BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD.

90% DRAFT
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/28/2026 11:51 AM
CADD USER: ELLIB_ZALKOVSKI FILE: M:\DESIGN\236211725\236211725_0003.DWG

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RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
LANDSCAPE DETAILS
1 OF 2

BARR PROJECT #	2362117225
DWG #	L003
REV #	A

UPLAND SEED MIX			
Common Name	Scientific Name	PLS Rate (lb/ac)	% of Mix (by weight)
Sideoats Grama	<i>Bouteloua curtipendula</i>	3.50	27.7%
Blue Grama	<i>Bouteloua gracilis</i>	0.50	4.0%
Canada Wild Rye	<i>Elymus canadensis</i>	1.50	11.9%
Purple Love Grass	<i>Eragrostis spectabilis</i>	0.03	0.2%
Little Bluestem	<i>Schizachyrium scoparium</i>	2.50	19.8%
Prairie Dropseed	<i>Sporobolus heterolepis</i>	2.75	21.7%
Grasses Subtotal		10.78	85%
Fox Sedge	<i>Carex vulpinoidea</i>	0.02	0.2%
Porcupine Sedge	<i>Carex hystericina</i>	0.06	0.5%
Long-beaked Sedge	<i>Carex sprengei</i>	0.06	0.5%
Sedges & Rushes Subtotal		0.14	1%
Nodding Onion	<i>Allium cernuum</i>	0.06	0.5%
Butterfly weed	<i>Asclepias tuberosa</i>	0.24	1.9%
Whorled milkweed	<i>Asclepias verticillata</i>	0.02	0.2%
White Wild Indigo	<i>Baptisia alba</i>	0.30	2.4%
Partridge Pea	<i>Chamaecrista fasciculata</i>	0.10	0.8%
Prairie Coreopsis	<i>Coreopsis palmata</i>	0.05	0.4%
White Prairie Clover	<i>Dalea candida</i>	0.10	0.8%
Narrow-Leaved Coneflower	<i>Echinacea angustifolia</i>	0.08	0.6%
Alum Root	<i>Hesychera richardsonii</i>	0.01	0.1%
Round-headed Bush Clover	<i>Lespedeza capitata</i>	0.03	0.2%
Meadow Blazing Star	<i>Liatris ligulistylis</i>	0.08	0.6%
Dotted Blazing Star	<i>Liatris punctata</i>	0.08	0.6%
Wild Lupine	<i>Lupinus perennis</i>	0.30	2.4%
Wild Bergamot	<i>Monarda fistulosa</i>	0.01	0.1%
Spotted Bee Balm	<i>Monarda punctata</i>	0.01	0.1%
Large-Flowered Beardtongue	<i>Penstemon grandiflorus</i>	0.08	0.6%
Black-eyed Susan	<i>Rudbeckia hirta</i>	0.03	0.2%
Missouri Goldenrod	<i>Solidago missouriensis</i>	0.01	0.1%
Gray Goldenrod	<i>Solidago nemoralis</i>	0.01	0.1%
Hoary Vervain	<i>Verbena stricta</i>	0.05	0.4%
Golden Alexanders	<i>Zizia aurea</i>	0.08	0.6%
Forbs Subtotal		1.73	14%
Total		12.65	100%

TURF SEED MIX			
Common Name	Scientific Name	PLS Rate (lb/ac)	% of Mix (by weight)
Low Maintenance Kentucky Bluegrass	<i>Poa pratensis 'Low Maintenance'</i>	36.00	16.4%
Sheep Fescue	<i>Festuca ovina</i>	25.00	11.4%
Red Fescue	<i>Festuca rubra</i>	64.00	29.1%
Chewing's Fescue	<i>Festuca rubra ssp. Commutata</i>	44.00	20.0%
Hard Fescue	<i>Festuca trachyphylla</i>	30.00	13.6%
Perennial Ryegrass	<i>Lolium perenne</i>	21.00	9.5%
Total		220.00	100%



1 DETAIL: TRELLIS SYSTEM
NOT TO SCALE

90% DRAFT
NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/28/2026 11:55 AM
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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINTED NAME _____
SIGNATURE _____
DATE ____ LICENSE # ____

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A	EMB	AMP3	MDB3	01/29/2026	90% DESIGN NOT FOR CONSTRUCTION	
#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION	

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PH: 1-800-632-2277 WWW.BARR.COM MINNESOTA ENGINEERING FIRM NUMBER 1010411545

RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - GUSTAVUS ADOLPHUS
ST. PAUL, MINNESOTA
LANDSCAPE DETAILS
2 OF 2

BARR PROJECT #	2362117225
DWG #	L004
REV #	A

Request for Board Action

Board Meeting Date: March 4, 2026

Agenda Item No: 8C

Preparer: Tina Carstens, Administrator

Item Description: Thirty Twenty Estates Targeted Retrofit Project Approval to Solicit Quotes

Background:

See the attached memo for more information on the Thirty Twenty Estates Targeted Retrofit project.

The engineer's opinion of the probable construction cost for the project is \$139,400, and therefore, it will not be a full public bid process, but instead a solicitation of quotes. This project was planned through our Targeted Retrofit program and will be funded with those funds.

Quotes will be solicited in March through communication with selected bidders, with the goal of securing at least 3 bids for the project. The select contractors may have done similar work and/or have previously constructed projects for the district. This process is being done because they are below the formal public bidding requirement of \$175,000. The selection of contractors will come back to the board at the April meeting.

Applicable District Goal and Action Item:

Goal: Achieve quality surface water – The District will maintain or improve surface water quality to support healthy ecosystems and provide the public with a wide range of water-based benefits.

Action Item: Implement retrofit water quality improvement projects.

Staff Recommendation:

Staff recommends approval of the preliminary design, estimated costs, and proposed project schedule, and directs staff to finalize the design and bidding documents and solicit quotes.

Financial Implications:

This project will be funded through our Targeted Retrofit Fund.

Board Action Requested:

Approve the preliminary design, estimated costs, and proposed project schedule, and direct staff to finalize the design and bidding documents and solicit quotes.

Memorandum

To: RWMWD Board of Managers
From: Marcy Bean, Elli Zajkowski
Subject: 2026 Targeted Retrofit Projects- Thirty Twenty Estates - Request for Bidding Authorization
Date: February 24, 2026
c: Paige Ahlborg and Tina Carstens

Summary

The purpose of RWMWD's Targeted Retrofit program is to design, provide bid assistance for, and oversee the construction of BMP retrofits on previously identified commercial, school, faith-based and other properties throughout the District. The location of the 2026 Targeted Retrofit Project – Thirty Twenty Estates - proposed for construction is shown in Figures 1 and 2 below.

Building on the Manufactured Home Development Evaluation completed in 2025, this project focuses on implementing a native planting demonstration at one of the manufactured housing sites previously identified as suitable for habitat enhancement and community education. The selected site provides an opportunity to enhance pollinator habitat, increase soil infiltration, and engage residents and the watershed district in sustainable landscaping practices.

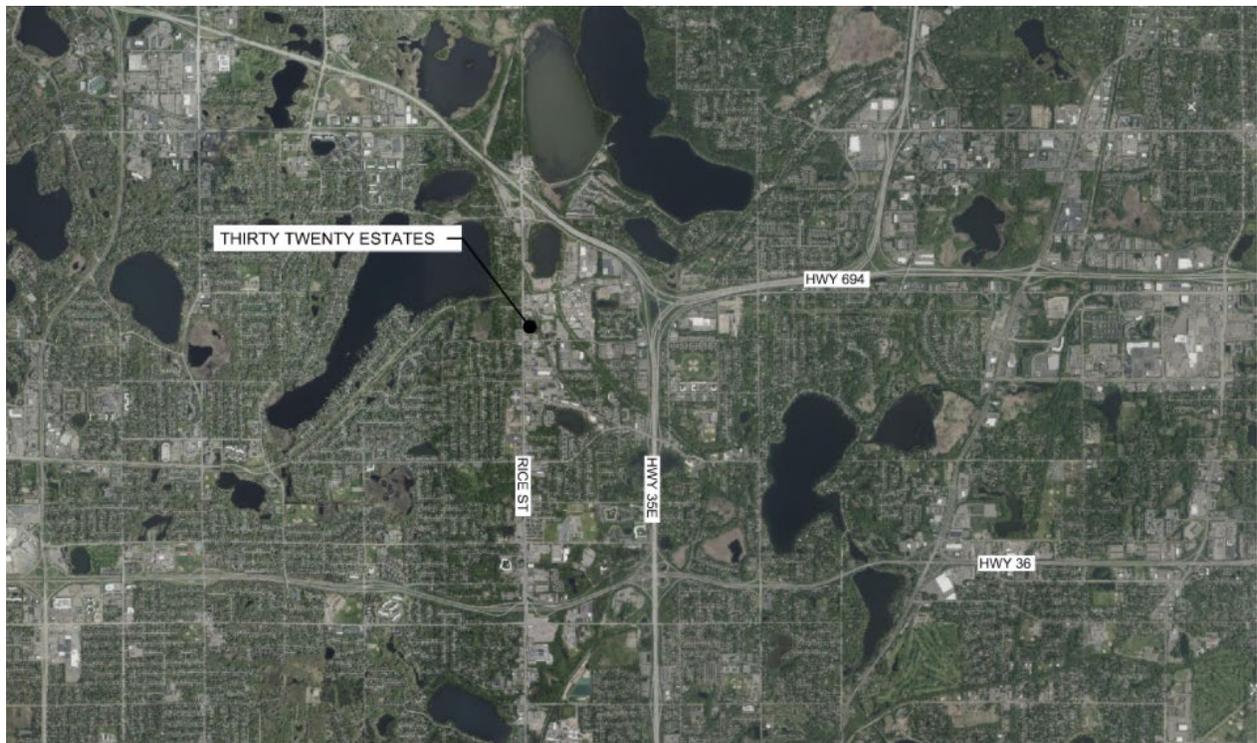


Figure 1: Project location



Figure 2: Site layout

Thirty Twenty Estates is a manufactured home community located along Rice Street in Little Canada, MN. The project area includes both the Thirty Twenty Estates property (north side of the site) and the adjacent Women's Life Care property to the south. The proposed improvements are focused along the shared property boundary and within the Rice Street right-of-way.

The project includes installation of a native planting demonstration consisting of two primary components: a Miyawaki-style mini-forest (approximately 2,100 square feet) located along the property boundary between Thirty Twenty Estates and Women's Life Care, and native boulevard plantings and prairie restoration within the Rice Street right-of-way serving Thirty Twenty Estates. The boulevard improvements include approximately 0.12 acres of native seeding.

The mini forest will utilize a high density, multi layered planting approach to establish a diverse and self-sustaining woodland community. The boulevard seeding will incorporate salt tolerant and low growing native species to improve aesthetics, reduce maintenance needs, and enhance ecological function along the corridor.

The Miyawaki method of reforestation was featured in RWMWD’s new technology series in the October, 2022 Board packet.

Engineer’s Opinion of Cost and Water Quality Treatment Estimate

A 90% design-level engineer’s opinion of probable cost was developed for the recommended concept. It’s anticipated that construction cost of the habitat retrofit will range between \$122,400 - \$156,400 (estimated accuracy range of -10% to +15%). The opinion of probable cost is intended to provide assistance in evaluating and comparing the project and should not be assumed as an absolute value. The Association for the Advancement of Cost Engineering (AACE) Class 1 opinion of cost was used based on the level of project definition.

RWMWD Prioritization Tool

The 2026 retrofit project has been evaluated using RWMWD’s water quality project prioritization tool. Thirty Twenty Estates scores strongly in ecosystem, community, and organizational benefit categories, reflecting its role as a demonstration project focused on habitat enhancement and community engagement. Table 2 summarizes the project’s scores per each goal in RWMWD’s Watershed Management Plan.

Table 2: Summary of RWMWD Prioritization Tool Scores for the 2026 Retrofit Project

Plan Goal Categories	Scores per Plan Goal Category
	Thirty Twenty Estates
1. Water Quality	1.0
2. Ecosystem	5.0
3. Flooding	0.0
4. Groundwater	2.0
5. Community	6.0
6. Manage Organization	5.5

A description of the credits that each project received in the tool under each of RWMWD’s Plan Goal categories is included below.

Thirty Twenty Estates Prioritization Tool Credits:

RWMWD Goal 1. Achieve quality surface water

- Limited direct water quality treatment relative to traditional structural BMPs

RWMWD Goal 2. Achieve healthy ecosystems

- Enhances habitat and species diversity through native plantings
- Establishes multi-layered vegetation structure via mini forest approach
- Provides pollinator habitat and ecological connectivity

RWMWD Goal 4. Support sustainable groundwater

- Promotes infiltration through conversion of turf and compacted soils to native vegetation

RWMWD Goal 5. Inform and empower communities

- Demonstration project within a residential community
- Provides education opportunities for residents and stakeholders
- Improves site aesthetics and perceived community value
- Encourages adoption of sustainable landscaping practices

RWMWD Goal 6. Manage organization effectively

- Pilot project to evaluate mini forest implementation within the District
- Scalable approach for future retrofit and demonstration projects
- Coordinate with property owners for long term maintenance

Specifications Outline

In addition to the drawings attached, bid documents are being completed that include the following specifications:

Front-End Specifications:

Advertisement for Bid

Instruction to Bidders

Form of Agreement

General Conditions

Supplementary Conditions

General Requirements:

Summary of Work

Measurement and Payment

Payment Procedures

Safety

Closeout Procedures

Technical Specifications:

31 11 00 Site Clearing, Preparation, and Demolition

32 01 90 Operation and Maintenance of Planting

32 90 00 Planting

32 93 23 Herbaceous Plants

32 93 40 Shrubs and Trees

Special Bidding Considerations

Based on anticipated cost of the project and the specialized plantings, this project will be issued to select contractors for quotes rather than a full public bidding process.

Due to the specialized nature of the planting design, bidders will be required to demonstrate experience with similar native planting or ecological restoration projects. Contractors must also demonstrate qualifications related to plant establishment and maintenance.

Schedule

Pending Board approval to put these projects out to bid after the March Board meeting, we anticipate bringing bids back in April. Construction at the site is dependent on the final construction schedule at Women's Life Care but may start as early as June 2026.

Attachments

90% Draft Plan set for RWMWD's 2026 Targeted Retrofit Project at Thirty Twenty Estates.

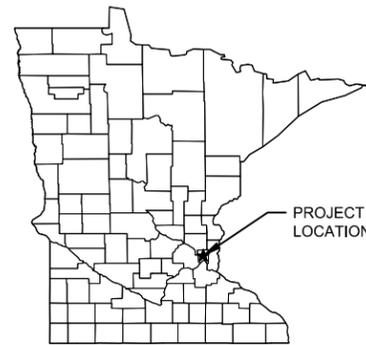


Canopy	 Bur Oak	 Northern Red Oak	 Hackberry	 Sugar Maple			
Understory	 Ironwood	 Serviceberry	 Black Cherry				
Shrubs	 American Hazelnut	 Gray Dogwood	 Chokeberry	 Nannyberry			
Ground	 Pennsylvania Sedge	 Zigzag Goldenrod	 Wild Ginger	 White Wood Aster	 New England Aster	 Canada Anemone	 False Solomon's Seal

2026 TARGETED RETROFIT - THIRTY TWENTY ESTATES

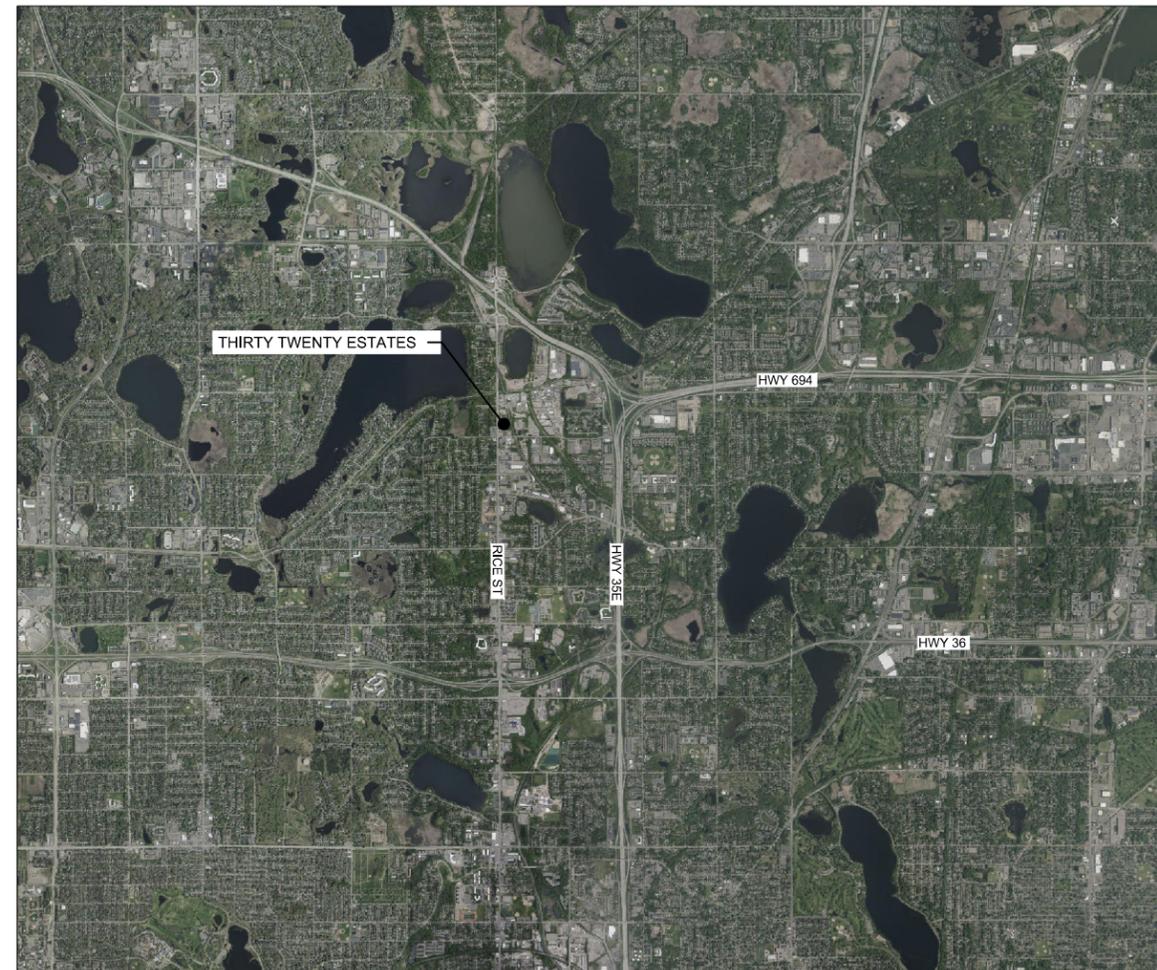
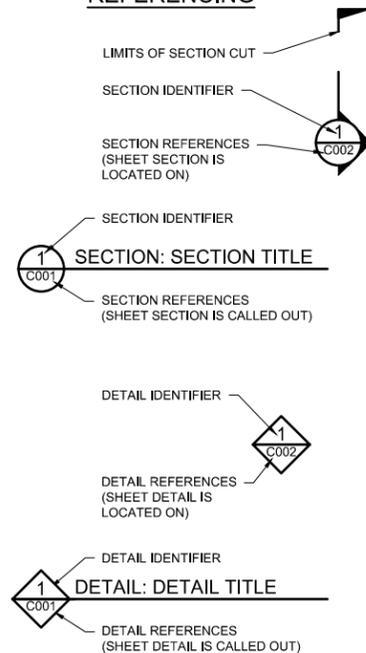
RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

LITTLE CANADA, MN



LOCATION MAP
 NOT TO SCALE

REFERENCING



VICINITY MAP
 NOT TO SCALE

SHEET INDEX	
SHEET	TITLE
G001	COVER SHEET, INDEX AND VICINITY MAP
V001	EXISTING CONDITIONS, EROSION CONTROL, TRAFFIC CONTROL, AND REMOVALS PLAN
L001	LANDSCAPE PLAN
L002	LANDSCAPE DETAILS
L003	LANDSCAPE SPECIFICATIONS

ABBREVIATIONS AND SYMBOLS

APPROX	APPROXIMATE
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
CONC	CONCRETE
DIP	DUCTILE IRON PIPE
EL	ELEVATION
F.F.E.	FINISHED FLOOR ELEVATION
HARN	HIGH ACCURACY REFERENCE NETWORK
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
MAX	MAXIMUM
MIN	MINIMUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NO.	NUMBER
OC	ON CENTER
PVC	POLYVINYL CHLORIDE
ROW	RIGHT-OF-WAY
TBD	TO BE DETERMINED
TYP	TYPICAL
@	AT
Ø	DIAMETER

NOTES:

1. COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES, PERMITS, AND REGULATIONS.
2. VERIFY ALL QUANTITIES, GRADES, AND DIMENSIONS.
3. FIELD-LOCATE ALL SITE UTILITIES (PRIVATE AND PUBLIC) PRIOR TO STARTING THE WORK. ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF UTILITY OWNER AT CONTRACTOR'S COST.



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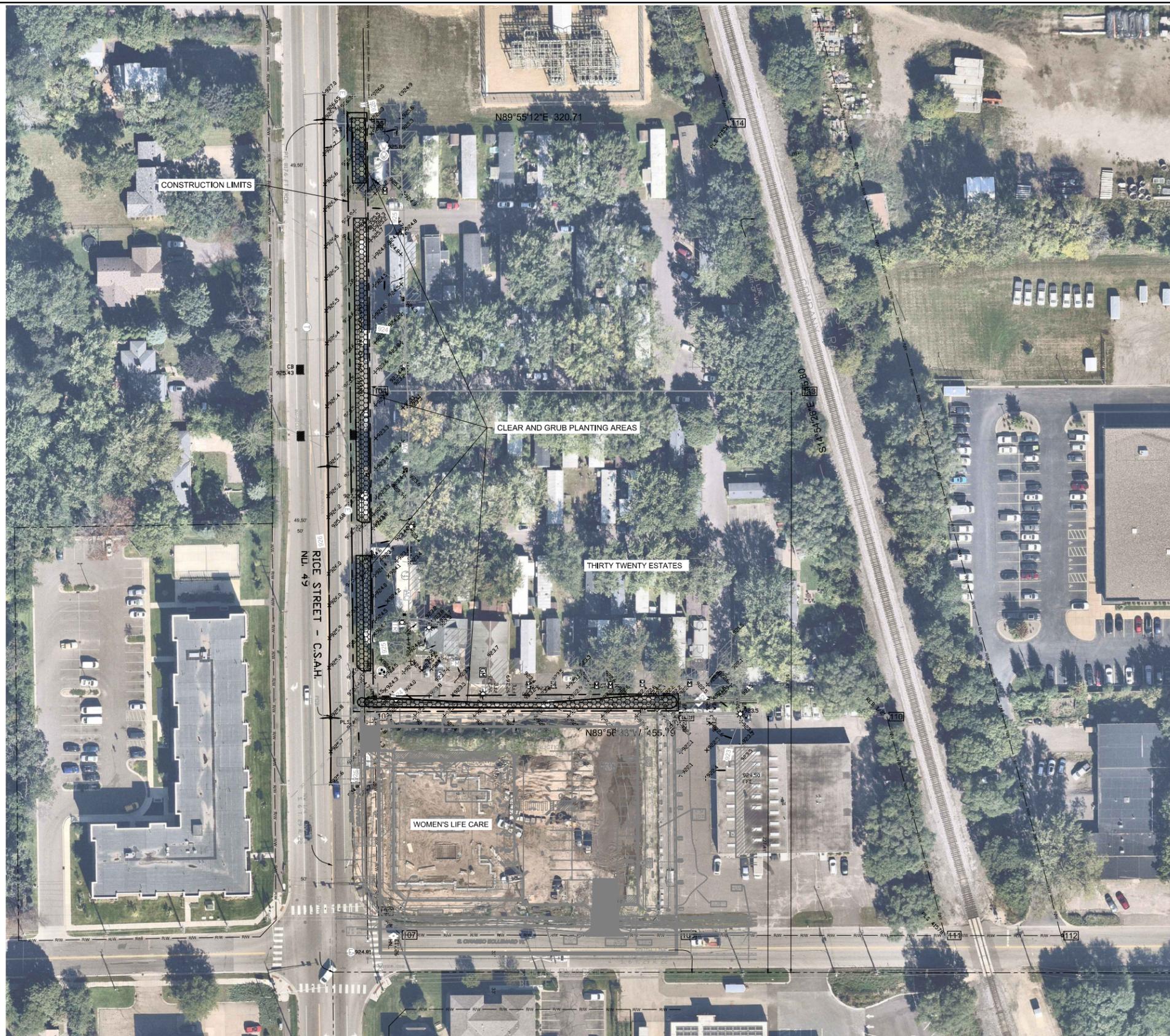
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 SUITE 200
 MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - THIRTY TWENTY ESTATES LITTLE CANADA, MN	BARR PROJECT # 2362117226
COVER SHEET, SHEET INDEX, & VICINITY MAP	DWG # G001
	REV # A



LEGEND:

- 880 EXISTING MAJOR CONTOUR
- 879 EXISTING MINOR CONTOUR
- EXISTING STORM PIPE, TO REMAIN
- EXISTING SANITARY SEWER, TO REMAIN
- EXISTING WATERMAIN, TO REMAIN
- EXISTING UNDERGROUND ELECTRIC, TO REMAIN
- EXISTING UNDERGROUND TELEPHONE, TO REMAIN
- EXISTING GAS UTILITY, TO REMAIN
- OVERHEAD UTILITY, TO REMAIN
- EASEMENT OR PARCEL LINE
- EXISTING FENCING, TO REMAIN
- CURB & GUTTER, TO REMAIN
- OVERHEAD UTILITY POLE, TO REMAIN
- STORMWATER STRUCTURE, TO REMAIN
- STORMWATER STRUCTURE, TO REMAIN
- CATCHBASIN, TO REMAIN
- SANITARY MANHOLE, TO REMAIN
- LIGHT POLE, TO REMAIN
- EXISTING TREE TO REMAIN
- CONSTRUCTION LIMITS
- PROPOSED CLEAR AND GRUB

- NOTES:**
1. THE CONTRACTOR SHALL HAVE ACCESS TO STREET SWEEPING EQUIPMENT AT ALL TIMES. THE CONTRACTOR SHOULD BE AWARE OF WEATHER CONDITIONS AND SWEEP ANY STREETS WITH DEBRIS PRIOR TO ANY RAINFALL EVENT. STOCKPILING ON THE PARKING LOT AND/OR DRIVE LANES DURING ANY RAINFALL EVENT SHALL NOT BE ALLOWED.
 2. COORDINATE WITH OWNERS TO ENSURE ACCEPTABLE TRAFFIC CONTROL REQUIREMENTS.
 3. ALL INLET FEATURES AND SPLASH BLOCK FEATURES WITHIN CONSTRUCTION LIMITS SHALL HAVE SILT LOG INLET PROTECTION.

1 PLAN: EXISTING CONDITIONS, EROSION CONTROL, TRAFFIC CONTROL, AND REMOVALS

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SCALE IN FEET

90% DESIGN
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ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 1/27/2026 9:23 AM
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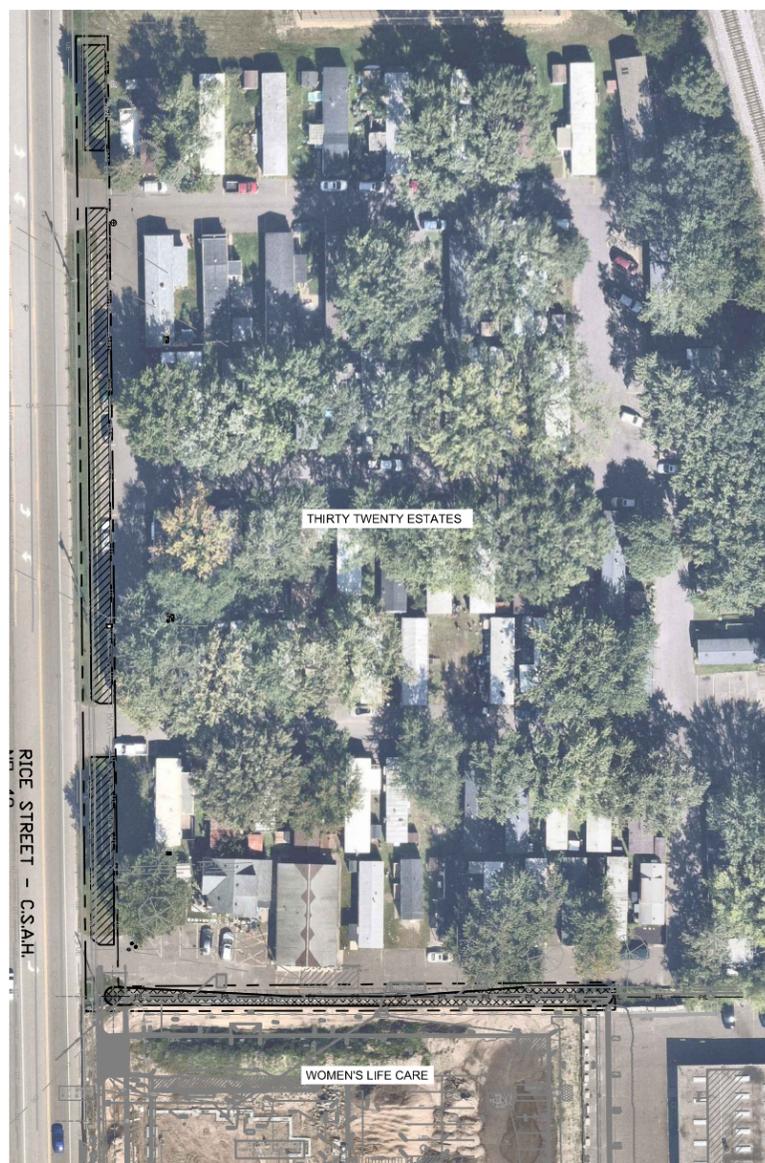
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RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - THIRTY TWENTY ESTATES LITTLE CANADA, MN		BARR PROJECT # 2362117226
EXISTING CONDITIONS, EROSION CONTROL, TRAFFIC CONTROL, AND REMOVALS PLAN		DWG # V001
		REV # A



1 PLAN: OVERALL LANDSCAPE PLAN
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 SCALE IN FEET



2 PLAN: WEST LANDSCAPE PLAN
 0 40 80
 SCALE IN FEET



3 PLAN: SOUTH LANDSCAPE PLAN
 0 10 20
 SCALE IN FEET

MIYAWAKI MINI FOREST					
Scientific Name	Common Name	Layer	Spacing	Size	Quantity
<i>Quercus macrocarpa</i>	Bur Oak	Canopy	7' O.C.	#10 Cont.	11
<i>Quercus rubra</i>	Northern Red Oak	Canopy	7' O.C.	#10 Cont.	11
<i>Celtis occidentalis</i>	Hackberry	Canopy	7' O.C.	#10 Cont.	11
<i>Acer saccharum</i>	Sugar Maple	Canopy	7' O.C.	#10 Cont.	9
<i>Ostrya virginiana</i>	Ironwood	Understory	5' O.C.	#10 Cont.	33
<i>Amelanchier arborea</i>	Serviceberry	Understory	5' O.C.	#10 Cont.	28
<i>Prunus serotina</i>	Black Cherry	Understory	5' O.C.	#10 Cont.	23
<i>Corylus americana</i>	American Hazelnut	Shrub	4' O.C.	#2 Cont.	41
<i>Cornus racemosa</i>	Gray Dogwood	Shrub	4' O.C.	#2 Cont.	33
<i>Prunus virginiana</i>	Chokecherry	Shrub	4' O.C.	#2 Cont.	25
<i>Viburnum lentago</i>	Nannyberry	Shrub	4' O.C.	#2 Cont.	33
<i>Carex pensylvanica</i>	Pennsylvania Sedge	Ground	2' O.C.	#1 Cont.	105
<i>Solidago flexicaulis</i>	Zigzag Goldenrod	Ground	2' O.C.	#1 Cont.	52
<i>Asarum canadense</i>	Wild Ginger	Ground	2' O.C.	#1 Cont.	52
<i>Eurybia divaricata</i>	White Wood Aster	Ground	2' O.C.	#1 Cont.	105
<i>Symphytotrichum novae-angliae</i>	New England Aster	Ground	2' O.C.	#1 Cont.	105
<i>Anemone canadensis</i>	Canada Anemone	Ground	2' O.C.	#1 Cont.	105
<i>Maianthemum racemosum</i>	False Solomon's Seal	Ground	2' O.C.	#1 Cont.	52
TOTAL					781

UPLAND SEED MIX			
Common Name	Scientific Name	PLS Rate (lb/ac)	% of Mix (by weight)
Sideoats Grama	<i>Bouteloua curtipendula</i>	3.50	27.7%
Blue Grama	<i>Bouteloua gracilis</i>	0.50	4.0%
Canada Wild Rye	<i>Elymus canadensis</i>	1.50	11.9%
Purple Love Grass	<i>Eragrostis spectabilis</i>	0.03	0.2%
Little Bluestem	<i>Schizachyrium scoparium</i>	2.50	19.8%
Prairie Dropseed	<i>Sporobolus heterolepis</i>	2.75	21.7%
Grasses Subtotal		10.78	85%
Fox Sedge	<i>Carex vulpinoidea</i>	0.02	0.2%
Porcupine Sedge	<i>Carex hystericina</i>	0.06	0.5%
Long-beaked Sedge	<i>Carex sprengei</i>	0.06	0.5%
Sedges & Rushes Subtotal		0.14	1%
Nodding Onion	<i>Allium cernuum</i>	0.06	0.5%
Butterfly weed	<i>Asclepias tuberosa</i>	0.24	1.9%
Whorled milkweed	<i>Asclepias verticillata</i>	0.02	0.2%
White Wild Indigo	<i>Baptisia alba</i>	0.30	2.4%
Partridge Pea	<i>Chamaecrista fasciculata</i>	0.10	0.8%
Prairie Coreopsis	<i>Coreopsis palmata</i>	0.05	0.4%
White Prairie Clover	<i>Dalea candida</i>	0.10	0.8%
Narrow-Leaved Coneflower	<i>Echinacea angustifolia</i>	0.08	0.6%
Alum Root	<i>Heuchera richardsonii</i>	0.01	0.1%
Round-headed Bush Clover	<i>Lespedeza capitata</i>	0.03	0.2%
Meadow Blazing Star	<i>Liatris ligulistylis</i>	0.08	0.6%
Dotted Blazing Star	<i>Liatris punctata</i>	0.08	0.6%
Wild Lupine	<i>Lupinus perennis</i>	0.30	2.4%
Wild Bergamot	<i>Monarda fistulosa</i>	0.01	0.1%
Spotted Bee Balm	<i>Monarda punctata</i>	0.01	0.1%
Large-Flowered Beardtongue	<i>Penstemon grandiflorus</i>	0.08	0.6%
Black-eyed Susan	<i>Rudbeckia hirta</i>	0.03	0.2%
Missouri Goldenrod	<i>Solidago missouriensis</i>	0.01	0.1%
Gray Goldenrod	<i>Solidago nemoralis</i>	0.01	0.1%
Hoary Vervain	<i>Verbena stricta</i>	0.05	0.4%
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Forbs Subtotal		1.73	14%
Total		12.65	100%

LEGEND:

- 880 --- EXISTING MAJOR CONTOUR
- 879 --- EXISTING MINOR CONTOUR
- EXISTING STORM PIPE, TO REMAIN
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- EXISTING UNDERGROUND ELECTRIC, TO REMAIN
- EXISTING UNDERGROUND TELEPHONE, TO REMAIN
- EXISTING GAS UTILITY, TO REMAIN
- OVERHEAD UTILITY, TO REMAIN
- PL --- PROPERTY LINE
- EXISTING FENCING, TO REMAIN
- CURB & GUTTER, TO REMAIN
- OVERHEAD UTILITY POLE, TO REMAIN
- STORMWATER STRUCTURE, TO REMAIN
- STORMWATER STRUCTURE, TO REMAIN
- CATCHBASIN, TO REMAIN
- SANITARY MANHOLE, TO REMAIN
- LIGHT POLE, TO REMAIN
- EXISTING TREE TO REMAIN
- CONSTRUCTION LIMITS
- ▨ PROPOSED MIYAWAKI MINI FOREST
- ▨ PROPOSED NATIVE SEEDING

- NOTES:**
- THIS CONCEPT PLANTING IS BASED ON THE MIYAWAKI METHOD, A HIGH-DENSITY, MULTI-LAYERED APPROACH INTENDED TO ESTABLISH A DIVERSE, SELF-SUSTAINING WOODLAND COMMUNITY IN A SHORT PERIOD OF TIME. THE METHOD MIMICS NATURAL FOREST STRUCTURE BY PLANTING SPECIES IN FOUR VERTICAL LAYERS, EACH WITH SPACING THAT REFLECTS ITS ECOLOGICAL ROLE.
 - CANOPY TREES AT 7 FEET ON CENTER TO ENCOURAGE RAPID UPWARD GROWTH AND EARLY CANOPY CLOSURE
 - UNDERSTORY TREES AT 5 FEET ON CENTER TO CREATE MID-LEVEL STRUCTURE AND SHADE TOLERANCE
 - SHRUBS AT 4 FEET ON CENTER TO QUICKLY OCCUPY HORIZONTAL SPACE AND SUPPRESS WEEDS
 - GROUND LAYER PLANTS AT 2 FEET ON CENTER TO PROVIDE IMMEDIATE SOIL COVERAGE, EROSION PROTECTION, AND EARLY BIODIVERSITY.
 - HIGHER-TYPICAL PLANTING DENSITIES ARE INTENTIONAL AND PROMOTE COMPETITION, FASTER ESTABLISHMENT, AND REDUCED LONG-TERM MAINTENANCE AS THE PLANTING NATURALLY SELF-THINS OVER TIME. THE OVERALL DESIGN EMPHASIZES NATIVE SPECIES DIVERSITY, LAYERED HABITAT DEVELOPMENT, AND RAPID ECOLOGICAL FUNCTION RATHER THAN INDIVIDUAL SPECIMEN APPEARANCE.
 - CONTRACTOR SHALL COORDINATE ALL PLANTING AND SITE RELATED ACTIVITIES WITH LANDSCAPE ARCHITECT AND SITE OWNERS.

90% DESIGN
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ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 12/27/2026 9:35 AM CADD USER: ELLIB_ZAKOVSKI FILE: M:\DESIGN\236211726\THIRTY TWENTY ESTATES\236211726_L001.DWG

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PRINTED NAME: _____
 SIGNATURE: _____
 DATE: _____ LICENSE #: _____

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
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-	-	-	-	-	-
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A	EMB	MDB3	MDB3	02/24/2026	90% DESIGN NOT FOR CONSTRUCTION

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 PH: 1-800-632-2277
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 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

RWMWD
 Ramsey-Washington Metro Watershed District

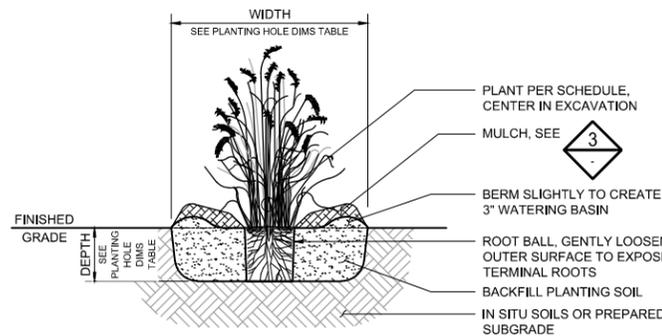
2026 TARGETED RETROFIT - THIRTY TWENTY ESTATES
 LITTLE CANADA, MN

BARR PROJECT # 2362117226
 DWG # L001
 REV # A

LANDSCAPE PLAN

NOTES:

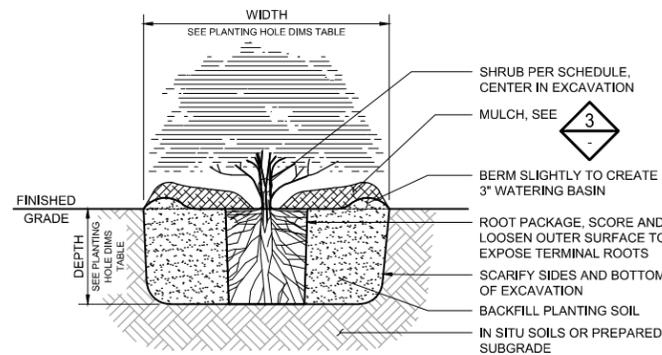
- EXCAVATE SOIL AS REQUIRED. REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PREPARE PLANTING SOIL PER PLAN AND AS SPECIFIED.
- SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
- PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
- REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED AND PERFORM ANY CORRECTIVE PRUNING OF TOP AND ROOTS AS SPECIFIED TO PREPARE THE PLANT FOR PLANTING.
- SET PLANT ON IN SITU SOIL OR THOROUGHLY-COMPACTED BACKFILL AND PLUMB.
- BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL WITH 6" MAX. LIFTS. GENTLY FIRM SOIL AROUND THE ROOT MASS WITH EACH LIFT TO MAINTAIN PLUMB.
- WATER THOROUGHLY WITHIN 2 HOURS AFTER PLANTING TO FILL VOIDS. BACKFILL ANY VOIDS CREATED DURING INITIAL WATERING AND RE-WATER.
- APPLY MULCH OVER SOIL SURFACE AT THE BASE OF THE PLANT IMMEDIATELY AFTER PLANTING. ENSURE NO MULCH IS IN CONTACT WITH THE BASE OF PLANT AT FINISHED GRADE.
- MAINTAIN PLANT IN A PLUMB POSITION THROUGHOUT THE INITIAL ESTABLISHMENT PERIOD.



1 DETAIL: PERENNIAL PLANTING
NOT TO SCALE

NOTES:

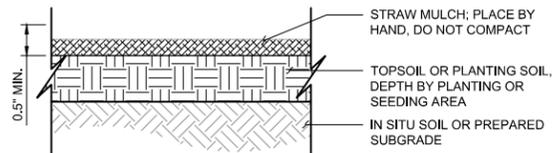
- EXCAVATE SOIL AS REQUIRED. REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PREPARE PLANTING SOIL PER PLAN AND AS SPECIFIED.
- SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
- PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
- REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED AND PERFORM ANY CORRECTIVE PRUNING OF TOP AND ROOTS AS SPECIFIED TO PREPARE THE SHRUB FOR PLANTING.
- SET SHRUB ON IN SITU SOIL OR THOROUGHLY-COMPACTED BACKFILL AND PLUMB.
- BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL WITH 6" MAX. LIFTS. GENTLY FIRM SOIL AROUND THE ROOT MASS WITH EACH LIFT TO MAINTAIN PLUMB.
- WATER THOROUGHLY WITHIN 2 HOURS AFTER PLANTING TO FILL VOIDS. BACKFILL ANY VOIDS CREATED DURING INITIAL WATERING AND RE-WATER.
- APPLY MULCH OVER SOIL SURFACE AT THE BASE OF THE SHRUB IMMEDIATELY AFTER PLANTING. ENSURE NO MULCH IS IN CONTACT WITH THE BASE OF SHRUB AT FINISHED GRADE.
- MAINTAIN SHRUB IN A PLUMB POSITION THROUGHOUT THE INITIAL ESTABLISHMENT PERIOD.



2 DETAIL: SHRUB PLANTING
NOT TO SCALE

NOTES:

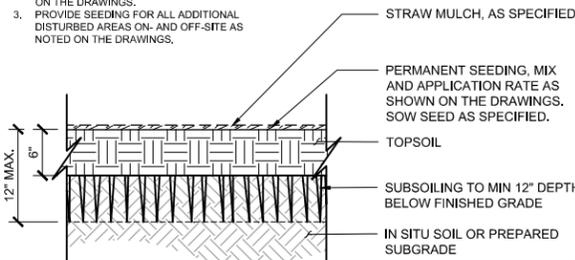
- PREPARE SUBGRADE PER PLAN AND AS SPECIFIED.
- PROVIDE MULCH AS SPECIFIED. ENSURE MULCH IS CERTIFIED TO BE WEED SEED FREE AND IS NOT CONTAMINATED WITH SOILS OR PESTS.
- MULCH CONTAMINATED WITH SOIL MUST BE REMOVED AND REPLACED.



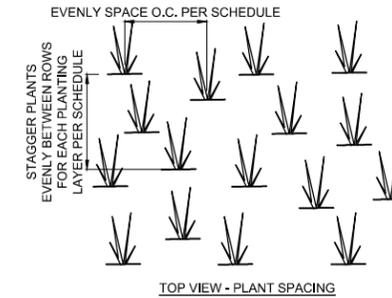
3 DETAIL: STRAW MULCH
NOT TO SCALE

NOTES:

- PREPARE SOIL PER PLAN AND AS SPECIFIED.
- PROVIDE SEEDING FOR ALL AREAS NOTED ON THE DRAWINGS.
- PROVIDE SEEDING FOR ALL ADDITIONAL DISTURBED AREAS ON- AND OFF-SITE AS NOTED ON THE DRAWINGS.



4 DETAIL: PERMANENT SEEDING
NOT TO SCALE



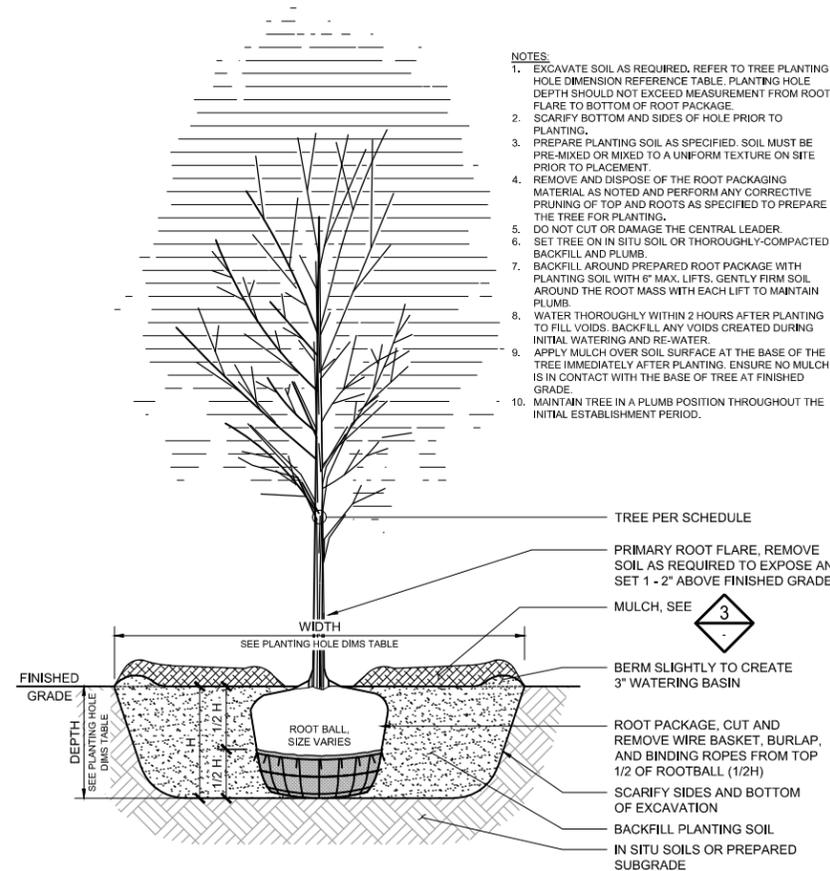
PLANT SPACING NOTES:

- PLANT MATERIAL SHALL BE INSTALLED IN A DENSE, MULTI-LAYERED CONFIGURATION CONSISTING OF CANOPY, UNDERSTORY, SHRUB, AND GROUND SPECIES IN ACCORDANCE WITH THE PLANT SCHEDULE AND ASSOCIATED DETAILS.
- SPECIES SHALL BE INTERPLANTED IN A RANDOMIZED PATTERN TO MIMIC NATURAL FOREST STRUCTURE.
- PLANT LAYERS SHALL BE SPATIALLY INTERMIXED.
- ALL SPECIES SHALL BE DISTRIBUTED THROUGHOUT THE PLANTING AREA.
- FINAL PLANTING LAYOUT AND FIELD ADJUSTMENTS SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT AND OWNERS PRIOR TO INSTALLATION.

6 DETAIL: PLANT SPACING
NOT TO SCALE

NOTES:

- EXCAVATE SOIL AS REQUIRED. REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PLANTING HOLE DEPTH SHOULD NOT EXCEED MEASUREMENT FROM ROOT FLARE TO BOTTOM OF ROOT PACKAGE.
- SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
- PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
- REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED AND PERFORM ANY CORRECTIVE PRUNING OF TOP AND ROOTS AS SPECIFIED TO PREPARE THE TREE FOR PLANTING.
- DO NOT CUT OR DAMAGE THE CENTRAL LEADER.
- SET TREE ON IN SITU SOIL OR THOROUGHLY-COMPACTED BACKFILL AND PLUMB.
- BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL WITH 6" MAX. LIFTS. GENTLY FIRM SOIL AROUND THE ROOT MASS WITH EACH LIFT TO MAINTAIN PLUMB.
- WATER THOROUGHLY WITHIN 2 HOURS AFTER PLANTING TO FILL VOIDS. BACKFILL ANY VOIDS CREATED DURING INITIAL WATERING AND RE-WATER.
- APPLY MULCH OVER SOIL SURFACE AT THE BASE OF THE TREE IMMEDIATELY AFTER PLANTING. ENSURE NO MULCH IS IN CONTACT WITH THE BASE OF TREE AT FINISHED GRADE.
- MAINTAIN TREE IN A PLUMB POSITION THROUGHOUT THE INITIAL ESTABLISHMENT PERIOD.



5 DETAIL: DECIDUOUS TREE PLANTING, B&B
NOT TO SCALE

ORIGINAL DRAWING SIZE: ANSI FULL BLEED B (17.00 X 11.00 INCHES) PLOT SCALE: 1:2 PLOT DATE: 12/27/2026 9:24 AM CADD USER: ELLIB_ZAKOVSKI FILE: M:\DESIGN\23621172\THIRTY TWENTY ESTATES\2362117226_L002.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME: _____
SIGNATURE: _____
DATE: _____ LICENSE #: _____

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
A	EMB	MDB3	MDB3	02/24/2026	90% DESIGN NOT FOR CONSTRUCTION

BARR
4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435
PH: 1-800-632-2277 WWW.BARR.COM MINNESOTA ENGINEERING FIRM NUMBER 1010411545

RWMWD
Ramsey-Washington Metro Watershed District

2026 TARGETED RETROFIT - THIRTY TWENTY ESTATES
LITTLE CANADA, MN
LANDSCAPE DETAILS

BARR PROJECT #	2362117226
DWG #	L002
REV #	A

90% DESIGN
NOT FOR CONSTRUCTION

* * * * *

Administrator's Report

* * * * *

MEMO

TO: Board of Managers and Staff
FROM: Tina Carstens, Administrator
SUBJECT: February Administrator's Report
DATE: February 25, 2026

A. Meetings Attended

Tuesday, February 3	8:30 AM	MAWA Executive Committee Meeting
Wednesday, February 4	5:00 PM	Board Workshop and Meeting
Monday, February 9	1:30 PM	Public Perceptions Survey Discussion
Tuesday, February 10	10:30 AM	Local Implementers Discussion Series Webinar
Monday, February 23	11:30 AM	Administrator's Meeting
Tuesday, February 24	10:30 AM	Local Implementers Discussion Series Webinar
Wednesday, February 25	10:00 AM	DNR Permitting Discussion Presentation
Thursday, February 26	2:00 PM	Data Management and Visualization Discussion

B. Upcoming Meetings and Dates

Equity Strategic Plan Workshop #1	March 16, 2026
Equity Strategic Plan Workshop #2	March 26, 2026
April Board Meeting (no joke)	April 1, 2026
CAC Meeting	April 21, 2026
May Board Meeting	May 6, 2026
WaterFest	May 30, 2026
June Board Meeting	June 3, 2026
CAC Meeting	June 9, 2026
July Board Meeting	July 1, 2026

C. Staff Anniversaries in March

Paige Ahlborg	March 5	19 years
Joe Tillotson	March 20	3 years*

*These anniversaries are for their full-time employment with RWMWD, but if starred, they also worked as an intern before their hiring as full-time.

D. Board Action Log and Updates

The board action log is attached. I review this list monthly and incorporate any suggestions from the previous meeting.

E. Payroll Issues Update from Shelly Melser

Many of the payroll issues have been corrected as of this month. There are still a few outstanding items. Two staff members have not received one payroll deposit from 2026 into their HSA accounts, and two staff members need corrected W-2's. We have been told that these two issues should be corrected in the next two weeks.

F. Minnesota Watersheds Updates

The Minnesota Watersheds Legislative event is scheduled for March 3rd, the day before the board meeting. This will be an opportunity to share the outcomes of that meeting.

For the monthly newsletters, go here: <https://www.mnwatersheds.com/news-letters>.

Board of Managers 2026 Action Log

March 4, 2026

Item	Anticipated Action Date	Means of Action
Shoreland Assessment	2026	Presentation and Board Discussion
Impervious Surface Reduction Planning	2026	Presentation and Board Discussion
Wetland Topics for WMP and Rule Updates	2026	Presentation and Board Discussion
Chloride Reduction Strategies for Regulatory Program	2026	Rules Technical Advisory Committee
Watershed Data Strategies	2026	Presentation and Board Discussion

* * * * *

Project and Program Status Reports

* * * * *

Memorandum

To: Board of managers and staff
From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes
Subject: Project and program status report: March 2026
Date: February 25, 2026

Note: The location, brief description, and current status of each project described below can be found on the [2026 Ramsey-Washington Metro Watershed District \(RWMWD\) engineering services story map](#).

Project feasibility studies

A. Chloride reduction strategy (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg and Ashlee Ricci)

The purpose of this project is to develop a chloride reduction strategy that will inform and guide the implementation of a multi-faceted approach combining prevention, mitigation, and behavioral change and leverage all of the district's regulatory and operational programs to reduce chloride pollution to aquatic ecosystems.

During this period, Barr prepared to discuss the development of the chloride reduction strategy at the RWMWD-hosted public works forum. Additionally, we reviewed potential GIS datasets related to parking lot surfaces within the district to inform chloride load modeling.

B. Tanners Lake, Battle Creek Lake, and Battle Creek resiliency feasibility study (Barr project manager: Jay Hawley; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to develop concept designs and operation plans for outlet modifications on Tanners Lake, Battle Creek Lake, and McKnight Basin that can remove up to 19 habitable structures from the 100-year floodplain in the areas near these water bodies and significantly reduce flood risk for vulnerable communities, such as the Landfall.

During this period, Barr assembled a project team and organized project data from previous feasibility studies. We will send data requests to the City of Woodbury and obtain utility data near potential outlet modifications.

C. RWMWD stormwater model updates (Barr project manager: Michael McKinney; RWMWD project manager: Paige Ahlborg)

This project aims to maintain and update the RWMWD hydrologic and hydraulic (stormwater) model in response to updates to best-available information, including recently completed and ongoing stormwater modeling projects.

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From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes
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During this period, Barr finished developing and conducting QA/QC of the Highway 36 study area. We also continued updating the Dayton's Bluff area modeling and translating Beltline and Battle Creek Lake tunnel survey data into updated model inputs.

Barr is currently conducting detailed modeling of the Phalen Lake and Beltline subwatersheds for the City of Saint Paul, with the goal of completing XPSWMM modeling by April 2026. We are also generating storm sewer utility files for the Beltline and Battle Creek Lake tunnels. We anticipate that model updates will extend into late spring or summer 2026 to accommodate the incorporation of tunnel survey information and updated models from the City of Saint Paul.

D. Studies stemming from creek walks (Barr project manager: Jessica Olson; RWMWD project manager: Eric Korte)

The purpose of this project is to review information collected from creek walks and identify and prioritize locations for future creek improvement and stabilization projects.

In January, Barr and the RWMWD reviewed the collected data. We created GIS maps to organize data and began developing a framework for prioritizing restoration and stabilization projects. Barr and the RWMWD met via Teams in February to review site prioritization metrics and data visualization options.

E. Battle Creek subwatershed feasibility study (Barr project manager: Jay Hawley; RWMWD project managers: Paige Ahlborg and Eric Korte)

The purpose of this project is to compile and analyze the 2025 sample data and identify BMPs that could reduce pollutant loading to Battle Creek.

During this period, Barr worked with the RWMWD to compile and begin analyzing the 2025 sample data. We will continue data analysis and pair the samples with creek flow rates to better understand which flow rates in the creek have the most impact on the water quality.

F. Street sweeping (Barr project manager: Michael McKinney; RWMWD project manager: Paige Ahlborg)

This study aims to support the 2026 enhanced street-sweeping grant program.

During this period, Barr coordinated with the RWMWD to review grantees' end-of-year summary reports. We are currently developing a memorandum summarizing the district's 2025 enhanced street-sweeping efforts. In 2026, we will continue helping the RWMWD implement its enhanced street-sweeping grant program, including municipal coordination, priority identification, and technical analysis as questions arise.

Monitoring water quality/project monitoring

G. Water quality monitoring (miscellaneous QA/QC) (Barr project manager: Tyler Olsen; RWMWD project manager: Eric Korte)

This project aims to support ongoing RWMWD water quality monitoring of lakes and creeks.

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During this period, Barr met with the RWMWD to discuss planned monitoring activities for 2026.

H. Annual water quality report assistance (Barr project manager: Tyler Olsen; RWMWD project manager: Eric Korte)

This project aims to annually report the status of water quality of RWMWD lakes and streams, including emerging pollutants of concern such as chloride and per- and polyfluoroalkyl substances (PFAS)/perfluorooctane sulfonic acid (PFOS). Monitoring data collected for district treatment systems (BMPs) is also reported to continuously update our understanding of what approaches are or are not working.

During this period, Barr finalized the analysis and draft text for the 2025 water quality report. The report is currently under internal review, will be formatted over the next month, and is expected to be included in a future board meeting packet.

I. Special-project BMP monitoring (Barr project manager: Erin Anderson Wenz; RWMWD project manager: Eric Korte)

This project aims to collect data from and monitor the performance of BMPs throughout the district.

Recently, Barr calculated and reviewed the results of the three performance tests on the Willow Pond CMAC project from the past year. This information will be included in the RWMWD annual water quality report.

Watershed management plan update

J. Water management plan update, phase 3: Draft plan development (Barr project manager: Greg Williams; RWMWD project manager: Tina Carstens)

This project involves developing and revising content for the watershed management plan in coordination with RWMWD staff members and the board of managers, prior to the formal plan review process.

During this period, Barr revised the draft plan's table of contents to reflect the board's comments, updated issues statements summarizing key issues, and provided feedback on RWMWD updates to the vision and core principles. We co-facilitated a workshop with the board of managers to solicit feedback on the revisions, and we met with the RWMWD to identify next steps. Next, Barr and the RWMWD will develop draft goal statements and present them to the board for feedback.

Lake studies and TMDL reports

K. 2026 grant applications (Barr project manager: Erin Anderson Wenz; RWMWD project manager: Tina Carstens)

This effort aims to help the RWMWD locate and secure funding opportunities that align with its goals and objectives.

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Barr and the RWMWD completed two applications for the MPCA fiscal year 2026 planning grant applications for stormwater, wastewater, and community resilience. One application is for the Ames Lake improvements project, and the other is for a project that would combine the Tanners Lake, Battle Creek Lake, and McKnight Basin outlet operation plan; the Landfall BMP study; and the Battle Creek subwatershed feasibility study (phase 2). Applications were due on December 11. We expect to hear whether these applications were successful in spring 2026.

L. Total maximum daily load (TMDL) reporting assistance (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to help the RWMWD summarize information needed for TMDL reporting to the MPCA.

During this period, Barr developed a scope summary to compile data for the RWMWD's existing TMDLs and summarize pollutant reductions from projects for each TMDL. At this time, the MPCA has not announced whether reporting will be required in 2026, given that the online reporting system remains non-functional. However, Barr and the RWMWD will gather the information to prepare for reporting when required again.

Project operations

M. 2026 Tanners alum facility monitoring (Barr project manager: Meg Rattei; RWMWD project manager: Eric Korte)

This project aims to complete the monitoring and reporting required by the general National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) permit for municipal separate storm sewer systems (MS4s).

The Tanners alum plant operated successfully during the 2025 season and was shut down, as is typical, in late October. Following the shutdown, the RWMWD cleaned the floc pond in November and began organizing the data for review. After analysis of the data, we will prepare an annual monitoring report in accordance with MPCA permit requirements and will submit it to the MPCA's database in 2026. The plant will be restarted in spring 2026 for another season.

N. Beltline and Battle Creek Gopher State One Call utility locates (Barr project manager: Nathan Campeau; RWMWD project manager: Dave Vlasin)

The purpose of this project is to protect the Beltline and Battle Creek tunnel systems from damage by assisting the district with utility-locating services through Gopher State One Call. As necessary, Barr will monitor utility locate requests and mark tunnel locations in the field.

During this period, Barr refined the survey collected during the Beltline inspection in 2025 to create digital files ready for submission to Gopher State One Call.

Capital improvements

To: Board of managers and staff
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Date: February 25, 2026

O. 2026 targeted retrofit projects (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

This project aims to design BMP retrofits on previously identified commercial, school, and faith-based properties in the district, and to provide bid assistance and oversee construction.

Development of future retrofit projects: As potential projects are vetted, they will be captured here. As viable projects move into site analysis and concept design, they will be tracked separately, as noted below.

Thirty Twenty Estates in Little Canada (2026): Barr completed drawings and an opinion of cost for discussion with property owners. This pilot project for the Miyawaki Mini Forest method includes turf conversion and vegetative buffers for this manufactured home site. Renderings are in progress to support project understanding.

(Action item)

The board should consider a motion to accept the designs, scope of work, and estimate of probable construction costs and approve seeking quotes from select contractors. Assuming board support, quotes will be due in late March, with a recommendation of award at the April meeting and construction beginning as early as May. Project drawings depicting the 90-percent design, scope of work, and opinion of probable construction costs have been included with this board packet.

Redeemer Lutheran in White Bear Lake: Barr developed a project summary memo for RWMWD review to determine whether the project should proceed as a stewardship grant or as a targeted retrofit.

1670 Beam Avenue in Maplewood: This commercial property houses several dental services, including Community Dental, a nonprofit organization. The owner is interested in exploring opportunities for additional tree plantings, with tree trenches as a potential BMP for the site. Barr began concept design in January, with initial design discussions with the property owner to take place in March.

Gustavus Adolphus Lutheran Church of Saint Paul: Barr completed drawings and an opinion of cost for discussion with property owners. This project includes pavement reduction, biofiltration, and the creation of a wet prairie gathering space. Soil borings suggest slow infiltration, so the design was modified to include a connection to Saint Paul storm infrastructure. An initial plan review meeting took place on February 24.

(Action item)

The board should consider a motion to accept the designs, scope of work, and estimate of probable construction costs and approve advertisement for bid. Assuming board support, bids will be due in late March, with a recommendation of award at the April meeting and construction beginning as early as May. Project drawings depicting the 90-percent design, scope of work, and opinion of probable construction costs have been included with this board packet.

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P. Kohlman Creek flood risk reduction projects (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)

This project aims to design multiple flood risk reduction improvement projects previously identified in the Kohlman Creek flood risk reduction feasibility study. The improvement projects include PCU Pond T grading, 13th Avenue storm sewer improvements, and berm grading and outlet installation in the backyards of homes along County Road C.

During this period, Barr coordinated with New Look Contracting on the progress payment application and the change order (both of which were approved at the January 2026 board meeting). Additional work will occur in spring 2026 to bring the constructed berm to the as-designed grade. We do not anticipate any additional work until spring 2026.

Q. Wakefield Lake aeration (Barr project manager: Tyler Olsen; RWMWD project managers: Paige Ahlborg and Eric Korte)

The purpose of this project is to finalize the design and implementation of an oxygen saturation technology system in Wakefield Lake to reduce internal phosphorus loading and improve water quality.

During this period, Barr solicited feedback from the City of Maplewood on the proposed oxygenation design to determine whether the proposed location is feasible.

CIP project repair and maintenance

R. Routine CIP inspection and unplanned maintenance identification (Barr project manager: Gareth Becker; RWMWD project manager: Dave Vlasin)

This study aims to address unplanned and routine maintenance of the RWMWD's existing capital improvement projects that are not included in the annual CIP maintenance and repairs project.

This project involves the ongoing evaluation of current CIP maintenance and repair sites that may need attention. Work has slowed as the annual 2026 CIP project (below) ramps up. During this period, Barr and the RWMWD began planning for the upcoming [Minnesota Pond Research and Practice Symposium](#) on March 31 and April 1, where we will share experiences and expertise on stormwater pond dredging, sediments, and pond rehabilitation.

S. 2026 CIP maintenance and repairs (Barr project manager: Gareth Becker; RWMWD project manager: Dave Vlasin)

This effort aims to maintain the RWMWD's existing capital improvement projects and includes the Public Entity Cost Share (PECS) program.

During this period, the contractor continued work at ponds 244 and 249 (Woodbury), Rondeau Pond (Little Canada), Hazel–Ross and Hazel–Nokomis ponds (Saint Paul), and Pond 7 (North Saint Paul). Work was completed at Gervais Filter Strip, Wakefield test cells, Evans Pond, Rondeau Pond, Pond 7 in North Saint Paul, and both Saint Paul ponds. During field activities, Barr identified a potential improvement opportunity involving the outlet at Rondeau Pond in Little Canada.

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Pricing for a potential change order was much higher than anticipated, and the work plan was abandoned until it is likely included in the 2027 CIP. The City of Little Canada would reimburse the RWMWD for construction costs associated with this modification.

A significant February thaw and discussions with the City of Woodbury have led to the decision to remove Pond 310 (site 12) from the 2026 CIP and include it in the 2027 CIP, with the city providing reimbursement. This will allow for additional quantities to be removed from Pond 249 (site 13) and remain within the city's budget this year. A change order to document this change will be submitted at the next board meeting.

Overall, 2026 CIP work is progressing on schedule at an acceptable pace. An application for partial payment is included in this packet for consideration at the March board meeting.

T. 2026 vegetation maintenance program (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to maintain the RWMWD's existing vegetated BMPs.

Barr and the RWMWD developed a request for qualifications (RFQ) to form a pool of qualified landscape maintenance contractors that will provide maintenance services for the district's existing vegetated BMPs. This effort began in 2015 as a pilot program to support grantees and project partners with vegetation maintenance for up to two years post-construction. School-based BMPs are maintained on a longer-term basis. In 2026, 29 sites will be maintained under this program. The RFQ was released in late February, with qualifications due in March. We will review submittals and present them to the board in April for approval of the selected contractors.

U. RWMWD office exterior improvements (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

This project aims to develop plans and specifications and engage a contractor to improve the RWMWD office parking lot, including a heated porous paver system, ADA-related accessibility improvements, and electric-vehicle (EV) charging stations.

Barr is drafting project construction documents and seeking in-house expertise to review and design the mechanical system required to support the heated pavement. In addition, for RWMWD consideration in March, an architect is developing options for housing the mechanical system. This spring, the board will review the construction documents and consider soliciting bids.

Program Updates

V. Natural resources update: Paul Erdmann

Learning, Connecting, Planning Team NR has kept the brainwaves humming this winter as we eagerly await spring. Last week, we attended the Prairie Enthusiasts' Biodiversity from the Ground Up Virtual Conference and this week we will attend the Pollinator Friendly Alliance Best Practices for Pollinators Virtual Summit. These two conferences provide practical and academic

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presentations on fire-dependent ecosystems and land practices that promote pollinators and other wildlife, climate resilience, clean water and lands. We also attended the MN Lake Management Society's Annual Symposium that focused on the management of shallow lakes, and the Metro Conservation Network's Winter Meeting that focused on wildlife research and management. We also attended the Washington County Cooperative Weed Management Area (CWMA) meeting as well as the Ramsey County CWMA meeting. CWMA's bring conservation partners together to manage invasive species in a collaborative effort, as weeds know no boundaries. These CWMA's focus on Early Detection Rapid Response species- these are species that are not well established yet, so finding them and managing them before they become widespread is the goal. RWMWD is a strong partner in these efforts. We also had several prescribed burn planning meetings, one internal and one with the City of St. Paul staff to discuss burns around Phalen this year. We also attended meetings on Lake Wabasso vegetation, Washington County AIS, District DEIA initiatives, a potential Casey Lake Park project, a future Lake Phalen bridge replacement project, a District lake water quality planning meeting, a planning meeting with Urban Roots, and more.

Winter Field Days Our woody management work continues as time and conditions allows, with work done at Keller Golf Course, Gervais Mill Pond Park, and Wetland A. We also continue repairing and replacing wood duck and bluebird houses on our managed sites.



Top- Przemek Bajer presents on carp management at the Lake Management Society Symposium.

Bottom- Good attendance at the Ramsey County CWMA Meeting



To: Board of managers and staff
From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes
Subject: Project and program status report: March 2026
Date: February 25, 2026

W. Communications and engagement program: Lauren Hazenson

Classroom Sessions: Seed Curriculum

Lionsgate Academy (Shoreview)

January 27 and 29, 2026

Education staff worked with four high school science specialist classes at Lionsgate Academy, reaching approximately 38 students and 10 adult student aides. Students participated in Seed Curriculum Phase 2: Seed Planting. The goal of this phase was to continue learning the seed cycle by planting seeds that students harvested and stratified in earlier lessons, while building deeper knowledge of Minnesota native plants and their ecological value.

Students focused on one plant species for both activities. In the Native Plant 3D Modeling activity, they studied plant structure, including stem characteristics, leaf shape and orientation, and bloom color and form, and used common crafting materials to create a three-dimensional model. This allowed students to think about the plants' identifying features in an interactive, tactile manner.

For the planting activity, students worked in three small groups with Volunteer Garden Educators. Each group focused on one plant species, reviewed plant information sheets, prepared soil by hand-mixing it with the appropriate amount of water, filled half trays, and planted seeds stratified during Phase 1. In total, 11 native plant species were planted. Volunteer Gardeners included Karen Wick, Sarah Kamrath, and Bill Brian.



St. John Catholic School (Little Canada)

February 3, 2026

Education staff taught Seed Curriculum Phase 2 to the 7th grade class of 20 students. Goals and activities mirrored those at Lionsgate Academy, with students modeling their plant species and planting previously stratified seeds in small groups with Volunteer Garden Educators. A total of 10 native plant species were planted. Volunteers included Brenda McCollough, Pat

Roth, Jenny Larsen, and Donna Long.

American Indian Magnet School (St. Paul)

February 3, 2026

Two 5th grade classrooms (56 students) participated in Seed Curriculum Phase 2. Students completed the same modeling and planting activities, reinforcing their understanding of native

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plant identification and the benefits to ecosystems. Fourteen native plant species were planted. Volunteer Garden Educators included Robert Wilson, Bill Brian, Jo Sullivan, and Amber Westley.

**Harmony Learning Center (North St. Paul)
February 4, 2026**

Staff worked with four Adult English Language Learner classes, reaching approximately 30 students. Participants completed Seed Curriculum Phase 2 with the same modeling and planting activities as previously listed classrooms. An additional goal for this group was to strengthen English language skills in a science setting. Sixteen native plant species were planted. Volunteer Garden Educators included Rochelle Schmidt, Roberta Delfun, Linda Koopmans, and Cynthia Anderson.

Note: Class sizes were smaller than usual, as many students reported not feeling safe traveling to school that week. A fourth class joined, but overall participation numbers were reduced.



**Weaver Elementary School (Maplewood)
February 11, 2026**

Three 5th grade classrooms (74 students) completed Seed Curriculum Phase 2. Students modeled plant structures and planted seeds stratified earlier in the winter. Eighteen native plant species were planted. Volunteer Gardeners included Bill Brian, Dan Jaker, Brenda Anderson-Moser, Aggie Reiners, Shannon Stewart, and Ed Shinbach.

**L'Etoile du Nord French Immersion School (St. Paul)
February 25 and 26, 2026**

Staff taught the Seed Curriculum Phase 2 to two 3rd grade classrooms (47 students). Students continued building on their Phase 1 work by modeling their selected plant species and planting stratified seeds. Twelve native plant species were planted. Volunteer Gardeners included Susanne Schroeder (two sessions), Liz Colwell (two sessions), Kat Kennedy, and Beth Jackson.

Classroom Sessions: Water Quality Curriculum

**Woodbury Elementary School (Woodbury)
February 5, 2026**

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Staff taught one 4th grade classroom (30 students) and one 5th grade classroom (25 students). The goal of the lesson was to build on watershed, pollution, and rain garden concepts introduced in the fall by analyzing a real winter water sample.

The first half of class included a slideshow and demonstrations explaining key water health parameters: dissolved oxygen, temperature, pH, clarity, and salt/conductivity. During the second half, students broke into small groups to conduct hands-on testing. The water sample was collected from Battle Creek Lake. Water Quality Technician Lyndsey Flaten co-taught the lesson, and the sample was obtained by drilling through the ice prior to class.

St. John Catholic School (Little Canada)
February 10, 2026

One 6th grade class (20 students) participated in the Water Quality lesson, following the same goals and classroom structure as Woodbury. Students tested a water sample collected from Gervais Creek. Water Quality Technicians Lyndsey Flaten and Kyle Kubitza co-taught the lesson and led small groups. The sample was collected by drilling through the ice prior to class.

Island Lake Elementary (Shoreview)
February 17, 18, and 24, 2026

Staff taught the Water Quality lesson to six 5th grade classrooms (173 students). Students tested the water collected from Lake Owasso and examined the same health indicators introduced at other schools. Water Quality Technician Kyle Kubitza co-taught on the first two days, with both Kyle and Lyndsey Flaten assisting on the third day.

Central Park Elementary (Roseville)
February 24, 2026

Two 5th grade classrooms (60 students) participated in the Water Quality lesson. Students analyzed water collected from Bennett Lake and conducted small-group testing of dissolved oxygen, temperature, pH, clarity, and conductivity. Water Quality Technicians Lyndsey Flaten and Kyle Kubitza co-taught and each led a small group. The sample was collected through ice drilling prior to the lesson.

WaterFest Planning

Staff met on 2/6 to continue planning for an adjusted format for WaterFest. Thanks to the St. Paul Parks Department, we will be able to utilize the Lakeside Activity Center, which is typically closed during WaterFest, this year for volunteer and performer use. This will reduce the need for additional tent rentals beyond those needed for exhibitors. Design review for the event map, a-frame signs for promotion, and t-shirts also began this month, followed by volunteer and exhibitor registration emails to past participants.

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Aquatic Plants and Shallow Lake Ecology Communications Campaign

Misinformation or lack of information about shallow lake ecology has led the general public to perceive aquatic plants as “weeds.” Occasionally, this perception also leads residents to advocate for the removal of aquatic plants, despite their overall value to wildlife and lake health. Multiple RWMWD departments are coordinating to plan a strategic communications and education campaign to help change this perception and encourage acceptance of aquatic plants. As a first step, we will conduct a community survey targeting shoreline property owners across the district and park visitors at several lakes with public access. We will then use information gathered from that survey to inform the campaign and to establish a baseline for post-campaign evaluation.

Phalen Freeze Fest- Cancelled

Unfortunately, the unseasonably warm weather mid-month, however welcome, made an event on the ice a potential safety hazard. St. Paul Parks is planning an alternate event in the fall to take the place of Freeze Fest this year, and we look forward to engaging with that opportunity as more details emerge.

Social Media (Facebook, Instagram, YouTube, LinkedIn)

Facebook

Reach: 3,083
Engagement (likes, shares): 176
Followers: 1,813

Instagram

Reach: 1,514
Engagement: 94
Audience: 1,045

YouTube

Views: 5,114
Watch time (hours): 42.2
Subscribers: 402
Viewers: 4,039

LinkedIn

Reach: 2,017

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Engagement: 53
Audience: 622

Other education/outreach initiatives:

2/11/2026 - Watershed Partners Meeting
2/10/2026 - CAC Meeting
2/12/2026 - EMWREP Education Retreat
2/24/2026 - EMWREP Steering Committee
2/23/2026 - Watershed Partners Steering Committee

X. Citizen Advisory Committee (CAC): Carrie Magnuson

The Citizen Advisory Committee met on February 10th, 2026 at 6:30 pm at the RWMWD office and Zoom

In attendance were 10 CAC members, 2 Board of Managers, and 3 staff members. The following initiatives were discussed and further developed

General Business

Leadership Elections: The group reviewed that elections would take place in late March via anonymous online ballot. Nominations will be accepted through March 6th for a Chair/Vice-Chair or Co-Chair model.

WaterFest: The group was given updates on the event's modified format. CAC will not host their own table this year but rather will be in key support roles for the event.

Volunteer opportunities: CAC members will volunteer at the following upcoming events:

- Phalen Freeze (scheduled for Feb 21st, but cancelled)
- Oakdale Eco Fair (Saturday, April 25th)

Management Plan Update

Tina and Lauren presented a co-created BARR Engineering presentation on the Board of Managers Issue Prioritization Workshop (held at the January BOM Meeting). They outlined the key points, estimated timeline, engagement results, & types of issues prioritized. The CAC provided feedback and questions, which Tina and Lauren answered.

2026 Proposed Work Plan Items

The following initiatives are those the CAC wishes to continue or pursue in the following year:

1. Outreach & engagement volunteer program (continued support)
2. Watershed Management Plan (continued support)
3. Chloride outreach & education
4. CAC rain garden or buckthorn cleanup project – CAC, Staff, Carrie

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5. CAC/LEAP Team planting
6. WaterFest Support
7. Watershed Excellence Awards & Volunteer Recognition Dinner planning
8. LEAP Program nominations & subcommittee (Environmental Forum)
9. Standardize bringing in staff as guest speakers twice per year to review RWMWD programs
10. Explore if there are citizen science opportunities that would support RWMWD's work
11. Seek opportunities to learn about contaminants of emerging concern (Mercury, PFAS)

Pending Board approval, the CAC will adopt these items as the 2026 Work Plan.

2026 Meeting Dates: April 21st, June 9th, September 22nd, October 27th, December 8th