



AGENDA

Rogers City Council

November 12, 2024 - 7:00 PM

5:00 Budget Workshop

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

2. OPEN FORUM

Individuals may address the Council about any item not contained on the regular agenda. A maximum of 10 minutes is allocated for the Forum. If the full 10 minutes are not needed for the Forum, the Mayor will continue with the agenda. If additional time is needed for the Forum, the Council will continue the Forum following Other Business on the agenda. The Council will take no official action on items discussed at the Forum, with the exception of referral to staff of Commission for future report.

3. PRESENTATIONS

3.1 Oath of Office for Police Officers

4. APPROVE AGENDA

Council members may add items to the agenda for discussion purposes or staff direction only. The Council will not normally take official action on items added to the agenda.

5. CONSENT AGENDA

These items are considered to be routine and will be enacted by one motion. There will be no separate discussion of these items unless a Councilmember so requests, in which event the item will be removed from the Consent Agenda and placed elsewhere on the agenda.

5.1 Approval of the October 22, 2024 Workshop Minutes and the October 22, 2024 City Council Meeting Minutes

5.2 Approval of Bills and Claims

5.3 Approve Resolution 2024-110 Approving Deferred Special Assessment Agreements and Revised Assessment Roll, Arthur Street Utility Extension, City Project No. 1714

5.4 Approve Amendment to Professional Service Agreement with JLG Architects for Multipurpose Indoor Turf Facility, City Project No. 2201

- 5.5 Approval of a Cooperative Agreement with Hennepin County Housing and Redevelopment Authority for the Continuation of Elevate Hennepin Services.
- 5.6 Approval of Resolution 2024-113 Approving Wetland Fill for Veit Gravel Mine Expansion
- 5.7 Resolution No 2024-115, A Resolution Canvassing the 2024 General Election
- 5.8 Approval of Resolution 2024-112 Declaring Saturday, November 30th as Small Business Saturday in the City of Rogers
- 5.9 Approval of Office Furniture for City Hall
- 5.10 Approval of Resolution 2024-108 approving a site plan request by Ray Js American Grill for a restaurant at Northdale Blvd and County Rd 144
- 5.11 Approval of Resolution 2024-111 approving a site plan request for the construction of a building addition to Discount Tire at 21721 Diamond Lake Rd S.

6. PUBLIC HEARINGS

7. GENERAL BUSINESS

- 7.1 Resolution No. 2024-114, A Resolution Awarding the Sale of General Obligation Sales Tax Revenue Bonds, Series 2024B, in the Original Aggregate Principal Amount of \$16,275,000; Fixing their Form and Specifications; Directing their Execution and Delivery; and Providing for their Payment
- 7.2 Application by Veit & Company, Inc. for Expansion of a Mining Operation for the Parcel with PID 16-120-23-32-0002

8. CORRESPONDENCE AND REPORTS

- 8.1 Council-Staff Goalsetting Report/Tally

9. ADJOURN



STAFF REPORT

ROGERS CITY COUNCIL

Meeting Date: November 12, 2024

Agenda Item: 3.1

Subject: Oath of Office for Police Officers

Prepared By: Dan Wills, Chief of Police

Overview / Background / Analysis

Mayor Ihli will administer the Oath of Office to Police Officers Avery Fischer and Zachary Weigman

Staff Recommendation

N/A

Financial Impact: N/A

Source Fund: N/A

Budgeted? N/A

Supporting Documentation

None



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.1

Subject: Approval of the October 22, 2024 Workshop Minutes and the October 22, 2024 City Council Meeting Minutes

Prepared By: Stacie Brown, City Clerk

Overview / Background / Analysis

Staff Recommendation

Motion to approve the October 22, 2024 Workshop minutes and the October 22, 2024 City Council meeting minutes.

Financial Impact:

Source Fund:

Budgeted? N/A

Supporting Documentation

- A. 10222024workshop
- B. 10222024min

1. Call to Order. The Workshop of the Rogers City Council was called to order by Mayor Ihli on Tuesday, October 22, 2024 at 5:00 p.m. at 21201 Memorial Drive, Rogers, Minnesota.

Council present: Rick Ihli, Kevin Jullie, Shannon Klick, and Amy Enga

Council excused: Mark Eiden

2. Review Proposed Fee Schedule Updates

Finance Director Bruska presented adjustments made to the proposed fee schedule based on input from Department Heads, as follows:

Rogers Activity Center (RAC):

- Activity Room Rental/Hourly Fees: Increased non-resident fee
- Activity Room Rental/Facility Impact Fees: Added impact fee for staff time and facility wear and tear.
- Equipment Rental: Increased sound system rental costs and removed equipment no longer utilized.
- Ice Rental Rates: Increased rates \$5 to \$10 per hour to align with increasing operational costs and align with market rates.

Administration:

- Research and Labor Rate: Removed hourly rates and referenced MN Statute.

Building Permits:

- Assessor Fee: Removed – City no longer pays Hennepin County for this service.
- Certificate of Occupancy Escrow: Removed – landscaping now secured on Development Agreements.
- Temporary Certificate of Occupancy: These are requested, and staff recommends providing the option to tenants as a cost of \$50.

Community Rooms:

- Community Room Rental
- Event Center Rental: Non-Profits
- Event Center Rental: Graduation Package
- Hosted Events with Liquor Service
- Equipment Rental

Development: No changes recommended

Fire:

- Annual Operating Permits
- False Alarm Fees
- Fire Inspection Fee (Staff Time)

Liquor, Tobacco, & Cannabis:

- Cannabis: Added registration fees as defined by MN Statute
- Tobacco: Increase annual fee to \$300.00.

Parks & Recreation:

- Miscellaneous Fees: Increases to use of lights, portable mound set-up adder, field staff for tournaments due to increasing staff costs.

Community Development:

- Interim Use Permit: Increase base fee to align with CUP fees
- Massage License: Removal of charges for individual licenses and kept establishment fees

- Temporary Signs: Add fee for 1 to 10 day permit of \$25 and increase fee for eleven to thirty day fee due to staff time spent.

Police:

- Hunting Licenses: Minor increase to adjust for issuance/enforcement costs
- Security Services: Increased hourly Officer fee to match staff costs
- Solicitor Licenses: Changing to annual fee – similar to other cities.

Public Works:

- Bulk Water: Changing fee structure to match current practice of charging per-gallons used
- Hydrant Meter Deposits: Increased to reflect meter prices
- Water/Sewer Installers Permit: Increased to reflect costs
- Wire Access and Valve Box: Changed fee to cover cost of the box

Utility Billing:

- Recycling Fee: increase to align with Republic Services contract
- Organics Recycling Fee: New fee aligns with Republic Services contract
- Sewer- Basic and Consumption: Increase in rates of 5%
- Storm Sewer – Basic Only: Increase in basic charge rate of 5%
- Water- Basic and Consumption: Increase in rates of 15%
- Utility Billing Penalties: Increase penalty from 1.5% to 3%

Bruska reviewed the Utility Fund Budget Summary in detail, noting that operating revenues have been increased due to development contributions. She added that at minimum, depreciation needs to be covered. She explained that the cash balance should be at least 6 months of the next year's operating budget. All funds are within the target range, and look very healthy. With respect to debt, a 2021 water bond was issued to build a water tower; however it was not built. The proceeds will be used for the purpose of exploring additional wells, which will involve going through arbitrage.

Councilor Enga asked about the potential need for a water tower; Public Works Director/City Engineer Cote explained that the current need is for water, not storage. Eventually storage will be needed, however not at this time.

Bruska shared that based on a 5,000 gallon average usage, the proposed rate adjustment represents an increase of \$5.77 per bill. She presented a graph of water, wastewater, and stormwater rates for Minneapolis/St. Paul metro area cities. Councilor Enga asked if the expectation is for another rate increase in the year ahead, and Bruska expressed that a rate study would be beneficial.

Bruska reviewed the Liquor Operation Fund budget summary, noting that RWAS revenue has been very stable, and the Muni was not covering its operating costs. With the closing of the Muni, staff proposes retaining the current Manager to add support at RWAS and Event Center functions. Bruska concluded by recapping the budget schedule, and invited questions from Council.

Councilor Jullie asked how often the Police need to offer security services, and Captain Foster replied that it is not frequent.

Councilor Enga asked about advertising agreements, and whether this will change with the Frontburner agreement. Bauer replied that there may be changes coming.

Administrator Stahmer noted a General Fund item; the Assistant Chief of Training position for the Fire Department. Chief Farrens has provided an overview of the position, and Stahmer noted the need to split the duties, with a planned absence coming up in February. Chief Farrens provided details on the need for this position.

Assistant Administrator Scharber asked for an update on property transactions from Community Development Director Angell. He provided the status for Ray J's, Craft and Crew, property next to Maynards, and the lot near Miller Chevrolet.

8. Adjourn

Mayor Ihli adjourned the workshop at 6:35 p.m.

Respectfully Submitted,
Stacie Brown, City Clerk

1. Call to Order. The regular meeting of the City Council of the City of Rogers was called to order by Mayor Ihli on Tuesday, October 22, 2024, at 7:00 p.m. at Rogers Community Center, 21201 Memorial Drive, Rogers, MN, 55374 and online in the Zoom application.

Council present: Rick Ihli, Kevin Jullie, Shannon Klick, and Amy Enga
Council excused: Mark Eiden

2. Open Forum

No one came forward.

3. Presentations

None.

4. Approve Agenda

Set as submitted.

5. Consent Agenda

- 5.1 Approval of the October 8, 2024 City Council Meeting Minutes**
- 5.2 Approval of Bills and Claims**
- 5.3 Call a Public Hearing for Tuesday, November 26, 2024 at 7:00 p.m. for the Purpose of Adopting the Annual Fee Schedule Ordinance, Utility Rates and Related Items**
- 5.4 Approve Professional Services Agreement with SRF Consulting Group for TH 101/194 Interchange Bridge Loading Rating, City Project No. 2408**
- 5.5 Approval of Resolution 2024-95 Approving Site Improvements at 21400 John Milless Drive (Municipal Bar Property) by Craft & Crew Hospitality, Inc.**
- 5.6 Approve Revised Social Media Policy**
- 5.7 Approve Items Related to Taylor Inlet, a Rural Residential Subdivision**
 - **Approve Resolution 2024-99; Approving Preliminary Plat for Taylor Inlet**
 - **Approve Resolution 2024-106; Approving Lot Split for Property at 23200 109th Ave N.**
- 5.8 Approve Resolution 2024-100; Approving Site Plan for Word of Peace Church Addition and Site Improvements at 21705 129th Ave N**
- 5.9 Approve Resolution 2024-101; Approving Site Plan for City Turf Facility**
- 5.10 Approve Purchase of Three Ford Explorer Police Interceptors**
- 5.11 Approval of Professional Service Agreement for Naming Rights at the Rogers Activity Center**
- 5.12 Approval of Resolution 2024-103; Approving Record of Decision and the Negative Declaration of Need for an Environmental Impact Statement for Veit & Company Sand and Gravel Mining Expansion**
- 5.13 Approval of Resolution 2024-107; Reauthorizing Membership in the 4M Fund**

Councilor Jullie moved, Councilor Enga seconded a motion approving the Consent Agenda. Motion carried 4-0.

6. Public Hearings

Angell provided background on the sale of property currently occupied by the Municipal Bar, and the related purchase agreement. As due diligence went through for the potential loan, staff reviewed the financial health of the buyer, which showed a very strong financial health at other locations. A business credit check was also conducted, with no red flags noted. Angell shared details on the \$450,000 secured loan, noting that it is contingent on a property closing. The actual loan which would be granted would be paid through land sale proceeds, and would not impact the General Fund. This Public Hearing is being held in accordance with State Statute, and the loan documents were provided to Council in tonight's packet.

Jullie asked how unusual it is for a city to act as a bank. Angell explained that it is fairly common; however the City is not the primary financier, and the funds are coming strictly through the proceeds of the sale. Klick asked if it is common to have it at zero percent interest, and Angell stated that it varies based on use and risk. Klick inquired about the minimum number of jobs, and Angell stated that is related to business subsidy policy requirements. City Attorney Vose clarified that the reason this is a subsidy is a low/no-interest loan, which brings benefit back to the community.

Mayor Ihli opened the Public Hearing at 7:13 p.m.

From the audience, resident Jim Kelley asked if the City is obligated to give a zero percent loan.

Stahmer: this was all part of the bigger negotiation.

Councilor Enga asked for confirmation that the loan is coming directly from the proceeds of the sale, and Angell confirmed that is accurate.

Ashie Wahba, 13455 Red Fox Road – Mr. Wahba expressed concern over setting precedent for others to receive a zero-interest loan.

Attorney Vose explained that this is a loan program, and there is statutory authority; it is a per-deal discretionary decision to be made by the City.

Councilor Jullie asked for confirmation that this would not establish a legal precedent. Vose confirmed that when evaluating benefits of a given project, a City has discretion to approve or deny on a case-by-case basis. Angell added that there are very few State programs for commercial projects, they are more on the industrial side.

Mayor Ihli moved. Councilor Klick seconded a motion to close the Public Hearing at 7:20 p.m. Motion carried 4-0.

Councilor Enga moved, Councilor Jullie seconded a motion approving Resolution 2024-104; Approving Loan Documents with Craft & Crew Hospitality, Inc. Related to Site Improvements at 21400 John Milless Drive. Motion carried 4-0.

7. General Business

7.1 Application by Asguard Acquisitions, LLC for a Variance and Site Plan Amendments Related to the Mixed-Use Apartment at 21225 141st Avenue North

Community Development Director Angell provided details on a variance request and site plan for this project. The variance request is related to the required enclosed stalls; due to the high water table. The change would still result in compliance with the total number of stalls. Angell noted that this was reviewed at the last Planning Commission meeting. No individuals spoke at the Public Hearing, and the Planning Commission recommended approval.

Councilor Jullie moved, Councilor Klick seconded a motion approving a variance and site plan amendments related to the mixed-use apartment at 21225 141st Avenue north. Motion carried 4-0.

7.2 Approval to Hire Devon Baaney as the Information Systems Network Technician

IS Director Greninger shared a background on the backfill of this position. Of 49 applications received, four applicants were brought forward for a panel interview. Devon Baaney was unanimously selected as the top candidate, and a conditional job offer was made on October 11th.

Mr. Baaney brings three years of experience working in technology, including the Sherburne County Sheriff Department, and will provide valuable experience with managing mobile data computers in the Police and Fire squads.

Councilor Klick moved, Councilor Enga seconded a motion granting approval to hire Devon Baaney as Information Systems Network Technician. Motion carried 4-0.

7.3 Items Related to Indoor Multipurpose Turf Facility

Public Works Director/City Engineer Cote presented items related to the proposed construction of a multi-purpose turf facility. He provided details and renderings on the individual bid alternates for this project. The Resolution presented for consideration tonight was written based on bid alternate #1. Special inspections are required for excavation observations and soil testing, reinforcing steel observations, concrete testing, welded and bolted connection observation and final slab.

Councilor Klick inquired on the timeline for opening, and Parks and Recreation Director Bauer stated it will be approximately a year from now. Winter conditions would delay until the following spring. Councilor Enga asked if there are any concerns over quality, given the low bids. Cote stated that 2-3 withdrew their bids, and the construction manager has vetted each bid.

Councilor Jullie moved, Councilor Klick seconded a motion approving Resolution 2024-105, Accepting Bids and Awarding Contract for Construction Bid Package 2, City Project No. 2201, and Assign Prime Contracts to Terra Construction as the City's Construction Manager. Motion carried 4-0.

Councilor Jullie moved, Councilor Klick seconded a motion approving a Professional Services Agreement with AET for Special Inspections for Construction Bid Package 2, City Project No. 2201. Motion carried 4-0.

7.4 Approval to Purchase Replacement Grass Truck for the 2000 F35 Rogers Grass 11.

Fire Chief Farrens provided information on the 2000 F350, which is a single-use apparatus used for 25-30 calls annually. The truck has been having continual issues with the pump, and replacement options have been reviewed for about 8 months. The recommendation is to replace with a quick-attack apparatus, combining grass and rescue pickups.

Farrens provided details on the proposed purchase, including benefits of a multi-use apparatus. This was budgeted for 2025 in the amount of \$200,000, and the purchase price is \$350,000. Finance Director Bruska stated that there are some funding options available to cover the gap.

Councilor Klick moved, Councilor Enga seconded a motion approving the purchase of Midwest Fire Quick-Attack NTE. Motion carried 4-0.

8. Correspondence and Reports

8.1 3rd Quarter 2024 Financial Reports (online)

9. Adjourn to Closed Session

Mayor Ihli adjourned the meeting to closed session at 8:02 p.m. to discuss a potential purchase of real property pursuant to Minnesota Statute 13D.05, Subdivision 3(c), a portion of PID 36-120-23-34-0002; Stieg Woods.

Mayor Ihli moved, Councilor Klick seconded a motion approving a Purchase Agreement for acquisition of a portion of PID 36-120-23-34-0002 (Address Unassigned) – Stieg Woods. Motion carried 4-0.

The regular meeting reconvened at 8:21 p.m.

10. Adjourn

Mayor Ihli adjourned the meeting at 8:22 p.m.

Respectfully submitted,
Stacie Brown

City Clerk



STAFF REPORT

ROGERS CITY COUNCIL

Meeting Date: November 12, 2024

Agenda Item: 5.2

Subject: Approval of Bills and Claims

Prepared By: Bridget Bruska, Finance Director

Overview / Background / Analysis

According to the City's purchasing policy, all purchases made by City staff must be reviewed and approved by the City Council during each Council meeting via the consent agenda.

The accounts payable registers, detailing the payments issued by the City since the cutoff date of the last Council meeting, are attached to this item.

Staff Recommendation

Motion to approve bills and claims as presented.

Financial Impact: N/A

Source Fund: N/A

Budgeted? N/A

Supporting Documentation

- A. 2024 AP Cover Sheet
- B. 10-18-2024 Checks # 93773-93824 & ACH Payments
- C. 10-25-2024 Checks # 93825-93869 & ACH Payments
- D. 11-01-2024 Checks # 93870-93921 & ACH Payments
- E. October Purchasing Cards

CITY OF ROGERS

11.12.2024 CITY COUNCIL MEETING

OPERATING ACCOUNTS - ADDITIONAL CLAIMS PAID/TO BE PAID

City Payroll Checks, Taxes & Misc Fees Paid

10/17/2024 ADP Child Support/Garnishment	748.47
10/31/2024 ADP Child Support/Garnishment	695.72
10/17/2024 ADP Direct Deposits	289,427.94
10/31/2024 ADP Direct Deposits	227,884.11
10/17/2024 ADP Payroll Taxes	108,290.14
10/31/2024 ADP Payroll Taxes	88,528.98
10/23/2024 Colonial Life (Employee Paid Supplemental Plan)	227.58
10/16/2024 Further FSA/DCAP - K. Tomasko	769.24
10/23/2024 Further FSA/DCAP - K. Tomasko	0.50
10/30/2024 Further FSA/DCAP - B. Angell	300.00
10/25/2024 Group Health EAP Charges	145.00
10/18/2024 ICMA Deferred Compensation	2,346.14
10/21/2024 ICMA Deferred Compensation	2,346.14
11/4/2024 ICMA Deferred Compensation	2,346.14
10/16/2024 Optum Health Plan Fund	5,845.73
10/29/2024 Optum Health Plan Fund	5,806.15
10/22/2024 PERA	65,645.55
11/1/2024 PERA	67,254.70
10/21/2024 State of MN HCSP	3,397.37
11/4/2024 State of MN HCSP	3,397.37
10/21/2024 State of MN - Deferred Comp	9,178.65
11/4/2024 State of MN - Deferred Comp	9,178.65
11/5/2024 Standard Life Insurance - November	1,572.05
11/5/2024 The Hartford - November	1,897.85
Payroll & Misc Fee Expenditures	897,230.17

City Checks & ACH Paid

10/18/2024 City Checks & ACH Paid (93773-93824)	879,189.63
10/25/2024 City Checks & ACH Paid (93825-93869)	1,102,658.41
11/1/2024 City Checks & ACH Paid (93870-93921)	533,897.60
City Check & ACH Expenditures	2,515,745.64

City Misc ACH/Wires Paid

11/4/2024 Credit Card Fees City	9,874.59
11/4/2024 Credit Card Fees RAC	678.09
10/16/2024 Civic Pay ACH Fees Utility Billing	49.62
11/4/2024 Civic Pay Fees Utility Billing	5,680.71
10/17/2024 US Bank Credit Cards - October	38,506.60
11/5/2024 Payment Services Network Processing Fees	398.80
10/16/2024 Building Permit Surcharge	34,031.48
10/16/2024 MNDOR - City Sales Tax	3,444.00
10/16/2024 MNDOR - Water Sales Tax	13,500.00
City ACH/Wire Expenditures	106,163.89

City Total To Be Approved

3,519,139.70

Liquor Misc ACH/Wires Paid

11/4/2024 Credit Card Processing Fees - Muni	1,014.31
11/4/2024 Credit Card Processing Fees - RWAS	5,684.17
11/4/2024 Credit Card Processing Fees - RWAS	520.36
11/4/2024 Credit Card Interchange Fees- RWAS	124.21
Liquor ACH/Wire Expenditures	7,343.05

Liquor Total to Be Approved

7,343.05

Accounts Payable

Computer Check Proof List by Vendor

User: mrathlisberger@rogersmn.gov
Printed: 10/18/2024 - 9:09AM
Batch: 00004.10.2024



Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: AFLAC 701519	AFLAC EE Paid Insurance Premiums October 2024	950.88	10/18/2024	Check Sequence: 1 100-000-0000-21751-0000	ACH Enabled: False
	Check Total:	950.88			
Vendor: ancom 123006	Ancom Technical Center, Inc. St 2-Radio System (Station Alerting)	1,012.80	10/18/2024	Check Sequence: 2 449-420-2210-45200-2209	ACH Enabled: False
	Check Total:	1,012.80			
Vendor: bcatr 00000823735	BCA/CJDN State Criminal Justice Data Network Fees - Annt	1,080.00	10/18/2024	Check Sequence: 3 100-420-2100-43100-0000	ACH Enabled: False
	Check Total:	1,080.00			
Vendor: beaoi 1117890	Beaudry Oil & Service Inc. Fuel - Unleaded And Diesel	17,266.10	10/18/2024	Check Sequence: 4 100-000-0000-14100-0000	ACH Enabled: True
	Check Total:	17,266.10			
Vendor: belco 0205120500 0205292400 0205292400	Bellboy Corporation THC THC Liquor	195.30 819.80 850.55	10/18/2024 10/18/2024 10/18/2024	Check Sequence: 5 609-497-9760-42535-0000 609-497-9760-42535-0000 609-497-9760-42510-0000	ACH Enabled: True
	Check Total:	1,865.65			
Vendor: boutr 85515528	Bound Tree Medical, LLC Airway Trainer	869.99	10/18/2024	Check Sequence: 6 100-420-2210-42070-0000	ACH Enabled: False
	Check Total:	869.99			
Vendor: boytr	Boyer Ford Trucks, Inc.			Check Sequence: 7	ACH Enabled: True

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
093P22628	ABP N10G 91559 FILTER-AIR-#40-016	10.58	10/18/2024	100-430-3120-42103-0000	
	Check Total:	10.58			
Vendor: terpo	Brookfield Renewable			Check Sequence: 8	ACH Enabled: False
200100234029	RWAS Solar September	159.39	10/18/2024	609-497-9760-43810-0000	
200100234029	RWAS Solar September	159.39	10/18/2024	609-497-9760-43810-0000	
	Check Total:	318.78			
Vendor: minnc	Business Planning Concepts Inc			Check Sequence: 9	ACH Enabled: False
720603112024	November Life Insurance EE Reimbursed	288.00	10/18/2024	100-000-0000-21704-0000	
	Check Total:	288.00			
Vendor: capbe	Capitol Beverage			Check Sequence: 10	ACH Enabled: True
3043970	Mix Credit	-9.30	10/18/2024	609-497-9760-42540-0000	
3043970	Beer Credit	-34.20	10/18/2024	609-497-9760-42520-0000	
3043971	THC	767.00	10/18/2024	609-497-9760-42535-0000	
3043971	Pop/NA	83.40	10/18/2024	609-497-9760-42540-0000	
3043971	Beer	5,641.50	10/18/2024	609-497-9760-42520-0000	
3044636	Muni Bar Beer	86.00	10/18/2024	609-497-9770-42520-0000	
3047055	Beer Credit	-74.76	10/18/2024	609-497-9760-42520-0000	
3047082	Liquor	54.55	10/18/2024	609-497-9760-42510-0000	
3047082	Mix/NA	117.89	10/18/2024	609-497-9760-42540-0000	
3047082	Beer	5,394.60	10/18/2024	609-497-9760-42520-0000	
3047414	Muni Bar Beer	347.25	10/18/2024	609-497-9770-42520-0000	
	Check Total:	12,373.93			
Vendor: cdwgo	CDW Government			Check Sequence: 11	ACH Enabled: False
AA95Q9H	Adobe Licenses	1,127.06	10/18/2024	100-420-2100-43190-0000	
AA95Q9H	Adobe Licenses	153.69	10/18/2024	100-450-5120-43190-0000	
AA95Q9H	Adobe Licenses	34.15	10/18/2024	603-496-9495-43190-0000	
AA95Q9H	Adobe Licenses	307.38	10/18/2024	100-410-1330-43190-0000	
AA95Q9H	Adobe Licenses	1,130.93	10/18/2024	100-410-1910-43190-0000	
AA95Q9H	Adobe Licenses	307.38	10/18/2024	100-430-3000-43190-0000	
AA95Q9H	Adobe Licenses	307.38	10/18/2024	100-410-1950-43190-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
AA95Q9H	Adobe Licenses	34.15	10/18/2024	602-495-9490-43190-0000	
AA95Q9H	Adobe Licenses	51.23	10/18/2024	100-450-5186-43190-0000	
AA95Q9H	Adobe Licenses	1,747.61	10/18/2024	100-410-1325-43190-0000	
AA95Q9H	Adobe Licenses	409.84	10/18/2024	100-410-1520-43190-0000	
AA95Q9H	Adobe Licenses	102.46	10/18/2024	601-494-9440-43190-0000	
AA95Q9H	Adobe Licenses	204.92	10/18/2024	603-496-9495-43190-0000	
AA95Q9H	Adobe Licenses	51.23	10/18/2024	100-410-1941-43190-0000	
AA95Q9H	Adobe Licenses	34.15	10/18/2024	601-494-9440-43190-0000	
AA95Q9H	Adobe Licenses	409.84	10/18/2024	100-420-2210-43190-0000	
AA95Q9H	Adobe Licenses	153.69	10/18/2024	205-450-5205-43190-0000	
AA95Q9H	Adobe Licenses	204.92	10/18/2024	609-497-9760-43190-0000	
	Check Total:	6,772.01			
Vendor: berbe	Chas. A. Bernick, Inc.			Check Sequence: 12	ACH Enabled: False
10276206	THC	125.50	10/18/2024	609-497-9760-42535-0000	
10276207	Beer	1,898.65	10/18/2024	609-497-9760-42520-0000	
10276207	NA	246.00	10/18/2024	609-497-9760-42540-0000	
	Check Total:	2,270.15			
Vendor: cinco	Cintas Corporation			Check Sequence: 13	ACH Enabled: True
4207758661	Mats & Towels 10/9/24	29.00	10/18/2024	100-430-3000-44060-0000	
4207758661	Uniform - Gen'l. Gov't. Bldgs. 10/9/24	2.95	10/18/2024	100-410-1940-42180-0000	
4207758661	Uniform - WTR 10/9/24	6.02	10/18/2024	601-494-9440-42180-0000	
4207758661	Uniform - PW 10/9/24	24.85	10/18/2024	100-430-3000-42180-0000	
4207758661	Uniform - Janitorial 10/9/24	2.24	10/18/2024	100-410-1940-44060-0000	
4207758661	Uniform - SWR 10/9/24	6.02	10/18/2024	602-495-9490-42180-0000	
4207758661	Uniform - PK 10/9/24	14.73	10/18/2024	100-450-5200-42180-0000	
4207764857	RWAS Mats & Towels 10/09/24	187.76	10/18/2024	609-497-9760-43100-0000	
	Check Total:	273.57			
Vendor: citro	City of Rogers			Check Sequence: 14	ACH Enabled: False
003412-000	RWAS Water September	487.89	10/18/2024	609-497-9760-43820-0000	
003952-000	Muni Water September	85.73	10/18/2024	609-497-9770-43820-0000	
004728-000	Utility Service-12909 Main St September	15.61	10/18/2024	100-410-1940-43820-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
004729-000	Sr. Center Utilities - September	15.61	10/18/2024	100-450-5186-43820-0000	
004730-000	Sewer/Water-CR Sept '24	505.45	10/18/2024	100-410-1941-43820-0000	
004730-000	Sewer/Water-FD Sept '24	56.16	10/18/2024	100-420-2210-43820-0000	
004732-000	Utility Service-CH September	103.62	10/18/2024	100-410-1940-43820-0000	
004732-000	Utility Service-PW September	241.79	10/18/2024	100-430-3000-43820-0000	
004734-000	NCP Utilities - September	25.31	10/18/2024	100-450-5200-43820-0000	
004736-000	RAC Utilities - September	1,365.81	10/18/2024	205-450-5205-43820-0000	
007397-000	PD Sewer/Water - September	306.71	10/18/2024	100-420-2100-43820-0000	
008783-000	Utility Service-NCP Pk. Bldg September	14.30	10/18/2024	100-450-5200-43820-0000	
010149-000	Event Center Utilities - September	611.11	10/18/2024	100-410-1941-43820-0000	
011577-000	Utility Service-Splash Pad September	387.84	10/18/2024	100-450-5200-43820-0000	
012576-000	21701 Industrial Blvd. - Boyer Bldg September	117.74	10/18/2024	100-410-1940-43820-0000	
	Check Total:	4,340.68			
Vendor: citro	City of Rogers			Check Sequence: 15	ACH Enabled: False
Muni 10 19 2024	Muni Extra Change 10 19 2024	1,000.00	10/18/2024	609-000-0000-10200-0000	
Muni 10 19 2024	Muni ATM 10 19 2024	2,000.00	10/18/2024	609-000-0000-10200-0000	
	Check Total:	3,000.00			
Vendor: cit	Computer Integration Technologies Inc			Check Sequence: 16	ACH Enabled: True
386587	Consulting Retainer	5,000.00	10/18/2024	100-410-1330-43100-0000	
387054	Endpoint Detection Monthly Service November	445.50	10/18/2024	100-410-1330-43190-0000	
387226	Web Filter November	353.75	10/18/2024	100-410-1330-43190-0000	
	Check Total:	5,799.25			
Vendor: mnpip	Core & Main LP			Check Sequence: 17	ACH Enabled: False
V802825	440774620 74620 3/4X3/4X2-1/2 MTR CPLG N	392.66	10/18/2024	601-494-9440-42150-0000	
	Check Total:	392.66			
Vendor: crowr	Crow River Farm Equipment			Check Sequence: 18	ACH Enabled: True
211009	8' X 1.25" CD X 1/8 Wall Alum. Pipe	23.30	10/18/2024	601-494-9440-42103-0000	
211009	2' X 1.25" Solid Round	14.09	10/18/2024	601-494-9440-42103-0000	
211009	5' X 1.25" X1.5 X 1/8 Alum. Angle	9.96	10/18/2024	601-494-9440-42103-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Check Total:		47.35			
Vendor: dahdi	Dahlheimer Distributing Co.			Check Sequence: 19	ACH Enabled: True
2301611	Liquor	329.00	10/18/2024	609-497-9760-42510-0000	
2301611	Beer	16,968.95	10/18/2024	609-497-9760-42520-0000	
2301611	THC	270.00	10/18/2024	609-497-9760-42535-0000	
2301611	Muni Bar Beer	210.00	10/18/2024	609-497-9770-42520-0000	
2302033	Beer	151.00	10/18/2024	609-497-9760-42520-0000	
2302052	Muni Bar Beer	61.00	10/18/2024	609-497-9770-42520-0000	
2304741	Liquor	58.50	10/18/2024	609-497-9760-42510-0000	
2304741	Beer	462.70	10/18/2024	609-497-9760-42520-0000	
2304741	NA/Pop	148.80	10/18/2024	609-497-9760-42540-0000	
2306961	Beer	3,326.85	10/18/2024	609-497-9760-42520-0000	
2306961	THC	825.00	10/18/2024	609-497-9760-42535-0000	
2306961	Liquor	1,644.60	10/18/2024	609-497-9760-42510-0000	
2306961	NA	62.10	10/18/2024	609-497-9760-42540-0000	
2307147	Muni Bar Beer	326.30	10/18/2024	609-497-9770-42520-0000	
2307147	Muni Bar Liquor	49.50	10/18/2024	609-497-9770-42510-0000	
2307147	Muni Bar Mix	30.00	10/18/2024	609-497-9770-42540-0000	
976-00131	Beer Credit	-60.00	10/18/2024	609-497-9760-42520-0000	
Check Total:		24,864.30			
Vendor: danman	Dangerous Man Brewing			Check Sequence: 20	ACH Enabled: True
IN-5518	Beer	407.00	10/18/2024	609-497-9760-42520-0000	
Check Total:		407.00			
Vendor: cldis	Dick Family Inc.			Check Sequence: 21	ACH Enabled: True
1983863	Beer	529.25	10/18/2024	609-497-9760-42520-0000	
1983863	THC	720.00	10/18/2024	609-497-9760-42535-0000	
1992845	THC	180.00	10/18/2024	609-497-9760-42535-0000	
1992845	NA	31.80	10/18/2024	609-497-9760-42540-0000	
1992845	Beer	1,365.40	10/18/2024	609-497-9760-42520-0000	
Check Total:		2,826.45			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: facmo	Elliot Auto Supply Co, Inc.			Check Sequence: 22	ACH Enabled: False
1-10126560	DEL 84278338 84278338 BLADE ASM-WSW (	41.74	10/18/2024	100-420-2100-42103-0000	
1-10145862	DEL 177-1169 23144341 BRAKE ROTORS-#68	214.74	10/18/2024	100-420-2100-42103-0000	
128-202519	DEL 171-1243 84320501 Front Disc Brake-#68	88.46	10/18/2024	100-420-2100-42103-0000	
128-202545	RETURN: MTC SW7284 WINDOW SWITCH	-97.60	10/18/2024	100-430-3000-42103-0000	
128-202628	WIX WL10351 Oil Filters	14.08	10/18/2024	100-420-2100-42103-0000	
128-202628	FVP P0718 Air Filter	14.37	10/18/2024	100-420-2100-42103-0000	
	Check Total:	275.79			
Vendor: flepr	FleetPride			Check Sequence: 23	ACH Enabled: False
120298450	555 515-8600 WEASLER H -YOKE - #10-035	445.00	10/18/2024	100-450-5200-42103-0000	
120298450	555 203-8692 U -JOINTS - #10-035	126.76	10/18/2024	100-450-5200-42103-0000	
120298450	FREIGHT - #10-035	20.00	10/18/2024	100-450-5200-42103-0000	
	Check Total:	591.76			
Vendor: selac	Further			Check Sequence: 24	ACH Enabled: False
17074503	FSA Participant Fees October	40.50	10/18/2024	100-410-1325-43015-0000	
	Check Total:	40.50			
Vendor: dehmer	H.A.S LLC			Check Sequence: 25	ACH Enabled: False
1789	RWAS Fire Extinguisher Service	249.25	10/18/2024	609-497-9760-43100-0000	
	Check Total:	249.25			
Vendor: heapar	Health Partners			Check Sequence: 26	ACH Enabled: False
616860646940	November ER Paid Health Insurance	2,254.13	10/18/2024	100-410-1910-41310-0000	
616860646940	November ER Paid Health Insurance	3,226.34	10/18/2024	100-410-1950-41310-0000	
616860646940	November ER Paid Health Insurance	242.42	10/18/2024	100-430-3245-41310-0000	
616860646940	November ER Paid Health Insurance	988.50	10/18/2024	100-410-1940-41310-0000	
616860646940	November EE Paid Health Insurance	13,208.46	10/18/2024	100-000-0000-21706-0000	
616860646940	November ER Paid Health Insurance	5,556.13	10/18/2024	602-495-9490-41310-0000	
616860646940	November ER Paid Health Insurance	3,118.29	10/18/2024	100-410-1520-41310-0000	
616860646940	November ER Paid Health Insurance	1,770.84	10/18/2024	100-430-3000-41310-0000	
616860646940	November ER Paid Health Insurance	2,982.33	10/18/2024	100-420-2210-41310-0000	
616860646940	November ER Paid Health Insurance	446.25	10/18/2024	100-410-1941-41310-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
616860646940	November ER Paid Health Insurance	580.92	10/18/2024	609-497-9770-41310-0000	
616860646940	November ER Paid Health Insurance	5,913.12	10/18/2024	601-494-9440-41310-0000	
616860646940	November ER Paid Health Insurance	4,306.50	10/18/2024	100-430-3120-41310-0000	
616860646940	November ER Paid Health Insurance	-1,574.57	10/18/2024	609-497-9760-41310-0000	
616860646940	November ER Paid Health Insurance	1,363.88	10/18/2024	100-450-5120-41310-0000	
616860646940	November ER Paid Health Insurance	6,779.19	10/18/2024	100-450-5200-41310-0000	
616860646940	November ER Paid Health Insurance	1,838.13	10/18/2024	603-496-9495-41310-0000	
616860646940	November ER Paid Health Insurance	31,099.22	10/18/2024	100-420-2100-41310-0000	
616860646940	November ER Paid Health Insurance	5,758.74	10/18/2024	100-410-1325-41310-0000	
616860646940	November ER Paid Health Insurance	1,979.25	10/18/2024	205-450-5205-41310-0000	
616860646940	November ER Paid Health Insurance	446.25	10/18/2024	100-450-5186-41310-0000	
616860646940	November ER Paid Health Insurance	1,852.18	10/18/2024	100-410-1330-41310-0000	
	Check Total:	94,136.50			
Vendor: hegpi	Heggie's Pizza LLC			Check Sequence: 27	ACH Enabled: False
1222109034	Muni Pizza For Resale	508.90	10/18/2024	609-497-9770-42550-0000	
	Check Total:	508.90			
Vendor: hencosh	Hennepin County Accounts Receivable			Check Sequence: 28	ACH Enabled: False
1000233132	Radio Fleet Fee - September	4,861.55	10/18/2024	100-420-2100-44120-0000	
1000233704	Jail Per Diem - August 2024	450.00	10/18/2024	100-420-2100-43100-0000	
	Check Total:	5,311.55			
Vendor: i94we	I-94 West Chamber of Commerce			Check Sequence: 29	ACH Enabled: False
12280	Leadership Training I94 Chamber Of Commerce	450.00	10/18/2024	100-420-2100-44360-0000	
	Check Total:	450.00			
Vendor: ideal	Ideal Printers			Check Sequence: 30	ACH Enabled: True
000043113	Fall 2024 City Newsletter	5,784.19	10/18/2024	100-410-1325-43500-0000	
	Check Total:	5,784.19			
Vendor: innof	Innovative Office Solutions LLC			Check Sequence: 31	ACH Enabled: False
IN4666240	PLANNERNVYFIRENZELG	17.93	10/18/2024	100-430-3000-42000-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	17.93			
Vendor: intinc	Intereum Inc			Check Sequence: 32	ACH Enabled: True
212494	Service For TV In Doran's Office / Conference R	320.00	10/18/2024	100-430-3000-44010-0000	
	Check Total:	320.00			
Vendor: johbr	Johnson Brothers Liquor Co.			Check Sequence: 33	ACH Enabled: False
2641197	Liquor	2,174.00	10/18/2024	609-497-9760-42510-0000	
2641198	Liquor	111.50	10/18/2024	609-497-9760-42510-0000	
2641199	Wine	438.75	10/18/2024	609-497-9760-42530-0000	
2641237	Liquor	3,054.95	10/18/2024	609-497-9760-42510-0000	
2641238	Liquor	2,138.45	10/18/2024	609-497-9760-42510-0000	
2641239	Wine	2,311.95	10/18/2024	609-497-9760-42530-0000	
3717846	Beer	106.15	10/18/2024	609-497-9760-42520-0000	
6850690	Wine	118.65	10/18/2024	609-497-9760-42530-0000	
6860626	Liquor	214.45	10/18/2024	609-497-9760-42510-0000	
6860627	Wine	3,948.13	10/18/2024	609-497-9760-42530-0000	
6860628	Mix	32.75	10/18/2024	609-497-9760-42540-0000	
6860629	THC	369.00	10/18/2024	609-497-9760-42535-0000	
7491702	Wine	121.75	10/18/2024	609-497-9760-42530-0000	
7491704	Wine	145.75	10/18/2024	609-497-9760-42530-0000	
	Check Total:	15,286.23			
Vendor: keele	K E Electric LLC			Check Sequence: 34	ACH Enabled: False
24-122	Wire 2 Chillers	2,785.00	10/18/2024	609-497-9760-44010-0000	
	Check Total:	2,785.00			
Vendor: shagr	Kelbro Company			Check Sequence: 35	ACH Enabled: False
3076980	Ice	112.68	10/18/2024	609-497-9760-42570-0000	
3078864	Ice	84.40	10/18/2024	609-497-9760-42570-0000	
	Check Total:	197.08			
Vendor: kjoen	Kjolhaug Environmental Serv. Co., Inc.			Check Sequence: 36	ACH Enabled: True
807416	2024-041 - City Of Rogers - Fletcher Bypass LG	480.00	10/18/2024	402-000-0000-10100-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
807416	2024-041 - City Of Rogers - Fletcher Bypass LG	-480.00	10/18/2024	402-000-0000-10100-5000	
807416	2024-041 - City Of Rogers - Fletcher Bypass LG	480.00	10/18/2024	402-430-3121-43030-1409	
	Check Total:	480.00			
Vendor: konin	KONE Inc			Check Sequence: 37	ACH Enabled: False
871478392	Elevator Maintenance October	151.28	10/18/2024	205-450-5205-44010-0000	
871478392	Elevator Maintenance October	151.28	10/18/2024	100-410-1940-44010-0000	
	Check Total:	302.56			
Vendor: korin	KorTerra Inc			Check Sequence: 38	ACH Enabled: False
25272	KorTerra Locate Management Standard Jan - Seq	1,250.00	10/18/2024	603-000-0000-15500-0000	
25272	KorTerra Locate Management Standard Sept - D	625.00	10/18/2024	602-495-9490-43190-0000	
25272	KorTerra Locate Management Standard Jan - Seq	1,250.00	10/18/2024	602-000-0000-15500-0000	
25272	KorTerra Locate Management Standard Sept - D	625.00	10/18/2024	601-494-9440-43190-0000	
25272	KorTerra Locate Management Standard Jan - Seq	1,250.00	10/18/2024	601-000-0000-15500-0000	
25272	KorTerra Locate Management Standard Sept - D	625.00	10/18/2024	603-496-9495-43190-0000	
	Check Total:	5,625.00			
Vendor: kueco	KUE Contractors Inc			Check Sequence: 39	ACH Enabled: False
PAY APP #12	Rogers Fire Station 2 Pay App #12	598,092.45	10/18/2024	449-420-2210-45200-2209	
	Check Total:	598,092.45			
Vendor: lakre	Lake Restoration, Inc.			Check Sequence: 40	ACH Enabled: False
INV054192	POND TREATMENT: Treated On 7-2-24	370.00	10/18/2024	603-496-9495-43100-0000	
	Check Total:	370.00			
Vendor: lanen	Landform Professional Services, LLC			Check Sequence: 41	ACH Enabled: False
35979	Professional Services - Sign Code Update	1,620.80	10/18/2024	100-410-1910-43100-0000	
	Check Total:	1,620.80			
Vendor: lanli	Language Line Services			Check Sequence: 42	ACH Enabled: False
11419826	September Interpreter Services - Spanish Turkish	72.00	10/18/2024	100-420-2100-43100-0000	
	Check Total:	72.00			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: lenfa	Lennar Family of Builders			Check Sequence: 43	ACH Enabled: False
RNC24-000365	Mechanical Surcharge	1.00	10/18/2024	100-000-0000-22020-0000	
RNC24-000365	Admin	200.00	10/18/2024	100-420-2400-32227-0000	
RNC24-000365	Assessor	100.00	10/18/2024	100-410-1550-32228-0000	
RNC24-000365	Plumbing Permit	115.00	10/18/2024	100-420-2400-32222-0000	
RNC24-000365	Drain Tile	75.00	10/18/2024	603-496-9495-34106-0000	
RNC24-000365	Plumbing Permit	50.00	10/18/2024	100-420-2400-32222-0000	
RNC24-000365	Water Fee	3,800.00	10/18/2024	407-430-3300-37150-0000	
RNC24-000365	Furnace/Air/Mechanical	225.00	10/18/2024	100-420-2400-32225-0000	
RNC24-000365	Sewer Permit Fee	62.50	10/18/2024	602-495-9490-37280-0000	
RNC24-000365	Final Lot Inspection	75.00	10/18/2024	100-410-1950-34108-0000	
RNC24-000365	Site Fee	600.00	10/18/2024	100-410-1950-34110-0000	
RNC24-000365	RSAC	4,500.00	10/18/2024	408-430-3330-37270-0000	
RNC24-000365	Warning Siren	100.00	10/18/2024	100-420-2500-32259-0000	
RNC24-000365	Sewer Connection	300.00	10/18/2024	406-430-3121-37250-0000	
RNC24-000365	Surcharge	236.22	10/18/2024	100-000-0000-22020-0000	
RNC24-000365	Water Meter Fee	500.00	10/18/2024	601-494-9440-37170-0000	
RNC24-000365	Building Permit	3,082.55	10/18/2024	100-420-2400-32210-0000	
RNC24-000365	Plumbing Surcharge	1.00	10/18/2024	100-000-0000-22020-0000	
RNC24-000365	Water Permit Fee	62.50	10/18/2024	601-494-9440-37180-0000	
RNC24-000365	Gas Fireplace	100.00	10/18/2024	100-420-2400-32219-0000	
RNC24-000365	Environmental	300.00	10/18/2024	100-410-1950-32217-0000	
	Check Total:	14,485.77			
Vendor: lenfa	Lennar Family of Builders			Check Sequence: 44	ACH Enabled: False
RNC24-000391	Plumbing Permit Fee	10.00	10/18/2024	100-420-2400-32222-0000	
RNC24-000391	Plan Check Fee	356.72	10/18/2024	100-420-2400-32213-0000	
RNC24-000391	Building Permit Fee	548.80	10/18/2024	100-420-2400-32210-0000	
RNC24-000391	Surcharge Fee	49.32	10/18/2024	100-000-0000-22020-0000	
	Check Total:	964.84			
Vendor: lubte	Lubrication Technologies, Inc.			Check Sequence: 45	ACH Enabled: False
3625281	Mobil Delvac 1300 Super 15W-40	1,968.37	10/18/2024	100-000-0000-14150-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	1,968.37			
Vendor: lucli	Luce Line Brewing			Check Sequence: 46	ACH Enabled: False
E-3037	Beer	248.00	10/18/2024	609-497-9760-42520-0000	
E-3037	THC	402.00	10/18/2024	609-497-9760-42535-0000	
	Check Total:	650.00			
Vendor: lyn&mc	Lynde & McLeod, Inc			Check Sequence: 47	ACH Enabled: False
I023241	FORTIFIED BLACK DIRT	210.00	10/18/2024	100-420-2100-42102-0000	
I023253	YARDWASTE ACTIVITY FOR SEPTEMBER	4,732.05	10/18/2024	100-450-5200-43180-0000	
I023262	YARDWASTE SITE RENT BILLING FOR NO'	536.45	10/18/2024	100-450-5200-43180-0000	
	Check Total:	5,478.50			
Vendor: mamun	M Amundson Cigar & Candy Co LLP			Check Sequence: 48	ACH Enabled: True
391281	Shot Glasses Cups & Pourers	75.28	10/18/2024	609-497-9760-42580-0000	
391281	Tobacco	1,404.17	10/18/2024	609-497-9760-42560-0000	
391281	Suckers	16.59	10/18/2024	609-497-9760-42100-0000	
391281	Juice	33.96	10/18/2024	609-497-9760-42540-0000	
	Check Total:	1,530.00			
Vendor: mattri	Matheson Tri-Gas Inc			Check Sequence: 49	ACH Enabled: False
0030329270	Monthly Fee Medical Oxygen - September	193.47	10/18/2024	100-420-2100-42170-0000	
	Check Total:	193.47			
Vendor: cleri	McDonald Distributing Company			Check Sequence: 50	ACH Enabled: True
772148	Beer	136.00	10/18/2024	609-497-9760-42520-0000	
772148	NA	114.50	10/18/2024	609-497-9760-42540-0000	
	Check Total:	250.50			
Vendor: menar	Menards, Inc.			Check Sequence: 51	ACH Enabled: True
38484	CULTIVATOR YW	15.99	10/18/2024	601-494-9440-42105-0000	
38484	CULTIVATOR YW	15.99	10/18/2024	601-494-9440-42105-0000	
	Check Total:	31.98			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: mfsch 13208	MFSCB FAO Pumper & Aerial-FLT Palmer Blake	951.00	10/18/2024	Check Sequence: 52 100-420-2210-44360-0000	ACH Enabled: False
	Check Total:	951.00			
Vendor: midla 9740	Midwest Landscapes Karl Foerster Grass #1	33.95	10/18/2024	Check Sequence: 53 100-430-3000-42102-0000	ACH Enabled: True
9745	Ruby Teadrop Spruce #3-Brockton Meadows Pa	110.85	10/18/2024	404-450-5200-45300-2211	
9745	Karl Foerster Grass #1-Brockton Meadows Park	13.58	10/18/2024	404-450-5200-45300-2211	
	Check Total:	158.38			
Vendor: mncce 2410105	Minnesota Counties Computer Cooperative IT Training	1,100.00	10/18/2024	Check Sequence: 54 100-410-1330-44360-0000	ACH Enabled: False
	Check Total:	1,100.00			
Vendor: minpu #INV025727	Minnesota Pump Works Tech Replaced 2 Stator/liners In Both Pumps	1,029.70	10/18/2024	Check Sequence: 55 602-495-9490-44040-0000	ACH Enabled: False
	Check Total:	1,029.70			
Vendor: schso P33588 P33882	MN Equipment Inc. 41807903405 LOOP HANDLE Saw Blade-A11	26.90 58.99	10/18/2024 10/18/2024	Check Sequence: 56 100-450-5200-42103-0000 100-420-2210-42105-0000	ACH Enabled: True
	Check Total:	85.89			
Vendor: mrcut 6904	MR Cutting Edge, LLC Blade Sharpening	93.00	10/18/2024	Check Sequence: 57 205-450-5205-44040-0000	ACH Enabled: True
	Check Total:	93.00			
Vendor: norde 43972	Northern Dewatering Inc. RENTAL 9-19 TO 10-18 Of Pump Hoses Suction	2,331.00	10/18/2024	Check Sequence: 58 603-496-9495-44100-0000	ACH Enabled: True
	Check Total:	2,331.00			
Vendor: pauso 248401	Paustis & Sons Wine	475.00	10/18/2024	Check Sequence: 59 609-497-9760-42530-0000	ACH Enabled: True

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	475.00			
Vendor: reifo	Performance Food Group			Check Sequence: 60	ACH Enabled: False
304154	Muni Trays Popcorn & Oil	133.85	10/18/2024	609-497-9770-42100-0000	
	Check Total:	133.85			
Vendor: pomti	Pomp's Tire Service Inc.			Check Sequence: 61	ACH Enabled: True
700067862	14 OZ BAG COUNTERACT 014C #40-007	15.00	10/18/2024	602-495-9490-42103-0000	
700067862	385/65R22.5/18 YOK 505C Y120150521-#40-00	736.00	10/18/2024	602-495-9490-42103-0000	
700067862	14 OZ BAG COUNTERACT 014C #40-007	15.00	10/18/2024	601-494-9440-42103-0000	
700067862	385/65R22.5/18 YOK 505C Y120150521-#40-00	736.00	10/18/2024	601-494-9440-42103-0000	
700067900	275/60HR20/XL DENOR LTX MS2 M13647-#6	887.68	10/18/2024	100-420-2100-42103-0000	
700067902	265/60VR17 GY ENFORCER POLICE AW G7	564.00	10/18/2024	100-420-2100-42103-0000	
	Check Total:	2,953.68			
Vendor: repse	Republic Services #899			Check Sequence: 62	ACH Enabled: False
0899-004576438	RWAS Trash September	804.08	10/18/2024	609-497-9760-43840-0000	
0899-004576529	Muni Trash September	457.89	10/18/2024	609-497-9770-43840-0000	
0899-004576571	Refuse-CR Sept '24	255.98	10/18/2024	100-410-1941-43840-0000	
0899-004576571	Refuse-FD Sept '24	28.44	10/18/2024	100-420-2210-43840-0000	
0899-004576646	RAC Garbage And Recycling - October	327.22	10/18/2024	205-450-5205-43840-0000	
0899-004576781	PD Garbage Services - October	234.64	10/18/2024	100-420-2100-43840-0000	
0899-004577063	Event Center Garbage Pickup - September	470.80	10/18/2024	100-410-1941-43100-0000	
	Check Total:	2,579.05			
Vendor: rogpr	Rogers Printing Metro, Inc			Check Sequence: 63	ACH Enabled: True
67097	Ambulance Report Forms	45.50	10/18/2024	100-420-2210-43500-0000	
67126	Crime Victim Information Cards	101.15	10/18/2024	100-420-2100-43500-0000	
	Check Total:	146.65			
Vendor: rogtr	Rogers True Value Hardware Inc			Check Sequence: 64	ACH Enabled: False
28663	DURA 8PK AA Alk Battery	10.99	10/18/2024	100-430-3120-42100-0000	
28663	DURA 4PK D Alk Battery	12.99	10/18/2024	100-430-3120-42100-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	23.98			
Vendor: shiin B18903641	SHI International Corp Server License For New Rhvac Server	306.56	10/18/2024	Check Sequence: 65 100-410-1330-43190-0000	ACH Enabled: True
	Check Total:	306.56			
Vendor: soamy 10.10.24	Amy Solum Mileage Reimbursement 10/10/24	27.87	10/18/2024	Check Sequence: 66 100-410-1520-44360-0000	ACH Enabled: False
	Check Total:	27.87			
Vendor: souwi 2536521	Southern Glazers Wine & Spirits of Minnesota Liquor	5,172.69	10/18/2024	Check Sequence: 67 609-497-9760-42510-0000	ACH Enabled: False
	Check Total:	5,172.69			
Vendor: strei 11722634	Streicher's Inc. 2024 Wellness Allowance - Wilhoite	200.00	10/18/2024	Check Sequence: 68 207-420-2100-42105-0000	ACH Enabled: False
	Check Total:	200.00			
Vendor: surse 12829	Surplus Services / State Of MN Sale Of 2002 Chevrolet Silverado 2500 - PW	5,546.00	10/18/2024	Check Sequence: 69 400-493-9370-39101-0000	ACH Enabled: False
	Check Total:	5,546.00			
Vendor: tdand 182964	T. D. Anderson Inc. Muni Tap Cleaning September	84.00	10/18/2024	Check Sequence: 70 609-497-9770-44010-0000	ACH Enabled: True
	Check Total:	84.00			
Vendor: theam 4849601286	The American Bottling Co. Mix	1,043.23	10/18/2024	Check Sequence: 71 609-497-9760-42540-0000	ACH Enabled: False
	Check Total:	1,043.23			
Vendor: tshwill 1230-4	The Sherwin Williams Co Paint Brushes & Cup	25.30	10/18/2024	Check Sequence: 72 100-410-1941-42102-0000	ACH Enabled: True
	Check Total:	25.30			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: thewi	The Wine Company			Check Sequence: 73	ACH Enabled: False
280960	Wine	291.00	10/18/2024	609-497-9760-42530-0000	
280960	Liquor	622.00	10/18/2024	609-497-9760-42510-0000	
	Check Total:	913.00			
Vendor: urbgr	Urban Growler Brewing Company, LLC			Check Sequence: 74	ACH Enabled: False
E-37805	THC	174.00	10/18/2024	609-497-9760-42535-0000	
E-37805	Beer	166.00	10/18/2024	609-497-9760-42520-0000	
	Check Total:	340.00			
Vendor: verwi	Verizon Wireless Services, LLC			Check Sequence: 75	ACH Enabled: True
9975453499	MOBILE BROADBAND September	35.01	10/18/2024	603-496-9495-43250-0000	
9975453499	MOBILE BROADBAND September	10.01	10/18/2024	601-494-9440-43250-0000	
9975453499	MOBILE BROADBAND September	20.01	10/18/2024	602-495-9490-43250-0000	
9975453499	MOBILE BROADBAND September	10.01	10/18/2024	602-495-9490-43250-0000	
9975453499	MOBILE BROADBAND September	20.00	10/18/2024	601-494-9440-43250-0000	
9975453499	MOBILE BROADBAND September	70.02	10/18/2024	100-430-3000-43250-0000	
	Check Total:	165.06			
Vendor: vikau	Viking Automatic Sprinkler Co.			Check Sequence: 76	ACH Enabled: False
1025-F381183	RWAS Annual Inspection	415.00	10/18/2024	609-497-9760-44010-0000	
	Check Total:	415.00			
Vendor: vinin	Vinocopia Inc			Check Sequence: 77	ACH Enabled: True
0356720-CM	Wine Credit	-50.50	10/18/2024	609-497-9760-42530-0000	
0359423-IN	Wine	640.00	10/18/2024	609-497-9760-42530-0000	
0359423-IN	Liquor	663.25	10/18/2024	609-497-9760-42510-0000	
0359618-IN	Liquor	363.25	10/18/2024	609-497-9760-42510-0000	
	Check Total:	1,616.00			
Vendor: grain	W.W. Grainger, Inc.			Check Sequence: 78	ACH Enabled: True
9274918540	471F72 FLOAT VALVEMNPT CONNECTION	22.74	10/18/2024	100-430-3000-42103-0000	
9274918540	48RJ91 FLOAT VALVE3/4 IN.PIPEBRASSMN	34.39	10/18/2024	100-430-3000-42103-0000	
9275901800	3VK11 FLUORESCENT32 WT8MEDIUM BL-I	175.68	10/18/2024	100-430-3000-42102-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	232.81			
Vendor: webal 13598-17189	Webaloo LLC Communications Consultant 9/30/24 - 10/6/24	130.00	10/18/2024	Check Sequence: 79 100-410-1325-43100-0000	ACH Enabled: True
	Check Total:	130.00			
Vendor: thore 850865693	West Publishing Corporation September Online Investigations Services	323.00	10/18/2024	Check Sequence: 80 100-420-2100-43100-0000	ACH Enabled: False
	Check Total:	323.00			
Vendor: browh 10020668210	White Cap RENTAL: PATCHER II 56700 CRAFCO	3,375.00	10/18/2024	Check Sequence: 81 100-430-3120-44100-0000	ACH Enabled: True
	Check Total:	3,375.00			
Vendor: wruse 124741	Wruck Sewer & Portable Rental Porta Potty Rental For Parks	954.08	10/18/2024	Check Sequence: 82 100-450-5200-43100-0000	ACH Enabled: False
	Check Total:	954.08			
Vendor: xcele 51-6752987-1	Xcel Energy Muni Electric September	1,157.80	10/18/2024	Check Sequence: 83 609-497-9770-43810-0000	ACH Enabled: False
	Check Total:	1,157.80			
	Total for Check Run:	879,189.63			
	Total of Number of Checks:	83			

Accounts Payable

Computer Check Proof List by Vendor

User: mrathlisberger@rogersmn.gov
Printed: 10/25/2024 - 8:59AM
Batch: 00005.10.2024



Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: tenku 102505	10K Custom Lettering Muni Sweatshirts	3,780.00	10/25/2024	Check Sequence: 1 609-497-9770-42580-0000	ACH Enabled: False
	Check Total:	3,780.00			
Vendor: jofit 22-044023	2nd Wind Exercise Equipment Inc Station 2 Gym Equip	31,520.97	10/25/2024	Check Sequence: 2 449-420-2210-45200-2209	ACH Enabled: True
	Check Total:	31,520.97			
Vendor: adain 4007912	Adam's Pest Control Inc Commercial Pest Control 10/1/24	98.00	10/25/2024	Check Sequence: 3 100-410-1941-43100-0000	ACH Enabled: True
	Check Total:	98.00			
Vendor: airgas 5510802915	Airgas Inc Industrial Small Acetylene	60.02	10/25/2024	Check Sequence: 4 100-430-3000-42160-0000	ACH Enabled: False
	Check Total:	60.02			
Vendor: amerp 145464	American Pressure Inc One Restore 5 Gallons - For Splashpad	174.50	10/25/2024	Check Sequence: 5 100-450-5200-42160-0000	ACH Enabled: True
	Check Total:	174.50			
Vendor: ancso City Hall PW 20 City Hall PW 20 N. Comm. Park 3 PD 20 PD 20 #2	Anchor Solar Investments, LLC City Hall Solar PPA - November PW Solar PPA - November NCP Solar PPA - November PD Solar PPA - November PD Solar PPA - November	59.60 139.05 413.12 198.65 193.65	10/25/2024 10/25/2024 10/25/2024 10/25/2024 10/25/2024	Check Sequence: 6 100-410-1940-43810-0000 100-430-3000-43810-0000 100-450-5200-43810-0000 100-420-2100-43810-0000 100-420-2100-43810-0000	ACH Enabled: True

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
RAC 20	RAC Solar PPA - November	198.65	10/25/2024	205-450-5205-43810-0000	
	Check Total:	1,202.72			
Vendor: andenmn 23123	Anderson Engineering of Minnesota, LLC NORTH COMMUNITY PARK Playground Con:	184.00	10/25/2024	Check Sequence: 7 404-450-5200-43030-0000	ACH Enabled: False
	Check Total:	184.00			
Vendor: belco 0109021100 0205460800 0205460800 0205460800	Bellboy Corporation Mix Wine Liquor THC	132.55 346.00 901.54 2,052.15	10/25/2024 10/25/2024 10/25/2024 10/25/2024	Check Sequence: 8 609-497-9760-42540-0000 609-497-9760-42530-0000 609-497-9760-42510-0000 609-497-9760-42535-0000	ACH Enabled: True
	Check Total:	3,432.24			
Vendor: bolme 0347389	Bolton & Menk Inc Rogers/129th Ave Reconstruction Phase 2	26,410.32	10/25/2024	Check Sequence: 9 402-430-3121-43030-2403	ACH Enabled: True
	Check Total:	26,410.32			
Vendor: boytr 093P22613 093P22613 093P22613	Boyer Ford Trucks, Inc. RK8354707Q KIT MERITOR EXT SVC-#40-00 CLASS07-C 4707Q SHOE PAIR CORE-#40-00 ABP N42A1657VB 16.5X7 VALUE BALANCE	133.54 93.44 219.54	10/25/2024 10/25/2024 10/25/2024	Check Sequence: 10 100-430-3120-42103-0000 100-430-3120-42103-0000 100-430-3120-42103-0000	ACH Enabled: True
	Check Total:	446.52			
Vendor: Wirbe 118114820 118114820 118215457 118215457	BreakThru Beverage Minnesota Wine & Sprirts Mix Liquor Liquor Wine	203.19 4,075.75 4,551.24 941.05	10/25/2024 10/25/2024 10/25/2024 10/25/2024	Check Sequence: 11 609-497-9760-42540-0000 609-497-9760-42510-0000 609-497-9760-42510-0000 609-497-9760-42530-0000	ACH Enabled: True
	Check Total:	9,771.23			
Vendor: bcabss 37579	Bureau of Criminal Apprehension BCA Training	300.00	10/25/2024	Check Sequence: 12 100-410-1330-44360-0000	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	300.00			
Vendor: cabcl	Cable Cloud			Check Sequence: 13	ACH Enabled: True
CC26003	Cablings For TVs - Kitchen Room Remodel	941.75	10/25/2024	206-420-2100-45200-0000	
	Check Total:	941.75			
Vendor: capbe	Capitol Beverage			Check Sequence: 14	ACH Enabled: True
3049816	Beer Credit	-26.87	10/25/2024	609-497-9760-42520-0000	
3049845	Beer	5,605.00	10/25/2024	609-497-9760-42520-0000	
3049845	THC	76.00	10/25/2024	609-497-9760-42535-0000	
3049845	Liquor	92.80	10/25/2024	609-497-9760-42510-0000	
3049845	NA/Pop	230.75	10/25/2024	609-497-9760-42540-0000	
3050188	Muni Offsale	113.50	10/25/2024	609-497-9770-42521-0000	
3050188	Muni Bar Mix	64.00	10/25/2024	609-497-9770-42540-0000	
3050188	Muni Bar Beer	730.50	10/25/2024	609-497-9770-42520-0000	
	Check Total:	6,885.68			
Vendor: cdwgo	CDW Government			Check Sequence: 15	ACH Enabled: False
AB13M9L	Antivirus Software Renewal - Trend Micro	1,127.40	10/25/2024	100-410-1330-43190-0000	
	Check Total:	1,127.40			
Vendor: cenen	CenterPoint Energy Resources Corp.			Check Sequence: 16	ACH Enabled: False
13756829-1	Temp Gas Service At FD II September	2,342.73	10/25/2024	449-420-2210-44310-2209	
	Check Total:	2,342.73			
Vendor: cenhy	Central Hydraulics, Inc.			Check Sequence: 17	ACH Enabled: True
00629050	487TC-16-RL 1"-18752 CC-4000 PSI-JD 6430	149.13	10/25/2024	100-430-3120-42103-0000	
00629050	11743-20-16 43-CODE 61 FL-45-JD 6430	74.53	10/25/2024	100-430-3120-42103-0000	
00629050	13743-16-16 43-F-S-JIC 37-45-JD6430	65.48	10/25/2024	100-430-3120-42103-0000	
	Check Total:	289.14			
Vendor: cinco	Cintas Corporation			Check Sequence: 18	ACH Enabled: True
4207765026	Community Room Floor Mats 10/9/24	8.86	10/25/2024	100-410-1941-44060-0000	
4208481574	Uniform - Janitorial 10/16/24	2.24	10/25/2024	100-410-1940-44060-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
4208481574	Uniform - WTR 10/16/24	6.02	10/25/2024	601-494-9440-42180-0000	
4208481574	Uniform - SWR 10/16/24	6.02	10/25/2024	602-495-9490-42180-0000	
4208481574	Uniform - PW 10/16/24	24.85	10/25/2024	100-430-3000-42180-0000	
4208481574	Uniform - Gen'l. Gov't. Bldgs. 10/16/24	2.95	10/25/2024	100-410-1940-42180-0000	
4208481574	Uniform - PK 10/16/24	14.73	10/25/2024	100-450-5200-42180-0000	
4208486063	Muni Mats 10/16/24	99.39	10/25/2024	609-497-9770-43100-0000	
	Check Total:	165.06			
Vendor: crrin	Crow River News			Check Sequence: 19	ACH Enabled: False
CRW-1030790	Crow River News Annual Subscription.	104.60	10/25/2024	100-430-3000-44330-0000	
	Check Total:	104.60			
Vendor: cusco	Customer Contact Services			Check Sequence: 20	ACH Enabled: True
4388-101524	Sept & Oct Answering Service	138.50	10/25/2024	602-495-9490-43100-0000	
4388-101524	Sept & Oct Answering Service	138.50	10/25/2024	601-494-9440-43100-0000	
	Check Total:	277.00			
Vendor: dahdi	Dahlheimer Distributing Co.			Check Sequence: 21	ACH Enabled: True
2309864	Pop/Mix	167.20	10/25/2024	609-497-9760-42540-0000	
2309864	Beer	1,036.25	10/25/2024	609-497-9760-42520-0000	
	Check Total:	1,203.45			
Vendor: dehtr	Dehn Tree Company, Inc.			Check Sequence: 22	ACH Enabled: False
2602	Cut 5 Dead Trees-DRAINAGE DITCH/CREEK	2,111.98	10/25/2024	100-450-5200-43180-0000	
	Check Total:	2,111.98			
Vendor: delde	Delta Dental of Minnesota			Check Sequence: 23	ACH Enabled: False
CNS0001680182	November EE Paid Dental Insurance	3,764.64	10/25/2024	100-000-0000-21707-0000	
	Check Total:	3,764.64			
Vendor: cldis	Dick Family Inc.			Check Sequence: 24	ACH Enabled: True
1996814	THC	630.00	10/25/2024	609-497-9760-42535-0000	
1996814	Beer	366.90	10/25/2024	609-497-9760-42520-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	996.90			
Vendor: douke	Douglas-Kerr Underground LLC			Check Sequence: 25	ACH Enabled: False
Pay App #2	PAY APP #2 - 129th Avenue Reconstruction Proj	465,888.01	10/25/2024	402-430-3121-45300-2403	
	Check Total:	465,888.01			
Vendor: dunham	Dunham			Check Sequence: 26	ACH Enabled: False
20252814	Work On Rogers Fire Station II	620.00	10/25/2024	449-420-2210-43030-2209	
	Check Total:	620.00			
Vendor: facmo	Elliot Auto Supply Co, Inc.			Check Sequence: 27	ACH Enabled: False
128-203224	DEL 15-11125 OUTLET ASM-W/PM - FD Squa	58.75	10/25/2024	100-420-2210-42103-0000	
128-203224	DEL 213-4333 Engine Coolant - FD Squad 3	28.75	10/25/2024	100-420-2210-42103-0000	
	Check Total:	87.50			
Vendor: first	First State Tire Disposal Inc.			Check Sequence: 28	ACH Enabled: False
122120	Tire Recycling	570.36	10/25/2024	100-430-3000-42103-0000	
122120	Tire Recycling	354.21	10/25/2024	100-430-3245-43865-0000	
122120	Tire Recycling	10.00	10/25/2024	100-450-5200-42103-0000	
122120	Tire Recycling	220.36	10/25/2024	100-420-2100-42103-0000	
	Check Total:	1,154.93			
Vendor: flepr	FleetPride			Check Sequence: 29	ACH Enabled: False
120291195	620 PPG500ZPK PP HD U-BOLT 5IN GTINE R	25.38	10/25/2024	100-420-2210-42103-0000	
120291195	160 OTRUN100 MUFFLER HANGER UNIV S	53.58	10/25/2024	100-420-2210-42103-0000	
120291195	160 OTR-CN5150 CONNECTORS 5 IN ALMZ	31.58	10/25/2024	100-420-2210-42103-0000	
	Check Total:	110.54			
Vendor: marso	Marc Frederickson			Check Sequence: 30	ACH Enabled: False
1932	RAC Softener Salt	365.70	10/25/2024	205-450-5205-43820-0000	
	Check Total:	365.70			
Vendor: grabe	Grape Beginnings, Inc.			Check Sequence: 31	ACH Enabled: False
MN00155519	Wine	1,246.00	10/25/2024	609-497-9760-42530-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	1,246.00			
Vendor: guape	Guardian Pest Solutions, Inc.			Check Sequence: 32	ACH Enabled: False
2611054	Hassan Town Tall Pest Control October 2024	33.60	10/25/2024	100-410-1940-43100-0000	
2612551	Commercial Pest Control October	37.80	10/25/2024	100-430-3000-43140-0000	
2612551	Commercial Pest Control October	16.20	10/25/2024	100-410-1940-43140-0000	
	Check Total:	87.60			
Vendor: hassa	Hassan Sand & Gravel, Inc.			Check Sequence: 33	ACH Enabled: True
181985	FILL SAND SCREENED DELIVERED	8,317.75	10/25/2024	410-450-5200-45300-2104	
	Check Total:	8,317.75			
Vendor: hawch	Hawkins Inc.			Check Sequence: 34	ACH Enabled: False
6888749	Chlorine Cylinders	50.00	10/25/2024	601-494-9440-42160-0000	
6892913	Chlorine & LPC-5	7,979.32	10/25/2024	601-494-9440-42160-0000	
	Check Total:	8,029.32			
Vendor: hohen	Hohensteins Inc			Check Sequence: 35	ACH Enabled: False
762355	Beer	76.50	10/25/2024	609-497-9760-42520-0000	
762355	Mix	27.00	10/25/2024	609-497-9760-42540-0000	
762355	THC	225.00	10/25/2024	609-497-9760-42535-0000	
	Check Total:	328.50			
Vendor: impda	Imperial Dade			Check Sequence: 36	ACH Enabled: False
4297437	12 CA FOAM SENSOR DSP W BTTL SILV	2,160.00	10/25/2024	449-420-2210-45200-2209	
	Check Total:	2,160.00			
Vendor: johbr	Johnson Brothers Liquor Co.			Check Sequence: 37	ACH Enabled: False
2639478	Liquor	1,075.30	10/25/2024	609-497-9760-42510-0000	
2639479	Wine	1,386.88	10/25/2024	609-497-9760-42530-0000	
2645115	Wine	2,657.75	10/25/2024	609-497-9760-42530-0000	
2646073	Liquor	0.44	10/25/2024	609-497-9760-42510-0000	
2646074	Wine	87.75	10/25/2024	609-497-9760-42530-0000	
2646075	Liquor	815.32	10/25/2024	609-497-9760-42510-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
2646114	Liquor	684.25	10/25/2024	609-497-9760-42510-0000	
2646116	Liquor	3,528.88	10/25/2024	609-497-9760-42510-0000	
3719546	Beer	55.40	10/25/2024	609-497-9760-42520-0000	
3719547	THC	1,004.25	10/25/2024	609-497-9760-42535-0000	
6864451	Muni Bar Liquor	2,280.70	10/25/2024	609-497-9770-42510-0000	
6864452	Muni Bar Wine	104.31	10/25/2024	609-497-9770-42530-0000	
6864474	Liquor	2,307.15	10/25/2024	609-497-9760-42510-0000	
6864475	Wine	790.10	10/25/2024	609-497-9760-42530-0000	
6864476	Mix/NA	257.25	10/25/2024	609-497-9760-42540-0000	
	Check Total:	17,035.73			
Vendor: shagr	Kelbro Company			Check Sequence: 38	ACH Enabled: False
3080262	Muni Bar Mix	160.70	10/25/2024	609-497-9770-42540-0000	
	Check Total:	160.70			
Vendor: kengr	Kennedy & Graven, Chartered			Check Sequence: 39	ACH Enabled: False
RG135-00001	Veit IUP September 2024	212.75	10/25/2024	100-410-1325-43040-8150	
RG135-00001	General Municipal Matters September 2024	1,865.75	10/25/2024	100-410-1325-43040-0000	
RG135-00016	Fletcher Bypass MQP September 2024	120.25	10/25/2024	402-430-3121-43040-1409	
RG135-00016	Fletcher Bypass MQP September 2024	120.25	10/25/2024	402-000-0000-10100-0000	
RG135-00016	Fletcher Bypass MQP September 2024	-120.25	10/25/2024	402-000-0000-10100-5000	
RG135-00056	Cable Franchises September 2024	185.00	10/25/2024	100-410-1325-43040-0000	
RG135-00096	2024 City Council Meetings September 2024	555.00	10/25/2024	100-410-1325-43040-8150	
RG135-00097	Stieg Woods September 2024	164.50	10/25/2024	404-450-5200-43040-2303	
RG135-00098	Xcel Electric Franchise & Fee Ordinance Sept 2024	100.00	10/25/2024	100-410-1325-43040-0000	
RG135-00106	Garbage Haulers Matter September 2024	500.00	10/25/2024	100-410-1325-43040-0000	
RG135-00109	Sale Of Rogers Muni Bar To Craft & Crew Sept 2024	330.00	10/25/2024	609-497-9770-43040-0000	
RG135-00112	Northland Addition (Cote Property) September 2024	666.00	10/25/2024	100-410-1325-43040-8150	
RG135-00113	Fletcher Bypass Matter September 2024	2,085.50	10/25/2024	402-000-0000-10100-0000	
RG135-00113	Fletcher Bypass Matter September 2024	-2,085.50	10/25/2024	402-000-0000-10100-5000	
RG135-00113	Fletcher Bypass Matter September 2024	2,085.50	10/25/2024	402-430-3121-43040-1409	
	Check Total:	6,784.75			
Vendor: kollo	Lori Ann Kolstad			Check Sequence: 40	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
660755	Damage Deposit Refund - Kim Kolstad Wedding	500.00	10/25/2024	100-000-0000-22000-0000	
	Check Total:	500.00			
Vendor: konin	KONE Inc			Check Sequence: 41	ACH Enabled: False
871478393	PD Elevator Maintenance - October	156.07	10/25/2024	100-420-2100-44010-0000	
	Check Total:	156.07			
Vendor: maceq	MacQueen Equipment, Inc.			Check Sequence: 42	ACH Enabled: True
W06425	E22-Bumper	7,584.63	10/25/2024	100-420-2210-44040-0000	
	Check Total:	7,584.63			
Vendor: menar	Menards, Inc.			Check Sequence: 43	ACH Enabled: True
38674	5512837 RO SR HAMMERED PAINT BRN	23.47	10/25/2024	100-420-2100-42102-0000	
38674	6489045 HAND & NAIL BRUSH	2.69	10/25/2024	100-420-2100-42102-0000	
38800	7098903 GROUT SCRUBBING SPONGE 5.98	5.98	10/25/2024	100-420-2100-42102-0000	
38800	5512838 RO SR HAMMERED PAINT CPPR	23.47	10/25/2024	100-420-2100-42102-0000	
38800	5611700 5PK PAINT BRUSH SET	9.98	10/25/2024	100-410-1940-42100-0000	
	Check Total:	65.59			
Vendor: mette	Metro Tent Rental, Inc			Check Sequence: 44	ACH Enabled: False
10126	Muni Tent/Stage Rental - Event 10/19/24	1,774.00	10/25/2024	609-497-9770-43100-0000	
	Check Total:	1,774.00			
Vendor: mndot	Minn. Dept. of Transportation			Check Sequence: 45	ACH Enabled: False
P00019216	129th Ave Reconstruction - Material Testing & I	401.24	10/25/2024	402-430-3121-43030-2403	
	Check Total:	401.24			
Vendor: mmba	Minn. Municipal Beverage Assoc			Check Sequence: 46	ACH Enabled: False
2024	RWAS-MMBA Dues July-Dec 2024	1,350.00	10/25/2024	609-497-9760-44330-0000	
2024	RWAS-MMBA Dues Jan-July 2025	1,350.00	10/25/2024	609-000-0000-15500-0000	
	Check Total:	2,700.00			
Vendor: minco	Minnesota Dept of Commerce			Check Sequence: 47	ACH Enabled: False
2024	Unclaimed Property - Wilbur Winkelman	20.04	10/25/2024	601-000-0000-20200-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
2024	Unclaimed Property - Ryan Benzinger	26.70	10/25/2024	601-000-0000-20200-0000	
2024	Unclaimed Property - Kevin & Suwana Kirkland	34.82	10/25/2024	601-000-0000-20200-0000	
2024	Unclaimed Property - LAO Temple	600.00	10/25/2024	100-410-1941-99999-0000	
2024	Unclaimed Property - Community Contractors	1,850.00	10/25/2024	100-000-0000-22040-0000	
2024	Unclaimed Property - Phyllis Weber	56.90	10/25/2024	601-000-0000-20200-0000	
	Check Total:	2,588.46			
Vendor: minui 07980311	Minnesota UI Fund 3rd Qtr 2024 Unemployment	17.83	10/25/2024	Check Sequence: 48 100-450-5200-41030-0000	ACH Enabled: False
	Check Total:	17.83			
Vendor: napa 364688	NAPA Auto Parts ENGINE OIL FILTER	4.97	10/25/2024	Check Sequence: 49 100-420-2100-42103-0000	ACH Enabled: False
	Check Total:	4.97			
Vendor: pauso 249461	Paustis & Sons Wine	1,133.50	10/25/2024	Check Sequence: 50 609-497-9760-42530-0000	ACH Enabled: True
	Check Total:	1,133.50			
Vendor: reiin 3405710-00	Reinders, Inc 21-0-21 75% Stabilized N 2% Fertilizer	4,300.00	10/25/2024	Check Sequence: 51 100-450-5200-42100-0000	ACH Enabled: True
	Check Total:	4,300.00			
Vendor: tragr 302894	RFS Enterprises Inc Tower 21 Graphics	358.16	10/25/2024	Check Sequence: 52 100-420-2210-44040-0000	ACH Enabled: True
	Check Total:	358.16			
Vendor: rogtr 28674	Rogers True Value Hardware Inc 3/4" BLK RH Coupling	2.99	10/25/2024	Check Sequence: 53 100-420-2100-42102-0000	ACH Enabled: False
	Check Total:	2.99			
Vendor: rooda Muni 10/26/2024	David Rooks Muni Entertainment 10/26/2024	400.00	10/25/2024	Check Sequence: 54 609-497-9770-43430-0000	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	400.00			
Vendor: adson 1280	Myron Daniel Russell Jr. Board Cleaning & Seal	700.00	10/25/2024	Check Sequence: 55 205-450-5205-43140-0000	ACH Enabled: False
	Check Total:	700.00			
Vendor: scrin AW14085	SCR Inc St Cloud Install And Program New Controller For Compr	4,690.16	10/25/2024	Check Sequence: 56 205-450-5205-44040-0000	ACH Enabled: False
	Check Total:	4,690.16			
Vendor: souwi 2539495	Southern Glazers Wine & Spirits of Minnesota Liquor	7,835.72	10/25/2024	Check Sequence: 57 609-497-9760-42510-0000	ACH Enabled: False
2539496	Liquor	306.41	10/25/2024	609-497-9760-42510-0000	
2539497	Wine	4,735.47	10/25/2024	609-497-9760-42530-0000	
2542364	Liquor	3,811.18	10/25/2024	609-497-9760-42510-0000	
2542365	Wine	428.45	10/25/2024	609-497-9760-42530-0000	
5116616	Liquor	1,656.40	10/25/2024	609-497-9760-42510-0000	
5116617	Liquor	160.60	10/25/2024	609-497-9760-42510-0000	
	Check Total:	18,934.23			
Vendor: srfeo 15701.00 - 15	SRF Consulting Group Inc. Pedestrian Bridge Over I-94	23,508.06	10/25/2024	Check Sequence: 58 410-450-5300-43030-1711	ACH Enabled: True
	Check Total:	23,508.06			
Vendor: carbu 113486	Tegrete Muni Cleaning October	1,533.75	10/25/2024	Check Sequence: 59 609-497-9770-44060-0000	ACH Enabled: True
	Check Total:	1,533.75			
Vendor: terge Pay App #10	Terra General Contractors, LLC Pay App #10 Const. Serv. - Material	56,375.09	10/25/2024	Check Sequence: 60 410-450-5200-45300-2104	ACH Enabled: True
Pay App #10	Pay App #10 Const. Services - Labor	294,089.76	10/25/2024	410-450-5200-45300-2104	
	Check Total:	350,464.85			
Vendor: onene	theipguys.net LLC			Check Sequence: 61	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
0-507050	RWAS Internet November	167.54	10/25/2024	609-497-9760-43250-0000	
D-506949	Muni Internet November	167.64	10/25/2024	609-497-9770-43250-0000	
D-507041	Monthly Fiber Data 8X8 & Analog Services Nov	988.80	10/25/2024	100-410-1330-43250-0000	
	Check Total:	1,323.98			
Vendor: veidi	Veit Disposal Systems Inc.			Check Sequence: 62	ACH Enabled: False
240213-1	13017 Main St - Former Holiday Gas Station	15,276.50	10/25/2024	450-465-6500-45100-2304	
240213-1	13009 Main St - Triplex Property	15,276.50	10/25/2024	450-465-6500-45100-2304	
	Check Total:	30,553.00			
Vendor: verwi	Verizon Wireless Services, LLC			Check Sequence: 63	ACH Enabled: True
9975453497	PD September Verizon Bill	1,605.47	10/25/2024	100-420-2100-43250-0000	
9975453498	Verizon-FD-Sept '24	570.16	10/25/2024	100-420-2210-43210-0000	
9975453500	NCP Concessions iPad - September	40.01	10/25/2024	100-450-5120-43250-0000	
	Check Total:	2,215.64			
Vendor: vinin	Vinocopia Inc			Check Sequence: 64	ACH Enabled: True
0360527-IN	Muni Bar Liquor	331.50	10/25/2024	609-497-9770-42510-0000	
	Check Total:	331.50			
Vendor: grain	W.W. Grainger, Inc.			Check Sequence: 65	ACH Enabled: True
9273169905	2UKJ5 SEALED LEAD ACID BATTERY12VD	144.96	10/25/2024	100-420-2100-42102-0000	
9273169905	2UKJ5 SEALED LEAD ACID BATTERY12VD	24.16	10/25/2024	100-410-1940-42102-0000	
9273169905	2UKJ5 SEALED LEAD ACID BATTERY12VD	72.48	10/25/2024	100-420-2210-42102-0000	
9273169905	2UKJ5 SEALED LEAD ACID BATTERY12VD	72.48	10/25/2024	205-450-5205-42102-0000	
9273169905	2UKJ5 SEALED LEAD ACID BATTERY12VD	72.48	10/25/2024	100-410-1941-42102-0000	
9273169905	2UKJ5 SEALED LEAD ACID BATTERY12VD	72.48	10/25/2024	100-450-5200-42102-0000	
9273169905	2UKJ5 SEALED LEAD ACID BATTERY12VD	144.96	10/25/2024	100-430-3000-42102-0000	
9283280890	20JN47 PRESSURE GAUGE 0 TO 200 PSI2-1/2	33.41	10/25/2024	100-450-5200-42104-0000	
9286825469	804TM5 PACKAGED TERMINAL HEAT PUM	1,373.46	10/25/2024	601-494-9440-42102-0000	
	Check Total:	2,010.87			
Vendor: watco	Watson Company			Check Sequence: 66	ACH Enabled: True
145454	RAC Concession Supplies	934.09	10/25/2024	205-450-5205-42550-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	934.09			
Vendor: weswh 953011	Westside Wholesale Tire & Supply CAS 18242 18X8.50X10/4 CARLISLE MULTI	88.99	10/25/2024	Check Sequence: 67 100-450-5200-42103-0000	ACH Enabled: True
	Check Total:	88.99			
Vendor: wolmi 649493	Mikki Wolters Damage Deposit Refund - Mikki Wolters Weddir	500.00	10/25/2024	Check Sequence: 68 100-000-0000-22000-0000	ACH Enabled: False
	Check Total:	500.00			
Vendor: xcele 51-0014705272-9	Xcel Energy Temp Electrical Service At FD II September	309.14	10/25/2024	Check Sequence: 69 449-420-2210-44310-2209	ACH Enabled: False
	Check Total:	309.14			
Vendor: xcele 51-6488907-4	Xcel Energy TOWERS & WELLS ELECTRIC SERVICE Sep	19,839.05	10/25/2024	Check Sequence: 70 601-494-9440-43810-0000	ACH Enabled: False
	Check Total:	19,839.05			
Vendor: xcele 51-6488908-5	Xcel Energy LIFTSTATIONS September	2,214.92	10/25/2024	Check Sequence: 71 602-495-9490-43810-0000	ACH Enabled: False
	Check Total:	2,214.92			
Vendor: xcele 51-6488909-6	Xcel Energy NCP - 13750 BITTERSWEET DR September	1,720.17	10/25/2024	Check Sequence: 72 100-450-5200-43810-0000	ACH Enabled: False
51-6488909-6	TRIANGLE PARK/VETERAN'S MEML. - 127	41.66	10/25/2024	100-450-5200-43810-0000	
51-6488909-6	RESERVOIR FIELDS IRRIGATION September	439.20	10/25/2024	100-450-5200-43810-0000	
51-6488909-6	LYNCH PARK - 21901 137TH AVE. N Septemb	250.48	10/25/2024	100-450-5200-43810-0000	
51-6488909-6	ROGERS MIDDLE SCHOOL FIELDS - 20859	726.12	10/25/2024	100-450-5200-43810-0000	
51-6488909-6	Non -Recurring Credits September	-0.38	10/25/2024	100-450-5200-43810-0000	
51-6488909-6	13850 BITTERSWEET LANE September	131.91	10/25/2024	100-450-5200-43810-0000	
51-6488909-6	SCP-12475 Main St September	318.16	10/25/2024	100-450-5200-43810-0000	
51-6488909-6	LION'S SPLASH PAD September	139.43	10/25/2024	100-450-5200-43810-0000	
	Check Total:	3,766.75			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: xcele	Xcel Energy			Check Sequence: 73	ACH Enabled: False
51-6488910-9	Community Rm-21201 Memorial Dr September	-527.68	10/25/2024	100-410-1941-43810-0000	
51-6488910-9	City Hall-22350 S. Diamond Lk. Rd September	-267.02	10/25/2024	100-410-1940-43810-0000	
51-6488910-9	Fire Dept.-21201 Memorial Dr September	-414.60	10/25/2024	100-420-2210-43810-0000	
51-6488910-9	Event Center-12716 Main St September	1,732.99	10/25/2024	100-410-1941-43810-0000	
51-6488910-9	Vacant City Bldg.-12909 Main St September	20.54	10/25/2024	100-410-1940-43810-0000	
51-6488910-9	Non-Recurring Charge - Setup Fee - Boyer Bldg	16.45	10/25/2024	100-410-1940-43810-0000	
51-6488910-9	Police Dept. - 21860 Industrial Blvd September	-1,048.55	10/25/2024	100-420-2100-43810-0000	
51-6488910-9	Sr. Center-12913 Main St September	153.66	10/25/2024	100-450-5186-43810-0000	
51-6488910-9	Boyer -21701 Industrial Blvd September	930.16	10/25/2024	100-410-1940-43810-0000	
51-6488910-9	Public Works-22350 S. Diamond Lk. Rd Septem	-623.07	10/25/2024	100-430-3000-43810-0000	
51-6488910-9	Hassan Town Hall-25000 Hassan Pkwy Septemb	75.27	10/25/2024	100-410-1940-43810-0000	
51-6488910-9	Civic Storage Bldg.-21195 Memorial Dr Security	17.73	10/25/2024	100-410-1940-43810-0000	
51-6488910-9	Civic Storage Bldg.-21195 Memorial Dr. Septem	35.26	10/25/2024	100-410-1940-43810-0000	
	Check Total:	101.14			
Vendor: xcele	Xcel Energy			Check Sequence: 74	ACH Enabled: False
51-6488911-0	Traffic Signals September	168.97	10/25/2024	100-430-3120-43170-0000	
	Check Total:	168.97			
Vendor: yalme	Yale Mechanical, LLC			Check Sequence: 75	ACH Enabled: True
261184	PW Upgraded Compass & Installed New Visio S	4,559.80	10/25/2024	100-430-3000-43190-0000	
261184	CH Upgraded Compass & Installed New Visio S	1,954.20	10/25/2024	100-410-1940-44010-0000	
	Check Total:	6,514.00			
	Total for Check Run:	1,102,658.41			
	Total of Number of Checks:	75			

Accounts Payable

Computer Check Proof List by Vendor

User: mrathlisberger@rogersmn.gov
Printed: 10/31/2024 - 12:43PM
Batch: 00001.11.2024



Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: ajfli 10252024	A Journey For Life Inc Office Visit - 8/5/24 8/14/24 & 10/22/24	525.00	11/01/2024	Check Sequence: 1 100-420-2100-43140-0000	ACH Enabled: False
	Check Total:	525.00			
Vendor: aspmi 341305	Aspen Mills Uniforms - Reserve Officer Steele	435.34	11/01/2024	Check Sequence: 2 100-420-2100-42180-0000	ACH Enabled: False
341410	Duty Pants-Beach	79.99	11/01/2024	100-420-2210-42180-0000	
	Check Total:	515.33			
Vendor: boutr 85513336	Bound Tree Medical, LLC Medical Supplies	2,739.60	11/01/2024	Check Sequence: 3 100-420-2210-42170-0000	ACH Enabled: False
	Check Total:	2,739.60			
Vendor: bouim 211633	Bourget Imports LLC Wine	325.50	11/01/2024	Check Sequence: 4 609-497-9760-42530-0000	ACH Enabled: True
	Check Total:	325.50			
Vendor: brain B401841	Braun Intertec Corporation Add'l Soil Samples 21701 Ind Blvd-13013/13015	4,022.00	11/01/2024	Check Sequence: 5 450-465-6500-43030-2304	ACH Enabled: False
	Check Total:	4,022.00			
Vendor: callto 202178261	CallTower Inc Monthly Phone Service October	1,636.09	11/01/2024	Check Sequence: 6 100-410-1330-43250-0000	ACH Enabled: True
	Check Total:	1,636.09			
Vendor: capbe 3052982	Capitol Beverage NA	31.15	11/01/2024	Check Sequence: 7 609-497-9760-42540-0000	ACH Enabled: True

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
3052982	Liquor	1,122.00	11/01/2024	609-497-9760-42510-0000	
3052982	Beer	2,794.65	11/01/2024	609-497-9760-42520-0000	
	Check Total:	3,947.80			
Vendor: cdwgo	CDW Government			Check Sequence: 8	ACH Enabled: False
AB1SY1H	RWAS - For Cable Project	106.10	11/01/2024	609-497-9760-44010-0000	
AB1ZP5X	RWAS - For Cable Project	3,143.55	11/01/2024	609-497-9760-44010-0000	
AB2EA5X	Network Rack- FS 1 Cable Project	582.77	11/01/2024	400-000-0000-10100-0000	
AB2EA5X	Network Rack- FS 1 Cable Project	-582.77	11/01/2024	400-000-0000-10100-4005	
AB2EA5X	Network Rack- FS 1 Cable Project	582.77	11/01/2024	400-410-1330-43190-0000	
AB2K29J	RWAS - Cable Project	817.78	11/01/2024	609-497-9760-44010-0000	
	Check Total:	4,650.20			
Vendor: embpw	Century Link			Check Sequence: 9	ACH Enabled: False
8800443735	TELEPHONE SERVICE - RAC October	193.16	11/01/2024	205-450-5205-43210-0000	
8800443735	TELEPHONE SERVICE - SWR October	55.39	11/01/2024	602-495-9490-43210-0000	
8800443735	TELEPHONE SERVICE - WTR October	61.74	11/01/2024	601-494-9440-43210-0000	
8800443735	TELEPHONE SERVICE - PW October	239.01	11/01/2024	100-430-3000-43210-0000	
	Check Total:	549.30			
Vendor: berbe	Chas. A. Bernick, Inc.			Check Sequence: 10	ACH Enabled: False
10278738	THC	225.50	11/01/2024	609-497-9760-42535-0000	
10278739	Beer	1,719.10	11/01/2024	609-497-9760-42520-0000	
10278740	Beer Credit	-180.00	11/01/2024	609-497-9760-42520-0000	
	Check Total:	1,764.60			
Vendor: cinco	Cintas Corporation			Check Sequence: 11	ACH Enabled: True
4209187027	Uniform - Gen'l. Gov't. Bldgs 10/23/24	2.95	11/01/2024	100-410-1940-42180-0000	
4209187027	Mats & Towels 10/23/24	45.34	11/01/2024	100-430-3000-44060-0000	
4209187027	Uniform - Janitorial 10/23/24	2.24	11/01/2024	100-410-1940-44060-0000	
4209187027	Uniform - PW 10/23/24	24.85	11/01/2024	100-430-3000-42180-0000	
4209187027	Uniform - SWR 10/23/24	6.02	11/01/2024	602-495-9490-42180-0000	
4209187027	Uniform - PK 10/23/24	14.73	11/01/2024	100-450-5200-42180-0000	
4209187027	Uniform - WTR 10/23/24	6.02	11/01/2024	601-494-9440-42180-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
4209193164	RWAS Mats 10/23/24	116.68	11/01/2024	609-497-9760-43100-0000	
4209193216	CR Floor Mats 10/23/24	8.86	11/01/2024	100-410-1941-44060-0000	
	Check Total:	227.69			
Vendor: conre 0058505	Continental Research Corporation 1.00 DZ Tefla Pent	303.22	11/01/2024	Check Sequence: 12 100-430-3000-42103-0000	ACH Enabled: False
	Check Total:	303.22			
Vendor: dahdi 2312001	Dahlheimer Distributing Co. Beer	14,820.25	11/01/2024	Check Sequence: 13 609-497-9760-42520-0000	ACH Enabled: True
2312001	THC	240.00	11/01/2024	609-497-9760-42535-0000	
2312418	Beer Buydown For Closeout	-283.90	11/01/2024	609-497-9760-42520-0000	
	Check Total:	14,776.35			
Vendor: dalen 4298849	Dalco Enterprises, Inc RWAS Liners TP & Towels	330.51	11/01/2024	Check Sequence: 14 609-497-9760-42100-0000	ACH Enabled: False
	Check Total:	330.51			
Vendor: dogde 723645	Dog Waste Depot Dog Park Equipment	6,126.40	11/01/2024	Check Sequence: 15 404-450-5200-45300-0000	ACH Enabled: True
	Check Total:	6,126.40			
Vendor: duvdi 678583	Diane DuVall Damage Deposit Refund - D. DuVall Wedding 10	500.00	11/01/2024	Check Sequence: 16 100-000-0000-22000-0000	ACH Enabled: False
	Check Total:	500.00			
Vendor: ecmpu 1019410	ECM Publishers, Inc. Public Accuracy Notice - General Election	48.00	11/01/2024	Check Sequence: 17 100-410-1410-43520-0000	ACH Enabled: False
1019411	PHN - 10.22.24 21400 John Milless	128.00	11/01/2024	100-410-1910-43520-0000	
	Check Total:	176.00			
Vendor: ecola 6348674653	Ecolab Laundry Detergent-St 2	750.20	11/01/2024	Check Sequence: 18 449-420-2210-44310-2209	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	750.20			
Vendor: ecsi	ECSI System Integrators			Check Sequence: 19	ACH Enabled: False
24091435	Fix City Hall Upstairs Door	193.75	11/01/2024	100-410-1940-44010-0000	
24091435	Fix Main Entry Door	193.75	11/01/2024	100-430-3000-44010-0000	
	Check Total:	387.50			
Vendor: facmo	Elliot Auto Supply Co, Inc.			Check Sequence: 20	ACH Enabled: False
128-203394	DEL 251-821 PUMP KIT-WAT (SLP-1) - #6892	109.02	11/01/2024	100-420-2100-42103-0000	
128-Z16816	BCR LG-CORE LARGE BATTERY CORE CRI	-43.08	11/01/2024	100-430-3000-42103-0000	
	Check Total:	65.94			
Vendor: feren	Ferguson Enterprises #1657			Check Sequence: 21	ACH Enabled: False
1043170	EB CLST SEAT COMM OFLC WHIT	23.48	11/01/2024	100-410-1940-42102-0000	
	Check Total:	23.48			
Vendor: guape	Guardian Pest Solutions, Inc.			Check Sequence: 22	ACH Enabled: False
2611055	Muni Pest October	44.71	11/01/2024	609-497-9770-43100-0000	
2612805	Commercial Pest Control - PD October	54.00	11/01/2024	100-420-2100-43140-0000	
2622329	Hassan Town Tall Pest Control October	300.00	11/01/2024	100-410-1940-43100-0000	
	Check Total:	398.71			
Vendor: hassa	Hassan Sand & Gravel, Inc.			Check Sequence: 23	ACH Enabled: True
182172	CON-BIT - RECYCLED CLASS 5	2,601.00	11/01/2024	410-450-5200-45300-2104	
	Check Total:	2,601.00			
Vendor: hawch	Hawkins Inc.			Check Sequence: 24	ACH Enabled: False
6899441	Hydrofluosilicic Acid & LPC-5	5,283.96	11/01/2024	601-494-9440-42160-0000	
	Check Total:	5,283.96			
Vendor: hencosh	Hennepin County Accounts Receivable			Check Sequence: 25	ACH Enabled: False
1000234092	HC Room And Board - Sept 2024	224.00	11/01/2024	100-420-2100-43100-0000	
	Check Total:	224.00			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: hohen	Hohensteins Inc			Check Sequence: 26	ACH Enabled: False
764400	Muni Bar NA	27.00	11/01/2024	609-497-9770-42540-0000	
764400	Muni Bar Beer	130.00	11/01/2024	609-497-9770-42520-0000	
	Check Total:	157.00			
Vendor: hordr	D.R. Horton			Check Sequence: 27	ACH Enabled: False
19136 GRASS LK	Escrow Release - 19136 Grass Lake	4,000.00	11/01/2024	100-000-0000-22030-0000	
19136 GRASS LK	Final Lot Inspection Fee - 19136 Grass Lake	-75.00	11/01/2024	100-410-1950-34108-0000	
19161 GRASS LK	Escrow Release - 19161 Grass Lake	4,000.00	11/01/2024	100-000-0000-22030-0000	
19161 GRASS LK	Final Lot Inspection Fee - 19161 Grass Lake	-75.00	11/01/2024	100-410-1950-34108-0000	
19167 GRASS LK	Final Lot Inspection Fee - 19167 Grass Lake Tr	-75.00	11/01/2024	100-410-1950-34108-0000	
19167 GRASS LK	Escrow Release - 19167 Grass Lake Tr	4,000.00	11/01/2024	100-000-0000-22030-0000	
19176 GRASS LK	Escrow Release - 19176 Grass Lk	4,000.00	11/01/2024	100-000-0000-22030-0000	
19176 GRASS LK	Final Lot Inspection Fee - 19176 Grass Lk	-75.00	11/01/2024	100-410-1950-34108-0000	
19186 138TH AVE	Final Lot Inspection Fee - 19186 138th Ave	-75.00	11/01/2024	100-410-1950-34108-0000	
19186 138TH AVE	Escrow Release - 19186 138th Ave	4,000.00	11/01/2024	100-000-0000-22030-0000	
19193 138TH AVE	Escrow Release - 19193 138th Ave	4,000.00	11/01/2024	100-000-0000-22030-0000	
19193 138TH AVE	Final Lot Inspection Fee - 19193 138th Ave	-75.00	11/01/2024	100-410-1950-34108-0000	
19213 138th Ave	Final Lot Inspection Fee - 19213 138th Ave N	-75.00	11/01/2024	100-410-1950-34108-0000	
19213 138th Ave	Escrow Release - 19213 138th Ave N	4,000.00	11/01/2024	100-000-0000-22030-0000	
19233 138TH AVE	Escrow Release - 19233 138th Ave	4,000.00	11/01/2024	100-000-0000-22030-0000	
19233 138TH AVE	Final Lot Inspection Fee - 19233 138th Ave	-75.00	11/01/2024	100-410-1950-34108-0000	
19243 138TH AVE	Escrow Release - 19243 138th Ave	4,000.00	11/01/2024	100-000-0000-22030-0000	
19243 138TH AVE	Final Lot Inspection Fee - 19243 138th Ave	-75.00	11/01/2024	100-410-1950-34108-0000	
19263 138th Ave	Escrow Release - 19263 138th Ave	4,000.00	11/01/2024	100-000-0000-22030-0000	
19263 138th Ave	Final Lot Inspection Fee - 19263 138th Ave	-75.00	11/01/2024	100-410-1950-34108-0000	
19283 138th Ave	Final Lot Inspection - 19283 138th Ave	-75.00	11/01/2024	100-410-1950-34108-0000	
19283 138th Ave	Escrow Release - 19283 138th Ave	4,000.00	11/01/2024	100-000-0000-22030-0000	
19313 138TH AVE	Escrow Release - 19313 138th Ave	4,000.00	11/01/2024	100-000-0000-22030-0000	
19313 138TH AVE	Final Lot Inspection Fee - 19313 138th Ave	-75.00	11/01/2024	100-410-1950-34108-0000	
19426 Grass Lk	Escrow Release - 19426 Grass Lake Trail	4,000.00	11/01/2024	100-000-0000-22030-0000	
	Check Total:	51,100.00			
Vendor: impda	Imperial Dade			Check Sequence: 28	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
4300247	6 Refillable Bottles Of Foameeze Soap	66.42	11/01/2024	205-450-5205-42100-0000	
	Check Total:	66.42			
Vendor: intinc	Intereum Inc			Check Sequence: 29	ACH Enabled: True
212651	EC Touch Panel Reconnection	320.00	11/01/2024	100-410-1941-44010-0000	
	Check Total:	320.00			
Vendor: iwami	Micheal T. Iwanok			Check Sequence: 30	ACH Enabled: False
10292024	Safety Boot Reimbursement - M. Iwanok	60.00	11/01/2024	602-495-9490-42180-0000	
10292024	Safety Boot Reimbursement - M. Iwanok	140.00	11/01/2024	601-494-9440-42180-0000	
	Check Total:	200.00			
Vendor: jeffi	Jefferson Fire & Safety, Inc.			Check Sequence: 31	ACH Enabled: False
IN319617	Decontamination Unit-Sq 1	925.83	11/01/2024	207-420-2210-42105-0000	
	Check Total:	925.83			
Vendor: johbr	Johnson Brothers Liquor Co.			Check Sequence: 32	ACH Enabled: False
2650712	Liquor	1,240.15	11/01/2024	609-497-9760-42510-0000	
2650713	Wine	774.00	11/01/2024	609-497-9760-42530-0000	
2650748	Liquor	2,583.69	11/01/2024	609-497-9760-42510-0000	
2650749	Wine	1,417.95	11/01/2024	609-497-9760-42530-0000	
2650750	Mix/NA	605.75	11/01/2024	609-497-9760-42540-0000	
2650751	Liquor	1,880.00	11/01/2024	609-497-9760-42510-0000	
6868191	Wine	158.20	11/01/2024	609-497-9760-42530-0000	
6868224	Liquor	306.30	11/01/2024	609-497-9760-42510-0000	
6868225	Wine	913.41	11/01/2024	609-497-9760-42530-0000	
7493414	Wine	688.75	11/01/2024	609-497-9760-42530-0000	
7493415	NA	121.75	11/01/2024	609-497-9760-42540-0000	
	Check Total:	10,689.95			
Vendor: k&seng	K&S Engraving LLC			Check Sequence: 33	ACH Enabled: True
13600	Par Tags SCBA Tags Name Plates	72.50	11/01/2024	100-420-2210-42100-0000	
	Check Total:	72.50			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: shagr 3080725	Kelbro Company Ice	173.84	11/01/2024	Check Sequence: 34 609-497-9760-42570-0000	ACH Enabled: False
	Check Total:	173.84			
Vendor: laneq 03-1113781	Lano Equipment, Inc. 7343102 PA BPA - FILTER OIL ENGINE - For Toolcat	29.02	11/01/2024	Check Sequence: 35 100-430-3000-42103-0000	ACH Enabled: False
03-1113781	6668819 PA BPA - FILTER - For Toolcat	75.08	11/01/2024	100-430-3000-42103-0000	
03-1113781	7400454 PA BPA - FILTER FUEL - For Toolcat	89.50	11/01/2024	100-430-3000-42103-0000	
03-1113781	6516722 PA BPA - FILT-1 - For Toolcat	13.86	11/01/2024	100-430-3000-42103-0000	
	Check Total:	207.46			
Vendor: lenfa RNC24-000371	Lennar Family of Builders Mechanical Surcharge Fee	1.00	11/01/2024	Check Sequence: 36 100-000-0000-22020-0000	ACH Enabled: False
RNC24-000371	Surcharge Fee	235.79	11/01/2024	100-000-0000-22020-0000	
RNC24-000371	Water Meter Fee	500.00	11/01/2024	601-494-9440-37170-0000	
RNC24-000371	Warning Siren Fee	100.00	11/01/2024	100-420-2500-32259-0000	
RNC24-000371	Building Permit Fee	3,076.95	11/01/2024	100-420-2400-32210-0000	
RNC24-000371	Site Fee	600.00	11/01/2024	100-410-1950-34110-0000	
RNC24-000371	Plumbing Permit Fee	115.00	11/01/2024	100-420-2400-32222-0000	
RNC24-000371	Sewer Connection Fee	300.00	11/01/2024	406-430-3121-37250-0000	
RNC24-000371	Gas Fireplace/Insert	100.00	11/01/2024	100-420-2400-32219-0000	
RNC24-000371	Sewer Permit Fee	62.50	11/01/2024	602-495-9490-37280-0000	
RNC24-000371	Plumbing Permit Fee	50.00	11/01/2024	100-420-2400-32222-0000	
RNC24-000371	Final Lot Inspection Fee	75.00	11/01/2024	100-410-1950-34108-0000	
RNC24-000371	Plumbing Surcharge Fee	1.00	11/01/2024	100-000-0000-22020-0000	
RNC24-000371	Assessor Fee	100.00	11/01/2024	100-410-1550-32228-0000	
RNC24-000371	Drain Tile Inspection Fee	75.00	11/01/2024	603-496-9495-34106-0000	
RNC24-000371	Administration Fee	200.00	11/01/2024	100-420-2400-32227-0000	
RNC24-000371	Furnace/Air Conditioning/Mecha	225.00	11/01/2024	100-420-2400-32225-0000	
RNC24-000371	Environmental Fee	300.00	11/01/2024	100-410-1950-32217-0000	
RNC24-000371	Water Permit Fee	62.50	11/01/2024	100-420-2400-32210-0000	
RNC24-000371	RSAC Fee	4,500.00	11/01/2024	408-430-3330-37270-0000	
RNC24-000371	Water Fee	3,800.00	11/01/2024	407-430-3300-37150-0000	

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	14,479.74			
Vendor: Imcit 23223	LMCIT Work Comp Deductible	1,000.00	11/01/2024	Check Sequence: 37 100-420-2210-41510-0000	ACH Enabled: False
	Check Total:	1,000.00			
Vendor: marco 540199395	Marco Inc Copier / Printer Contract November	104.91	11/01/2024	Check Sequence: 38 100-450-5186-44120-0000	ACH Enabled: False
540199395	Copier / Printer Contract November	284.04	11/01/2024	601-494-9440-44120-0000	
540199395	Copier / Printer Contract November	650.53	11/01/2024	100-420-2210-44120-0000	
540199395	Copier / Printer Contract November	154.52	11/01/2024	609-497-9770-44120-0000	
540199395	Copier / Printer Contract November	252.37	11/01/2024	205-450-5205-44120-0000	
540199395	Copier / Printer Contract November	284.04	11/01/2024	603-496-9495-44120-0000	
540199395	Copier / Printer Contract November	433.70	11/01/2024	100-410-1325-44120-0000	
540199395	Copier / Printer Contract November	2,048.40	11/01/2024	100-420-2100-44120-0000	
540199395	Copier / Printer Contract November	286.40	11/01/2024	100-410-1520-44120-0000	
540199395	Copier / Printer Contract November	284.04	11/01/2024	602-495-9490-44120-0000	
540199395	Copier / Printer Contract November	2,203.71	11/01/2024	100-430-3000-44120-0000	
540199395	Copier / Printer Contract November	378.52	11/01/2024	100-450-5120-44120-0000	
540199395	Copier / Printer Contract November	204.59	11/01/2024	609-497-9760-44120-0000	
	Check Total:	7,569.77			
Vendor: menar 38667	Menards, Inc. 8X8-12'R/S AC2 GRN TRTD-Sign Brockton Me	368.97	11/01/2024	Check Sequence: 39 404-450-5200-44310-2211	ACH Enabled: True
38781	ORTHO GC YLVK WAND 1GAL	69.94	11/01/2024	100-450-5200-42100-0000	
38781	ORTHO GC VEG CONC 32 OZ	21.92	11/01/2024	100-450-5200-42100-0000	
	Check Total:	460.83			
Vendor: hoteq 22993	Midwest Wash Systems LLC Hotsy System Bulk Soap-St 2	546.75	11/01/2024	Check Sequence: 40 449-420-2210-44310-2209	ACH Enabled: True
	Check Total:	546.75			
Vendor: milch 185076	Miller Chevrolet 84791853 HOSE - #6804	93.01	11/01/2024	Check Sequence: 41 100-420-2100-42103-0000	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
	Check Total:	93.01			
Vendor: mincon 09327	Minnesota Control Systems Inc Enable Communication With Email Service	448.00	11/01/2024	Check Sequence: 42 205-450-5205-44010-0000	ACH Enabled: True
	Check Total:	448.00			
Vendor: mnstf 2025	Minnesota State Fire Department Association MSFDA '25 Membership	450.00	11/01/2024	Check Sequence: 43 100-000-0000-15500-0000	ACH Enabled: False
	Check Total:	450.00			
Vendor: schso P34522 P34523	MN Equipment Inc. LVU800991 1.550(ID)x2.459 AL174088 Gas Operated Cylinder	30.01 91.76	11/01/2024 11/01/2024	Check Sequence: 44 100-450-5200-42103-0000 100-430-3120-42103-0000	ACH Enabled: True
	Check Total:	121.77			
Vendor: napa 365414 365414 366321	NAPA Auto Parts WD40 1 GALLON LIQUID WD40 SPRAY BOTTLE OIL FILTER	30.58 4.69 7.29	11/01/2024 11/01/2024 11/01/2024	Check Sequence: 45 100-430-3000-42120-0000 100-430-3000-42120-0000 100-430-3000-42103-0000	ACH Enabled: False
	Check Total:	42.56			
Vendor: norto 540501295243933	Northern Tool & Equipment Drill Bit	10.99	11/01/2024	Check Sequence: 46 100-420-2210-42105-0000	ACH Enabled: False
	Check Total:	10.99			
Vendor: omabr Pay App #2	Omann Brothers Inc. Pay App #2 - David Koch Reconstruction Project	365,591.15	11/01/2024	Check Sequence: 47 401-430-3121-45300-2204	ACH Enabled: False
	Check Total:	365,591.15			
Vendor: optum 0001659313	Optum 3rd Quarter HSA Admin Fees	325.00	11/01/2024	Check Sequence: 48 100-410-1325-44300-0000	ACH Enabled: False
	Check Total:	325.00			
Vendor: pitbo	Pitney Bowes Global Financial Services LLC			Check Sequence: 49	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
3106893295	PD Postage Meter Lease 09/12/24-12/11/24	142.53	11/01/2024	100-420-2100-44120-0000	
	Check Total:	142.53			
Vendor: premr	PreCise MRM LLC			Check Sequence: 50	ACH Enabled: True
IN200-2001098	5MB Flat Data Plan US With NAF C-US-5MB	240.00	11/01/2024	100-430-3120-43190-0000	
	Check Total:	240.00			
Vendor: legsh	Pre-Paid Legal Services, Inc			Check Sequence: 51	ACH Enabled: False
152672	EE Paid Insurance Premiums - October 2024	31.90	11/01/2024	100-000-0000-21751-0000	
	Check Total:	31.90			
Vendor: ramat	Matthew Rathlisberger			Check Sequence: 52	ACH Enabled: True
10/25/2024	MNGFOA Mileage Reimbursement 10/25/2024	129.44	11/01/2024	100-410-1520-44360-0000	
	Check Total:	129.44			
Vendor: rehry	Sara Rehor			Check Sequence: 53	ACH Enabled: False
676401	Snowplow Class Refund - Winter/Spring 2024	69.00	11/01/2024	100-450-5120-34790-0000	
	Check Total:	69.00			
Vendor: renan	Renewal by Andersen			Check Sequence: 54	ACH Enabled: False
2024	Refund Partial Overpayment - Renewal By Ande	20.00	11/01/2024	100-420-2100-32175-0000	
	Check Total:	20.00			
Vendor: rhsvo	Rogers High School Volleyball			Check Sequence: 55	ACH Enabled: False
679075	Damage Deposit Refund - RHS VB Banquet 10/	300.00	11/01/2024	100-000-0000-22000-0000	
	Check Total:	300.00			
Vendor: rogtr	Rogers True Value Hardware Inc			Check Sequence: 56	ACH Enabled: False
28706	Anchors	6.76	11/01/2024	100-450-5200-42104-0000	
28709	26OZ 1Step Wax & Dry	5.50	11/01/2024	601-494-9440-42100-0000	
28709	26OZ 1Step Wax & Dry	5.49	11/01/2024	602-495-9490-42100-0000	
28729	Velcro Strips	26.97	11/01/2024	601-494-9440-42100-0000	
	Check Total:	44.72			

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
Vendor: schst Scharber	Stacy A. Scharber Mileage Reimbursements - Sept/Oct	162.14	11/01/2024	Check Sequence: 57 100-410-1325-44360-0000	ACH Enabled: True
	Check Total:	162.14			
Vendor: scrin AW14481	SCR Inc St Cloud END OF SEASON REFRIGERATION CHECK	964.00	11/01/2024	Check Sequence: 58 205-450-5205-44040-0000	ACH Enabled: False
	Check Total:	964.00			
Vendor: sigso 414445	Sign Solutions USA SUS08HWT1818R8-3 HIP 080 18"X18" Screen	229.86	11/01/2024	Check Sequence: 59 100-430-3120-42260-0000	ACH Enabled: True
	Check Total:	229.86			
Vendor: sparta 915255	Spartan Athletic Co Pickleball Nets For SCP	8,605.05	11/01/2024	Check Sequence: 60 410-450-5200-45300-2104	ACH Enabled: False
	Check Total:	8,605.05			
Vendor: strei I1723795 I1724226 I1724810	Streicher's Inc. 2024 Officer Wellness Allowance - Higgins Uniforms - Polo Shirt Officer Wellness Allowance - Foster	338.97 48.00 639.97	11/01/2024 11/01/2024 11/01/2024	Check Sequence: 61 207-420-2100-42105-0000 100-420-2100-42180-0000 207-420-2100-42105-0000	ACH Enabled: False
	Check Total:	1,026.94			
Vendor: carbu 113679	Tegrete Muni Clean Vikings Game 9/29/2024	75.05	11/01/2024	Check Sequence: 62 609-497-9770-44060-0000	ACH Enabled: True
	Check Total:	75.05			
Vendor: uline 183997177	Uline Trash Cans Dollies & Caddies	551.97	11/01/2024	Check Sequence: 63 100-410-1940-42102-0000	ACH Enabled: False
	Check Total:	551.97			
Vendor: UPS 10285116A026194	UPS Store Ship Water Samples	12.67	11/01/2024	Check Sequence: 64 601-494-9440-43220-0000	ACH Enabled: False
	Check Total:	12.67			
Vendor: usilo	USIC Holdings, Inc			Check Sequence: 65	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
691301	Locates 10/14/24 - 10/20/24	14.00	11/01/2024	603-496-9495-43150-0000	
691301	Locates 10/14/24 - 10/20/24	43.00	11/01/2024	602-495-9490-43150-0000	
691301	Locates 10/14/24 - 10/20/24	43.00	11/01/2024	601-494-9440-43150-0000	
692349	Locates 10/21/24 - 10/27/24	3.50	11/01/2024	603-496-9495-43150-0000	
692349	Locates 10/21/24 - 10/27/24	10.75	11/01/2024	602-495-9490-43150-0000	
692349	Locates 10/21/24 - 10/27/24	10.75	11/01/2024	601-494-9440-43150-0000	
	Check Total:	125.00			
Vendor: veidi	Veit Disposal Systems Inc.			Check Sequence: 66	ACH Enabled: False
09192024	120,000 Gallons - Veit	-36.85	11/01/2024	601-000-0000-20300-0000	
09192024	Hydrant Sales for 120K Gal. @ \$3.50/1K Gal. - 1	1,350.00	11/01/2024	601-000-0000-22003-0000	
09192024	120,000 Gallons - Veit	-420.00	11/01/2024	601-494-9440-37100-0000	
	Check Total:	893.15			
Vendor: vihca	Carina Vihodet			Check Sequence: 67	ACH Enabled: False
678963	LCP Sunroom Event Refund - Baby Shower 11/5	210.00	11/01/2024	100-450-5200-34780-0000	
	Check Total:	210.00			
Vendor: vinin	Vinocopia Inc			Check Sequence: 68	ACH Enabled: True
0360525-IN	Liquor	118.00	11/01/2024	609-497-9760-42510-0000	
0360525-IN	Wine	856.00	11/01/2024	609-497-9760-42530-0000	
	Check Total:	974.00			
Vendor: vonco	Vonco II, LLC			Check Sequence: 69	ACH Enabled: True
V2 0000082999	Street Sweeping Municipal	347.18	11/01/2024	603-496-9495-44050-0000	
	Check Total:	347.18			
Vendor: grain	W.W. Grainger, Inc.			Check Sequence: 70	ACH Enabled: True
9289977341	40XA67 FILTER HEAD 3/8"FNPT	134.15	11/01/2024	449-420-2210-45200-2209	
9291295229	RETURN: 40XA67 FILTER HEAD3/8"FNPT	-134.15	11/01/2024	449-420-2210-45200-2209	
9295985114	5AHD4 LINE INTERACTIVE700.0VA120VAC	380.30	11/01/2024	602-495-9490-42104-0000	
	Check Total:	380.30			
Vendor: watcon	Water Conservation Services Inc			Check Sequence: 71	ACH Enabled: False

Invoice No	Description	Amount	Pmt Date	Acct Number	Reference
14395	Leak Locate October 22 2024 @ Church & Main	479.95	11/01/2024	601-494-9440-43100-0000	
	Check Total:	479.95			
Vendor: wruse	Wruck Sewer & Portable Rental			Check Sequence: 72	ACH Enabled: False
124840	Porta Potty Rental - Muni Special Event 10/2024	460.66	11/01/2024	609-497-9770-43100-0000	
	Check Total:	460.66			
Vendor: xcele	Xcel Energy			Check Sequence: 73	ACH Enabled: False
51-9712220-4	STREETLIGHTS-METERED September	936.19	11/01/2024	100-430-3120-43160-0000	
51-9712220-4	STREETLIGHTS-UNMETERED September	8,074.63	11/01/2024	100-430-3120-43160-0000	
51-9712220-4	NON-RECURRING CREDITS September	-0.38	11/01/2024	100-430-3120-43160-0000	
	Check Total:	9,010.44			
Vendor: ziein	Ziegler, Inc.			Check Sequence: 74	ACH Enabled: True
IN001684653	250034-112 - 908 KIT ELMNT PLTD - #20-007	423.50	11/01/2024	100-430-3000-42103-0000	
IN001684653	UPS Ground	16.70	11/01/2024	100-430-3000-42103-0000	
IN001684653	250028-032 - 908 KITEL MAIN FLD FLT - #20	68.50	11/01/2024	100-430-3000-42103-0000	
	Check Total:	508.70			
	Total for Check Run:	533,897.60			
	Total of Number of Checks:	74			

October 2024 US Bank P-Card Allocations									
Vendor	Account					Amount	Fiscal Year	Description	
TARGET 00014563	100	410	1325	42000	0000	56.68	2024	TP, Paper towels, kitchen supplies	
2PITNEY BOWES INC.	100	410	1325	42000	0000	91.29	2024	Ink for postage machine	
AMAZON MKTPL*P64ER3MM3	100	410	1325	42000	0000	399.80	2024	2 desk chairs for new employees	
WWW.SIRIUSCOM.COM	100	410	1325	43190	0000	65.00	2024	Administration Office G3 licenses - 5 licenses	
MAILCHIMP	100	410	1325	43190	0000	45.00	2024	Monthly email list serve - October	
SWIFTTYPE, INC.	100	410	1325	43190	0000	79.00	2024	Search engine widget for website - October	
VZWLSS*APOCC VISB	100	410	1325	43250	0000	206.90	2024	Administration Dept Cell Phones - September	
2PITNEY BOWES LEASING	100	410	1325	44120	0000	143.55	2024	Quarterly lease for postage machine	
VECTEEZY * PRO	100	410	1325	44330	0000	19.00	2024	Graphics for winter city newsletter - October	
ZOOM.US 888-799-9666	100	410	1330	43190	0000	126.97	2024	Zoom licenses - October	
WWW.SIRIUSCOM.COM	100	410	1330	43190	0000	2,465.13	2024	Office 365 licenses	
WWW.SIRIUSCOM.COM	100	410	1330	43190	0000	657.14	2024	Intune Project	
WWW.SIRIUSCOM.COM	100	410	1330	43190	0000	39.00	2024	IS Office 365 G3 licenses - 3	
WWW.SIRIUSCOM.COM	100	410	1330	43250	0000	439.74	2024	Teams Phones and shared Devices	
VZWLSS*APOCC VISB	100	410	1330	43250	0000	128.15	2024	IS Cell Phones - September	
COMCAST CABLE COMM	100	410	1330	43250	0000	148.57	2024	Internet Service - IS - October	
TARGET 00014563	100	410	1410	42000	0000	13.08	2024	Election Judge Training - Water and Snacks	
VZWLSS*APOCC VISB	100	410	1410	42000	0000	72.81	2024	Elections - September	
AMAZON.COM*CP3QY8EX3	100	410	1520	42000	0000	99.99	2024	Laptop Backpack Replacement - Bruska	
AMAZON.COM*8211H7I53	100	410	1520	42000	0000	479.89	2024	Electric Comb Binding Machine	
AMAZON RETA* WH9C67NT3	100	410	1520	42010	0000	349.00	2024	Noise Cancelling Headset	
WWW.SIRIUSCOM.COM	100	410	1520	43190	0000	52.00	2024	Finance Office G3 - 4 licenses	
BOARD OF ACCOUNTANCY	100	410	1520	44330	0000	102.00	2024	CPA License Renewal - Bruska	
FSP*ARROWWOOD RESORT & CO	100	410	1520	44360	0000	272.46	2024	MNGFOA Lodging - Bruska	
FSP*ARROWWOOD RESORT & CO	100	410	1520	44360	0000	272.46	2024	MNGFOA Lodging - Rathlisberger	
OFFICEMAX/DEPOT 6841	100	410	1910	42000	0000	23.97	2024	Cool Jobs Tour - Name Badge Stickers	
WWW.SIRIUSCOM.COM	100	410	1910	43190	0000	39.00	2024	Community dev. Office 365 G3 - 3 licenses	
VZWLSS*APOCC VISB	100	410	1910	43250	0000	82.76	2024	Planning and Community Development - September	
MNCAR EXCHANGE	100	410	1910	44330	0000	590.00	2024	MnCAR Exchange Membership Fee	
I-94 W CHAMBER OF COMMERCE	100	410	1910	44360	0000	375.00	2024	I94 Chamber Annual Celebration Registration	
MINNESOTA COMMERCIAL ASSO	100	410	1910	44360	0000	95.00	2024	MnCAR Event Registration Fee	
ULINE *SHIP SUPPLIES	100	410	1940	42102	0000	281.54	2024	Trash Cans, Dollies & Caddies	
VZWLSS*APOCC VISB	100	410	1940	43250	0000	41.38	2024	Custodian - September	
4TE*COMMERS CONDITIONED W	100	410	1940	43820	0000	24.95	2024	City Hall water service - September	
AMZN MKTP US*N838W0J93	100	410	1941	42100	0000	16.82	2024	Scrubbys for cleaning	
ROGERS TRUE VALUE	100	410	1941	42102	0000	39.15	2024	New Bin & Key for Stage	
AMAZON MKTPL*TV60P6R23	100	410	1941	42102	0000	340.69	2024	Firepit cover & glass fill	
AMAZON MKTPLACE PMTS	100	410	1941	42102	0000	(169.24)	2024	Returned Firepit cover	
WWW.SIRIUSCOM.COM	100	410	1941	43190	0000	6.50	2024	Schmiedlin G3 license (1/2)	
VZWLSS*APOCC VISB	100	410	1941	43250	0000	20.69	2024	Community Room Cell Phone - September	
COMCAST CABLE COMM	100	410	1941	43250	0000	77.45	2024	Analog, Internet and TV service - Event Center - October	
CENTERPOINTENERGY MN GAS	100	410	1941	43830	0000	159.09	2024	Centerpoint Energy Balance-CR	
AMAZON RETA* OA8TG9I53	100	410	1950	42000	0000	89.99	2024	Backpack	
SAMSLUB.COM	100	410	1950	42000	0000	8.98	2024	Office Supplies -Zip Loc Bags, Batteries, Binder Clips	
AMZN MKTP US*1T9DT0SC3	100	410	1950	42000	0000	1,808.15	2024	Paper folding machine	
ULINE *SHIP SUPPLIES	100	410	1950	42000	0000	20.09	2024	Gloves	
WWW.CAMERONSCOFFEE.COM	100	410	1950	42000	0000	27.06	2024	Coffee	
AMAZON.COM*8211H7I53	100	410	1950	42105	0000	479.90	2024	Electric Comb Binding Machine	
WWW.SIRIUSCOM.COM	100	410	1950	43190	0000	39.00	2024	Engineering G3 licenses: Bendiske, Albers, Williams	
VZWLSS*APOCC VISB	100	410	1950	43250	0000	186.21	2024	Engineering Cell Phone - September	
MINNESOTA STATE COLLEGES	100	410	1950	44360	0000	250.00	2024	Bituminous Street Inspector Recertification - Bendiske	
AMAZON MKTPL*HJ4YV4MA3	100	420	2100	42000	0000	8.88	2024	Pop-Up Post-Its	
AMAZON MARK* LT2019MB3	100	420	2100	42000	0000	8.59	2024	Mouse Pad - Andrea Hunt	
AMAZON.COM*NC3YM65D3	100	420	2100	42100	0000	176.94	2024	Leadership Team Books	
AMAZON MKTPL*5A9IM0S23	100	420	2100	42102	0000	78.30	2024	Clean Room Filters for PD	
AMAZON MKTPL*6Y9U192Y3	100	420	2100	42105	0000	40.07	2024	Phone case	
AMAZON MKTPL*P57S06U93	100	420	2100	42105	0000	29.59	2024	Outdoor weather protection cover	
AMAZON MARK* V12XE5PC3	100	420	2100	42105	0000	270.00	2024	Farady Evidence Bags	
AMAZON MARK* R768G9V93	100	420	2100	42105	0000	23.36	2024	Air Compressor Tool	
AMZN MKTP US*DF1I44IY3	100	420	2100	42105	0000	67.17	2024	Lead Wipes	
AMAZON MARK* JY86D9CG3	100	420	2100	42105	0000	92.72	2024	Gun Cleaning Mat and Wipes	
GALLS	100	420	2100	42105	0000	(76.14)	2024	Refund for Backordered Duty Belt	
G T DISTRIBUTORS, INC	100	420	2100	42105	0000	68.99	2024	Duty Belt	
AMAZON MKTPL*BK9P84BV3	100	420	2100	42105	0000	24.98	2024	Charger - Squad 6831	
AMAZON MKTPL*8Q6YH44Q3	100	420	2100	42105	0000	9.49	2024	Light bulbs for PD	
AMAZON MKTPL*HA3WX5DL3	100	420	2100	42105	0000	8.99	2024	Fast Charging Cable	
CHEWY.COM	100	420	2100	42107	0000	104.49	2024	Dog Food - K9 Zeus	
KWIK TRIP #812	100	420	2100	42120	0000	52.14	2024	Gas for DTF Squad	
HOLIDAY STATIONS 0319	100	420	2100	42120	0000	40.06	2024	Gas for DTF Squad	
HOLIDAY STATIONS 3514	100	420	2100	42120	0000	53.47	2024	Gas for DTF Squad	
SPEEDWAY 08584 333 MAIN A	100	420	2100	42120	0000	47.27	2024	Foster fuel at FBI Training - Squad 6844	
SHELL OIL 57546556606	100	420	2100	42120	0000	26.31	2024	Foster fuel at FBI Training - Squad 6844	
LOVE'S #0685 OUTSIDE	100	420	2100	42120	0000	38.50	2024	Foster fuel at FBI Training - Squad 6844	
LOVE'S #0319 OUTSIDE	100	420	2100	42120	0000	23.77	2024	Foster fuel at FBI Training - Squad 6844	
KWIK STAR #711	100	420	2100	42120	0000	34.76	2024	Foster fuel at FBI Training - Squad 6844	
KWIK TRIP #1020	100	420	2100	42120	0000	67.08	2024	Fuel - Squad 6831	
KUM&GO 0043R NEW VIRG	100	420	2100	42120	0000	77.00	2024	Fuel - Squad 6831	

October 2024 US Bank P-Card Allocations									
Vendor	Account					Amount	Fiscal Year	Description	
KUM&GO 0542R URBANDAL	100	420	2100	42120	0000	51.37	2024	Fuel - Squad 6831	
QT 188 OUTSIDE	100	420	2100	42120	0000	55.03	2024	Fuel - Squad 6831	
SPEEDWAY - 07016 ALBERTVI	100	420	2100	42120	0000	64.30	2024	Fuel - Squad 6831	
GRAINGER	100	420	2100	42170	0000	1,064.01	2024	Gloves - Medical Supplies	
SCHEELS EDEN PRAIRIE	100	420	2100	42180	0000	64.99	2024	Pants	
5.11, INC.	100	420	2100	42180	0000	61.50	2024	Pants	
SQ *ALL SEASONS CANINE CO	100	420	2100	43105	0000	25.00	2024	K9 Zeus Boarding	
WWW.SIRIUSCOM.COM	100	420	2100	43190	0000	416.00	2024	Police Office G3 licenses - 32 licenses	
COMCAST CABLE COMM	100	420	2100	43210	0000	235.36	2024	Analog and TV Service - Police - October	
VZWRLLS*APOCC VISB	100	420	2100	43250	0000	1,406.92	2024	Police Department Cell Phones - September	
MISTER CAR WASH #1601	100	420	2100	44040	0000	35.88	2024	Beck car wash plan - Squad 6845 -Sept	
MISTER CAR WASH #1601	100	420	2100	44040	0000	35.88	2024	Wills car wash plan - Squad 6831 - Sept	
MISTER CAR WASH #1601	100	420	2100	44040	0000	35.88	2024	Foster car wash plan - Squad 6844 - Oct	
APPLE.COM/BILL	100	420	2100	44330	0000	2.99	2024	iCloud Storage Plan for Work Phone - Oct	
SP VERTEX UNMANNED	100	420	2100	44360	0000	398.00	2024	Vertex Unmanned Solutions Training	
ST CLOUD PARKING SYSTEM	100	420	2100	44360	0000	9.00	2024	BCA User Conference Training Parking	
ST CLOUD PARKING SYSTEM	100	420	2100	44360	0000	7.50	2024	BCA User Conference Training Parking	
BCA TRAINING EDUCATION	100	420	2100	44360	0000	(600.00)	2024	MN BCA Training Courses Refund	
RAISING CANES 0144	100	420	2100	44360	0000	30.90	2024	Lunch - Critical Incident Training - Duplic/Higgins	
BCA TRAINING EDUCATION	100	420	2100	44360	0000	900.00	2024	MN BCA Training - Leadership Courses (3)	
BCA TRAINING EDUCATION	100	420	2100	44360	0000	300.00	2024	MN BCA Training - Leadership Course	
POTBELLY #337	100	420	2100	44360	0000	15.06	2024	Lunch - FBI Leadership Training - Nelson	
ST CLOUD PARKING SYSTEM	100	420	2100	44360	0000	8.50	2024	BCA Training Conference Parking - St. Cloud	
BCA TRAINING EDUCATION	100	420	2100	44360	0000	300.00	2024	Mn BCA Leadership Training	
CULVERS OF COTTAGE GROVE	100	420	2100	44360	0000	13.09	2024	Lunch - Negotiator Training - Tushar	
JERSEY MIKES 24049	100	420	2100	44360	0000	15.11	2024	Lunch - Negotiator Training - Tushar	
HY-VEE COTTAGE GROVE 1090	100	420	2100	44360	0000	12.45	2024	Lunch - Negotiator Training - Tushar	
SUBWAY 25833	100	420	2100	44360	0000	12.89	2024	Lunch - Negotiator Training - Tushar	
PAYPAL *CITYHOPKINS	100	420	2100	44360	0000	10.00	2024	Mobile Field Force Training - City of Hopkins	
MAC PARKING RESERVATIONS	100	420	2100	44360	0000	128.00	2024	Airport Parking for IACP - Boston	
MAC PARKING RESERVATIONS	100	420	2100	44360	0000	(130.00)	2024	Airport Parking for IACP - Boston	
FACEBK *UCNX5BC9S2	100	420	2100	44362	0000	2.00	2024	Boost FB ad for Police Officer Recruit	
FACEBK *EULKEAU9S2	100	420	2100	44362	0000	2.00	2024	Boost FB ad for Police Officer Recruit	
FACEBK *VW4Q9BC9S2	100	420	2100	44362	0000	2.00	2024	Boost FB ad for Police Officer Recruit	
FACEBK *SYMVGAY9S2	100	420	2100	44362	0000	2.00	2024	Boost FB ad for Police Officer Recruit	
FACEBK *J888RCCNG2	100	420	2100	44362	0000	75.00	2024	Police recruitment ad for social media	
FACEBK *JYBCYBQNG2	100	420	2100	44362	0000	25.00	2024	Police recruitment ad for social media	
CUB FOODS- ROGERS	100	420	2100	44385	0000	20.67	2024	Food for Citizens Police Academy - Cub Foods	
CUB FOODS- ROGERS	100	420	2100	44385	0000	51.95	2024	Citizen Police Academy Food 9/18	
CUB FOODS- ROGERS	100	420	2100	44385	0000	35.00	2024	Citizen Police Academy Food 9/25	
CUB FOODS- ROGERS	100	420	2100	44385	0000	40.72	2024	Citizen Police Academy Food /Cutlery 9/25	
CUB FOODS- ROGERS	100	420	2100	44385	0000	35.00	2024	Citizen Police Academy Food 10/9	
ALDI 72094	100	420	2100	44385	0000	20.15	2024	Citizen Police Academy Food 10/9	
AMAZON MARK* FD2UY9RK3	100	420	2210	42000	0000	52.13	2024	Desk Reference Base	
COMPLIANCE POSTER COMPANY	100	420	2210	42100	0000	69.90	2024	State & Federal Compliance Posters	
AMAZON RETA* YR5P8553	100	420	2210	42100	0000	13.49	2024	Black Vinyl	
AMAZON MKTPL*G59C03Q53	100	420	2210	42100	0000	22.98	2024	Outdoor FD Flag	
AMAZON MKTPL*EW50J3FA3	100	420	2210	42100	0000	55.99	2024	Mobile Desk Station	
AMAZON MKTPL*RH1E78CT3	100	420	2210	42180	0000	26.88	2024	Duty Belt-Skomra	
AMAZON MARK* ZT9122S62	100	420	2210	42180	0000	(51.47)	2024	Duty Pants Returned	
AMAZON MARK* ZT9122S62	100	420	2210	42180	0000	(51.47)	2024	Duty Pants Returned	
AMAZON MKTPL*6T4WD8VQ3	100	420	2210	42180	0000	26.88	2024	Duty Belt-Ende	
AMAZON MKTPL*P23A19143	100	420	2210	42180	0000	65.00	2024	Duty Pants-Beach (to return)	
WWW.SIRIUSCOM.COM	100	420	2210	43190	0000	577.47	2024	Office 365 licenses for 37 fire fighters	
WWW.SIRIUSCOM.COM	100	420	2210	43190	0000	52.00	2024	Fire Office G3 Licenses - Patrick, Jeff, Jason, Ashley	
VZWRLLS*APOCC VISB	100	420	2210	43250	0000	165.52	2024	Fire Dept cell phones - September	
CENTERPOINTENERGY MN GAS	100	420	2210	43830	0000	125.00	2024	Centerpoint Energy Balance-Fire Dept	
CK HOLIDAY # 06405	100	420	2210	44040	0000	10.00	2024	Basic Car Wash R11	
MISTER CAR WASH #1601	100	420	2210	44040	0000	35.88	2024	SQ1 Car Wash Pass	
CK HOLIDAY # 06405	100	420	2210	44040	0000	16.50	2024	Squad/Rescue Car Wash	
AMAZON MKTPL*JE42YOK93	100	420	2210	44360	0000	69.45	2024	Fire Officer I Textbook	
NATIONAL REGISTRY EMT	100	420	2210	44360	0000	104.00	2024	NREMT Test-Palmer	
NATIONAL REGISTRY EMT	100	420	2210	44360	0000	104.00	2024	NREMT Test-Hudson	
NATIONAL REGISTRY EMT	100	420	2210	44360	0000	104.00	2024	NREMT Test-Folkestad-Blake	
ALERT ALL CORP	100	420	2230	42100	0000	212.50	2024	Rulers for Kindergarten visits	
INT'L CODE COUNCIL INC	100	420	2230	44330	0000	160.00	2024	Intern. Code Council Membership	
SAMSCLUB.COM	100	430	3000	42000	0000	8.99	2024	Office Supplies -Zip Loc Bags, Batteries, Binder Clips	
ULINE *SHIP SUPPLIES	100	430	3000	42000	0000	20.09	2024	Gloves	
WWW.CAMERONSCOFFEE.COM	100	430	3000	42000	0000	27.07	2024	Coffee	
WWW.SIRIUSCOM.COM	100	430	3000	43190	0000	91.00	2024	PW G3 License, 7 licenses	
VZWRLLS*APOCC VISB	100	430	3000	43250	0000	103.45	2024	PW Cell Phone - September	
WWW.APWA.NET	100	430	3000	44330	0000	1,033.00	2024	APWA Annual Membership Dues	
ECM SUBSCRIPTIONS	100	430	3000	44330	0000	98.60	2024	Yearly subscription to Crow River News	
WWW.SIRIUSCOM.COM	100	450	5120	43190	0000	13.00	2024	Bauer and Goodrich G3 license	
WWW.SIRIUSCOM.COM	100	450	5120	43190	0000	13.00	2024	Hanson G3 license	
VZWRLLS*APOCC VISB	100	450	5120	43250	0000	41.38	2024	Recreation and Facilities Coordinator - September	
SQ *A TOUCH OF MAGIC, INC	100	450	5120	43445	0000	1,379.04	2024	Santa Claus For Tree Lighting And Kate	

October 2024 US Bank P-Card Allocations

Vendor	Account					Amount	Fiscal Year	Description
24HOURWRISTBANDS.COM	100	450	5120	43500	0000	932.50	2024	Bracelets, Sunglass and Hats for promotion pieces
STOCKPINS.COM	100	450	5120	43500	0000	265.50	2024	Lapel Pins to be refunded
STOCKPINS.COM	100	450	5120	43500	0000	265.50	2024	Lapel Pins
SQ *SQUARE PAID SERVICES	100	450	5120	44300	0000	35.00	2024	10/24 Square Location Fee Parks and Rec
TST* PUB 500	100	450	5120	44360	0000	12.74	2024	Dinner MRPA Conference 9/24
TST*ROUNDERS SPORTS BAR	100	450	5120	44360	0000	20.54	2024	Dinner MRPA Conference 9/25
COFFEE HAG	100	450	5120	44360	0000	4.98	2024	Breakfast MRPA Conference 9/26
UMMIES	100	450	5120	44360	0000	25.00	2024	Dinner MRPA Conference 9/26
AMAZON MKTPL*TV60P6R23	100	450	5186	42000	0000	6.85	2024	Planner
WWW.SIRIUSCOM.COM	100	450	5186	43190	0000	6.50	2024	Schmiedlin G3 license (1/2)
VZWLSS*APOCC VISB	100	450	5186	43250	0000	20.69	2024	Senior Center Cell Phone - September
FACBCK *EV5SZB4HX2	100	450	5186	43420	0000	11.77	2024	Advertisement for Fitness Classes
AMAZON MKTPL*R630A0XZ3	100	450	5186	43443	0000	63.59	2024	Steamer for Table Décor
AMAZON MKTPL*IM83500C3	100	450	5186	43443	0000	39.36	2024	Coffee for Coffee Club
AMAZON MKTPL*ZI84O16V1	100	450	5186	43443	0000	48.46	2024	New Hot Water Pot for Coffee Club
COSTCO WHSE #0648	100	450	5186	43443	0000	238.73	2024	Snacks for Clubs
AMAZON MKTPL*TV60P6R23	100	450	5186	43444	0000	40.52	2024	Disposable Cups for Dining
AMAZON DIGIT*3410O2R83	100	450	5186	44330	0000	11.95	2024	Music for Alexa
SAMSLUB.COM	100	450	5200	42000	0000	8.99	2024	Office Supplies -Zip Loc Bags, Batteries, Binder Clips
ULINE *SHIP SUPPLIES	100	450	5200	42000	0000	20.09	2024	Gloves
WWW.CAMERONSCOFFEE.COM	100	450	5200	42000	0000	27.07	2024	Coffee
PAYPAL *EBAY US	100	450	5200	42103	0000	16.00	2024	Air filters for weed trimmers
VZWLSS*APOCC VISB	100	450	5200	43250	0000	82.76	2024	Parks Cell Phone - September
FSP*MPSTMA	100	450	5200	44360	0000	100.00	2024	MPSTMA Fall Conference, A. Weltzin & T. Daluge
SAMSLUB.COM	205	450	5205	42100	0000	26.86	2024	Vinegar, Disinfectant spray
AMAZON.COM*HW1083G93	205	450	5205	42100	0000	6.99	2024	OSHA Sign
AMAZON MKTPL*4G8M0SYN3	205	450	5205	42100	0000	188.51	2024	Glow necklaces, measuring wheel, stainless steel clips
HEARTLAND SPORTS	205	450	5205	42100	0000	519.00	2024	Mini-Mite Hockey Goal and 6 replacement nets
MENARDS MAPLE GROVE MN	205	450	5205	42100	0000	330.36	2024	Floor Jacks for Pump repairs, spray paint, electrical
THE WEBSTRAUNT STORE INC	205	450	5205	42550	0000	133.49	2024	Slush cups, lids and cheese cups
SAMS CLUB #6254	205	450	5205	42550	0000	21.16	2024	Concessions Stock
SAMSLUB.COM	205	450	5205	42550	0000	391.06	2024	Concessions Stock
WWW.SIRIUSCOM.COM	205	450	5205	43190	0000	13.00	2024	Bauer and Goodrich G3 license
VZWLSS*APOCC VISB	205	450	5205	43250	0000	87.76	2024	RAC Cell Phone - September
24HOURWRISTBANDS.COM	205	450	5205	43500	0000	115.98	2024	Table cloths
MFC SOUTH ST PAUL	205	450	5205	44040	0000	1,272.87	2024	Replacement Flexible Coupling
SQ *SQUARE PAID SERVICES	205	450	5205	44300	0000	35.00	2024	10/24 Square Location Fee RAC
TARGET.COM *	206	420	2100	45200	0000	11.29	2024	Spoon and Cookie Sheet - Kitchen Remodel
TARGET.COM *	206	420	2100	45200	0000	114.94	2024	Misc Kitchen Items - Kitchen Remodel
TARGET.COM *	206	420	2100	45200	0000	27.14	2024	Silicone Cake Pan - Kitchen Remodel
TARGET.COM *	206	420	2100	45200	0000	30.44	2024	Towels - Kitchen Remodel
TARGET.COM *	206	420	2100	45200	0000	14.02	2024	Pot Holders - Kitchen Remodel
INPRO CORPORATION P	206	420	2100	45200	0000	60.21	2024	Railing Returns for Wall - Kitchen Remodel
TARGET.COM	206	420	2100	45200	0000	(14.23)	2024	Tax Refund for purchases - Kitchen Remodel
TARGET.COM	206	420	2100	45200	0000	(2.19)	2024	Tax Refund for purchases - Kitchen Remodel
HANGRY JOES HOT CHICKEN	207	420	2100	44360	0000	48.51	2024	Lunch - CIT Training - Herold/Nelson/Wilhoite
CHIPOTLE 4889	207	420	2100	44360	0000	46.66	2024	Lunch - CIT Training - Herold/Nelson/Wilhoite
CHICK-FIL-A #03603	207	420	2100	44360	0000	5.20	2024	Lunch - CIT Training - Nelson
CHICK-FIL-A #03603	207	420	2100	44360	0000	22.57	2024	Lunch - CIT Training - Herold/Nelson/Wilhoite
PANDA EXPRESS #1909	207	420	2100	44360	0000	40.08	2024	Lunch - CIT Training - Herold/Nelson/Wilhoite
SQ *MINNESOTA CIT OFFICER	207	420	2100	44360	0000	975.00	2024	Public Safety Aid Plan - CIT Training
SQ *MINNESOTA CIT OFFICER	207	420	2100	44360	0000	975.00	2024	Public Safety Aid Plan - CIT Training
TST*TIPSY CHICKEN	207	420	2100	44360	0000	13.88	2024	Lunch - CIT Training - Public Safety Aid Plan
SQ *MINNESOTA CIT OFFICER	207	420	2100	44360	0000	975.00	2024	Public Safety Aid Plan - CIT Training
AMAZON.COM*JM64B7483	449	420	2210	44310	2209	20.74	2024	New ST 2-Pans
AMAZON MKTPL*ZH7FX66W3	449	420	2210	44310	2209	8.99	2024	New St 2-Binder Dividers
AMZN MKTP US*F44KV4863	449	420	2210	44310	2209	214.49	2024	New St 2-Glass Whiteboard
AMZN MKTP US*AT8Q504L3	449	420	2210	44310	2209	107.18	2024	New St 2-Metal Letters
AMAZON MKTPL*ON4OM7N03	449	420	2210	44310	2209	385.85	2024	New St 2-Office Supplies
AMAZON RETA* OH9FU4YA3	449	420	2210	44310	2209	6.22	2024	New St 2-Sponges
AMAZON MKTPL*BF8NN3AJ3	449	420	2210	44310	2209	855.00	2024	New St 2-Vacuum, Blowers, Cleaning Kits
SAMSLUB.COM	601	494	9440	42000	0000	8.98	2024	Office Supplies -Zip Loc Bags, Batteries, Binder Clips
ULINE *SHIP SUPPLIES	601	494	9440	42000	0000	20.09	2024	Gloves
WWW.CAMERONSCOFFEE.COM	601	494	9440	42000	0000	27.07	2024	Coffee
WWW.SIRIUSCOM.COM	601	494	9440	43190	0000	8.67	2024	Office G3 Licenses: Parker, Knapp
VZWLSS*APOCC VISB	601	494	9440	43250	0000	82.76	2024	Water Cell Phone - September
IN *AMERICAN PAYMENT CENT	601	494	9440	44120	0000	70.00	2024	Utility Drop Box - Sept, Oct, Nov 2024
SAMSLUB.COM	602	495	9490	42000	0000	8.98	2024	Office Supplies -Zip Loc Bags, Batteries, Binder Clips
ULINE *SHIP SUPPLIES	602	495	9490	42000	0000	20.08	2024	Gloves
WWW.CAMERONSCOFFEE.COM	602	495	9490	42000	0000	27.07	2024	Coffee
WWW.SIRIUSCOM.COM	602	495	9490	43190	0000	10.00	2024	Office G3 Licenses: Parker, Knapp
VZWLSS*APOCC VISB	602	495	9490	43250	0000	82.76	2024	Sewer Cell Phone - September
IN *AMERICAN PAYMENT CENT	602	495	9490	44120	0000	70.00	2024	Utility Drop Box - Sept, Oct, Nov 2024
SAMSLUB.COM	603	496	9495	42000	0000	8.98	2024	Office Supplies -Zip Loc Bags, Batteries, Binder Clips
ULINE *SHIP SUPPLIES	603	496	9495	42000	0000	20.08	2024	Gloves
WWW.CAMERONSCOFFEE.COM	603	496	9495	42000	0000	27.06	2024	Coffee
WWW.SIRIUSCOM.COM	603	496	9495	43190	0000	10.00	2024	Office G3 Licenses: Parker, Knapp

October 2024 US Bank P-Card Allocations								
Vendor	Account					Amount	Fiscal Year	Description
VZWRLLS*APOCC VISB	603	496	9495	43250	0000	41.38	2024	Storm Water Cell Phone - September
IN *AMERICAN PAYMENT CENT	603	496	9495	44120	0000	70.00	2024	Utility Drop Box - Sept, Oct, Nov 2024
AMAZON MKTPL*4P9OT7NO3	609	497	9760	42100	0000	34.78	2024	RWAS tools, iron, parchment
AMZN MKTP US*UC13O9WU3	609	497	9760	42100	0000	239.79	2024	RWAS racking
AMAZON MKTPL*DN75957V3	609	497	9760	42100	0000	16.31	2024	RWAS cooler labels
TARGET 00014563	609	497	9760	42100	0000	53.28	2024	RWAS TP, tissues
AMZN MKTP US*LE8CV9ZW3	609	497	9760	42100	0000	105.34	2024	RWAS iron on patches for shirts
AMAZON MKTPL*GJ4JF8MM3	609	497	9760	42100	0000	69.60	2024	RWAS hooks for cooler rails
AMERICAN CANNING	609	497	9760	42100	0000	259.99	2024	RWAS 6 pk snap-on lids
CUB FOODS	609	497	9760	42100	0000	52.76	2024	RWAS cleaning supplies, tissues, trash bags
CUB FOODS	609	497	9760	42540	0000	72.35	2024	RWAS pop for resale
ECR SOFTWARE CORPORATION	609	497	9760	43190	0000	280.50	2024	RWAS Price label update
VZWRLLS*APOCC VISB	609	497	9760	43250	0000	62.07	2024	Liquor Cell Phones - September
INDOORMEDIA	609	497	9760	43420	0000	492.50	2024	RWAS Cub promo -November 2024
INDOORMEDIA	609	497	9760	43420	0000	492.50	2024	RWAS Cub promo -December 2024
INDOORMEDIA	609	497	9760	43420	0000	492.50	2025	RWAS Cub promo -January 2025
ROGERS TRUE VALUE	609	497	9770	42100	0000	18.48	2024	Muni cable ties
CUB FOODS- ROGERS	609	497	9770	42100	0000	36.49	2024	Muni fruit, tissues
CUB FOODS- ROGERS	609	497	9770	42100	0000	37.19	2024	Muni fruit
CUB FOODS- ROGERS	609	497	9770	42100	0000	17.24	2024	Muni fruit, pickles
AMAZON MKTPL*PF8IF9PF3	609	497	9770	42100	0000	40.33	2024	Muni pizza condiments
CUB FOODS	609	497	9770	42100	0000	8.91	2024	Muni fruit
TARGET 00014563	609	497	9770	42100	0000	14.83	2024	Muni fruit
CUB FOODS	609	497	9770	42540	0000	45.58	2024	Muni pop for mix
COMCAST ST. PAUL	609	497	9770	43100	0000	585.18	2024	Muni cable--September
COMCAST ST. PAUL	609	497	9770	43100	0000	593.77	2024	Muni cable--October
VZWRLLS*APOCC VISB	609	497	9770	43250	0000	62.07	2024	Liquor Cell Phones - September
SQ *SQUARE PAID SERVICES	609	497	9770	44300	0000	35.00	2024	10/24 Square Location Fee Event Center
AMAZON PRIME*QW9WE0D63	609	497	9770	44330	0000	16.31	2024	Muni Prime subscription
	100	000	0000	10100	0000	(25,572.96)		October 2024 P-Card Allocations
	205	000	0000	10100	0000	(3,142.04)		October 2024 P-Card Allocations
	206	000	0000	10100	0000	(241.62)		October 2024 P-Card Allocations
	207	000	0000	10100	0000	(3,101.90)		October 2024 P-Card Allocations
	449	000	0000	10100	0000	(1,598.47)		October 2024 P-Card Allocations
	601	000	0000	10100	0000	(217.57)		October 2024 P-Card Allocations
	602	000	0000	10100	0000	(218.89)		October 2024 P-Card Allocations
	603	000	0000	10100	0000	(177.50)		October 2024 P-Card Allocations
	609	000	0000	10100	0000	(4,235.65)		October 2024 P-Card Allocations
						Total	(38,506.60)	
						Payment Total	38,506.60	
						Difference	-	



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.3

Subject: Approve Resolution 2024-110 Approving Deferred Special Assessment Agreements and Revised Assessment Roll, Arthur Street Utility Extension, City Project No. 1714

Prepared By: Doran Cote, Public Works Director/City Engineer

Overview / Background / Analysis

Arthur Street is a 21 lot rural subdivision, Rogers Sunset Acres, with an average lot size of 2-3 acres with only 20 lots having access to Arthur Street. These properties have private wells and septic systems. The majority of these homes were built in the late 1980s and early 1990s, making the original septic systems near their 30 year design life. Within the last 5 years, four properties have sold and each had a failing septic system. To be in compliance with county requirements, a mound septic system was constructed on three of these properties, costing between \$18,000 and \$23,000 per system. After realizing the costs of these systems, an investment in the sewer system from the city to serve the properties along Arthur Street was prudent and feasible.

Staff had been working with the property owner of 13210 Arthur Street since early 2022 regarding the extension of sanitary sewer to serve his property to address his failing septic system. On July 12, 2023 the property owner submitted petitions signed by 7 of the 20 properties in Rogers Sunset Acres with access to Arthur Street requesting the extension of sanitary sewer to serve their properties. This represented 35% of the affected properties in accordance with Minnesota State Statutes 429.035. On February 13, 2024, the City Council held a Public Improvement Hearing, Assessment Public Hearing and awarded a contract for the extension of utilities on Arthur Street from 129th Avenue to 620' north of 129th Avenue and from Fawn Trail to 650' south of Fawn Trail. That project is now substantially complete.

For sewer, seven properties were proposed to be assessed on a unit basis. Because there are existing onsite systems, the City Council addressed the consideration of extension of public utilities in a manner similar to what was done when public utilities were extended on Genereux Place (City Project No. 1511) in 2016 and Basswood Lane (City Project 2210) in 2022:

- a. The city undertook a public improvement project to extend sanitary sewer along Arthur Street at no immediate cost unless connected to sewer.
- b. Assessments to existing developed properties would consist of the cost of the service stubs extended to each property and sewer availability charge (SAC) will be charged upon connection to the system.
- c. Upon execution of a Deferred Assessment Agreement, property owners have up to 20 years to connect to the city system and there will be no interest charged on the

pending assessment. The pending assessment will be placed against the property that becomes transferrable upon the sale of the property. The 20 years would not be extended unless the property owner requests an extension and verifies the septic system is functioning according to the current code.

d. If any undeveloped properties are developed, the assessment will be the same as what is being assessed to the developed properties.

e. No trunk charges will be assessed due to the fact that existing trunk systems have been previously installed.

In February, 2023, the approved assessment rates based on the apparent low bid were as follows:

Sewer - \$2,309/unit + SAC at the time of connection (currently \$2,500 for onsite systems)

Since the public hearings, multiple notices were sent to the 7 properties affected by this improvement advising them that the Deferred Assessment Agreement would need to be executed before November 1, 2024 in order for the property not to be assessed.

Since then 4 of the 7 properties that were included in the preliminary assessment roll returned the signed agreements and 1 property made connection to the sewer (the property with the failed septic system) and 1 property owner paid the assessment. One additional property owner not included in the preliminary assessment roll also submitted a signed agreement. The property owner who made connection to the sewer has chosen to be assessed. The attached resolution approves the deferred assessment agreements and revises the assessment roll to include only 13025 and 13210 Arthur Street.

Staff Recommendation

Motion to Approve Resolution 2024-110 Approving Deferred Special Assessment Agreements and Revised Assessment Roll, Arthur Street Utility Extension, City Project No. 1714

Financial Impact: \$4,618

Source Fund: Special Assessments

Budgeted? Yes

Supporting Documentation

- A. Resolution 2024-110
- B. FOLK Deferred Assessment Agreement
- C. IVEY Deferred Assessment Agreement
- D. KRUMWIEDE Deferred Assessment Agreement
- E. MOOTZ Deferred Assessment Agreement

F. REICHERT Deferred Assessment Agreement

RESOLUTION NO. 2024-110

A RESOLUTION APPROVING DEFERRED SPECIAL ASSESSMENT AGREEMENTS AND ADOPTING REVISED ASSESSMENTS FOR IMPROVEMENTS TO ARTHUR STREET SEWER FROM 129TH AVENUE TO 620 FEET NORTH OF 129TH AVENUE AND FROM FAWN TRAIL TO 650 FEET SOUTH OF FAWN TRAIL - CITY PROJECT NO. 1714

WHEREAS, pursuant to proper notice duly given as required by law, the council has met and heard and passed upon all objections to the proposed assessment for Improvement No. 1714, improvements to Arthur Street from 129th Avenue to 620' north of 129th Avenue and from Fawn Trail to 650' south of Fawn Trail by installing sanitary sewer, and;

WHEREAS, the following properties have executed Deferred Special Assessment Agreements for the previously adopted sanitary sewer assessments:

PID	Address	Owner
2212023130011	12915 Arthur Street	Todd A Mootz & Deann L Mootz
2212023130010	12945 Arthur Street	David L Reichert & Nancy A Reichert
2212023130009	12975 Arthur Street	Darin G & Janelle M Folk
2212023130012	12980 Arthur Street	Chad R Krumwiede & Nicole M Krumwiede
2212023120009	13255 Arthur Street	Shannon J & Katherine B Ivey

NOW, THEREFORE BE IT RESOLVED, by the City Council of the City of Rogers:

1. Such proposed revised assessment, a copy of which is attached hereto and made a part hereof, is hereby accepted and shall constitute the special assessment against the lands named therein, and each tract of land therein included is hereby found to be benefited by the proposed improvement in the amount of the assessment levied against it.
2. Such assessment is proposed to be payable in equal annual installments extending over a period of five (5) years, the first of the installments to be payable on or before the first Monday in January 2025, and will bear interest at the rate of 4.5 percent per annum from the date of the adoption of the assessment resolution. To the first installment shall be added interest on the entire assessment from the date of the assessment resolution until December 31, 2024. To each subsequent installment when due shall be added interest for one (1) year on all unpaid installments.
3. The owner of any property so assessed may, at any time prior to certification of the assessment to the county auditor, pay the whole of the assessment on such property, with interest accrued to the date of payment, to the city treasurer, except that no interest shall be charged if the entire assessment is paid within 30 days from the adoption of this resolution; and he/she may, at any time thereafter, pay to the city treasurer the entire amount of the assessment remaining unpaid, with interest accrued to December 31 of the year in which such payment is made. Such payment must be made before November 15 or interest will be charged through December 31 of the next succeeding year.

4. The clerk shall forthwith transmit a certified duplicate of this assessment to the county auditor to be extended on the property tax lists of the county. Such assessments shall be collected and paid over in the same manner as other municipal taxes.
5. The Deferred Special Assessment Agreements are approved and the Mayor and City Clerk are hereby authorized to execute them on behalf of the City Council.
6. The Deferred Special Assessment Agreements shall be recorded with the Hennepin County Registrar of Titles.

Moved by Councilmember _____, seconded by Councilmember _____.

The following voted in favor of said Resolution: _____

_____.

The following voted against the same: _____.

The following abstained: _____.

WHEREUPON this Resolution was declared duly-passed and adopted, and was signed by the Mayor and attested by the City Clerk this 12th day of November, 2024.

Mayor

ATTEST:

City Clerk

Assessment Roll – City Project No. 1714

PID	Address		Owner	Sewer	Total	Defer/Levy
2212023130011	12915 Arthur Street	Rogers MN 55374	Todd A Mootz & Deann L Mootz	\$ 2,309	\$ 2,309	Defer
2212023130010	12945 Arthur Street	Rogers MN 55374	David L Reichert & Nancy A Reichert	\$ 2,309	\$ 2,309	Defer
2212023130009	12975 Arthur Street	Rogers MN 55374	Darin G & Janelle M Folk	\$ 2,309	\$ 2,309	Defer
2212023130012	12980 Arthur Street	Rogers MN 55374	Chad R Krumwiede & Nicole M Krumwiede	\$ 2,309	\$ 2,309	Defer
2212023130008	13025 Arthur Street	Rogers MN 55374	Kirk Brum & Nicole Rekucki	\$ 2,309	\$ 2,309	Levy
2212023120004	13210 Arthur Street	Rogers MN 55374	Charles Mykleby & Danika Taraldson	\$ 2,309	\$ 2,309	Levy
2212023120003	13250 Arthur Street	Rogers MN 55374	William & Linda Witkowski	\$ -	\$ -	Paid 10/3/2024
2212023120009	13255 Arthur Street	Rogers MN 55374	Shannon J & Katherine B Ivey	\$ -	\$ -	Defer
Total				\$ 13,854	\$ 13,854	

DEFERRED SPECIAL ASSESSEMENT AGREEMENT
Darin G. Folk and Janelle M. Folk (Owner)

WHEREAS, the City of Rogers will construct utility improvements on Arthur Street, within the City of Rogers, County of Hennepin ("**Project**");

WHEREAS, the City intends to assess a portion of the costs for the Project against benefitted properties and one such property is located at 12975 Arthur Street, identified as PID 22-120-23-13-0009 and legally-described on the attached Exhibit A ("**Benefitted Property**");

WHEREAS, the Benefitted Property is a residential property owned by Darin G. Folk and Janelle M. Folk (the "**Owner**"); and

WHEREAS, the City is willing to defer special assessments of \$2,309.00 for sewer to the Benefitted Property for a period of twenty (20) years from the date of this Agreement, or until the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.

NOW, THEREFORE, Owner and the City agree as follows:

- 1) Owner agrees that the Benefitted Property is specially benefitted by the Project and Owner agrees to have the Benefitted Property assessed for the special benefit in accordance with this Agreement.
- 2) Owner agrees, by execution of this Agreement, to waive all hearings and notices associated with the special assessment of the Benefitted Property provided by Minnesota Statute §429.
- 3) City and Owner agree the Benefitted Property shall be assessed as follows:
 - a) The City agrees to defer the special assessment in the amount of \$2,309.00, without interest, on the Benefitted Property for a period of twenty (20) years from the date of this Agreement, unless the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.
 - b) At the conclusion of the deferral period as provided above, the Benefitted Property will be assessed \$2,309.00 for a period of five (5) years at 5.5% interest.

- c) If after twenty (20) years from the date of this Agreement the septic is functioning and meets all applicable requirements, including Rogers City Code, the Owner may request an extension which the City may, in its discretion, grant.
- d) Should the Benefitted Property be subdivided in the future, the resulting lots will each be subject to special assessments of \$2,309.00, with the assessments against each newly created lot levied upon such lot's connection to public sanitary sewer.
- 4) Recording: This Agreement will be recorded against the Benefitted Property and will run with the land and bind Owner's successors and assigns.

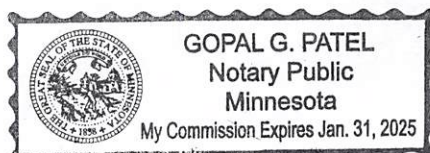
OWNER

Darin G. Folk
Darin G. Folk

Janelle M. Folk
Janelle M. Folk

STATE OF MINNESOTA)
) ss.
COUNTY OF Hennepin)

The foregoing instrument was acknowledged before me this 31st day of May, 2024, by Darin G. Folk and Janelle M. Folk, Owner.



Gopal Patel
Notary Public

CITY OF ROGERS

By: _____
Rick Ihli, Mayor

By: _____
Stacie Brown, City Clerk

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by Rick Ihli and Stacie Brown, the Mayor and Clerk, respectively, of the City of Rogers, a Minnesota municipal corporation, on behalf of the corporation.

Notary Public

DRAFTED BY:
Kennedy & Graven, Chartered
150 South 5th Street, Suite 700
Minneapolis, MN 55402
(612) 337-9300

EXHIBIT A
Legal Description
PID 22-120-23-13-0009

Lot 10, Block 2, Rogers Sunset Acres, Hennepin County, Minnesota.

DEFERRED SPECIAL ASSESSEMENT AGREEMENT
Shannon and Katherine Ivey (Owner)

WHEREAS, the City of Rogers will construct utility improvements on Arthur Street, within the City of Rogers, County of Hennepin ("**Project**");

WHEREAS, the City intends to assess a portion of the costs for the Project against benefitted properties and one such property is located at 13255 Arthur Street, identified as PID 22-120-23-12-0009 and legally-described on the attached Exhibit A ("**Benefitted Property**");

WHEREAS, the Benefitted Property is a residential property owned by Shannon and Katherine Ivey (the "**Owner**"); and

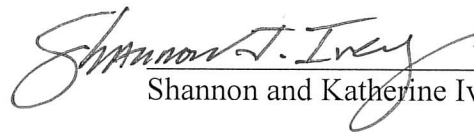
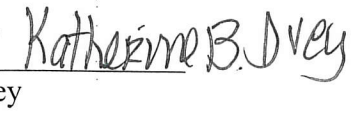
WHEREAS, the City is willing to defer special assessments of \$2,309.00 for sewer to the Benefitted Property for a period of twenty (20) years from the date of this Agreement, or until the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.

NOW, THEREFORE, Owner and the City agree as follows:

- 1) Owner agrees that the Benefitted Property is specially benefitted by the Project and Owner agrees to have the Benefitted Property assessed for the special benefit in accordance with this Agreement.
- 2) Owner agrees, by execution of this Agreement, to waive all hearings and notices associated with the special assessment of the Benefitted Property provided by Minnesota Statute §429.
- 3) City and Owner agree the Benefitted Property shall be assessed as follows:
 - a) The City agrees to defer the special assessment in the amount of \$2,309.00, without interest, on the Benefitted Property for a period of twenty (20) years from the date of this Agreement, unless the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.
 - b) At the conclusion of the deferral period as provided above, the Benefitted Property will be assessed \$2,309.00 for a period of five (5) years at 5.5% interest.

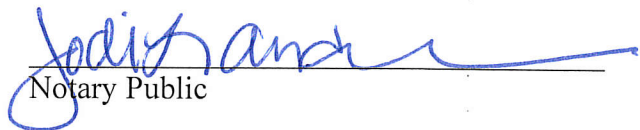
- c) If after twenty (20) years from the date of this Agreement the septic is functioning and meet all applicable requirements, including Rogers City Code, the Owner may request an extension which the City may, in its discretion, grant.
- d) Should the Benefitted Property be subdivided in the future, the resulting lots will each be subject to special assessments of \$2,309.00, with the assessments against each newly created lot levied upon such lot's connection to public sanitary sewer.
- 4) Recording: This Agreement will be recorded against the Benefitted Property and will run with the land and bind Owner's successors and assigns.

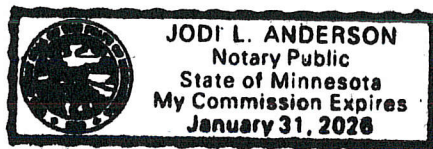
OWNER

 
Shannon and Katherine Ivey

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this 19th day of September, 2024 by, Owner.


Notary Public



CITY OF ROGERS

By: _____
Rick Ihli, Mayor

By: _____
Stacie Brown, City Clerk

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by Rick Ihli and Stacie Brown, the Mayor and Clerk, respectively, of the City of Rogers, a Minnesota municipal corporation, on behalf of the corporation.

Notary Public

DRAFTED BY:
Kennedy & Graven, Chartered
150 South 5th Street, Suite 700
Minneapolis, MN 55402
(612) 337-9300

EXHIBIT A
PID 22-120-23-12-0009 – Legal Description

Lot 2, Block 2, Rogers Sunset Acres

DEFERRED SPECIAL ASSESSEMENT AGREEMENT
Chad R. Krumwiede and Nicole M. Krumwiede (Owner)

WHEREAS, the City of Rogers will construct utility improvements on Arthur Street, within the City of Rogers, County of Hennepin ("**Project**");

WHEREAS, the City intends to assess a portion of the costs for the Project against benefitted properties and one such property is located at 12980 Arthur Street, identified as PID 22-120-23-13-0012 and legally-described on the attached Exhibit A ("**Benefitted Property**");

WHEREAS, the Benefitted Property is a residential property owned by Chad R. Krumwiede and Nicole M. Krumwiede (the "**Owner**"); and

WHEREAS, the City is willing to defer special assessments of \$2,309.00 for sewer to the Benefitted Property for a period of twenty (20) years from the date of this Agreement, or until the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.

NOW, THEREFORE, Owner and the City agree as follows:

- 1) Owner agrees that the Benefitted Property is specially benefitted by the Project and Owner agrees to have the Benefitted Property assessed for the special benefit in accordance with this Agreement.
- 2) Owner agrees, by execution of this Agreement, to waive all hearings and notices associated with the special assessment of the Benefitted Property provided by Minnesota Statute §429.
- 3) City and Owner agree the Benefitted Property shall be assessed as follows:
 - a) The City agrees to defer the special assessment in the amount of \$2,309.00, without interest, on the Benefitted Property for a period of twenty (20) years from the date of this Agreement, unless the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.
 - b) At the conclusion of the deferral period as provided above, the Benefitted Property will be assessed \$2,309.00 for a period of five (5) years at 5.5% interest.

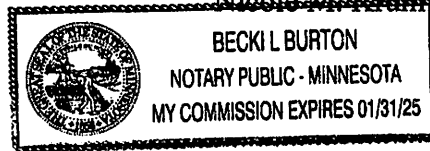
- c) If after twenty (20) years from the date of this Agreement the septic is functioning and meets all applicable requirements, including Rogers City Code, the Owner may request an extension which the City may, in its discretion, grant.
 - d) Should the Benefitted Property be subdivided in the future, the resulting lots will each be subject to special assessments of \$2,309.00, with the assessments against each newly created lot levied upon such lot's connection to public sanitary sewer.
- 4) Recording: This Agreement will be recorded against the Benefitted Property and will run with the land and bind Owner's successors and assigns.

OWNER

Chad R. Krumwiede
Chad R. Krumwiede

Nicole M. Krumwiede
~~Nicole M. Krumwiede~~

STATE OF MINNESOTA)
) ss.
COUNTY OF Hennepin)



The foregoing instrument was acknowledged before me this 24 day of February 2024, by Chad Krumwiede and Nicole Krumwiede, Owner.

Becki Burton
Notary Public

CITY OF ROGERS

By: _____
Rick Ihli, Mayor

By: _____
Stacie Brown, City Clerk

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by Rick Ihli and Stacie Brown, the Mayor and Clerk, respectively, of the City of Rogers, a Minnesota municipal corporation, on behalf of the corporation.

Notary Public

DRAFTED BY:
Kennedy & Graven, Chartered
150 South 5th Street, Suite 700
Minneapolis, MN 55402
(612) 337-9300

EXHIBIT A
Legal Description
PID 22-120-23-13-0012

Lot 9, Block 1, Rogers Sunset Acres, Hennepin County, Minnesota.

DEFERRED SPECIAL ASSESSEMENT AGREEMENT
Todd A. Mootz and Deann L. Mootz (Owner)

WHEREAS, the City of Rogers will construct utility improvements on Arthur Street, within the City of Rogers, County of Hennepin ("**Project**");

WHEREAS, the City intends to assess a portion of the costs for the Project against benefitted properties and one such property is located at 12915 Arthur Street, identified as PID 22-120-23-13-0011 and legally-described on the attached Exhibit A ("**Benefitted Property**");

WHEREAS, the Benefitted Property is a residential property owned by Todd A. Mootz and Deann L. Mootz (the "**Owner**"); and

WHEREAS, the City is willing to defer special assessments of \$2,309.00 for sewer to the Benefitted Property for a period of twenty (20) years from the date of this Agreement, or until the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.

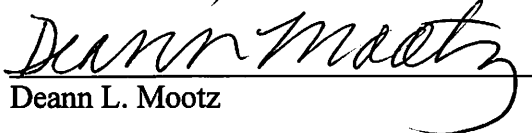
NOW, THEREFORE, Owner and the City agree as follows:

- 1) Owner agrees that the Benefitted Property is specially benefitted by the Project and Owner agrees to have the Benefitted Property assessed for the special benefit in accordance with this Agreement.
- 2) Owner agrees, by execution of this Agreement, to waive all hearings and notices associated with the special assessment of the Benefitted Property provided by Minnesota Statute §429.
- 3) City and Owner agree the Benefitted Property shall be assessed as follows:
 - a) The City agrees to defer the special assessment in the amount of \$2,309.00, without interest, on the Benefitted Property for a period of twenty (20) years from the date of this Agreement, unless the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.
 - b) At the conclusion of the deferral period as provided above, the Benefitted Property will be assessed \$2,309.00 for a period of five (5) years at 5.5% interest.

- c) If after twenty (20) years from the date of this Agreement the septic is functioning and meets all applicable requirements, including Rogers City Code, the Owner may request an extension which the City may, in its discretion, grant.
- d) Should the Benefitted Property be subdivided in the future, the resulting lots will each be subject to special assessments of \$2,309.00, with the assessments against each newly created lot levied upon such lot's connection to public sanitary sewer.
- 4) Recording: This Agreement will be recorded against the Benefitted Property and will run with the land and bind Owner's successors and assigns.

OWNER

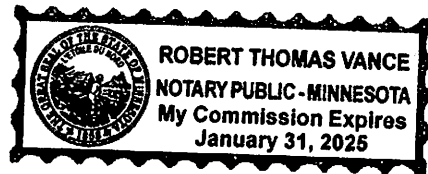

Todd A. Mootz


Deann L. Mootz

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNERIN)

The foregoing instrument was acknowledged before me this 26 day of FEBRUARY, 2024, by TODD MOOTZ and DEANN MOOTZ, Owner


Notary Public



CITY OF ROGERS

By: _____
Rick Ihli, Mayor

By: _____
Stacie Brown, City Clerk

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by Rick Ihli and Stacie Brown, the Mayor and Clerk, respectively, of the City of Rogers, a Minnesota municipal corporation, on behalf of the corporation.

Notary Public

DRAFTED BY:
Kennedy & Graven, Chartered
150 South 5th Street, Suite 700
Minneapolis, MN 55402
(612) 337-9300

EXHIBIT A
Legal Description
PID 22-120-23-13-0011

Lot 12, Block 2, Rogers Sunset Acres, Hennepin County, Minnesota.

DEFERRED SPECIAL ASSESSEMENT AGREEMENT
David L. Reichert and Nancy A. Reichert (Owner)

WHEREAS, the City of Rogers will construct utility improvements on Arthur Street, within the City of Rogers, County of Hennepin ("**Project**");

WHEREAS, the City intends to assess a portion of the costs for the Project against benefitted properties and one such property is located at 12945 Arthur Street, identified as PID 22-120-23-13-0010 and legally-described on the attached Exhibit A ("**Benefitted Property**");

WHEREAS, the Benefitted Property is a residential property owned by David L. Reichert and Nancy A. Reichert (the "**Owner**"); and

WHEREAS, the City is willing to defer special assessments of \$2,309.00 for sewer to the Benefitted Property for a period of twenty (20) years from the date of this Agreement, or until the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.

NOW, THEREFORE, Owner and the City agree as follows:

- 1) Owner agrees that the Benefitted Property is specially benefitted by the Project and Owner agrees to have the Benefitted Property assessed for the special benefit in accordance with this Agreement.
- 2) Owner agrees, by execution of this Agreement, to waive all hearings and notices associated with the special assessment of the Benefitted Property provided by Minnesota Statute §429.
- 3) City and Owner agree the Benefitted Property shall be assessed as follows:
 - a) The City agrees to defer the special assessment in the amount of \$2,309.00, without interest, on the Benefitted Property for a period of twenty (20) years from the date of this Agreement, unless the existing septic system fails or is deemed by the City to have failed, or until the Benefitted Property is sold or develops, whichever occurs first.
 - b) At the conclusion of the deferral period as provided above, the Benefitted Property will be assessed \$2,309.00 for a period of five (5) years at 5.5% interest.

- c) If after twenty (20) years from the date of this Agreement the septic is functioning and meets all applicable requirements, including Rogers City Code, the Owner may request an extension which the City may, in its discretion, grant.
- d) Should the Benefitted Property be subdivided in the future, the resulting lots will each be subject to special assessments of \$2,309.00, with the assessments against each newly created lot levied upon such lot's connection to public sanitary sewer.
- 4) Recording: This Agreement will be recorded against the Benefitted Property and will run with the land and bind Owner's successors and assigns.

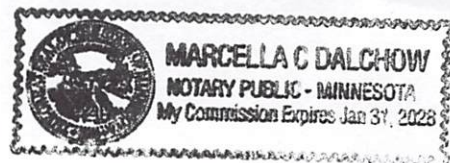
OWNER

David L. Reichert
David L. Reichert
Nancy A. Reichert
Nancy A. Reichert

STATE OF MINNESOTA)
) ss.
COUNTY OF Hennepin)

The foregoing instrument was acknowledged before me this 13th day of May, 2024, by David Reichert and Nancy Reichert, Owner.

Marcel Dalchow
Notary Public



CITY OF ROGERS

By: _____
Rick Ihli, Mayor

By: _____
Stacie Brown, City Clerk

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by Rick Ihli and Stacie Brown, the Mayor and Clerk, respectively, of the City of Rogers, a Minnesota municipal corporation, on behalf of the corporation.

Notary Public

DRAFTED BY:
Kennedy & Graven, Chartered
150 South 5th Street, Suite 700
Minneapolis, MN 55402
(612) 337-9300

EXHIBIT A
Legal Description
PID 22-120-23-13-0010

Lot 11, Block 2, Rogers Sunset Acres, Hennepin County, Minnesota.



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.4

Subject: Approve Amendment to Professional Service Agreement with JLG Architects for Multipurpose Indoor Turf Facility, City Project No. 2201

Prepared By: Doran Cote, Public Works Director/City Engineer

Overview / Background / Analysis

On April 10, 2024 the City Council approved a Professional Services Agreement (PSA) with JLG Architects for architectural and engineering services for the Rogers Indoor Multipurpose Turf Facility, City Project 2201. The project was split into two separate bid packages; the pre-engineered stretched fabric structure (PEFS) and the rest of the of the facility (site work, entrance, restrooms, programming areas, electrical, mechanical, plumbing and the artificial turf). Both bid packages included several alternates that were not contemplated in the original PSA with JLG Architects. The attached amendment is for the additional work needed to design the bid alternates and is for \$22,265.09 or 4.5% of the original \$450,000 contract.

Staff Recommendation

Motion to Approve Amendment to Professional Service Agreement with JLG Architects for Multipurpose Indoor Turf Facility, City Project No. 2201

Financial Impact: \$22,265.09

Source Fund: LOST

Budgeted? Yes

Supporting Documentation

A. Amendment to Professional Services Agreement



AIA® Document G802® – 2017

Amendment to the Professional Services Agreement

PROJECT: *(name and address)*
20166 - Rogers Indoor Turf

AGREEMENT INFORMATION:
Date: April 10, 2024

AMENDMENT INFORMATION:
Amendment Number: 001
Date: October 17, 2024

OWNER: *(name and address)*
City of Rogers, A Minnesota
Municipal Corporation
Rogers City Hall
22350 Diamond Lake Road
Rogers, MN 5537

ARCHITECT: *(name and address)*
JLG Architects
710 S. 2nd St.
8th Floor
Minneapolis, MN 55401

The Owner and Architect amend the Agreement as follows:

Design and engineering coordination of alternates #4, #5, #6 accepted and approved as a part of Bid Pack #1 for the Pre-Engineered Fabric Structure.

- Alternate #4 - Coordination of outlets and switches to be recessed into PEFS wall cavity rather than surface mounted.
- Alternate #5 - Break metal trim around all openings in lieu of PEFS manufacturers standard plastic trim
- Alternate #6 - Increase building width to 226'-0" from 220'-0"

The Architect's compensation and schedule shall be adjusted as follows:

Compensation Adjustment: \$22,265.09

Schedule Adjustment: None

SIGNATURES:

JLG Architects

City of Rogers, A Minnesota
Municipal Corporation

ARCHITECT *(Firm name)*

OWNER *(Firm name)*

-See attached signatures page-

-See attached signatures page-

SIGNATURE

SIGNATURE

Ryan Rademacher, Principal
PRINTED NAME AND TITLE

Doran Cote, Public Works Director
PRINTED NAME AND TITLE

DATE

DATE

Signatures Page

Ryan Rademacher

Digitally signed by Ryan Rademacher
DN: C=US,
E=rrademacher@jlgarchitects.com,
O=JLG Architects, OU=Sport,
CN=Ryan Rademacher
Reason: I agree to the terms defined
by the placement of my signature on
this document
Date: 2024.10.21 09:58:21-05'00'



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.5

Subject: Approval of a Cooperative Agreement with Hennepin County Housing and Redevelopment Authority for the Continuation of Elevate Hennepin Services.

Prepared By: Brett Angell, Community Development Director

Overview / Background / Analysis

On May 9th, 2023, the City Council approved an agreement with the Hennepin County Housing and Redevelopment Authority ("County") to become a city-partner in the Elevate Hennepin platform. At the time of the initial approval, the Elevate Hennepin program replaced the previously offered Open to Business program as the primary small business technical assistance offering for the city.

Elevate Hennepin is a no-cost business technical assistance platform which provides businesses who are located in Rogers or residents seeking to start a business with access to customized, professional resources and guidance. Through contracts with the County, numerous advisors are available for businesses to tap into to aid in the creation, growth, or continuation of their business. Service areas include advisors who specialize in start-up, legal, marketing, strategic plan, human resources, technology, financing, and more. The City of Rogers is one of 18 Hennepin County cities which are partners in the program. The other cities include: Bloomington, Brooklyn Center, Brooklyn Park, Crystal, Dayton, Eden Prairie, Edina, Golden Valley, Hopkins, Maple Grove, Medina, Minnetonka, New Hope, Plymouth, Richfield, Robbinsdale, and St. Louis Park.

Through the end of Q2 2024, eleven Rogers businesses have utilized the Elevate Hennepin services for a combined total of 46 consulting hours. Of the businesses that have received services, 11% of the businesses were in the idea stage, 22% as self-employed, 11% in the 1-4 employee category, and 56% in the 5 more employees' category. While the program had a slower start in terms of overall usage, it is expected to continue to grow in usage as additional businesses and residents become aware of the services via continued promotion. The City of Rogers has a positive example of an Elevate Hennepin success story in Ripple Effect Brewing Company. REBC utilized Elevate Hennepin services to aid in the creation of their business plan and other start-up related items.

The proposed Cooperative Agreement would extend the city partnership into the program through the end of 2026. The annual contract fee amount for the city would remain consistent with the existing agreement at \$5,000 annually. Additionally, staff will continue to work directly with Hennepin County staff on promotional best practices and aid in the selection of advisors for the platform.

Staff Recommendation

Motion to approve the Cooperative Agreement with Hennepin County Housing and Redevelopment Authority for the continuation of the Elevate Hennepin partnership in 2025-2026, subject to review and approval by the City Attorney.

Financial Impact: \$5,000 annually.

Source Fund: EDA

Budgeted? Yes

Supporting Documentation

A. 2025-2026 City HC Elevate Hennepin Agreement - Rogers

ELEVATE HENNEPIN™ COOPERATIVE AGREEMENT

This Agreement (“Agreement”) is between the Hennepin County Housing and Redevelopment Authority, A-2300 Government Center, Minneapolis, Minnesota 55487, a public body corporate and politic under the law of the State of Minnesota (“HCHRA”) and the City of Rogers, 22350 South Diamond Lake Road, Rogers, MN 55374 (“CITY”), a political subdivision of the State of Minnesota (each a “Party”) (collectively “Parties”).

RECITALS

WHEREAS, the Parties recognize a need for inter-governmental cooperation to effectively and equitably implement, promote and sustain Elevate Hennepin, a suite of small business resources and programming that provides aspiring entrepreneurs and local businesses based in Hennepin County with inclusive access to professional consulting, a network of over thirty culturally diverse small business technical experts, and targeted cohort-based programming for businesses at specific stages of growth, all of which are available through a website that provides one-stop access to a wide variety of events, trainings, loans, and other small business resources offered by multiple agencies (“Elevate Hennepin”); and

WHEREAS, this inter-governmental cooperation represents a multijurisdictional program designed to promote economic development and job creation; and

WHEREAS, the Parties are authorized to enter into this Agreement pursuant to Minnesota Statute § 383B.79 and other applicable law.

NOW THEREFORE, the Parties agree to cooperate in the implementation and promotion of the Program as follows:

1. TERM AND COST OF THE AGREEMENT

This Agreement shall commence on January 1, 2025, and expire on December 31, 2026 unless cancelled or terminated earlier in accordance with the provisions herein.

CITY shall pay HCHRA in accordance with this Agreement an annual fee of **Five Thousand Dollars and no/100 (\$5,000.00) in 2025, and Five Thousand Dollars and no/100 (\$5,000.00) in 2026**. The total cost of this Agreement, including all reimbursable expenses, shall not exceed **Ten Thousand Dollars and no/100 (\$10,000.00)**.

2. SERVICES TO BE PROVIDED

A. HCHRA shall maintain Elevate Hennepin as described above, offering technical assistance and cohort programming, available at no-cost to qualifying businesses and entrepreneurs located in City of Rogers throughout the contract term. HCHRA shall provide CITY with a bi-annual report documenting the number of business clients

- served by the Program, aggregate demographics of business clients, a bi-annual list of business clients that have used Elevate Hennepin to assist CITY in measuring outcomes.
- B. HCHRA shall provide CITY with branding guidelines and communication toolkits to promote Elevate Hennepin on the City of Rogers's website, newsletter, social media, and other communication channels. HCHRA shall promote and recognize CITY as an Elevate Hennepin sponsor and include recognition of CITY on the website promoting all Elevate Hennepin programming.

CITY shall promote Elevate Hennepin on the City of Rogers's website, newsletters, social media, and other forms of communications, as appropriate and following the directives in Section 19 of this Agreement, and shall follow HCHRA's branding guidelines, as directed by HCHRA. CITY shall make best efforts to coordinate communications with HCHRA and provide a bi-annual update on CITY's promotional and communication efforts, in a virtual meeting with HCHRA staff.

- C. CITY confirms, transfers, assigns, and conveys to HCHRA all right, title, and interest in all intellectual property which CITY may create, conceive, develop, or originate, either individually or jointly with others, and which arises out of the performance of this Agreement, including but not limited to copyrights, patents, trade secrets, trademarks, service marks, and rights in data or other technology ("Intellectual Property Rights"). As applicable, all works of authorship created by CITY for HCHRA in performance of this Agreement shall be considered "works made for hire" as defined in the U.S. Copyright Act. CITY shall, upon request of HCHRA, execute all papers and perform all other acts necessary to assist HCHRA to establish, protect, and preserve HCHRA's Intellectual Property Rights.

For clarification, each Party shall retain ownership of intellectual property developed prior to or outside of this Agreement ("Pre-existing IP"). However, and as applicable, HCHRA grants CITY a royalty-free license to use HCHRA's Elevate Hennepin service mark solely for the purposes and duration of this Agreement. Any use of the Elevate Hennepin name, service mark and/or any other Hennepin County or HCHRA Intellectual Property Rights that is not expressly permitted by this Agreement (including without limitation any use of the Elevate Hennepin service mark in connection with products sold under any third-party private label) is prohibited without the prior written consent of HCHRA. CITY recognizes and acknowledges that all right, title, and interest in and to the Elevate Hennepin service mark and Elevate Hennepin intellectual property is owned by HCHRA. The Elevate Hennepin service mark and any other Intellectual Property Rights licensed under this Agreement are provided on an "as is" basis.

- D. CITY agrees that when publicly identifying or using the Elevate Hennepin service mark, it will include a service mark symbol as follows: Elevate HennepinSM. CITY further agrees that it will immediately cease all use of the Elevate Hennepin service

mark and any HCHRA or Hennepin County Pre-existing IP upon termination of this Agreement.

- E. Should HCHRA rename or rebrand the Elevate Hennepin™ suite of resources and programming at any point as described in Section 12.B., the terms and obligations under this Section remain in force and will be applicable to the intellectual property under HCHRA's chosen name or brand.

3. PAYMENT FOR SERVICES

HCHRA shall invoice CITY on an annual basis by December 15. CITY shall provide payment by the end of each calendar year. In the event this Agreement is terminated early by either party in accordance with this Agreement, CITY shall be responsible for payment to HCHRA of a portion of any unpaid annual cost, prorated through the date notice of termination was provided.

4. CONTRACT ADMINISTRATION

To coordinate the services of HCHRA and CITY so as to accomplish the purposes of this Agreement, Brett Angell, Community Development Director, or successor ("Contract Administrator"), shall manage this Agreement on behalf of CITY and serve as liaison between CITY and HCHRA.

Lily Shaw, Economic Development Manager, lily.shaw@hennepin.us, Hennepin HCHRA Housing and Economic Development, 625 4th Avenue South, Suite 1500, Minneapolis, MN 55415, or successor, shall manage the Agreement on behalf of HCHRA.

5. INDEPENDENT CONTRACTORS

CITY and HCHRA shall select the means, method, and manner of performing the services. Nothing is intended nor should be construed as creating or establishing the relationship of a partnership or a joint venture between the parties or as constituting CITY as the agent, representative, or employee of HCHRA for any purpose. CITY and HCHRA are and shall remain independent contractors for all services performed under this Agreement. CITY and HCHRA shall secure at their own expense all personnel required in performing services under this Agreement. CITY's personnel and/or subcontractors engaged to perform any work or services required by this Agreement will have no contractual relationship with HCHRA and will not be considered employees of HCHRA. HCHRA shall not be responsible for any claims related to or on behalf of any of CITY's personnel, including without limitation, claims that arise out of employment or alleged employment under the Minnesota Unemployment Insurance Law (Minnesota Statutes Chapter 268) or the Minnesota Workers' Compensation Act (Minnesota Statutes Chapter 176) or claims of discrimination arising out of applicable law, against CITY, its officers, agents, contractors, or employees. Such personnel or other persons shall neither accrue nor be entitled to any compensation, rights, or benefits of any kind from HCHRA, including, without limitation,

tenure rights, medical and hospital care, sick and vacation leave, workers' compensation, unemployment compensation, disability, severance pay, and retirement benefits.

6. RECORDS – AVAILABILITY/ACCESS

Subject to the requirements of Minnesota Statutes section 16C.05, subd. 5, HCHRA, CITY, the State Auditor, or any of their authorized representatives, at any time during normal business hours, and as often as they may reasonably deem necessary, shall have access to and the right to examine, audit, excerpt, and transcribe any books, documents, papers, records, etc. which are pertinent to the accounting procedures and practices of the parties and involve transactions relating to this Agreement. The parties shall maintain these materials and allow access during the period of this Agreement and for six (6) years after its expiration, cancellation, or termination.

7. DEFAULT AND CANCELLATION/TERMINATION

Notwithstanding any provision of this Agreement, either Party may withdraw from this Agreement before the expiration date of December 31, 2026. Notice shall be effective upon delivery to the contact managers for each Party listed in Section 4 of this Agreement of a copy of the resolution of the Party's governing body, or a copy of the Party's appropriate administrative CITY, indicating its intent to withdraw from this Agreement.

If CITY or HCHRA fails to perform any of the provisions of this Agreement, fails to administer the work so as to endanger the performance of the Agreement or otherwise breaches or fails to comply with any of the terms of this Agreement, that Party shall be in default. Unless the default is excused in writing by the non-defaulting Party, the non-defaulting Party may upon written notice immediately cancel or terminate this Agreement in its entirety.

Each Party shall attempt to resolve disputes related to this Agreement in good faith.

8. INDEMNIFICATION

Each Party to this Agreement shall be liable for its own acts and the results thereof to the extent authorized by law and shall not be responsible for the acts of the other Party, its officers, employees or agents. Each Party hereby agrees to indemnify, hold harmless and defend the other, its officers, employees or agents, against any and all liability, loss, costs, damages, expenses, claims or actions, including attorney's fees which the other Party, its officers, employees or agents may sustain, incur or be required to pay, arising out of or by reason of any act or omission of the indemnifying Party, its officers, employees or agents, in the execution, performance, or failure to adequately perform its obligations pursuant to this Agreement. Liability of the Parties shall be governed by the provisions of the Municipal Tort Claims Act, Minn. Stat. Ch. 466, and other applicable laws.

Under no circumstances, however, shall a Party be required to pay on behalf of itself and the other Party, any amounts in excess of the limits on liability established in Minnesota

Municipal Tort Liability Act, Minn. Stat. Ch. 466, applicable to any one Party. The limits of liability for one or both of the Parties may not be added together to determine the maximum amount of liability for any Party.

9. INSURANCE

Each Party shall maintain public liability coverage protecting itself, its Board, officers, agents, employees and duly authorized volunteers against any unusual and customary public liability claims in amounts which shall, at a minimum, comply with Minn. Stat. § 466.04 and the Workers' Compensation law and shall be in accordance with Minnesota statutory requirements. Said policies shall be kept in effect during the entire term of this Agreement. The Parties may satisfy this requirement through a program of self-insurance.

10. DATA PRIVACY

- A. The Parties, their agents, employees, and any of their subcontractors, in providing all services hereunder, agree to abide by the provisions of the Minnesota Government Data Practices Act (MGDPA), Minn. Stat. Ch. 13, as amended, and Minn. Rules promulgated pursuant to chapter 13. Each Party shall promptly notify the other if either Party becomes aware of any potential claims, or facts giving rise to such claims, under the MGDPA or other data, data security, privacy or confidentiality laws, related to services performed under this Agreement.
- B. In addition to the foregoing MGDPA and other applicable law obligations, CITY shall comply with the following duties and obligations regarding HCHRA Data and HCHRA Systems (as each term is defined herein). As used herein, "HCHRA Data" means any data or information, and any copies thereof, created by CITY or acquired by CITY from or through HCHRA pursuant to this Agreement, including but not limited to handwriting, typewriting, printing, photocopying, photographing, facsimile transmitting, and every other means of recording any form of communication or representation, including electronic media, email, letters, works, pictures, drawings, sounds, videos, or symbols, or combinations thereof.

If CITY has access to or possession/control of HCHRA Data, CITY shall safeguard and protect the HCHRA Data in accordance with generally accepted industry standards, all laws, and all then applicable HCHRA policies, procedures, rules and directions. To the extent of any inconsistency between accepted industry standards and such HCHRA policies, procedures, rules and directions, CITY shall notify HCHRA of the inconsistency and follow HCHRA direction. CITY shall immediately notify HCHRA of any known or suspected security breach or unauthorized access to HCHRA Data, then comply with all responsive directions provided by HCHRA. The foregoing shall not be construed as eliminating, limiting or otherwise modifying CITY's indemnification obligations herein.

C. INTENTIONALLY OMITTED.

D. Upon expiration, cancellation or termination of this Agreement:

- (1) At the discretion of HCHRA and as specified in writing by the Contract Administrator, CITY shall deliver to the Contract Administrator all HCHRA Data so specified by HCHRA.
- (2) HCHRA shall have full ownership and control of all such HCHRA Data. If HCHRA permits CITY to retain copies of the HCHRA Data, CITY shall not, without the prior written consent of HCHRA or unless required by law, use any of the HCHRA Data for any purpose or in any manner whatsoever; shall not assign, license, loan, sell, copyright, patent and/or transfer any or all of such HCHRA Data; and shall not do anything which in the opinion of HCHRA would affect HCHRA's ownership and/or control of such HCHRA Data.
- (3) Except to the extent required by law or as agreed to by HCHRA, CITY shall not retain any HCHRA Data that are confidential, protected, privileged, not public, nonpublic, or private, as those classifications are determined pursuant to applicable law. In addition, CITY shall, upon HCHRA's request, certify destruction of any HCHRA Data so specified by HCHRA.

11. SUCCESSORS, SUBCONTRACTING AND ASSIGNMENTS

- A. CITY and HCHRA each bind themselves, their partners, successors, assigns and legal representatives to each other for all covenants, agreements and obligations herein.
- B. Neither CITY nor HCHRA shall assign, transfer or pledge this Agreement and/or the services to be performed, whether in whole or in part, nor assign any monies due or to become due to it without the prior written consent of the other Party. Permission to assign, however, shall under no circumstances relieve the assigning Party of its liabilities and obligations under the Agreement. Nothing in this Agreement shall prevent HCHRA from renaming or rebranding Elevate Hennepin™ during or after the term of this Agreement, and such renaming or rebranding will not affect the obligations of the Parties or the terms of this Agreement.
- C. CITY shall not subcontract this Agreement and/or the services to be performed, whether in whole or in part, without the prior written consent of HCHRA. Permission to subcontract, however, shall under no circumstances relieve CITY of its liabilities and obligations under the Agreement. Further, each Party shall be fully responsible for the acts, omissions, and failure of its subcontractors in the performance of the specified contractual services, and of person(s) directly or indirectly employed by subcontractors. Contracts between either Party and each of their subcontractors shall require that the subcontractor's services be performed in accordance with this Agreement. The Parties shall make contracts between them and any subcontractors available upon request from the other Party.

12. MERGER, MODIFICATION AND SEVERABILITY

The entire Agreement between the Parties is contained herein and supersedes all oral agreements and negotiations between the parties relating to the subject matter. All items that are referenced or that are attached are incorporated and made a part of this Agreement. If there is any conflict between the terms of this Agreement and referenced or attached items, the terms of this Agreement shall prevail. The Parties are each bound by their own electronic signature(s) on this Agreement, and each agrees and accepts the electronic signature of the other party.

Any alterations, variations or modifications of the provisions of this Agreement shall only be valid when they have been reduced to writing as an amendment to this Agreement signed by the Parties. Except as expressly provided, the substantive legal terms contained in this Agreement, including but not limited to Indemnification, Insurance, Merger, Modification and Severability, Termination or Minnesota Law Governs may not be altered, varied, modified or waived by any change order, implementation plan, scope of work, development specification or other development process or document.

If any provision of this Agreement is held invalid, illegal or unenforceable, the remaining provisions will not be affected.

13. DUTY TO NOTIFY

Each Party shall promptly notify the other of any demand, claim, action, cause of action or litigation brought against either Party, its employees, officers, agents or subcontractors, which arises out of the services described in this Agreement. Each Party shall also notify the other whenever a party has a reasonable basis for believing that it and/or its employees, officers, agents or subcontractors, and/or the other party, might become the subject of a demand, claim, action, cause of action, administrative action, criminal arrest, criminal charge or litigation arising out of and/or related to the services described in this Agreement.

14. SURVIVAL OF PROVISIONS

Provisions that by their nature are intended to survive the term, cancellation or termination of this Agreement do survive such term, cancellation or termination. Such provisions include but are not limited to: SERVICES TO BE PROVIDED (as to ownership of property); INDEPENDENT CONTRACTORS; INDEMNIFICATION; INSURANCE; DUTY TO NOTIFY; DATA PRIVACY AND SECURITY; RECORDS-AVAILABILITY/ACCESS; DEFAULT AND CANCELLATION/TERMINATION; MEDIA OUTREACH; and MINNESOTA LAW GOVERNS.

15. COMPLIANCE AND NON-DEBARMENT CERTIFICATION

A. Each Party shall comply with all applicable law, conditions of any funding sources, regulations, rules and ordinances currently in force or later enacted.

- B. Each Party certifies that it is not prohibited from doing business with either the federal government or the state of Minnesota as a result of debarment or suspension proceedings. Both Parties shall immediately notify the other if that Party is debarred or suspended during the term of this Agreement.

16. NOTICES

Unless the Parties otherwise agree in writing, any notice or demand which must be given or made by a Party under this Agreement or any statute or ordinance shall be in writing and shall be sent registered or certified mail. Notices to HCHRA shall be sent to the HCHRA Administrator with a copy to the originating HCHRA department at the address given in Section 4 of this Agreement. Notice to CITY shall be sent to the address stated in Section 4 of this Agreement.

17. CONFLICTS OF INTEREST

Each Party affirms that to the best of its knowledge, its involvement in this Agreement does not result in a conflict or potential conflict of interest with any Party or entity which may be affected by the terms of this Agreement. Should any conflict or potential conflict of interest become known to either Party, that Party shall immediately notify the other of the conflict or potential conflict, specifying the part of this Agreement giving rise to the conflict or potential conflict, and advise the other Party whether it will or will not resign from the other engagement or representation. Unless waived by the non-conflicted Party, a conflict or potential conflict may, in the non-conflicted Party's discretion, be cause for cancellation or termination of this Agreement.

18. MEDIA OUTREACH

HCHRA shall provide media toolkits including, but not limited to, sample social media posts to CITY. HCHRA shall also provide Program brand guidance to CITY, which CITY shall follow. For clarification and not limitation, all Outreach shall be provided by HCHRA prior to publication or release. As used herein, the term "Outreach" shall mean all media, social media, news releases, external facing communications, advertising, marketing, promotions, client lists, civic/community events or opportunities, and/or other forms of outreach created for CITY pursuant to this Agreement that reference or otherwise use the term "Hennepin County," "HCHRA" or any derivative thereof; or (ii) that directly or indirectly relate to, reference, or concern the County of Hennepin, HCHRA, this Agreement, the services performed hereunder, or HCHRA or Hennepin County personnel, including but not limited to HCHRA and Hennepin County employees and elected officials.

19. MINNESOTA LAWS GOVERN

The laws of the state of Minnesota shall govern all questions and interpretations concerning the validity and construction of this Agreement and the legal relations between the parties

and their performance. The appropriate venue and jurisdiction for any litigation will be those courts located within the County of Hennepin, state of Minnesota. Litigation, however, in the federal courts involving the parties will be in the appropriate federal court within the state of Minnesota.

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HCHRA BOARD AUTHORIZATION

Reviewed for HCHRA by
the County Attorney's Office:

{ {Sig_es_;signer2:signature}}
{{ N_es_;signer2:fullname}}
{{ ttl_es_;signer2:title}}
{{ Dte_es_;signer2:date}}

Reviewed for HCHRA by:

{ {Sig_es_;signer3:signature}}
{{ N_es_;signer3:fullname}}
{{ ttl_es_;signer3:title}}
{{ Dte_es_;signer3:date}}

Board Resolution No:
{{*BoardResolution_es_;signer3:brs}}

HENNEPIN COUNTY HOUSING AND
REDEVELOPMENT AUTHORITY
STATE OF MINNESOTA

By:

{ {Sig_es_;signer6:signature}}
{{ N_es_;signer6:fullname}}
Chair of Its Board
{{ Dte_es_;signer6:date}}

ATTEST:

{ {Sig_es_;signer7:signature}}
{{ N_es_;signer7:fullname}}
Deputy/Clerk of County Board
{{ Dte_es_;signer7:date}}

By:

{ {Sig_es_;signer5:signature}}
{{ N_es_;signer5:fullname}}
Executive Director
{{ Dte_es_;signer5:date}}

By:

{ {Sig_es_:signer4:signature}}

{{ N_es_:signer4:fullname}}
Deputy Executive Director

{{ Dte_es_:signer4:date}}

CITY

CITY warrants that the person who executed this Agreement is authorized to do so on behalf of CITY as required by applicable articles, bylaws, resolutions or ordinances.*

By:

{ {Sig_es_:signer1:signature}}
{{ N_es_:signer1:fullname}}
{{ ttl_es_:signer1:title}}
{{ Dte_es_:signer1:date}}

* CITY represents and warrants that it has submitted to HCHRA all applicable documentation (articles, bylaws, resolutions or ordinances) that confirms the signatory's delegation of authority. Documentation is not required for a sole proprietorship.



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.6

Subject: Approval of Resolution 2024-113 Approving Wetland Fill for Veit Gravel Mine Expansion

Prepared By: Andrew Simmons, Public Works Superintendent

Overview / Background / Analysis

The City of Rogers is the Local Government Unit (LGU) responsible for the implementation of the Minnesota Wetland Conservation Act (WCA) Rules (Chapter 8420) within the limits of the City. A wetland permit application and supporting documentation has been prepared and submitted by Carlson McCain on behalf of Veit Companies for the Veit Gravel Mine Expansion project.

The City of Rogers has determined, as the LGU, that the Joint Application form and supporting permit application submitted, meet and satisfy all WCA rules. This decision is good for five years.

Staff Recommendation

Motion to Approve Resolution 2024-113, A Resolution Approving Wetland Fill for Veit Gravel Mine Expansion

Financial Impact:

Source Fund:

Budgeted? N/A

Supporting Documentation

- A. 2024-113 Resolution Approving Wetland Fill for Veit Gravel Mine
- B. Location Map



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.6

Subject: Approval of Resolution 2024-113 Approving Wetland Fill for Veit Gravel Mine Expansion

Prepared By: Andrew Simmons, Public Works Superintendent

Overview / Background / Analysis

The City of Rogers is the Local Government Unit (LGU) responsible for the implementation of the Minnesota Wetland Conservation Act (WCA) Rules (Chapter 8420) within the limits of the City. A wetland permit application and supporting documentation has been prepared and submitted by Carlson McCain on behalf of Veit Companies for the Veit Gravel Mine Expansion project.

The City of Rogers has determined, as the LGU, that the Joint Application form and supporting permit application submitted, meet and satisfy all WCA rules. This decision is good for five years.

Staff Recommendation

Motion to Approve Resolution 2024-113, A Resolution Approving Wetland Fill for Veit Gravel Mine Expansion

Financial Impact:

Source Fund:

Budgeted? N/A

Supporting Documentation

- A. 2024-113 Resolution Approving Wetland Fill for Veit Gravel Mine
- B. Location Map

RESOLUTION NO. 2024 –113

RESOLUTION APPROVING THE APPLICATION TO FILL 0.88 ACRES OF WETLAND TO FACILITATE THE VEIT GRAVEL MINE PROJECT

WHEREAS, That the City of Rogers is the Local Governmental Unit (“LGU”) responsible for implementation of the Minnesota Wetland Conservation Act (WCA) Rules (Chapter 8420) within the limits of the City.; and

WHEREAS, That the City of Rogers, by and through its Council, sitting as the LGU, adopts the following findings regarding the Veit Gravel Mine Wetland Replacement Plan Application:

- a. That the Technical Evaluation Panel (“TEP”) convened virtually via TEAMS on May 13, 2024 to review the preliminary application prior to formal submittal.
- b. That a complete Wetland Replacement Plan Application describing 0.88 acres of wetland impact provided by Carlson McCain was received June 20, 2024
- c. That the Wetland Replacement Plan Application describes replacement via the use of 1.76 credits from Wetland Bank Account #1600 in Wright County, Major Watershed 17, Bank Service Area 7.
- d. That TEP member reviewed the application and supplemental information and unanimously agreed that the application satisfies WCA sequencing and replacement requirements and support approval of the application.
- e. That the City of Rogers, as the LGU, has and will fully exercise its responsibilities in ensuring the compliance with the Minnesota WCA Rules for:
 - i. Local Government Unit Duties and Procedures (MR 8420.0200)
 - ii. Technical Evaluation Panel (TEP) Procedures (MR 8420.0240)
 - iii. Local Government Unit Application and Decision Procedures (MR 8420.0255)
- f. That the City of Rogers, as the LGU, has determined that the Replacement Plan Application submitted by Carlson McCain on behalf of Veit and Company, Inc. satisfies and will satisfy WCA rules and procedural guidelines for:
 - i. General Application Requirements (MR 8420.0305)
 - ii. Replacement Plan Applications (MR 8420.0330)
 - iii. Wetland Replacement Purpose and Requirement (MR 8420.0500)
 - iv. Sequencing (MR 8420.0520)
 - v. Replacement Standards (MR 8420.0522)

WHEREAS, That the City of Rogers, by and through its City Council, sitting as the LGU for the WCA, approves the application to fill 0.88 acres of wetland to facilitate the Veit Gravel Mine project.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROGERS, MINNESOTA, that the above referenced wetland application and replacement plan meet the standards of Minnesota WCA Rules.

Moved by Councilmember _____, seconded by Councilmember _____.

The following voted in favor of said Resolution: _____

_____.

The following voted against the same: _____.

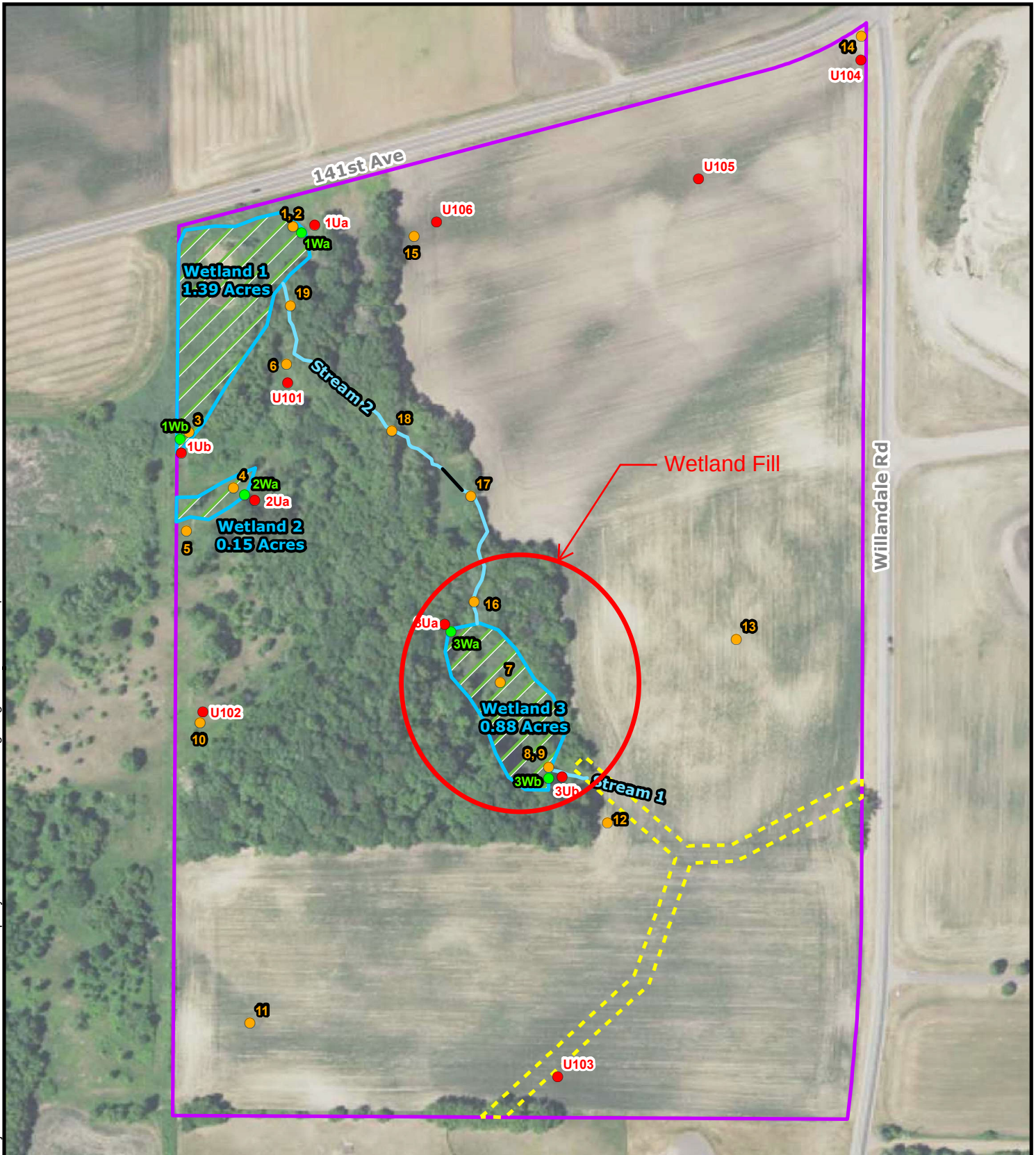
The following abstained: _____.

WHEREUPON, this Resolution was declared duly-passed and adopted, and was signed by the Mayor and attested by the City Clerk this 12th day of November, 2024.

Mayor

ATTEST:

City Clerk



Legend

- Wetland Test Hole Location — Ephemeral Stream ● Photograph Location — Culvert
- Upland Test Hole Location Delineated Wetland Property Boundary City of Rogers Drainage Easement



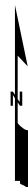
**CARLSON
McCAIN**

ENGINEERING \ SURVEYING \ ENVIRONMENTAL

1:3,000

0 250
Feet

Basemap: MnGeo color 7-county, 2020.



**Figure 5
Wetland Map
Kemmetmueller Property
Rogers, Minnesota**



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.7

Subject: Resolution No 2024-115, A Resolution Canvassing the 2024 General Election

Prepared By: Stacie Brown, City Clerk

Overview / Background / Analysis

Staff Recommendation

Motion to approve Resolution 2024-115, A Resolution Canvassing the 2024 General Election.

Financial Impact: N/A

Source Fund: N/A

Budgeted? N/A

Supporting Documentation

- A. 2024-115 A Resolution Canvassing the 11.05.24 Municipal Election Results and Declaring Returns

RESOLUTION NO. 2024-115

**A RESOLUTION CANVASSING THE NOVEMBER 5, 2024 MUNICIPAL
ELECTION RETURNS AND DECLARING RESULTS**

WHEREAS, the City held a municipal election on November 5, 2024; and

WHEREAS, the City Clerk has prepared a summary of the returns of the forenamed election; and

WHEREAS, the City Council must canvass the municipal election returns and declare the results within ten days after the election.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Rogers that the following returns are hereby canvassed and declared the official results of the November 5, 2024 election.

<u>Mayor</u>	<u>Votes</u>
Shannon Klick	5,272
Dan Solon	2,350
Write-In	53

<u>Council Members</u>	<u>Votes</u>
Joel Brockman	4,136
Kevin Jullie	3,967
Josef Severson	2,328
Ashraf Wahba	1,520
Write-In	69

Moved by Councilmember _____, seconded by Councilmember _____.

The following voted in favor of said Resolution:

The following voted against the same:

Whereupon said Resolution was declared carried.

Dated this 12th day of November 2024.

Mayor

ATTEST:

City Clerk



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.8

Subject: Approval of Resolution 2024-112 Declaring Saturday, November 30th as Small Business Saturday in the City of Rogers

Prepared By: Brett Angell, Community Development Director

Overview / Background / Analysis

Small Business Saturday was originally created, and continues to be, a day to celebrate and support small and local businesses and all that they do for communities. Originally created in 2010 by the U.S. Small Business Administration and American Express, this day has become an integral part of the annual sales for commercial and small retail businesses. Through Hennepin County, a multi-jurisdictional marketing campaign called 'Love Local' was created to encourage residents to support local businesses which create jobs, boost the local economy, and help make the community vibrant. This marketing campaign has been designed to further promote Small Business Saturday within Hennepin County communities. Small Business Saturday falls on the Saturday following Thanksgiving Day and Black Friday. Historically, this day has helped ensure small businesses are promoted during the holiday shopping season, especially in light of these businesses typically having a lessened capacity or budget available for large-scale marketing efforts. The attached resolution declares Saturday, November 30th as Small Business Saturday within Rogers.

Staff Recommendation

Motion to approve Resolution 2024-112 declaring Saturday, November 30th as Small Business Saturday in the City of Rogers.

Financial Impact: Not applicable.

Source Fund: Not applicable.

Budgeted? N/A

Supporting Documentation

A. Resolution 2024-112

RESOLUTION NO. 2024-112

A RESOLUTION DECLARING NOVEMBER 30TH. 2024 AS SMALL BUSINESS SATURDAY IN THE CITY OF ROGERS

WHEREAS, the City of Rogers celebrates our local small businesses and the contributions they make to the local economy and community; and

WHEREAS, according to the United States Census, of the 40,630 businesses within Hennepin County, 39,200 are small business with fewer than 100 employees, which makes up more than 96% of the businesses in the County, and which Rogers is the proud home to many of these small businesses; and

WHEREAS, for many local residents the Thanksgiving holiday kicks off a season of gathering, dining, shopping, and experiencing arts and culture, and consumers know that supporting small, independently-owned businesses have positive social, economic, and environmental impacts; and

WHEREAS, the City of Rogers has partnered with Hennepin County and the Hennepin County Housing and Redevelopment Authority to launch the multijurisdictional Love Local campaign which encourages residents to support local businesses which create jobs, boost the local economy, and make our communities vibrant and livable; and

WHEREAS, the United States Small Business Association, as well as advocacy groups and other public and private organizations across the county, have endorsed the Saturday after Thanksgiving as Small Business Saturday.

NOW THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF ROGERS, MINNESOTA, do hereby proclaim Saturday, November 30, 2024 as Small Business Saturday in Rogers and urge residents of our community to support small businesses and merchants on this day and throughout the year.

Moved by Councilmember _____, seconded by Councilmember _____

The following voted in favor of said resolution:

The following voted against the same:

The following abstained:

Whereupon said resolution was declared duly passed and adopted, and was signed by the Mayor, and attested by the City Clerk dated this 25th day of April 2023.

Rick Ihli, Mayor

ATTEST:

Stacie Brown, City Clerk



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.9

Subject: Approval of Office Furniture for City Hall

Prepared By: Bridget Bruska, Finance Director

Overview / Background / Analysis

City staff is requesting approval to purchase additional office furniture for City Hall to address current space limitations and improve employee working conditions. Currently, City Hall accommodates 14 employees, but there is only space for 13. As a result, one employee is working at a small desk without privacy. A new City Hall is not expected to be constructed for at least three years, and with the City's growth, additional staffing and office space will be needed.

City Engineer/PW Director Cote, Assistant City Administrator/HR Director Scharber, and Finance Director Bruska visited Minnesota Office Furniture to explore options. The company refurbishes cubicles, offering lower-cost alternatives compared to new purchases and provides State contract pricing (Contract No. 249437). The proposed solution includes enclosed cubicles with doors, which would create more private and functional workspaces.

This option is particularly important for employees like the City Planner and Utility Billing Clerk, who frequently handle phone calls, as open work areas can lead to disruptions. Additionally, the enclosed cubicles would meet the requirements of a workplace accommodation request.

The additional cost for each cubicle to include a door and higher walls for added privacy is approximately \$1,500. Aside from these enhancements, all other cubicle features will remain similar to the existing ones at City Hall. Staff believes this is a reasonable investment, as it will improve employee productivity, satisfaction, and the overall work environment. An additional quote was requested, but has not yet been provided. An additional quote is not required when utilizing State contract pricing.

Given the pressing space needs and benefits of the proposed solution, City staff respectfully requests Council's approval to proceed with the purchase of the enclosed cubicles at a cost not to exceed of \$37,000.

Staff Recommendation

Motion to approve the purchase of office furniture for City Hall at a cost not to exceed \$37,000.

Financial Impact: NTE \$37,000

Source Fund: 400 General Government

Buildings Capital Reserve

Budgeted? No

Supporting Documentation

- A. Minnesota Office Furniture Quote
- B. 2D Layout
- C. 3D View Interior



Minnesota Office Furniture

9360 W. Broadway Ave, Ste 150
Brooklyn Park, MN 55445
(763) 710-5950
accounting@minnesotaof.com
www.MinnesotaOF.com

Estimate

ADDRESS

City of Rogers
Stacy Scharber
sscharber@rogersmn.gov
763-428-0950
22350 South Diamond Lake Rd
Rogers, MN 55374

SHIP TO

City of Rogers
Stacy Scharber
sscharber@rogersmn.gov
Bridget Bruska
bbruska@rogersmn.gov
763-428-0950
612-919-1173
22350 South Diamond Lake Rd
2nd Floor
Rogers, MN 55374

ESTIMATE

10815

DATE

10/21/2024

EXPIRATION

11/29/2024

DATE

SALES REP NEW

Anita Gunderson

ITEM	QTY	PRICE	AMOUNT
6 Refurbished Herman Miller Enclosed Cubicle Offices 85"h, 8' x 8' Per drawing	1	31,371.58	31,371.58T
Each Cubicle has:			
-Full Locking Door w/ Glass Sidelight			
-96 x 30 Desk + 42 x 24 Return- All on Sit-Stand Base			
-60 x 24 Back Credenza Surface w/ a Supporting BBF Drawer Pedestal			
-A Mobile BF Drawer Pedestal w/ Cushion			
-A 48" Flipper Storage Cabinet w/ a 48 x 21 Tackboard			
State of Minnesota Contract 249437			T
SWIFT Contract No. 249437			
Delivery/Installation/Assembly	1	1,650.00	1,650.00T

Thank you for you business!
Payment can be made by clicking the link and paying via Bank Account (ACH)
Debit, Credit, PayPal or Venmo.
Pricing is valid until "Expiration Date" at top right of this
document. After this date, all estimates will need to be requested
for accuracy.

SUBTOTAL	33,021.58
TAX	0.00
TOTAL	\$33,021.58

Terms:

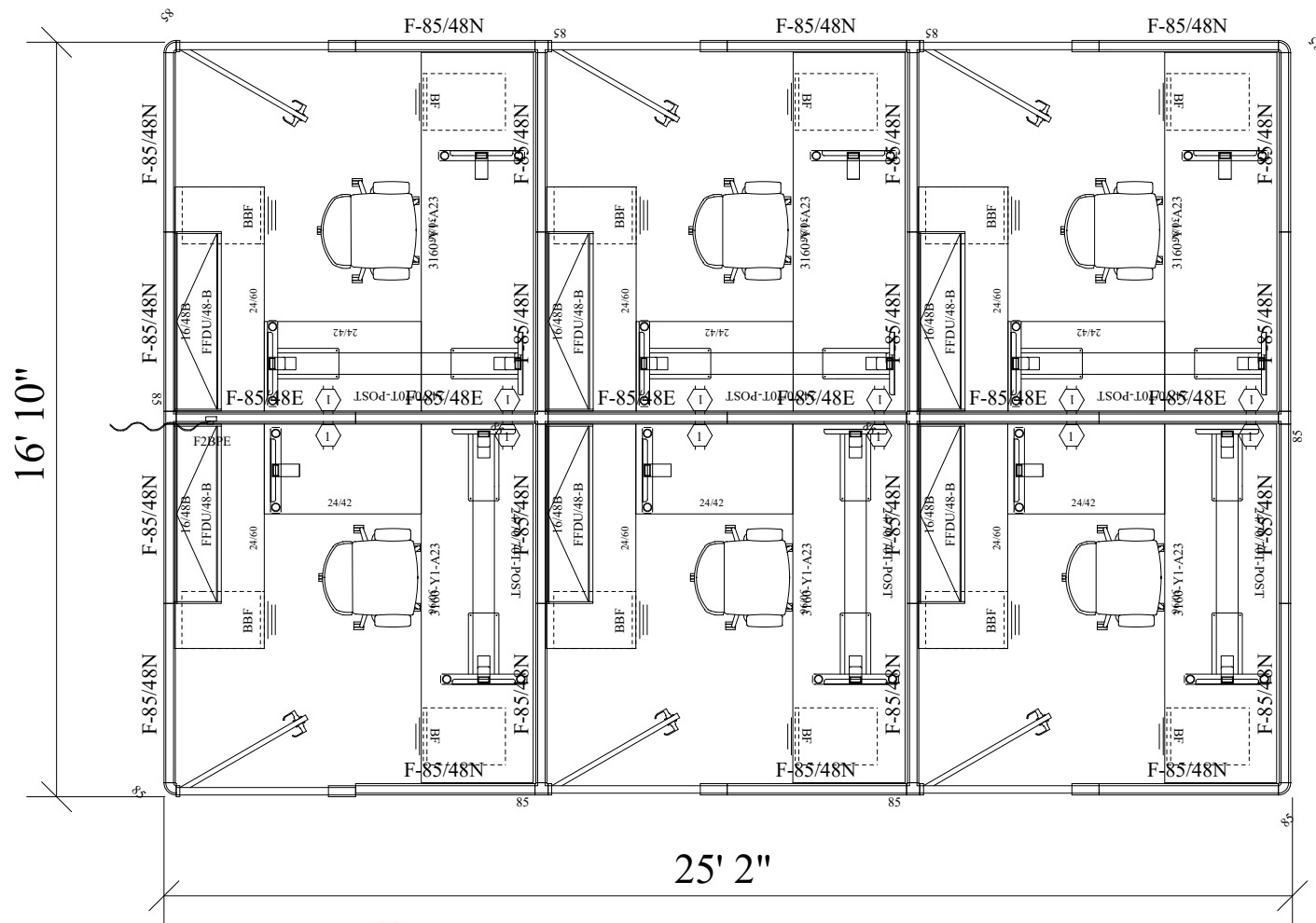
A monitory commitment of at least 50% is due to initiate order.
Any pending balance is due prior to scheduling the install date.
Purchase Orders still require a 50% deposit after submittal.

All Tax Exempt entities will need to provide an ST3 Certificate at time of deposit
to remove tax.

Thank you for considering Minnesota Office Furniture.

Accepted By

Accepted Date



Note:
ADJUSTABLE HEIGHT COUNTERTOPS TO BE REDUCED IN SIZE
2" ON WIDTH, 1" ON DEPTH (EX: 30" X 96" = 29" X 94")









STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.10

Subject: Approval of Resolution 2024-108 approving a site plan request by Ray Js American Grill for a restaurant at Northdale Blvd and County Rd 144

Prepared By: Brett Angell, Community Development Director

Overview / Background / Analysis

Tousley & Co., on behalf of Ray J's American Grill, ("Applicant") has submitted a site plan application for the construction of a new restaurant and bar for the property located at the southwest intersection of Northdale Boulevard and County Road 144 ("Subject Property"). The proposed development includes the construction of a 6,631 square foot building with an attached patio and entertainment area, parking area, and a pad site for a potential future commercial building.

Property History

The Subject Property is currently undeveloped and was acquired by the City of Rogers in late 2023, along with the former fast food restaurant, which has since been converted into Ripple Effect Brewery. Following the acquisition by the City, the property was re-platted in order to make the site ready for future development. The re-plat was approved by the City Council at the March 26th meeting and was subsequently recorded with Hennepin County. The Subject Property is Lot 3, Block 1 of the Uptown Rogers 3rd Addition Plat and has a total size of 2.72 acres (118,655 square feet), of which a portion of the property is utilized for an infiltration basin which serves the overall development area. Following the platting of the property, the City of Rogers entered into a purchase agreement with Ray Js for the sale of the property.

Zoning Information

The Subject Property is zoned as RC - Regional Employment Center and is guided as commercial within the 2040 Comprehensive Plan. The proposed use as a restaurant is a permitted use with the zoning and guidance of the property. Adjacent uses to the proposed development include a brewery to the north, a daycare to the west, multi-tenant medical offices to the south, and Highway 101 to the east.

Site Plan Details

The proposed development includes a 6,631 square foot restaurant on the east side of the subject property with a patio extending to the north of the proposed building and an outdoor pickleball court extending to the east of the building. The parking area extends to the south and to the west of the proposed building. The development plans also include a pad site for a future commercial building on the southwest side of the site, but that will be subject to separate land use approvals at the time that building is to move forward. The proposed development plans meet or exceed all setback requirements.

A shared trash enclosure is planned for the south side of the Subject Property. The proposed location is acceptable to city staff as this would be a shared location between the restaurant and the future commercial building.

Parking and Access

Access to the property is via a shared drive lane and an access point to Northdale Blvd that serves all lots within the development area. The drive aisle and access to the area will not be changed as part of this proposal. There are current private agreements in place related to the management and upkeep of the drive aisle between all properties which it serves.

The proposed development includes a total of 128 parking spaces, which includes six ADA spaces. The ADA spaces include four spaces near the front of the proposed restaurant and two spaces in the front of the future commercial building. Staff find the proposed parking plan acceptable and the parking plan related to this item is included within the attached resolution.

Stormwater

Stormwater treatment is served regionally for the entire district via the existing infiltration basin located on the north side of the Subject Property as well as a drainage swale on the north end of lots 1 and 2. At the time of initial development of this area around 2011, the stormwater management plan was designed and construction based upon the anticipated full build-out of all the lots. Even conforming to today's standards for stormwater management, the existing system has adequate capacity to serve the proposed development.

Landscaping

The proposed development includes the addition of six (6) new overstory trees and five (5) evergreen trees. The applicant is also proposing 97 additional shrubs and perennials to be planted. The primary location of the proposed landscaping is along the outside of the building and on the north and east sides of the property. The proposed landscaping plan meets code requirements.

Architecture

Proposed architecture of the building includes a mix of brick, wood, metal accents, and stucco EIFS. The building features a prominent entrance point and windows throughout the building. On the north side of the building (adjacent to the patio), roll-up windows are included to allow for the interior bar to service both interior and exterior seating. The trash enclosure has a brick exterior which matches the proposed building. The proposed architecture meets the requirements of city code.

Planning Commission Review

This item was reviewed at the Wednesday, November 6th meeting of the Planning Commission. The Commission did not have any concerns or comments related to the request and unanimously recommended approval of this item.

Staff Recommendation

Motion to approve Resolution 2024-108 approving a site plan request by Ray Js American Grill for a restaurant at Lot 3, Block 1, Uptown Rogers 3rd Addition, subject to the conditions listed in the resolution.

Financial Impact: Not Applicable.

Source Fund: Not Applicable.

Budgeted? N/A

Supporting Documentation

- A. Resolution No. 2024-108
- B. Location Map
- C. Applicant Narrative
- D. Civil Plans and Renderings

RESOLUTION NO. 2024-108

APPROVING AMENDMENTS TO THE SITE PLAN AT LOT 3, BLOCK 1, UPTOWN ROGERS 3RD ADDITION FOR RAY J'S AMERICAN GRILL

WHEREAS, Ray J's American Grill ("Applicant") and Tousley & Co. ("Developer") have submitted an application to the City of Rogers ("City"), requesting approval of a Site Plan Amendment for the construction of a new 6,631 bar and restaurant, future commercial building pad, and related improvements ("Development"); and

WHEREAS, the property is 2.7 acres and zoned Regional Employment Center (RC), located at Lot 3, Block 1, Uptown Rogers 3rd Addition ("Subject Property") as depicted in Exhibit A; and

WHEREAS, section 125-27 – Site Plan governs the procedures around site plan review processes, and subsection (b) states: "site plan review and approval is required for a new developments" excepting single-family detached or two-family attached dwellings; and subsection (e) states "the Planning Commission shall evaluate the effects of the proposed site plans. This review shall be based upon, but not be limited to, compliance with the City's Comprehensive Plan and provisions of this Ordinance"; and

WHEREAS, the Subject Property is currently undeveloped and the proposed use of for a bar and restaurant and future commercial building are permitted uses in the RC zoning district [§125-50 Table 4E]; and

WHEREAS, the proposed development does not create a new or expansion of an existing nonconformity and satisfies zoning and site plan review standards; and

WHEREAS, the proposed parking plan for the Development satisfies parking requirements per City Code §125-86 through the construction of shared parking and a deferred parking plan, per City Code §125-86(d), with the installation of 128 parking spaces to be shared by both the restaurant and the future commercial use.

WHEREAS, on November 6, 2024, the Planning Commission reviewed the request and voted unanimously to recommend approval to the City Council of the Site Plan Review, with the following conditions:

- a. All engineering comments shall be satisfied prior to construction.
- b. Any necessary Elm Creek Watershed Permitting and Requirements shall be met prior to construction.
- c. Future development of the commercial building will be subject to the review and approval of the City of Rogers.
- d. The provided parking plan approval is subject to the future review of the commercial building as defined in condition C.
- e. SAC Determination shall be submitted to the Metropolitan Council and all building and connection fees paid prior to issuance of the building permit.

NOW THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF ROGERS, MINNESOTA, the Site Plan Review request from Ray J's American Grill. is hereby approved for the construction of a new restaurant on the Subject Property based on the conditions found in this resolution.

Moved by Councilmember _____, seconded by Councilmember _____

The following voted in favor of said resolution:

The following voted against the same:

The following abstained:

Whereupon said resolution was declared duly passed and adopted, and was signed by the Mayor, and attested by the City Clerk dated this 26th day of November, 2024.

Rick Ihli, Mayor

ATTEST:

Stacie Brown, City Clerk

EXHIBIT A

LEGAL DESCRIPTION

Subject Property

Real property in the County of Hennepin, State of Minnesota, described as follows:

Lot 3, Block 1, Uptown Rogers 3rd Addition



LOCATION MAP





October 7, 2024

City of Rogers | Brett Angel
22350 S Diamond Lake Road
Rogers, MN 55374

On behalf of Ray J's American Grill, Tousley & Co. is submitting a Zoning and Land Use Application for a new restaurant development at the southwest corner of Highway 101 and 141st Avenue North, with access from Northdale Boulevard. This one-story freestanding restaurant will be approximately 6,414 square feet and will feature indoor dining, private dining, a golf simulator, and an area for live music.

The site will also include an outdoor patio, pickleball courts, and future space for additional pickleball courts, turf area, and or patio expansion. Adequate parking is provided with 128 spaces, and a future retail building is planned for the southwest corner of the site. The building's exterior will showcase a mix of aesthetically pleasing materials, including glazing, brick, wood, and metals. The parking lot will have two access points from the shared access road from Northdale Boulevard, along with a trash enclosure.

The site is located in a commercial district along Highway 101, neighboring a brewery, daycare facility, and various office and retail buildings. Currently, there are no restaurants in the immediate area, making this development a valuable addition and providing dining options that are currently unavailable.

Brothers Mark and Paul Jacob are the owners of Ray J's American Grill, with locations in Woodbury and Minneapolis, and Schullers Tavern in Golden Villet. Their journey in the restaurant industry began with their father Ray, who started with Jacob's 101 in NE Minneapolis and later acquired Schullers Tavern in Golden Valley. Following their upbringing around the business, Mark and Paul ventured into restaurant ownership themselves, starting with Ray J's in Woodbury in 2006. Encouraged by their father, they expanded to Minneapolis in 2013, where their rebranded establishment quickly gained acclaim. Despite Ray's passing in 2020, Mark and Paul continue to uphold their family's legacy, also taking over Schullers Tavern and enhancing its appeal. Looking ahead, they aim to bring their successful concept to the northwest suburbs where they hope to contribute their family-friendly sports bar and renowned culinary offerings to the community's vibrant dining scene.

Thank your consideration. If you have any questions, please feel free to contact me.

A handwritten signature in black ink, appearing to read "B Schack", is written over a horizontal line.

Regards,
Brian Schack
651.261.4108
brian@tousleyco.com



RAY J'S
AMERICAN
GRILL

HWY 101 & 141ST ST
NORMANDALE BLVD
ROGERS, MN 55374

TOUSLEY & CO
BUY | SELL | RENOVATE

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PRINT NAME: BRIAN J. FIELD, PE

SIGNATURE: NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 57224

REVISION LOG

[illegible]

SITE APPROVAL PLAN
OCTOBER 8TH, 2024

DESIGNED: BJF	DRAWN: DKV	CHECKED BY: BJF
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DRAWING TITLE

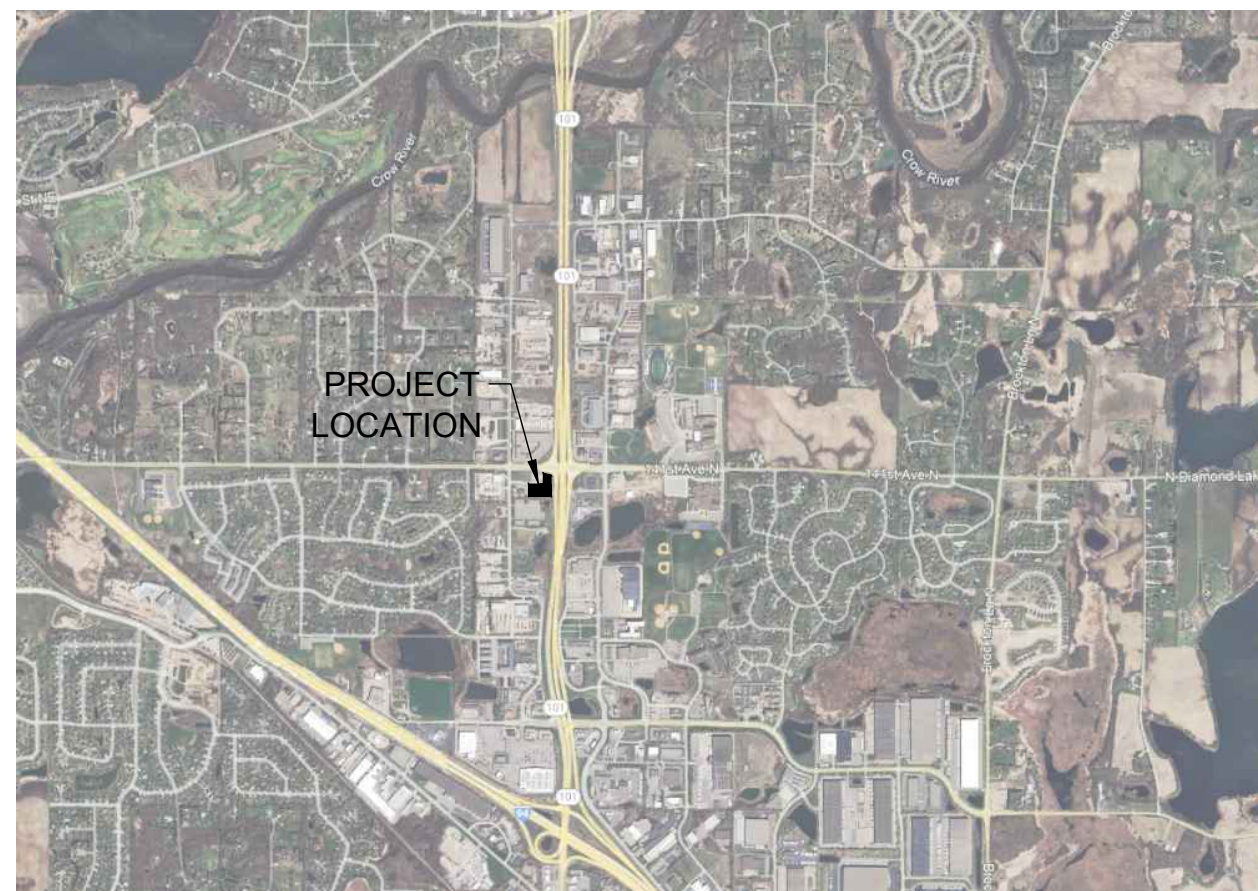
COVER SHEET

DRAWING NO.

C100

PLOTTED: ----	COMM. NO. 17991
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RAY J's AMERICAN BAR & GRILL
9854 NORMA LN
WOODBURY, MN 55125



ANDERSON ENGINEERING OF MN, LLC
13605 1ST AVENUE NORTH, SUITE 100
PLYMOUTH, MN 55441

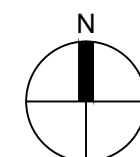
THIELEN & GREEN
7455 VILLAGE DRIVE, SUITE 110
LINO LAKES, MN 55014



<u>SHEET</u>	<u>DESCRIPTION</u>
C100	COVER SHEET
C200	EXISTING CONDITIONS
C201	DEMOLITION PLAN
C300	SITE PLAN
C400	GRADING & DRAINAGE PLAN
C500	EROSION & SEDIMENT CONTROL PLAN
C501	SWPPP - PG 1
C502	SWPPP - PG 2
C600	UTILITY PLAN
C700	SITE DETAILS - PG 1
C701	SITE DETAILS - PG 2
L100	PLANTING PLAN
L500	PLANTING NOTES & DETAILS - PG 1
L501	PLANTING NOTES & DETAILS - PG 2

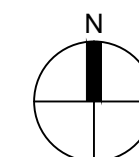
1 SITE LOCATION MAP

SCALE:N.T.S.



2 VICINITY MAP

SCALE: N.T.S.





LEGEND:

- HYDRANT
- LIGHT POLE
- POST INDICATOR VALVE
- SANITARY MANHOLE
- SIGN
- SOIL BORING
- STORM MANHOLE
- WATER VALVE
- FOUND IRON MONUMENT
- SET 1/2"x14" IRON PIPE MARKED L.S. NO. 52134
- CONIFEROUS TREE
- DECIDUOUS TREE
- FENCE
- GAS MAIN
- PROPERTY LINE
- PROPERTY LINE ADJOINERS
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND ELECTRIC
- WATER MAIN
- BITUMINOUS SURFACE
- CONCRETE SURFACE
- LANDSCAPE WOODCHIPS
- RIP-RAP
- DEPRESSION CONTOUR
- WALL
- HDPE: HIGH-DENSITY POLYETHYLENE PIPE
- RCP: REINFORCED CONCRETE PIPE

PLAT DETAILS:

- 141ST AVENUE N** (C.S.A.H. NO. 144)
- LOT 3** (NO BUILDINGS ON SITE)
- BLOCK 1**
- UPTOWN ROGERS 3RD ADDITION** (IN THE PROCESS OF BEING RECORDED)
- ACCESS CONTROL** (AS SHOWN ON MNDOT RIGHT-OF-WAY PLAT 179-196, S.R. 2738 AND MNDOT R-6-W PLAT NO. 27-59 ITEM 20)
- STATE HWY NO. 101**

COMM. NO

DEMOLITION NOTES

1.

THE CONTRACTOR SHALL SALVAGE AND REINSTALL STREET AND TRAFFIC SIGNS IN CONFLICT WITH CONSTRUCTION ACTIVITIES AS INDICATED OR DIRECTED BY THE ENGINEER. ANY DAMAGE TO SIGNS DURING CONSTRUCTION REQUIRES THE CONTRACTOR TO PROVIDE NEW SIGNS AT NO ADDITIONAL COST TO THE OWNER. COORDINATION OF UTILITY REMOVAL WORK MUST BE CARRIED OUT BY THE CONTRACTOR IN CONSULTATION WITH THE APPROPRIATE UTILITY OWNER.
2.

THE CONTRACTOR IS TO SAWCUT FULL DEPTH AT PAVEMENT REMOVAL LIMITS AND AS REQUIRED TO ENSURE A SMOOTH FIT/TRANSITION ALONG MATCHING PAVEMENT AREAS.
3.

CLEARING AND GRUBBING OPERATIONS MUST ADHERE TO THE FOLLOWING GUIDELINES:

A.

PROTECT ALL TREES AND PLANTS NOT DESIGNATED FOR REMOVAL.

B.

CONDUCT OPERATIONS TO AVOID DAMAGE TO PROTECTED TREES AND VEGETATION.

C.

CUT, REMOVE, AND DISPOSE OF TREES, BRUSH, SHRUBS, WINDFALLS, LOGS, STUMPS, ROOTS, FALLEN TIMBER, AND OTHER VEGETATION.

D.

DISPOSE OF DEBRIS ACCORDING TO APPLICABLE REGULATIONS.

E.

NO BURYING OF CLEARED AND GRUBBED WASTE WITHIN THE CONSTRUCTION LIMITS.
4.

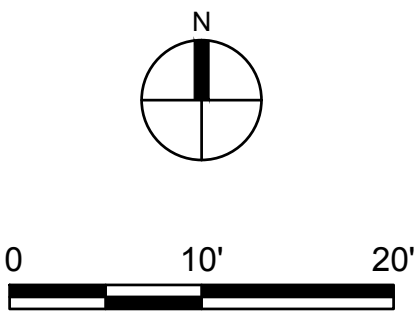
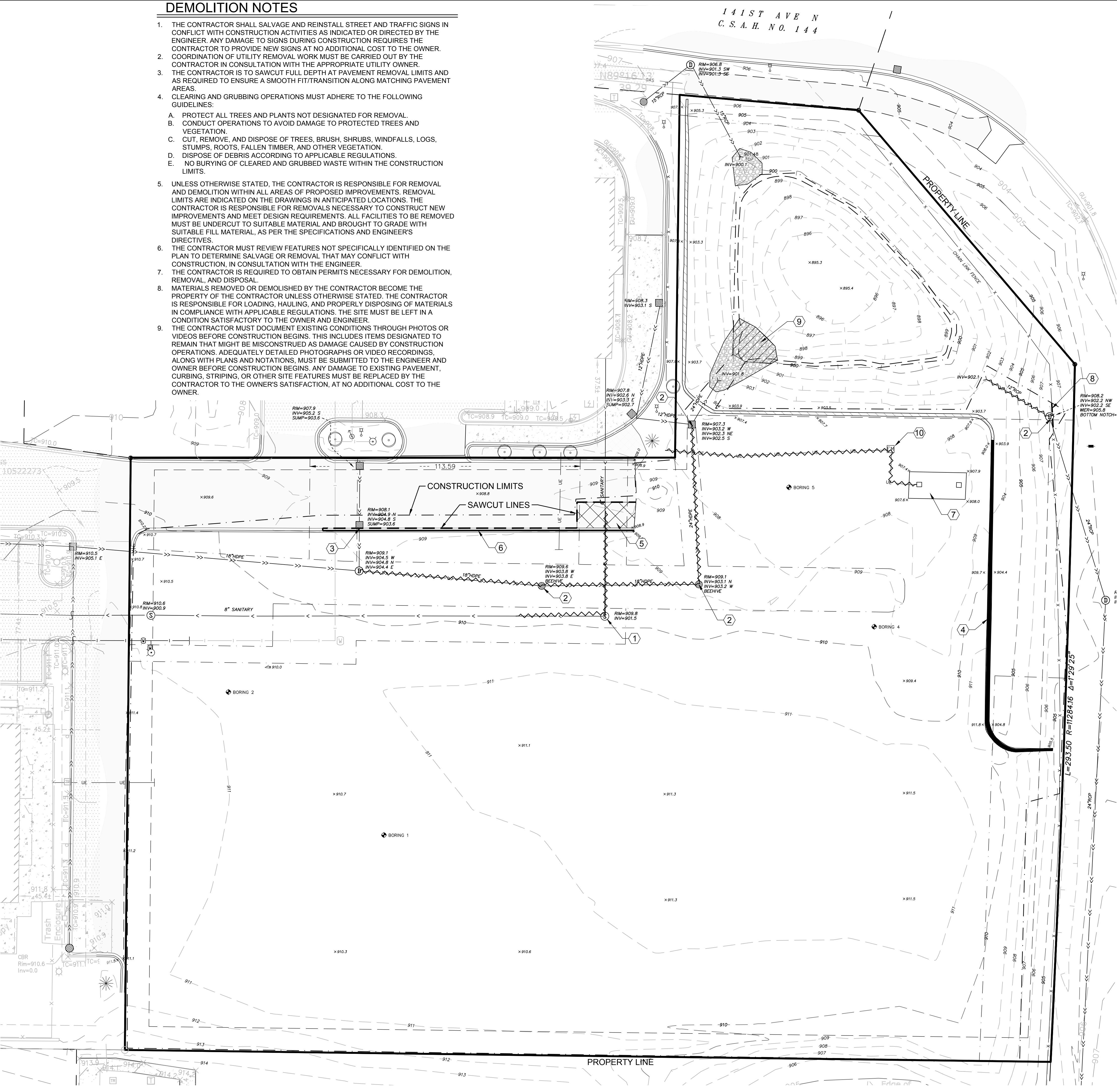
UNLESS OTHERWISE STATED, THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DEMOLITION WITHIN ALL AREAS OF PROPOSED IMPROVEMENTS. REMOVAL LIMITS ARE INDICATED ON THE DRAWINGS IN ANTICIPATED LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR REMOVALS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS AND MEET DESIGN REQUIREMENTS. ALL FACILITIES TO BE REMOVED MUST BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE FILL MATERIAL, AS PER THE SPECIFICATIONS AND ENGINEER'S DIRECTIVES.
5.

THE CONTRACTOR MUST REVIEW FEATURES NOT SPECIFICALLY IDENTIFIED ON THE PLAN TO DETERMINE SALVAGE OR REMOVAL THAT MAY CONFLICT WITH CONSTRUCTION, IN CONSULTATION WITH THE ENGINEER.
6.

THE CONTRACTOR IS REQUIRED TO OBTAIN PERMITS NECESSARY FOR DEMOLITION, REMOVAL, AND DISPOSAL.
7.

MATERIALS REMOVED OR DEMOLISHED BY THE CONTRACTOR BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE STATED. THE CONTRACTOR IS RESPONSIBLE FOR LOADING, HAULING, AND PROPERLY DISPOSING OF MATERIALS IN COMPLIANCE WITH APPLICABLE REGULATIONS. THE SITE MUST BE LEFT IN A CONDITION SATISFACTORY TO THE OWNER AND ENGINEER.
8.

THE CONTRACTOR MUST DOCUMENT EXISTING CONDITIONS THROUGH PHOTOS OR VIDEOS BEFORE CONSTRUCTION BEGINS. THIS INCLUDES ITEMS DESIGNATED TO REMAIN THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY CONSTRUCTION OPERATIONS. ADEQUATELY DETAILED PHOTOGRAPHS OR VIDEO RECORDINGS, ALONG WITH PLANS AND NOTATIONS, MUST BE SUBMITTED TO THE ENGINEER AND OWNER BEFORE CONSTRUCTION BEGINS. ANY DAMAGE TO EXISTING PAVEMENT, CURBING, STRIPING, OR OTHER SITE FEATURES MUST BE REPLACED BY THE CONTRACTOR TO THE OWNER'S SATISFACTION, AT NO ADDITIONAL COST TO THE OWNER.



LEGEND

- PROPERTY LINE
- CONSTRUCTION LIMITS
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING STRM INLET
- EXISTING SAN/STRM MANHOLE
- EXISTING HYDRANT
- REMOVE UTILITY
- EXISTING CONCRETE
- EXISTING RETAINING WALL
- RETAINING WALL REMOVAL
- REMOVE EXISTING BITUMINOUS PAVEMENT
- REMOVE CONCRETE C&G
- EXISTING FENCE
- EXISTING UNDERGROUND ELECTRIC

KEY NOTES

- 1

REMOVE EXISTING SANITARY MANHOLE.
- 2

REMOVE EXISTING STORM STRUCTURE.
- 3

REMOVE EXISTING CASTING. REPLACE WITH CASTING PER UTILITY PLAN SHEET C600.
- 4

REMOVE SOUTH PORTION OF EXISTING RETAINING WALL. EXISTING RETAINING WALL NORTH OF CURVE TO REMAIN.
- 5

REMOVE BITUMINOUS PAVING.
- 6

REMOVE EXISTING CURB AND GUTTER.
- 7

REMOVE EXISTING MONUMENT SIGN.
- 8

REMOVE AND REPLACE APPROXIMATELY 10 LF OF FENCE.
- 9

SALVAGE AND REUSE EXISTING RIP RAP POST FINAL BASIN GRADING.
- 10

REMOVE ELECTRICAL MANHOLE.



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P 763.412.4000 | F 763.412.4090
Anderson Engineering of Minnesota, LLC



RAY J'S
AMERICAN
GRILL

HWY 101 & 141ST ST
NORMANDEALE BLVD
ROGERS, MN 55374

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PRINT NAME: BRIAN J. FIELD, PE

SIGNATURE: NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 57224

REVISION LOG

NO. DATE DESCRIPTION OF REVISIONS

SITE APPROVAL PLAN

OCTOBER 8TH, 2024

DESIGNED: BJF	DRAWN: DKV	CHECKED BY: BJF
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DRAWING TITLE

DEMOLITION PLAN

DRAWING NO.

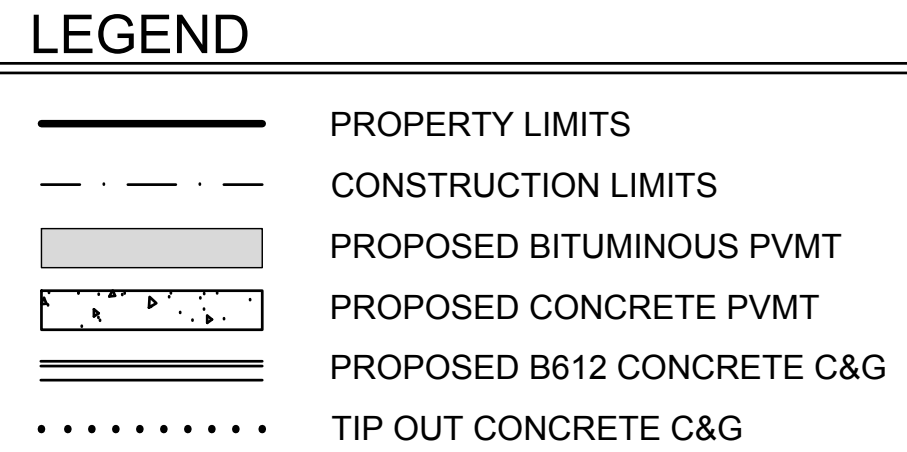
C201

PLOTTED:

COMM. NO.
17991

CALL 48 HOURS BEFORE DIGGING:
GOPHER STATE ONE CALL

TWIN CITY AREA (651)454-0002
MINNESOTA TOLL FREE 1-800-252-1166



- ① PROPOSED MNDOT 2531 CONCRETE CURB.
- ② CONCRETE SIDEWALK. TIP AWAY FROM BUILDING @ 2.0% UNLESS OTHERWISE NOTED ON GRADING PLAN SHEET C400.
- ③ CONSTRUCT LAP JOINT AT EXISTING ASPHALT CONNECTION. SEE DETAIL 8/C700
- ④ CONCRETE VALLEY GUTTER. SEE DETAIL 11/C700.
- ⑤ TRASH ENCLOSURES. SEE ARCHITECTURAL PLANS FOR DETAILS.
- ⑥ INSTALL MUTCD TYPE III BARRICADE MEETING STANDARD SECTION 6F.63.
- ⑦ REPLACE SECTION OF FENCE AFTER NEW MANHOLE IS INSTALLED.

ADDRESS:	UNASSIGNED ROGERS, MN 55374
EXISTING ZONE:	RC - REGIONAL EMPLOYMENT CENTER
PROPOSED ZONE:	RC - REGIONAL EMPLOYMENT CENTER

PROPERTY SIZE: 118,645 SF (2.72 Ac)

LOT COVERAGE = 75% MAX, 65% IF CORRIDOR
PROPOSED LOT COVERAGE = 52.1%

BUILDING SETBACKS

FRONT: 20' , 30' IF CORRIDOR
 REAR: 20'
 SIDE STREET: 20'
 SIDE INTERIOR: 10'

PARKING SETBACKS

FRONT: 20', 30' IF CORRIDOR
 REAR: 10'
 SIDE STREET: 20', 30' IF CORRIDOR
 SIDE INTERIOR: 5'

TYPICAL STALL SIZE = 9' X 18'
MINIMUM DRIVE AISLE = 26'

RESTAURANT - AT LEAST 1 SPACE FOR EACH 40 SF OF GROSS FLOOR AREA OF DINING AND BAR AREA AND 1 SPACE FOR EACH 80 SF OF KITCHEN AREA.

DINING AREA

DINING AREA	2626 SF
PRIVATE DINING	434 SF
SIMULATOR	457 SF
OUTDOOR PATIO	<u>2128 SF</u>
	5645/40 = 141.13 SPACES

KITCHEN AREA

KITCHEN	1200 SF
BAR	<u>329 SF</u>
	1529/80 = 19.11 SPACES

RESTAURANT TOTAL = 141.13 + 19.11 = 160.24 = 161 SPACES REQ'D

FUTURE RETAIL - 5 SPACES FOR EACH 1,000 SF,

FUTURE RETAIL

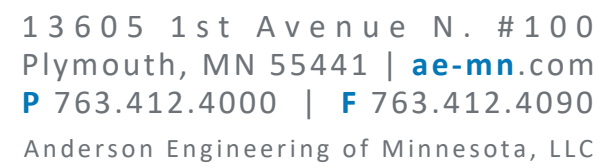
$$5537/1000 = 5.54 \times 5 = 27.69 \text{ SPACES} = \underline{28 \text{ SPACES REQ'D}}$$

TOTAL BUILD OUT PARKING REQUIRES = 161 + 28 = 189 SPACES REQ'D

PARKING SHOWN 128 SPACES

HANDICAPPED REQUIREMENTS

151-200 SPACES = 6 HANDICAPPED SPACES REQ'D



HWY 101 & 141ST ST
NORMANDALE BLVD
ROGERS, MN 55374

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REVISION LOG

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SITE APPROVAL PLAN

OCTOBER 8TH, 2024

DESIGNED: BJF	DRAWN: DKV	CHECKED BY: BJF
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DRAWING TITLE

SITE PLAN

DRAWING NO.

C300

PLOTTED: ---	COMM. NO. 17991
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ROGERS, MN 55374

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OF MINNESOTA.

PRINT NAME: BRIAN J. FIELD, PE

SIGNATURE: NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 5722

REVISION LOG

NO.	DATE	DESCRIPTION OF REVISION:
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SITE APPROVAL PLAN

OCTOBER 8TH, 2024

DESIGNED:
BJF

DRAWN
DKV

HECKED BY
BJF

DRAWING TITLE

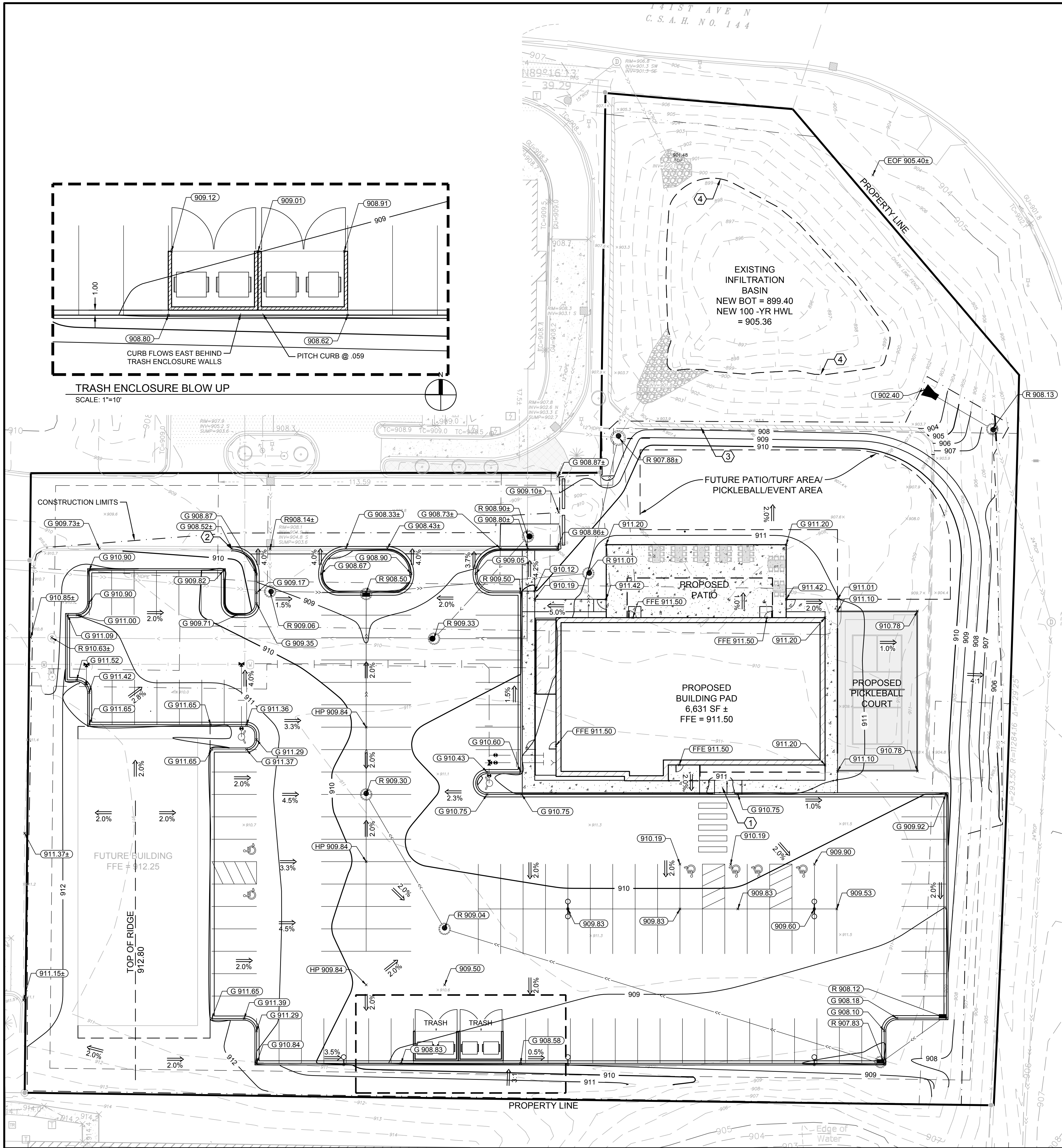
GRADING AND DRAINAGE PLAN

DRAWING NO.

C400

PLOTTED

COMM. NC
17991



SPOT ELEVATION KEY

±	EXISTING GRADE
G	GUTTER FLOW LINE
TC	TOP OF CURB
HP	HIGH POINT ELEVATION
R	RIM ELEVATION
EOF	EMERGENCY OVERFLOW ELEVATION
FFE	FINISHED FLOOR ELEVATION

LEGEND

	PROPERTY LIMITS
	CONSTRUCTION LIMITS
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	EXISTING SPOT ELEVATION
	DRAINAGE ARROW
	PROPOSED CONCRETE C&G

KEY NOTES

- ① PEDESTRIAN CURB RAMP MEETING 2020 MINNESOTA ACCESSIBILITY STANDARDS.
- ② MATCH EXISTING CURB GRADE.
- ③ EXISTING RETAINING WALL TO REMAIN.
- ④ FILL POND BOTTOM TO ELEVATION 899.40.

GRADING NOTES

1. THE CONTRACTOR MUST CONSTRUCT/GRADE SIDEWALKS AND ACCESSIBLE ROUTES, INCLUDING CROSSING DRIVEWAYS, IN ACCORDANCE WITH CURRENT ADA STATE AND NATIONAL STANDARDS. IMMEDIATE WRITTEN NOTIFICATION TO THE ENGINEER IS REQUIRED IF ADA CRITERIA CANNOT BE MET AT ANY LOCATION.
2. IMPORTED SUITABLE FILL MATERIAL NEEDED MUST BE APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE BRINGING IT ON THE SITE.
3. THE CONTRACTOR MUST COORDINATE REQUIRED SOIL TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.
4. THE CONTRACTOR IS RESPONSIBLE FOR EXCAVATING AND DISPOSING OF UNSUITABLE OR CONTAMINATED SOILS DISCOVERED ONSITE IN ACCORDANCE WITH APPLICABLE REGULATIONS AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
5. EXISTING TOPSOIL ON-SITE VARIES IN DEPTH. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SURFACE VEGETATION, TOPSOIL, AND OTHER UNSUITABLE MATERIAL FROM IMPERVIOUS AREAS AND OTHER DESIGNATED AREAS BEFORE PLACING SUITABLE FILL MATERIAL, AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
6. EXCAVATE, COMPACT EMBANKMENT/SUITABLE FILL, AND BACKFILL IN ACCORDANCE WITH MNDOT SPEC 2106 SPECIFIED DENSITY METHOD. THE CONTRACTOR MUST MEET MOISTURE CONTENT/CONTROL REQUIREMENTS IN ACCORDANCE WITH MNDOT 2106 AND SITE TESTING REQUIREMENTS.
7. ONSITE EMBANKMENT MATERIAL FREE OF ORGANIC SOIL AND DEBRIS MAY BE CONSIDERED FOR REUSE AS SUITABLE FILL MATERIAL IN PERVIOUS AREAS BUT MUST BE APPROVED BY THE GEOTECHNICAL ENGINEER.
8. THE CONTRACTOR SHOULD PROMPTLY BACKFILL SUBGRADE AND TRENCH EXCAVATIONS AFTER EXCAVATION.
9. THE CONTRACTOR IS RESPONSIBLE FOR QUANTIFYING SOIL IMPORT OR EXPORT AND CONDUCTING THEIR OWN QUANTITY TAKEOFFS FROM THE DRAWINGS. ADDITIONAL ON-SITE EXCAVATION OR OFF-SITE IMPORT MAY BE NECESSARY TO ACHIEVE FINAL GRADES, AND THE CONTRACTOR MUST COORDINATE THESE ACTIONS WITH THE OWNER AND ENGINEER. THE SUITABILITY OF OFFSITE IMPORT MATERIAL MUST BE VERIFIED BY THE GEOTECHNICAL ENGINEER. ANY EXCESS MATERIAL, UNLESS NOTED OTHERWISE, BELONGS TO THE CONTRACTOR AND SHOULD BE MOVED AND DISPOSED OF OFFSITE IN ACCORDANCE WITH APPLICABLE LAWS.
10. GRADING DISCREPANCIES IN EXISTING OR PROPOSED GRADES MUST BE REPORTED IN WRITING TO THE ENGINEER BEFORE PLACING PAVEMENT. THE CONTRACTOR SHOULD OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING BEFORE PLACEMENT TO ENSURE ADEQUATE DRAINAGE.
11. EXISTING SPOT ELEVATIONS AT MATCH POINTS ARE BASED ON SITE SURVEY DATA. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONNECTION POINTS BEFORE INSTALLATION OF IMPROVEMENTS AND MUST NOTIFY THE ENGINEER IN WRITING OF ANY FIELD DISCREPANCIES. THE CONTRACTOR IS RESPONSIBLE FOR REWORK OF ANY DISCREPANCIES THAT ARE NOT COMMUNICATED TO THE ENGINEER IN WRITING AT NO ADDITIONAL COST TO THE OWNER.
12. THE PROPOSED CONTOURS PERTAIN TO THE FINISHED SURFACE GRADE, UNLESS OTHERWISE INDICATED.
13. THE CONTRACTOR IS RESPONSIBLE FOR MEETING GRADING/COMPACTION REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT AND SPECIFICATIONS FOR THE PROJECT.
14. IMPORTED SUITABLE FILL MATERIAL MUST BE APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE BRINGING IT ON THE SITE.
15. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING DEWATERING MEASURES AS REQUIRED OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
16. COMPACTION TESTING SHALL FOLLOW THE FREQUENCY OUTLINED IN THE GEOTECHNICAL REPORT OR MNDOT SCHEDULE OF MATERIALS CONTROL. WHERE NO FREQUENCY IS PROVIDED, CONSULT THE ENGINEER FOR MINIMUM REQUIREMENTS.
17. GRADING ELEVATIONS SHALL CONFORM TO MNDOT SPEC 2106.3.1.



- 1) INSTALL AND MAINTAIN SILT/FINE PERIMETER SEDIMENT PROTECTION IN TURF AREAS.
USE BIO-ROLLS AS NEEDED IN PAVED AREA.
- 2) INSTALL AND MAINTAIN INLET SEDIMENT PROTECTION.
- 3) INSTALL TEMP ROCK ENTRANCE OR HARD SURFACE ASPHALT/CONCRETE AT CONSTRUCTION INGRESS & EGRESS LOCATION PRIOR TO EXCAVATION. MAINTAIN THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS.
- 4) AREAS WITH SLOPES STEEPER THAN 4:1 TO HAVE EROSION CONTROL BLANKET AND SEED INSTALLED. EROSION CONTROL BLANKET TO BE CATEGORY 3 OR 3N PER MNDOT SPEC 3885.

1. GRADING CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO CONSTRUCTION.

2. ALL EROSION CONTROL MEASURES CALL FOR ON THESE PLANS AND SPECIFICATIONS, WHICH MAY INCLUDE SILT FENCE, SEDIMENTATION BASINS OR TEMPORARY SEDIMENT TRAPS, SHALL BE CONSTRUCTED AND SERVICEABLE IN THE FOLLOWING ORDER:

- A. ROCK CONSTRUCTION ENTRANCES A MINIMUM OF 50 FEET
- B. SILT FENCE
- C. TEMPORARY CULVERTS
- D. TEMPORARY SEDIMENTATION BASINS AND OUTFALL FACILITIES
- E. STORMWATER POND CONSTRUCTION
- F. COMMON EXCAVATION AND EMBANKMENT (GRADING)
- G. SEED AND MULCH OR SOD
- H. BIO-ROLL BARRIERS IN FINISHED GRADED AREAS
- I. INLET AND OUTLET FACILITIES SUBSEQUENT TO STORM SEWER WORK

3. GRADING CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY AND NPDES PHASE II PERMITTING REQUIREMENTS AS WELL AS EROSION CONTROL MEASURES AS MAY BE SHOWN ON THESE PLANS OR SPECIFICATIONS. GRADING CONTRACTOR SHALL IMPLEMENT ANY ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED TO PROTECT ADJACENT PROPERTIES.

4. ALL EROSION CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR DURING GRADING OPERATIONS. ANY TEMPORARY FACILITIES WHICH ARE TO BE REMOVED AS CALLED FOR ON THESE PLANS AND SPECIFICATIONS SHALL BE REMOVED BY THE GRADING CONTRACTOR WHEN DIRECTED BY THE ENGINEER. THE GRADING CONTRACTOR SHALL RESTORE THE SUBSEQUENTLY DISTURBED AREA IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.

5. THE GRADING CONTRACTOR SHALL SCHEDULE THE SOILS ENGINEER SO THAT CERTIFICATION OF ALL CONTROLLED FILLS WILL BE FURNISHED TO THE OWNER DURING AND UPON COMPLETION OF THE PROJECT.

6. ALL DISTURBED AREAS, EXCEPT AREAS TO BE PAVED AND/OR SPECIFICALLY DESIGNED BY A LANDSCAPE PLAN, SHALL BE COVERED WITH A MINIMUM OF 1" OF TOP SOIL AS INDICATED IN SPECIFICATIONS OR LANDSCAPE PLAN. ALL DISTURBED AREAS SHALL BE SEEDED & MULCHED AT THE PRESCRIBED RATES WITHIN 72 HOURS OF FINAL GRADING UNLESS OTHERWISE NOTED.

THESE EFFORTS WILL BE INCIDENTAL TO THE EROSION CONTROL BID ITEM.

CHANGE OF COVERAGE: FOR STORM WATER DISCHARGES FROM CONSTRUCTION PROJECTS WHERE THE OWNER OR OPERATOR CHANGES, (E.G., AN ORIGINAL DEVELOPER SELLS PORTION OF THE PROPERTY TO VARIOUS BUILDERS) THE NEW OWNER OR OPERATOR MUST SUBMIT A SUBDIVISION REGISTRATION WITHIN 7 DAYS OF ASSUMING TRANSFERS, SALE OR CLOSING ON THE PROPERTY.

INDIVIDUAL SITE BUILDERS SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL NECESSARY EROSION CONTROL MEASURES AS MAY BE REQUIRED. REQUIRED ECMS SHALL CONSIST OF BUT NOT BE LIMITED TO THE FOLLOWING:

- A. STAKED FIBER ROLL ROLLS AT BACK OF ALL CURB EXCEPT AT CONSTRUCTION / DRIVEWAY ENTRANCE.
- B. SILT FENCE OR AN DOWN GRADIENT SLOPE OF CONSTRUCTION AREA. SILT FENCE HAVE THE BOTTOM DUG IN WITH SOIL FIRMLY COMPACTED.
- C. STAKED EROSION CONTROL HAVING 1" TO 2" CLEAR ROCK OVER GEOTEXTILE FABRIC.
- D. STREET CLEANINGS AS MAY BE REQUIRED SHOULD VEHICLE TRACKING OCCUR.

INDIVIDUAL SITE BUILDERS ARE REQUIRED TO MAINTAIN EROSION CONTROL MEASURES UNTIL, SUCH TIME AS INDIVIDUAL YARDS/VEGETATION ARE ESTABLISHED.

CONTRACTOR SHALL PROVIDE A TEMPORARY LEED SEDIMENTATION BASIN ON SITE FOR CONSTRUCTION WASH OUT USE. TEMPORARY BASIN SHALL BE LOCATED AS TO PROVIDE EASY ACCESS FOR CONSTRUCTION VEHICLES AND CONCRETE TRUCKS AS NECESSARY.

INLET SEDIMENTATION CONTROL IS TO BE PROVIDED TO ALL STORM BREECH CATCH BASIN THROUGHOUT CONSTRUCTION. MEASURES APPLIED SHALL COMPLY WITH BEST MANAGEMENT PRACTICES FOR MINOR/LOCAL APPLICATION OF WATERSHED MANAGEMENT FOR PHASE OF CONSTRUCTION.

CONTRACTOR SHALL PREVENT SOIL LOSS DURING CONSTRUCTION DUE TO WIND EROSION THROUGHOUT CONSTRUCTION. MUST BE SUPPRESSED THROUGH THE APPLICATIONS OF VAPOR, AS DEEMED NECESSARY BY THE CONTRACTOR, OR THROUGH EQUIVALENT BMP'S AS APPROVED BY THE ENGINEER.

IF LEED ACCREDITATION IS APPLICABLE, CONTRACTOR SHALL DOCUMENT THE IMPLEMENTATION OF THE EROSION AND SEDIMENTATION CONTROL PLAN THROUGH DATE-STAMPED PHOTOS AND INSPECTION LOGS TO REPORTS. REPORTS SHALL INCLUDE AT A MINIMUM DESCRIPTION OF ALL EMPLOYED BMP'S INCLUDING BOTH MEASURES TO PREVENT SOIL LOSS DUE TO RUNOFF AND SOIL LOSS DUE TO WIND EROSION, BMP'S DEEMED UNNECESSARY DUE TO SITE CONDITIONS, CORRECTIVE ACTIONS TAKEN IN RESPONSE TO PROBLEMS, AND ANY ADDITIONAL PRACTICES FOR MINOR/LOCAL APPLICATION OF WATERSHED MANAGEMENT FOR PHASE OF CONSTRUCTION.



ANDERSON

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TOUSLEY & CO
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SIGNATURE: NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 57224

REVISION LOG

NO.	DATE	DESCRIPTION OF REVISIONS
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SITE APPROVAL PLAN

OCTOBER 8TH, 2024

DESIGNED: BJF	DRAWN: DKV	CHECKED BY: BJF
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DRAWING TITLE

EROSION AND SEDIMENT PLAN

DRAWING NO.

C500

PLOTTED:

COMM. NO.
17991

Oct 04, 2024 - 1:12pm
Xref Filename: \17991 AE Commercial Title Block\
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Y:\17900\17991 TOUSLEY CO - NEW RESTAURANT - ROGERS MNL_07 Civil_01 SHEETS\17991_C_SWPPP.dwg

ANDERSON

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 Plymouth, MN 55441 | ae-mn.com
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 Anderson Engineering of Minnesota, LLC

ALL AREAS DISTURBED BY CONSTRUCTION WILL RECEIVE SEED OR SOD ACCORDING TO THE PLANS AND SPECIFICATIONS AND WITHIN THE SPECIFIED VEGETATIVE TIME SCHEDULE. FINAL STABILIZATION WILL OCCUR WHEN THE SITE HAS A UNIFORM VEGETATIVE COVER WITH A DENSITY OF 70% OVER THE ENTIRE DISTURBED AREA COMPARED TO EXISTING CONDITIONS. ALL TEMPORARY SYNTHETIC EROSION PREVENTION AND SEDIMENT CONTROL BMPs MUST BE REMOVED AS PART OF THE SITE FINAL STABILIZATION. ALL SEDIMENT MUST BE CLEANED OUT OF CONVEYANCES AND TEMPORARY SEDIMENTATION BASINS IF APPLICABLE. STABILIZATION TIME FRAMES CAN BE SEEN ON THE FOLLOWING TABLE AND THE FOLLOWING SHEET OF THE SWPPP NARRATIVE.

1. INITIATE INLET STABILIZATION IMMEDIATELY WHEN CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED ON ANY PORTION OF THE SITE. COMPLETE STABILIZATION WITHIN THE TIME FRAME LISTED. IN MANY INSTANCES THIS WILL REQUIRE STABILIZATION TO OCCUR MORE THAN ONCE DURING THE COURSE OF THE PROJECT. TEMPORARY SOIL STOCKPILES WITHOUT SIGNIFICANT CLAY OR SILT AND STOCKPILED AND CONSTRUCTED ROAD BASE ARE NOT APPROPRIATE AND THEREFORE EXEMPT FROM THE STABILIZATION REQUIREMENT.
2. APPLICATION OF MULCH, HYDROMULCH, TACKIFIER AND POLYACRYLAMIDE ARE NOT ACCEPTABLE STABILIZATION METHODS IN THESE AREAS.
3. STABILIZE ALL AREAS OF THE SITE PRIOR TO THE ONSET OF WINTER, ANY WORK STILL BEING PERFORMED WILL BE SNOW MULCHED, SEEDED, AND BLANKETED WITHIN THE TIME FRAMES IN THE NPDES PERMIT.
4. TOPSOIL BERMS MUST BE STABILIZED IN ORDER TO BE CONSIDERED PERIMETER CONTROL BMPs. USE RAPID STABILIZATION METHOD 2, 3, OR 4 AS DIRECTED BY THE ENGINEER. THE SEED MIX USED IN THE RAPID STABILIZATION MAY BE SUBSTITUTED AS FOLLOWS:
 - A. SINGLE YEAR CONSTRUCTION BETWEEN MAY 1 - AUGUST 1, SEED WITH SEED MIXTURE 21.111
 - B. SINGLE YEAR CONSTRUCTION BETWEEN AUGUST 1 AND OCTOBER 31, SEED WITH SEED MIXTURE 21-112
 - C. MULTI YEAR CONSTRUCTION 22-111
5. KEEP DITCHES AND EXPOSED SOILS IN AN EVEN ROUGH GRADED CONDITION IN ORDER TO BE ABLE TO APPLY EROSION CONTROL MULCHES, HYDROMULCHES AND BLANKETS.
6. AREAS THAT HAVE SLOPES LESS THAN 3:1 TO RECEIVE HYDROMULCH APPLICATION. AREAS WITHIN LAST 200 LINEAL FEET OF DRAINAGE DITCH OR SWALE & AREAS WITH SLOPES GRATER THAN 3:1, TO RECEIVE A COVER OF EROSION CONTROL BLANKET.
7. TEMPORARY OR PERMANENT DITCHES OR SWALES THAT ARE BEING USED AS A SEDIMENT CONTAINMENT SYSTEM DURING CONSTRUCTION MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM.
8. SEED SHALL BE APPLIED AT A RATE AS SPECIFIED PER MNDOT SEEDING MANUAL. WITH 2 TONS SHREDDED AND PUNCHED IN PLACE STRAW PER ACRE. HYDROSEEDING PER MNDOT SPEC SECTION 3884 & MULCHING IS AN ACCEPTABLE ALTERNATE FOR COVER.

1. CONTRACTOR SHALL AMEND THE SWPPP AND DOCUMENT ANY AND ALL CHANGES TO THE SWPPP AND ASSOCIATED PLAN SHEETS WITHIN 7 DAYS UPON IMPLEMENTATION. STORE THE SWPPP AND ALL AMENDMENTS ON SITE AT ALL TIMES.
2. PREPARE AND SUBMIT A SITE MANAGEMENT PLAN FOR THE ENGINEER'S ACCEPTANCE FOR CONCRETE MANAGEMENT, CONCRETE SLURRY APPLICATION AREAS, WORK IN AND NEAR AREAS OF ENVIRONMENTAL SENSITIVITY, AREAS IDENTIFIED IN THE PLANS AS "SITE MANAGEMENT PLAN AREA", ANY WORK THAT WILL REQUIRE DEWATERING, AND AS REQUESTED BY THE ENGINEER. SUBMIT ALL SITE MANAGEMENT PLANS TO THE ENGINEER IN WRITING. ALLOW ALL MINIMUM OF 7 DAYS FOR THE ENGINEER TO REVIEW AND ACCEPT SITE MANAGEMENT PLAN SUBMITTALS. WORK WILL NOT BE ALLOWED TO COMMENCE IF A SITE MANAGEMENT PLAN IS REQUIRED UNTIL ACCEPTANCE HAS BEEN GRANTED BY THE ENGINEER. THERE WILL BE NO EXTRA TIME ADDED TO THE CONTRACT DUE TO THE UNTIMELY SUBMITTAL.
3. IT IS THE DESIGNER'S INTENT THAT THE CONTRACTOR BUILD PONDS AND INSTALL EROSION CONTROL BMPS BEFORE PUTTING THEM INTO ACTIVE SERVICE TO THE MAXIMUM EXTENT PRACTICABLE.
4. BURNING OF ANY MATERIAL IS NOT ALLOWED WITHIN PROJECT BOUNDARY.
5. DO NOT DISTURB AREAS OUTSIDE OF THE CONSTRUCTION LIMITS. DELINEATE AREAS NOT TO BE DISTURBED PRIOR TO STARTING GROUND DISTURBING ACTIVITIES. IF IT BECOMES NECESSARY TO DISTURBED AREAS OUTSIDE OF THE CONSTRUCTION LIMITS OBTAIN WRITTEN PERMISSION FROM THE PROJECT ENGINEER PRIOR TO PROCEEDING. PRESERVE ALL NATURAL BUFFERS SHOWN ON THE PLANS.
6. ROUT STORMWATER AROUND UNSTABILIZED AREAS OF THE SITE WHENEVER FEASIBLE. PROVIDE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES AS NEEDED TO KEEP CHANNELS FROM ERODING AND TO PREVENT NUISANCE CONDITIONS AT THE OUTLET.
7. DIRECT DISCHARGES FROM BMPs TO VEGETATED AREA WHENEVER FEASIBLE. PROVIDE VELOCITY DISSIPATION DEVICES AS NEEDED TO PREVENT EROSION.
8. THE EROSION PREVENTION AND SEDIMENT CONTROL BMPs SHALL BE PLACED AS NECESSARY TO MINIMIZE EROSION FROM DISTURBED SURFACES AND TO CAPTURE SEDIMENT ON SITE. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF ANY REMOVAL WORK AND/OR GROUND DISTURBING ACTIVITIES COMMENCE.
9. ESTABLISH SEDIMENT CONTROL DEVICES ON ALL DOWN GRADIENT PERIMETERS AND UP GRADIENT OF ANY BERMED ZONE BEFORE AND UP GRADIENT LAND DISTURBING ACTIVITIES BEGIN. MAINTAIN SEDIMENT CONTROL DEVICES UNTIL CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
10. LOCATE PERIMETER CONTROL ON THE CONTOUR TO CAPTURE OVERLAND, LOW-VELOCITY SHEET FLOWS DOWN GRADIENT OF ALL EXPOSED SLOES AND PRIOR TO DISCHARGING TO SURFACE WATERS. PLACE J-HOOKS AT A MAXIMUM OF 100 FOOT INTERVALS.
11. PROVIDE PERIMETER CONTROL AROUND ALL STOCKPILES. PLACE BMP A MINIMUM 5 FEET FROM THE TOE OF SLOPE WHERE FEASIBLE. DO NOT PLACE STOCKPILES IN NATURAL BUFFER AREAS, SURFACE WATERS OR STORMWATER CONVEYANCES.
12. FLOATING SILT CURTAIN IS ALLOWED AS PERIMETER CONTROL FOR IN WATER WORK ONLY. INSTALL THE FLOATING SILT CURTAIN AS CLOSE TO SHORE AS POSSIBLE. PLACE PERIMETER CONTROL BMP ON LAND IMMEDIATELY AFTER THE IN WATER WORK IS COMPLETED.
13. DITCH CHECKS WILL BE PLACED AS INDICATED ON THE PLANS DURING ALL PHASES OF CONSTRUCTION.
14. PLACE CONSTRUCTION EXITS, AS NECESSARY, TO PREVENT TRACKING OF SEDIMENT ON PAVED SURFACES BOTH ON AND OFF THE PROJECT SITE. PROVIDE CONSTRUCTION EXITS OF SUFFICIENT SIZE TO PREVENT TRACKING OUT. MAINTAIN CONSTRUCTION EXITS WHEN EVIDENCE OF TRACKING IS DISCOVERED. REGULAR STREET SWEEPING IS NOT AN ACCEPTABLE ALTERNATIVE TO PROPER CONSTRUCTION EXIT INSTALLATION AND MAINTENANCE. CONSTRUCTION EXITS ARE INCIDENTAL.
15. DISCHARGE TURBID OR SEDIMENT LADEN WATER TO TEMPORARY SEDIMENT BASINS WHENEVER FEASIBLE. IN THE EVENT THAT IT IS NOT FEASIBLE TO DISCHARGE THE SEDIMENT LADEN WATER TO A TEMPORARY SEDIMENT BASIN, THE WATER MUST BE TREATED SO THAT IT DOES NOT CAUSE A NUISANCE CONDITION IN THE RECEIVING WATERS OR TO DOWNSTREAM LANDOWNERS. CLEAN OUT ALL PERMANENT STORMWATER BASINS REGARDLESS OF WHETHER USED AS TEMPORARY SEDIMENT BASINS OR TEMPORARY SEDIMENT TRAPS TO THE DESIGN CAPACITY AFTER ALL UP GRADIENT LAND DISTURBING ACTIVITY IS COMPLETED.
16. PROVIDE SCOUR PROTECTION AT ANY OUTFALL OF DEWATERING ACTIVITIES.
17. PROVIDE STABILIZATION IN ANY TRENCHES CUT FOR DEWATERING OR SITE DRAINING PURPOSES.

1. PROVIDE A SPILL KIT AT EACH WORK LOCATION ON THE SITE.
2. STORE ALL BUILDING MATERIALS THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS, PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPE MATERIALS UNDER COVER WITH SECONDARY CONTAINMENT.
3. PROVIDE A SECURE STORAGE AREA WITH RESTRICTED ACCESS FOR ALL HAZARDOUS MATERIALS AND TOXIC WASTE. RETURN ALL HAZARDOUS MATERIALS AND TOXIC WASTE TO THE DESIGNATED STORAGE AREA AT THE END OF THE BUSINESS DAY UNLESS INFEASIBLE. STORE ALL HAZARDOUS MATERIALS AND TOXIC WASTE (INCLUDING BUT NOT LIMITED TO OIL, DIESEL FUEL, GASOLINE, HYDRAULIC FLUIDS, PAINT, PETROLEUM BASED PRODUCTS, WOOD PRESERVATIVES, ADDITIVES, CURING COMPOUNDS, AND ACIDS) IN SEALED CONTAINERS WITH SECONDARY CONTAINMENT. CLEAN UP SPILLS IMMEDIATELY.
4. STORE, COLLECT AND DISPOSE OF ALL SOLID WASTE.
5. POSITION ALL PORTABLE TOILETS SO THAT THEY ARE SECURE AND CANNOT BE TIPPED OR KNOCKED OVER. PROPERLY DISPOSE OF ALL SANITARY WASTE.
6. FUEL AND MAINTAIN VEHICLES IN A DESIGNATED CONTAINED AREA WHENEVER FEASIBLE. USE DRIP PANS OR ABSORBENT MATERIALS TO PREVENT SPILLS OR LEAKED CHEMICALS FROM DISCHARGING TO SURFACE WATER OR STORMWATER CONVEYANCES. PROVIDE A SPILL KIT AT EACH LOCATION THAT VEHICLES AND EQUIPMENT ARE FUELED OR MAINTAINED AT.
7. LIMIT VEHICLE AND EQUIPMENT WASHING TO A DEFINED AREA OF THE SITE. CONTAIN RUNOFF FROM THE WASHING AREA TO A TEMPORARY SEDIMENT BASIN OR OTHER EFFECTIVE CONTROL. PROPERLY DISPOSE OF ALL WASTE GENERATED BY VEHICLE AND EQUIPMENT WASHING. ENGINE DEGREASING IS NOT ALLOWED ON THE SITE.
8. PROVIDE EFFECTIVE CONTAINMENT FOR ALL LIQUID AND SOLID WASTES GENERATED BY WASHOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS. LIQUID AND SOLID WASHOUT WASTES MUST NOT CONTACT THE GROUND. DESIGN THE CONTAINMENT SO THAT IT DOES NOT RESULT IN RUNOFF FROM THE WASHOUT OPERATIONS OR CONTAINMENT AREA.
9. CREATE AND FOLLOW A WRITTEN DISPOSAL PLAN FOR ALL WASTE MATERIALS. INCLUDE IN THE PLAN HOW THE MATERIAL WILL BE DISPOSED OF AND THE LOCATION OF THE DISPOSAL SITE. SUBMIT PLAN TO THE ENGINEER.
10. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT DISCHARGE OR PLACEMENT OF BITUMINOUS GRINDINGS, CUTTING, MILLINGS, AND OTHER BITUMINOUS WASTES FROM AREAS OF EXISTING OR FUTURE VEGETATED SOILS AND FROM ALL WATER CONVEYANCE SYSTEMS, INCLUDING INLETS, DITCHES AND CURB FLOW LINES.
11. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT CONCRETE DUST, PARTICLES, CONCRETE WASH OUT, AND OTHER CONCRETE WASTES FROM LEAVING SITE, DEPOSITING IN EXISTING OR FUTURE VEGETATED AREAS, AND FROM ENTERING STORMWATER CONVEYANCE SYSTEMS, INCLUDING INLETS, DITCHES AND CURB FLOW LINES. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT SAW CUT SLURRY AND PLANING WASTE FROM LEAVING SITE AND FROM ENTERING STORMWATER CONVEYANCE SYSTEMS INCLUDING DITCHES AND CULVERTS.

THE SWPPP, ALL CHANGES TO IT AND INSPECTION AND MAINTENANCE RECORDS MUST BE KEPT ON-SITE DURING CONSTRUCTION. THE OWNER MUST RETAIN A COPY OF THE SWPPP ALONG WITH THE FOLLOWING RECORDS FOR THREE (3) YEARS AFTER SUBMITTAL OF THE NOTICE OF TERMINATION (NOT).

1. ANY OTHER PERMITS REQUIRED FOR THE PROJECT.
2. RECORDS OF ALL INSPECTION AND MAINTENANCE CONDUCTED DURING CONSTRUCTION
3. ALL PERMANENT OPERATIONS AND MAINTENANCE AGREEMENT THAT HAVE BEEN IMPLEMENTED INCLUDING ALL RIGHT OF WAY, CONTRACTS, COVENANTS AND OTHER BINDING REQUIREMENTS REGARDING PERPETUAL MAINTENANCE; AND
4. ALL REQUIRED CALCULATIONS FOR DESIGN OF THE TEMPORARY AND PERMANENT STORMWATER MANAGEMENT SYSTEMS.

ITEM	INSTALLATION	INSPECTION & MAINTENANCE	REMOVAL
SILT FENCE	PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS.	INSPECT & MAINT. AFTER EACH RUN-OFF EVENT. REMOVE SEDIMENTS AS REQUIRED.	AFTER TRIBUTARY DRAINAGE AREA IS RESTORED.
ROCK CONST. ENTRANCE	PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS.	INSPECT REGULARLY. MAINTAIN AS NEEDED.	PRIOR TO PAVING.
OUTLET SKIMMER STRUCTURE	AFTER POND GRADING IS COMPLETED.	INSPECT REGULARLY. MAINTAIN AS NEEDED.	PERMANENT.
RIP-RAP & FILTER	UPON COMPLETION OF POND GRADING, CONC. SWALE CONST. AND OUTLET INSTALLATION.	INSPECT & MAINTAIN AT LEAST ANNUALLY AND AFTER HEAVY RAINFALL EVENTS.	PERMANENT.
DETECTION POND	DURING EARTHWORK OPERATIONS.	AFTER HEAVY RAINFALL EVENTS REMOVE SEDIMENTS AS NEEDED.	PERMANENT.
SEED & MULCH	AFTER POND GRADING IS COMPLETED.	INSPECT & MAINTAIN AFTER HEAVY RAINS. REPLACE WASH-OUT AREAS IMMEDIATELY.	NO REMOVAL NECESSARY.
INLET PROTECTION	UPON INLET CONSTRUCTING	WHEN 1/3 CAPACITY OF BMP IS REACHED.	AFTER TRIBUTARY AREAS ARE FULLY RESTORED

LAND HAS NOT BEEN DEVELOPED. THEREFORE, THERE IS NO PROBABLE CAUSE OF SOIL CONTAMINATION ON SITE

THE EXISTING CLAYEY SOILS MAY COLLECT WATER DURING TIMES OF INCLEMENT WEATHER OR SNOW MELT. WATER SHOULD BE REMOVED FROM WITHIN EXCAVATION DURING CONSTRUCTION. THE ON-SITE SOILS ARE CONSIDERED POTENTIALLY CORROSIVE. BURIED METALLIC UTILITIES SHOULD BE COATED OR PROTECTED.

FIRST STATE BANK OF ROSEMOUNT IS RESPONSIBLE FOR THE LONG TERM OPERATION & MAINTENANCE OF THE PONDS LOCATED WITHIN THE PROPERTY. FIRST STATE BANK OF ROSEMOUNT PLANS TO ENTER INTO A MAINTENANCE AGREEMENT WITH THE CITY OF ROSEMOUNT THAT IDENTIFIES THAT FIRST STATE BANK OF ROSEMOUNT IS RESPONSIBLE FOR ONGOING MAINTENANCE, AND HOW RESPONSIBILITY WILL BE TRANSFERRED TO OTHER AGENTS.

THE FOLLOWING ACTIONS CAN BE MADE TO MINIMIZE / PREVENT SOIL COMPACTION DURING CONSTRUCTION ACTIVITIES:

1. SOIL RIPPING CAN BE CONDUCTED PRIOR TO OR AFTER TOPSOIL PLACEMENT
2. SOIL SHOULD BE RIPPED TO A TARGET DEPTH OF 20 INCHES WITH AN EFFECTIVE DEPTH OF 15-18 INCHES
3. SPACING OF THE SHANKS SHOULD BE 30 INCHES
4. CALL FOR LOCATES PRIOR TO DEEP SOIL RIPPING.
5. SOIL RIPPING IS TO BE USED WHERE TOP SOIL HAS BECOME OVER COMPACTED AND WITHIN INFILTRATION/FILTRATION AREAS.

1. THE EXPECTED FREQUENCY OF RAINFALL IS A 1-YEAR EVENT WITH AN INTENSITY OF 2.5 IN/HR FOR A 24 HOUR DURATION.
2. EXPECTED FLOW FROM IMPERVIOUS SURFACE IS APPROXIMATELY 3.0 CFS AT ITS PEAK WITH A VOLUME OF 0.15 ACRE FEET.
3. RUNOFF WILL BE CAPTURED VIA STORM SEWER AND ROUTED TO THE EXISTING FILTRATION BASIN NORTH OF THE PROJECT SITE.
4. PEAK DISCHARGE RATES WITHIN SWALES AND AT FLARED END SECTIONS ARE TO BE BELOW 5.0 FEET PER SECOND TO PREVENT SCOURING.
5. SOIL PARTICLE SIZES EXPECTED TO BE PRESENT ON SITE ARE CLAY SILT OR SMALLER.

THIS SITE IS PART OF THE UPTOWN ROGERS 3RD ADDITION DEVELOPMENT. THE STORM MANAGEMENT PLAN HAS AN EXISTING INFILTRATION POND. THE POND WAS ORIGINALLY DESIGNED AS A WET POND AS PART OF UPTOWN ROGERS ADDITION DEVELOPMENT. THE POND IN ITS CURRENT STATE DOES NOT HOLD WATER DUE TO HIGH INFILTRATING UNDERLYING SOILS. THE POND IS LABELED AS 1P IN THE UPTOWN ROGERS STORM WATER MANAGEMENT PLAN FROM 2006.

THE NEW DESIGN CALLS FOR RAISING THE POND BOTTOM TO 899.40 TO ALLOW FOR THE 48HR DRAWDOWN TIME. ADDITIONALLY THE OUTLET STRUCTURE WILL BE REDESIGNED TO ENSURE THE POND DOES NOT FLOW OVER THE EMERGENCY OVERFLOW DURING THE 100-YR STORM EVENT.

ALL STORM SEWER HAS BEEN DESIGNED USING 10-YR RETURN FREQUENCY STORM INTENSITIES USED FOR DESIGN. HAS BEEN PULLED FROM THE IDF TABLES DEVELOPED BY MNDOT FOR THE HENNEPIN COUNTY REGION. THE EXISTING STORMWATER POND WAS DESIGNED TO CONTAIN THE 100-YR EVENT WITH CRESTED WEIR SPILLWAYS PROVIDING AN EMERGENCY OVERFLOW FOR LARGER EVENTS. DESIGN CALCULATIONS WERE COMPLETED BY OTHERS. THE PROPOSED DEVELOPMENT WILL BE DESIGNED TO ALLOW 4.28 ACRES OF IMPERVIOUS SURFACE. THE PROPOSED FUTURE SITE BUILD OUT WILL INCLUDE 3.29 ACRES OF IMPERVIOUS SURFACE ACROSS THE DEVELOPMENT, ALLOWING THE FINAL UNDEVELOPED LOT TO USE 0.99 ACRES OF IMPERVIOUS SURFACE AND STILL MEET THE PREVIOUS DESIGN REQUIREMENTS.

THE STORMWATER MANAGEMENT FOR THIS SITE WAS DESIGNED FOR TSS REMOVAL USING MIDS. THE PROPOSED RUNOFF WILL HAVE LESS SUSPENDED SOLIDS THAN THE PRE DEVELOPED LOT. SEE STORMWATER MANAGEMENT PLAN FOR MIDS CALCULATIONS.

WETLANDS:
WETLANDS WILL NOT BE IMPACTED WITH THIS PROJECT.

ENDANGERED SPECIES:
ENDANGERED SPECIES WILL NOT BE IMPACTED WITH THIS PROJECT.

ARCHAEOLOGICAL REVIEW:
THE SITE IS NOT ANTICIPATED TO BE AN ARCHAEOLOGICAL SITE.

1. PRIOR TO SUBMITTING A NOTICE OF TERMINATION TO THE MPCA, THE PERMANENT STORMWATER TREATMENT SYSTEM HAS BEEN CONSTRUCTED, INSPECTED, AND IS OPERATING AS DESIGNED.
2. SUBMIT NOTICE OF TERMINATION TO THE MPCA ONCE PERMIT TERMINATION CONDITIONS ARE MET.
3. TRANSFER OF THE SWPPP AND SUBDIVISION COVERAGE REGISTRATION WILL NEED TO BE COMPLETED WITH THE RESIDENTIAL UNIT CONSTRUCTION.

BMP	ORIGINAL ESTIMATE	MODIFICATION	DATE
ENERGY DISSIPATER			
TEMP SEEDING			
PERMANENT SEEDING	39,003 SF		
PERMANENT SODDING			
MULCHES (SPECIFY TYPES)			
CAT 3 EROSION CONTROL BLANKET	12,011 SF		
SILT FENCING	1,185 LF		
EROSION BIO ROLLS	145 LF		
STORM DRAIN INLET PROTECTION	8 EA		
TEMPORARY OR PERMANENT SEDIMENTATION BASINS			
CONSTRUCTION ENTRANCE	1 EA		
DEWATERING (TREATMENT LOCATION, SCHEMATIC, & SAMPLING PLAN REQUIRED)			
CONCRETE TRUCK WASHOUT	1 EA		



HWY 101 & 141ST ST
NORMANDALE BLVD
ROGERS, MN 55374

TOUSLEY & CO
BUY | SELL | RENOVATE

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.

PRINT NAME: BRIAN J. FIELD, PE

SIGNATURE: NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 57224

NO.	DATE	DESCRIPTION OF REVISIONS
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[illegible]

OCTOBER 8TH, 2024

DESIGNED: BJF	DRAWN: DKV	CHECKED BY: BJF
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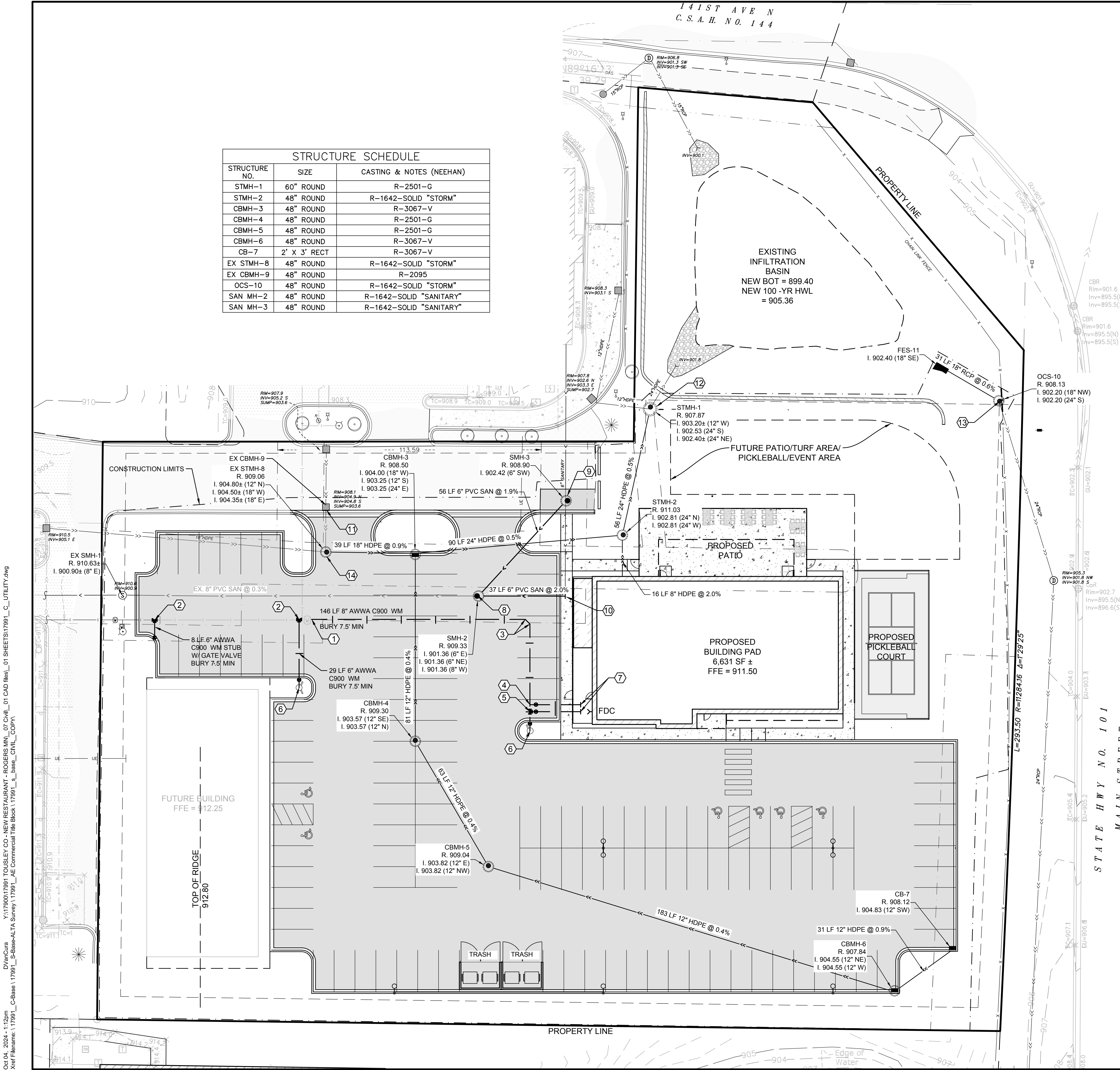
STORMWATER
POLLUTION
PREVENTION
PLAN - PG 2

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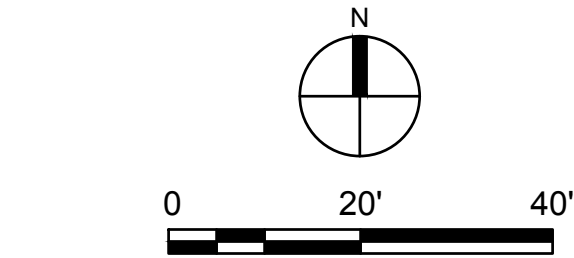
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Oct 04, 2024 - 1:12pm
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Y:\1790017991 TOUSLEY CO - NEW RESTAURANT - ROGERS MN\07 Civil\01 CAD files\01 SHEETS\17991_C UTILITY.dwg



STRUCTURE SCHEDULE		
STRUCTURE NO.	SIZE	CASTING & NOTES (NEEHAN)
STMH-1	60" ROUND	R-2501-G
STMH-2	48" ROUND	R-1642-SOLID "STORM"
CBMH-3	48" ROUND	R-3067-V
CBMH-4	48" ROUND	R-2501-G
CBMH-5	48" ROUND	R-2501-G
CBMH-6	48" ROUND	R-3067-V
CB-7	2' X 3' RECT	R-3067-V
EX STMH-8	48" ROUND	R-1642-SOLID "STORM"
EX CBMH-9	48" ROUND	R-2095
OCS-10	48" ROUND	R-1642-SOLID "STORM"
SAN MH-2	48" ROUND	R-1642-SOLID "SANITARY"
SAN MH-3	48" ROUND	R-1642-SOLID "SANITARY"



LEGEND

	PROPERTY LIMITS
	CONSTRUCTION LIMITS
	EXISTING WATERMAIN
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED WATERMAIN
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
	EXISTING STORM INLETS
	PROPOSED STORM INLETS
	PROPOSED SANITARY CLEANOUTS
	PROPOSED BITUMINOUS PVMT
	PROPOSED CONCRETE PVMT

KEY NOTES

- CONNECT TO EXISTING 8" WATER MAIN STUB.
- CONNECT TO EXISTING 8" WATER MAIN VIA WET TAP AND SADDLE. INSTALL WITH 6" GV.
- INSTALL 45° BEND AS SHOWN.
- INSTALL 2" DOMESTIC LINE WITH CORPORATE STOP.
- INSTALL 8" X 6" WATER TEE WITH 6" GV AS SHOWN.
- INSTALL FIRE HYDRANT AS SHOWN WITH 6" GV.
- WATER MAIN 6" FIRE LINE AND 2" DOMESTIC LINE BUILDING LOCATION. SEE MECHANICAL PLANS FOR EXACT LOCATIONS.
- CONSTRUCT MANHOLE OVER EXISTING 8" SANITARY LINE.
- CONSTRUCT MANHOLE OVER EXISTING 6" SANITARY LINE.
- SANITARY SERVICE BUILDING LOCATION. SEE MECHANICAL PLANS FOR EXACT LOCATIONS.
- REPLACE CASTING ON EXISTING STORM MANHOLE.
- CONSTRUCT 60" MANHOLE TO MATCH EXISTING 24" AND 12" STORM FLOW LINES.
- RECONSTRUCT OUTLET STRUCTURE TO MATCH EXISTING 24" STORM LINE OUTLET.
- RAISE LID OF EXISTING MANHOLE TO MATCH PROPOSED GRADE SHOWN.

UTILITY NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER AND PER THE GEOTECHNICAL REPORT UNLESS DIRECTED OTHERWISE.
- ALL CONSTRUCTION SHALL COMPLY WITH THE 2022 EDITION OF MNDOT SPECIFICATIONS, UNLESS DIRECTED OTHERWISE.
- THE CONTRACTOR IS REQUIRED TO ADHERE TO THE SPECIFICATIONS AND REGULATIONS SET FORTH BY THE CITY/UTILITY PROVIDER, CEAM, AND MINNESOTA PLUMBING CODE (MINNESOTA RULES CHAPTER 4714) CONCERNING THE MATERIALS, INSTALLATION, AND TESTING OF WATER AND SANITARY UTILITIES. VERIFY RECEIPT OF ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
- EXISTING TOPOGRAPHIC AND UTILITY INFORMATION PREPARED BY ANDERSON ENGINEERING. BE ADVISED THAT THE LOCATION AND TYPE OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE INFORMATION IS NOT WARRANTED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR, IN COOPERATION WITH THE APPROPRIATE UTILITY COMPANY OR MUNICIPALITY, IS RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE, AND DEPTH OF ALL UNDERGROUND UTILITIES.
- WATER LINES ARE REQUIRED TO BE INSTALLED AT 7.5 FEET MINIMUM DEPTH AND PROVIDE MINIMUM 10' HORIZONTAL AND 18" VERTICAL SEPARATION OF ALL WATERMAIN CROSSINGS FROM STORM OR SANITARY SEWER. WATERMAIN TO BE INSULATED TO STATE SPECIFICATIONS, WHERE VERTICAL SEPARATION IS LESS THAN 36" OR COVER DEPTHS CANNOT BE ACHIEVED. CONTRACTOR SHALL CONTACT THE ENGINEER IF THERE ARE AREAS WHERE MINIMUM COVER DEPTH CANNOT BE MET.
- WATER SERVICE MATERIALS SHALL BE AWWA C900 AND CL 52 DIP AS SHOWN. CONTRACTOR SHALL VERIFY SERVICE SIZE AND MATERIALS PRIOR TO CONSTRUCTION.
- SANITARY SEWER PIPE MATERIALS SHALL BE PVC SDR 26. PIPE SHALL BE INSULATED PER STATE STANDARDS WHERE 7.5 FOOT COVER DEPTHS ARE NOT ACHIEVED.
- ALL JOINTS AND CONNECTIONS IN THE STORM SEWER SYSTEM SHALL BE WATER TIGHT. APPROVED RESILIENT RUBBER JOINTS MUST BE USED MEETING ASTM F2510 TO MAKE WATER TIGHT CONNECTIONS TO MANHOLES AND CATCH BASINS. DO NOT GROUT OVER FLEXIBLE CONNECTIONS TO MANHOLES.
- RCP STORM SEWER TO MEET ASTM C76 OR APPROVED EQUAL. RCP STORM TO BE CL III REINFORCED UNLESS NOTED OTHERWISE.
- ALL PORTIONS OF THE STORM SEWER SYSTEM LOCATED WITHIN 10 FEET OF THE BUILDING OR WATER SERVICE LINE MUST BE TESTED IN ACCORDANCE WITH MINNESOTA RULES, CHAPTER 4714, SECTION 1109.0.



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Anderson Engineering of Minnesota, LLC



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AMERICAN
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HWY 101 & 141ST ST
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REVISION LOG

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SITE APPROVAL PLAN

OCTOBER 8TH, 2024

DESIGNED: BJF	DRAWN: DKV	CHECKED BY: BJF
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DRAWING TITLE

UTILITY PLAN

DRAWING NO.

C600

PLOTTED:

COMM. NO.
17991



RAY·J's
AMERICAN GRILL

RAY J'S
AMERICAN
GRILL

HWY 101 & 141ST ST
NORMANDALE BLVD
ROGERS, MN 55374

TOUSLEY & CO
BUY | SELL | RENOVATE

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.

PRINT NAME: BRIAN J. FIELD, PE

SIGNATURE: NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 57224

REVISION LOG

NO.	DATE	DESCRIPTION OF REVISIONS
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SITE APPROVAL PLAN
OCTOBER 8TH, 2024

DESIGNED: BJF	DRAWN: DKV	CHECKED BY BJF
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DRAWING TITLE

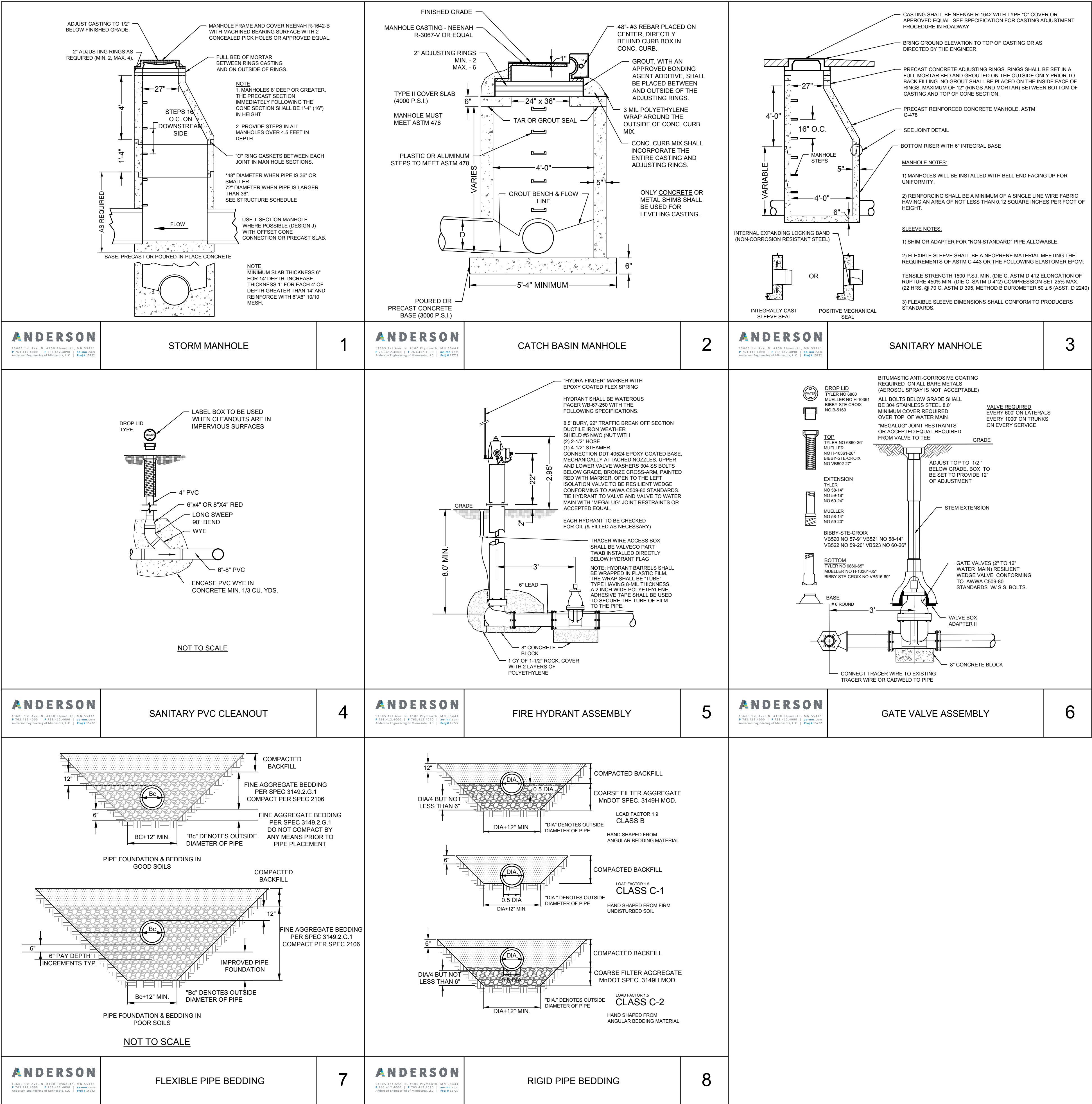
DETAILS 2 OF 2

DRAWING NO.

C701

PLOTTED

COMM. NO
17991



PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONT.	SIZE
DECIDUOUS TREES					
	Qb	3	SWAMP WHITE OAK QUERCUS BICOLOR	B&B	2 - 1/2" CAL.
	Tb	3	BOULEVARD AMERICAN LINDEN TILIA AMERICANA 'BOULEVARD'	B&B	2 - 1/2" CAL.
EVERGREEN TREES					
	Tt	5	TECHNY ARBORVITAE THUJA OCCIDENTALIS 'TECHNY'	B&B	6" HT.
SYMBOL CODE QTY COMMON / BOTANICAL NAME CONT. SIZE					
DECIDUOUS SHRUBS					
	Cs	6	RED TWIG DOGWOOD CORNUS STOLONIFERA	CONT.	5 GAL.
	DI	16	BUSH HONEYSUCKLE DIERVILLA LONICERA	CONT.	5 GAL.
	Rg	22	GRO-LOW FRAGRANT SUMAC RHUS AROMATICA 'GRO-LOW'	CONT.	5 GAL.
EVERGREEN SHRUBS					
	Pc	9	VALLEY CUSHION MUGO PINE PINUS MUGO 'VALLEY CUSHION'	POT	3 GAL.
PERENNIALS					
	Ck	24	KARL FOERSTER FEATHER REED GRASS CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	CONT.	3 GAL.
	Nw	20	WALKER'S LOW CATMINT NEPETA X FAASSENII 'WALKER'S LOW'	CONT.	1 GAL.

LEGEND

	PROPERTY LIMITS
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	MNDOT SOUTHERN BOULEVARD SEED MIX
	MNDOT MESIC INSLOPE SEED MIX
	MNDOT WET DITCH SEED MIX
	ARTIFICIAL TURF, BY OWNER

KEY NOTES

1. ROCK MULCH OVER LANDSCAPE FABRIC
2. POLY LANDSCAPE EDGER, SEE DETAIL 1/L500

NOTES

1. PER CITY OF ROGERS CODE, IRRIGATION IS NOT REQUIRED.

CITY OF ROGERS
LANDSCAPE REQUIREMENTS

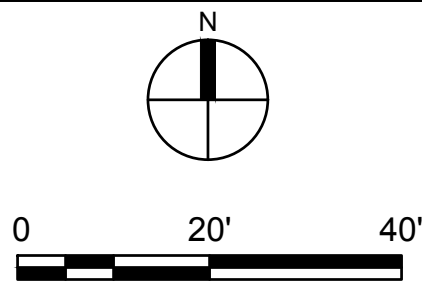
REQUIREMENTS

ALL PROPERTIES WITHIN THE CITY SHALL:

1. BE LANDSCAPED UTILIZING A COMBINATION OF STREET TREES, GRASS, GROUND COVER AND SHRUBBERY.
2. UNDEVELOPED AREAS INTERIOR TO THE SITE SHALL BE SEEDED WITH APPROPRIATE GRASSES AND MAINTAINED NEAT AND ORDERLY TO CONTROL DUST.

PROVIDED

11 PROPOSED TREES
97 PROPOSED SHRUBS & PERENNIALS



ANDERSON

13605 1st Avenue N. #100
Plymouth, MN 55441 | ae-mn.com
P 763.412.4000 | F 763.412.4090
Anderson Engineering of Minnesota, LLC



RAY J'S
AMERICAN
GRILL

HWY 101 & 141ST ST
NORMANDEALE BLVD
ROGERS, MN 55374

TOUSLEY & CO
BUY | SELL | RENOVATE

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PRINT NAME: JOSEPH D. LUCHT, PLA

SIGNATURE: NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 52858

REVISION LOG

NO.	DATE	DESCRIPTION OF REVISIONS
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SITE APPROVAL PLAN

OCTOBER 8TH, 2024

DESIGNED: JRS	DRAWN: JRS	CHECKED BY: JDL
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DRAWING TITLE

LANDSCAPE PLAN

DRAWING NO.

L100

PLOTTED:

COMM. NO.

17991

LANDSCAPE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO BECOME COMPLETELY FAMILIAR WITH SITE CONDITIONS.

ALL ROUGH AND FINISH GRADING TO BE DONE BY OTHERS.

NO PLANTING SHALL BE INSTALLED UNTIL ALL GRADING, BUILDING, CONSTRUCTION, UTILITY WORK & IRRIGATION (IF APPLICABLE) HAS BEEN COMPLETED IN THE AREAS TO BE PLANTED.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UNDERGROUND CABLES, CONDUITS, WIRES, ETC., ON THE PROPERTY.

IF THERE IS A DISCREPANCY BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLAN AND THE NUMBER OF PLANTS SHOWN IN THE PLANT LIST, THE NUMBER OF PLANTS SHOWN ON THE PLAN WILL TAKE PRECEDENCE.

ALL PROPOSED PLANT MATERIAL SHALL BE LOCATED CAREFULLY AS SHOWN ON THE PLAN. IF THE CONTRACTOR BELIEVES AN ERROR HAS BEEN MADE REGARDING SPACING OR LOCATION OF THE PLANT MATERIAL INDICATED ON THE PLAN, NOTIFY THE OWNER PRIOR TO INSTALLATION.

THE CONTRACTOR IS RESPONSIBLE FOR COMPLETE MAINTENANCE OF THE PLANT MATERIAL (WATERING, SPRAYING, FERTILIZING, MOWING, ETC.) UNTIL THE WORK HAS BEEN ACCEPTED, BY THE OWNER.

THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS TO PROPERTY DAMAGE FROM PLANTING OPERATIONS AT NO COST TO THE OWNER.

ALL NEWLY PLANTED PLANT MATERIAL SHALL BE GUARANTEED THROUGH ONE CALENDAR YEAR STARTING FROM THE DATE OF ACCEPTANCE ESTABLISHED BY THE OWNER.

THE CONTRACTOR SHALL MEET WITH THE OWNER OR OWNERS REPRESENTATIVE ON SITE WHEN THEY FEEL THE PROJECT IS COMPLETE ACCORDING TO THE CONTRACT DOCUMENTS. IF ALL WORK IS SATISFACTORY AND COMPLETE ACCORDING TO THE CONDITIONS OF THE CONTRACT DOCUMENTS, THEN THE OWNER MUST DECLARE THE PROJECT COMPLETE. THIS DECLARATION WILL CONSTITUTE AS THE BEGINNING OF THE ONE (1) YEAR WARRANTY PERIOD FOR ALL PLANT MATERIAL. THE OWNER SHALL PROVIDE A LETTER WITH SIGNATURE STATING THE DATE OF ACCEPTANCE.

WIND BURN OR OTHERWISE DAMAGED PLANT MATERIAL WILL NOT BE ACCEPTED.

CONTRACTOR CAN SUBSTITUTE MACHINE MOVED MATERIAL USING APPROPRIATE SIZE TREE SPADE FOR B & B WITH OWNER APPROVAL.

THE PRACTICE OF STAKING SHOULD NOT ALLOW NAILS, SCREWS, WIRES, ETC. TO PENETRATE THE OUTER SURFACE OF THE TREES.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL TREE STAKES, GUYS, STRAPS AND TRUNK PROTECTION MEASURES FOLLOWING THE COMPLETION OF THE WARRANTY PERIOD OR AS DIRECTED BY THE OWNER.

LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE THE OWNER WITH MAINTENANCE INFORMATION DURING THE GUARANTEE PERIOD RELATING TO WATERING, FERTILIZING, PRUNING, PEST CONTROL, AND RELATED ITEMS. THIS WILL BE PREPARED AND DELIVERED TO THE OWNER AFTER PROVISIONAL INSPECTION APPROVAL HAS BEEN GIVEN BY THE OWNER.

INSTALL CORRUGATED PLASTIC TREE GUARDS, WHITE IN COLOR, WITH THE SIZE OF TUBE 1" DIA. (MIN.) LARGER THAN THE CALIPER OF THE TREE TO BE PROTECTED.

CONTRACTOR TO FURNISH & STALL PLASTIC EDGING AS SHOWN ON THE PLANS & DETAILS. PLASTIC EDGING SHALL BE MEDIUM DENSITY POLYETHYLENE WITH U.V. INHIBITOR, BLACK IN COLOR, WITH A TOTAL DEPTH OF 5" (1" DIA. TOP AND 4" SHAFT WITH 1" V).

LANDSCAPE FABRIC (FILTER MAT) TO HAVE A COMBINED WEIGHT OF 4.5-5.5 OZ. PER S.Y. FABRIC SHOULD BE U.V. STABILIZED AND HAVE A FIVE YEAR MINIMUM WEATHERABILITY FACTOR IN FULL SUNLIGHT. FABRIC TO BE PHILLIPS DUON R OR EQUIVALENT. SAMPLE REQUIRED FOR APPROVAL.

3" DEPTH SHREDDED HARDWOOD MULCH SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS THAT ARE ISOLATED FROM GROUND COVER AREAS AND GENERAL SHRUB MASSES.

3" DEPTH 1" TO 1-1/2" WASHED RIVER ROCK SHALL BE INSTALLED OVER LANDSCAPED FABRIC AS INDICATED ON THE PLANS & DETAILS.

CALIPER OF TREES UP TO AND INCLUDING 4" SHALL BE MEASURED AT 6" ABOVE GROUND LEVEL, AND 12" ABOVE GROUND LEVEL FOR LARGER SIZES.

FOR BALLED & BURLAP PLANT MATERIAL, REMOVE THE TOP HALF OF THE BURLAP FROM THE ROOT BALL. WIRE CAGES, STRAPS, ETC. SHALL BE REMOVED FROM THE TOP HALF OF THE ROOTBALL BEFORE INSTALLATION.

ALL CONTAINER MATERIAL SHALL HAVE BEEN GROWN IN CONTAINER FOR A MINIMUM OF 6 MONTHS PRIOR TO INSTALLATION.

SHRUBS AND GROUND COVER SHALL BE PLANTED A MINIMUM OF ONE HALF THEIR ON-CENTER SPACING FROM PAVING EDGE UNLESS OTHERWISE NOTED.

DECIDUOUS SHRUBS SHALL HAVE MINIMUM OF FIVE (5) CANES AT SPECIFIED HEIGHT UNLESS OTHERWISE NOTED IN PLANT SCHEDULE.

ALL PERENNIAL BEDS TO RECEIVE ROCK MULCH SHALL HAVE LANDSCAPE FABRIC INSTALLED WITH HOLES FOR PLANTS CUT 2.5 TIMES THE DIAMETER OF THE CONTAINER.

LANDSCAPE CONTRACTOR SHALL PROVIDE AND INSTALL NURSERY GROWN PLANT MATERIAL CONFORMING TO THE REQUIREMENTS AND RECOMMENDATIONS OF THE LATEST EDITION OF ANSI Z60.1 STANDARDS UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIFICATIONS.

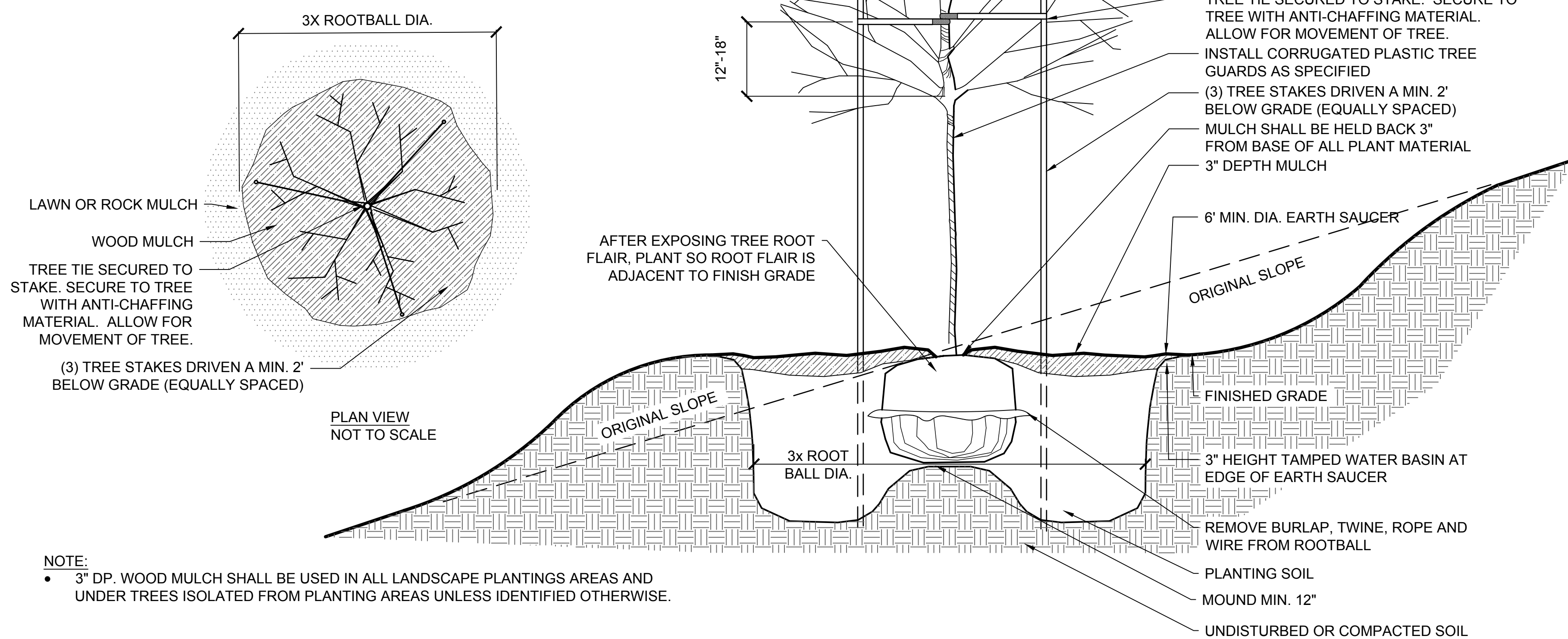
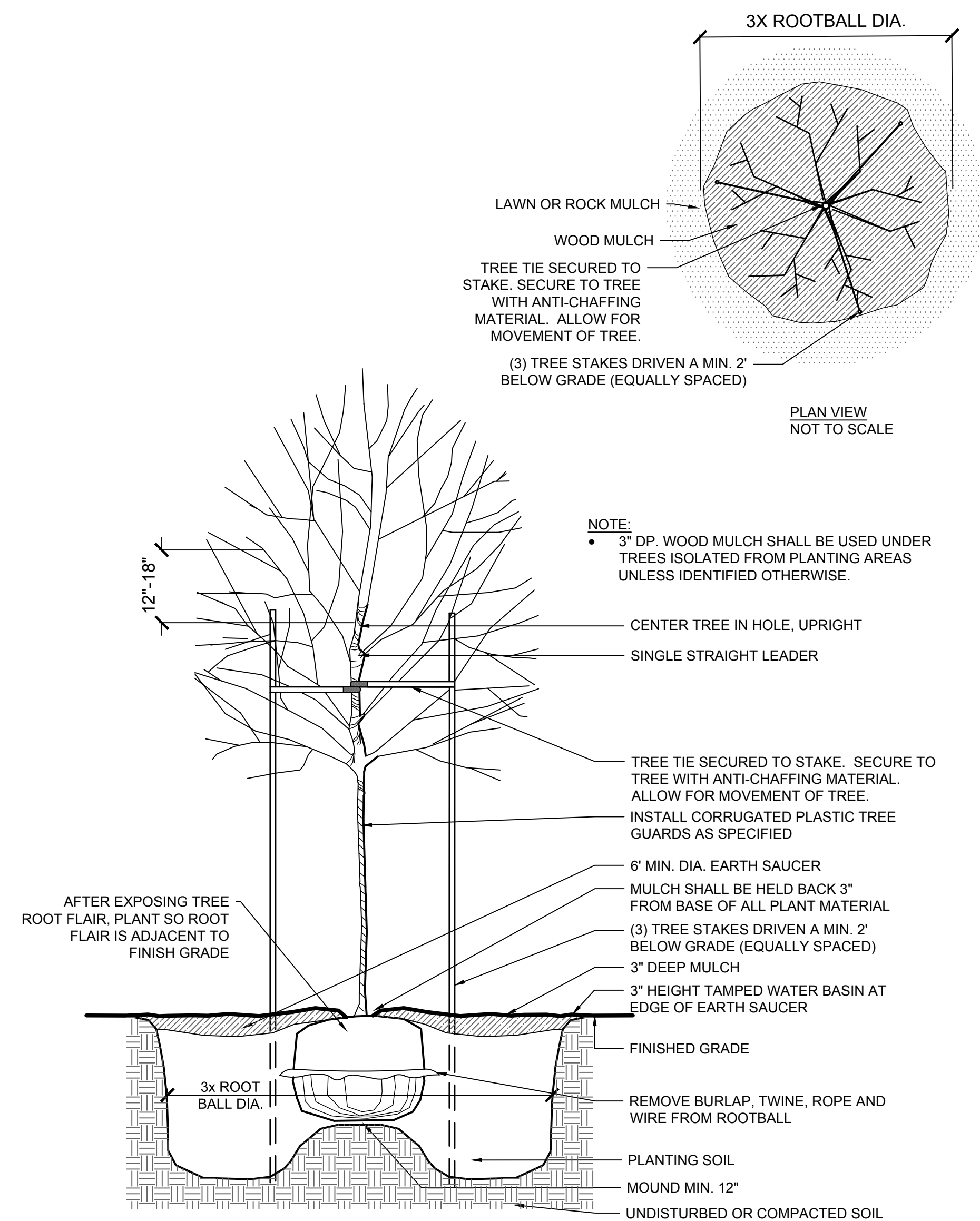
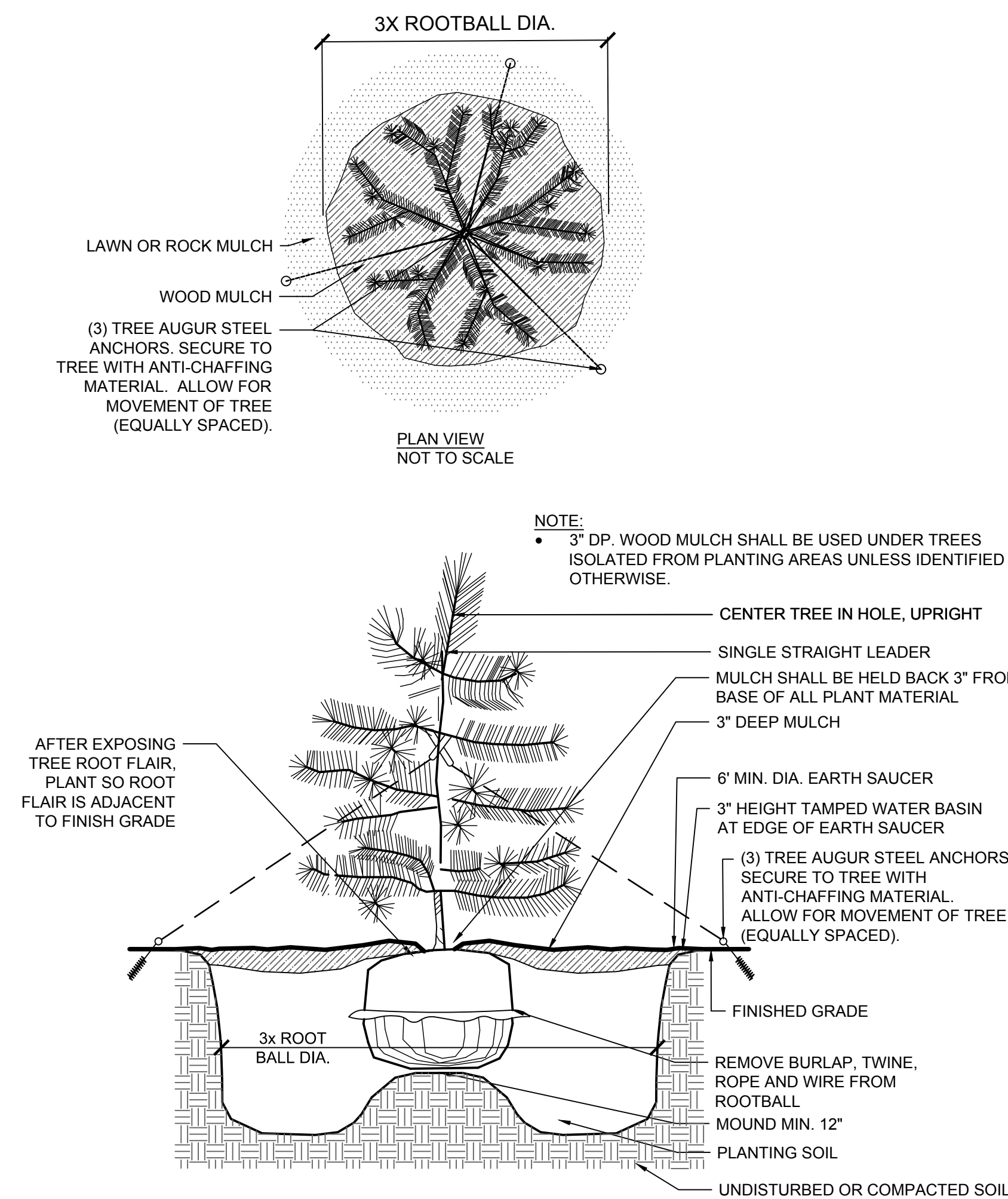
LANDSCAPE CONTRACTOR SHALL ENSURE THAT NEW TREES MOVED ONTO THE SITE ARE DUG FROM SIMILAR SITES WITH SIMILAR SOILS TO THE SOILS OF THIS PROJECT (HEAVY TO HEAVY, LIGHT TO LIGHT. HEAVY TO LIGHT SOILS). CONTRACTOR SHALL REVIEW SOIL CONDITIONS/TYPES WITH OWNER PRIOR TO INSTALLATION.

ALL NEWLY INSTALLED PLANT MATERIAL SHALL BE PLANTED IN WELL-DRAINED AREAS. NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION IF PLANT MATERIAL IS LOCATED IN DRAINAGE SWALES OR WET & POORLY DRAINED AREAS.

ALL PLANTINGS SHALL RECEIVE FERTILIZER AS FOLLOWS:

1. ALL PLANTINGS SHALL RECEIVE AN AMENDED SOIL MIX CONSISTING OF THREE (3) PARTS:
 - 1.1. 45% APPROVED TOPSOIL (ONE SITE PREFERRED)
 - 1.2. 45% ORGANIC MATTER (TYPE 1 SPHAGNUM PEAT MOSS FINELY DIVIDED WITH A PH OF 3.1 - 5.0.)
 - 1.3. 10% SAND (FINE CLEAN MASONRY SAND)
2. AREAS CONFINED TO A MASS PLANTING AREA (PLANTING BED) SHALL RECEIVE THE AMENDED SOIL MIX AT MIN. 12" DEPTH THROUGHOUT THE PLANTING AREA. AMENDED SOIL MIX SHALL BE MIXED THOROUGHLY AND INSTALLED IN 6" LIFTS.
3. AREAS TO RECEIVE SEED SHALL HAVE A 6" MINIMUM DEPTH OF TOPSOIL. TOPSOIL SHALL PROVIDE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY CLUMPS, BRUSH WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, STONE LARGER THAN 1" IN ANY DIMENSION, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
4. ALL AREAS SPECIFIED AS "SOUTHERN BOULEVARD", "MESIC INSLOPE" & "WET DITCH" TO BE SEED PER MNDOT RECOMMENDED BROADCAST SEEDING APPLICATION RATES AND METHODS. "SOUTHERN BOULEVARD", "MESIC INSLOPE" & "WET DITCH" OR APPROVED EQUAL ARE THE BASIS OF DESIGN. CONTRACTOR IS RESPONSIBLE FOR ALL EROSION CONTROL NEEDS TO ESTABLISH VIGOROUS GROWTH PER MNDOT 2024 SEEDING MANUAL STANDARDS.





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PRINT NAME: JOSEPH D. LUCHT, PLA

SIGNATURE: _____ NOT FOR CONSTRUCTION

DATE: 10/08/2024 LICENSE NO. 52858

[illegible]

SITE APPROVAL PLAN
OCTOBER 8TH, 2024

DESIGNED: JRS	DRAWN: JRS	CHECKED BY: JDL
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DRAWING TITLE

LANDSCAPE NOTES
& DETAILS

DRAWING NO.

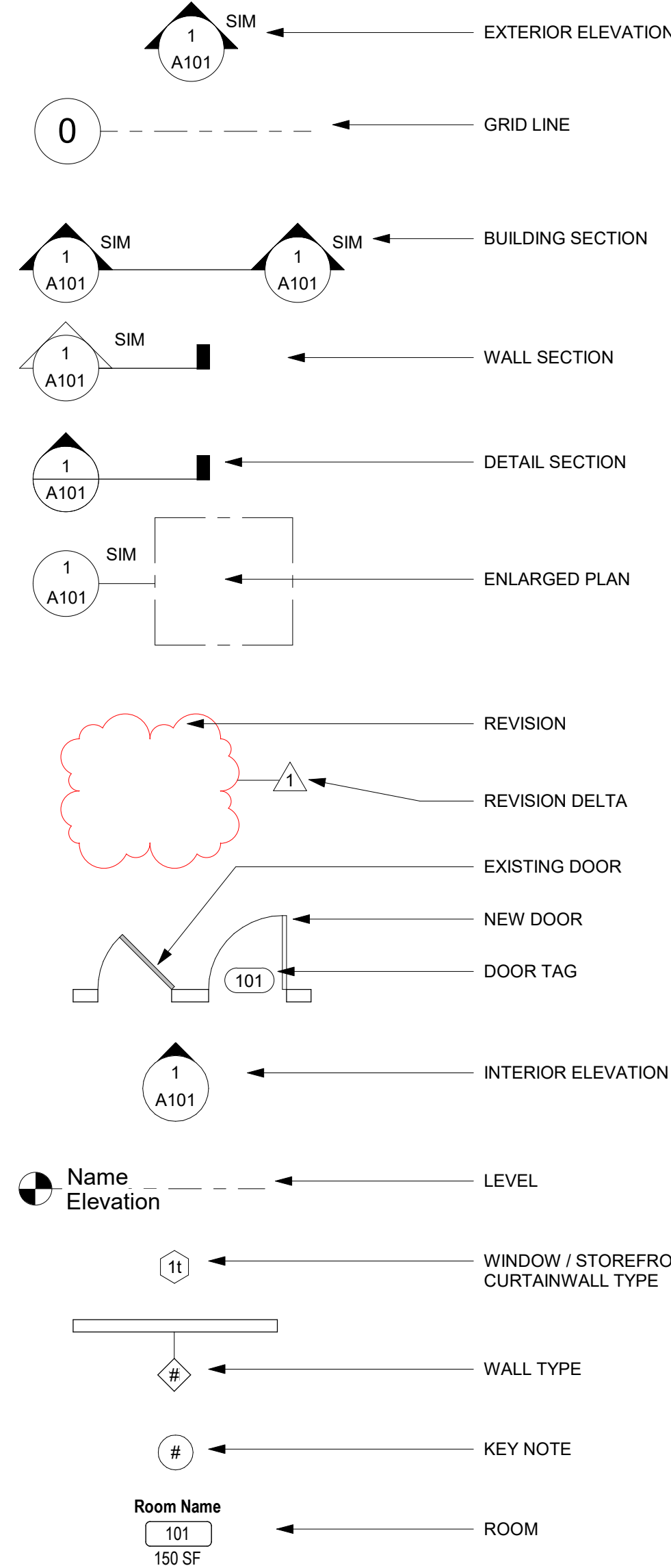
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PLOTTED: ---	COMM. NO. 17991
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ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE	HT	HEIGHT
ADJ	ADJACENT	INSUL	INSULATION
BD	BOARD	MAX	MAXIMUM
BO	BOTTOM OF	MIN	MINIMUM
BM	BEAM	NIC	NOT IN CONTRACT
CL	CENTER LENE	NTS	NOT TO SCALE
CLG	CEILING	SNC	ON CENTER
CMU	CONCRETE MASONRY UNIT	PLY WD	PLYWOOD
COL	COLUMN	PT	PRESSURE TREATED
CONC	CONCRETE	PTD	PAINTED
DIM	DIMENSION	RO	ROUGH OPENING
EQ	EXISTING	TBD	TO BE DETERMINED
EXIST	EXISTING	TYP	TYPICAL
FLR	FLOOR	UNO	UNLESS NOTED OTHERWISE
FO	FACE OF	VIF	VERIFY IN FIELD
FP	FILLER PANEL	W/	WITH
GYP BD	GYP SUM BOARD	WD	WOOD

SYMBOLS



OWNER ACKNOWLEDGEMENT

THIELEN & GREEN REQUIRES APPROVAL OF THE FOLLOWING PERMIT DOCUMENTS PRIOR TO SUBMITTING FOR CITY PLAN REVIEW. PLEASE REVIEW THE PERMIT DOCUMENTS IN FULL AND MAKE NOTE OF ANY ADDITIONAL CHANGES THAT SHOULD BE ADDRESSED. AN AUTHORIZED SIGNATURE BELOW INDICATES THE APPROVAL OF THIS DESIGN AND AUTHORIZES THIELEN & GREEN TO PROCEED WITH THE PERMITTING PROCESS AS OUTLINE IN THE CONTRACT AGREEMENT.

X

CLIENT NAME

DATE

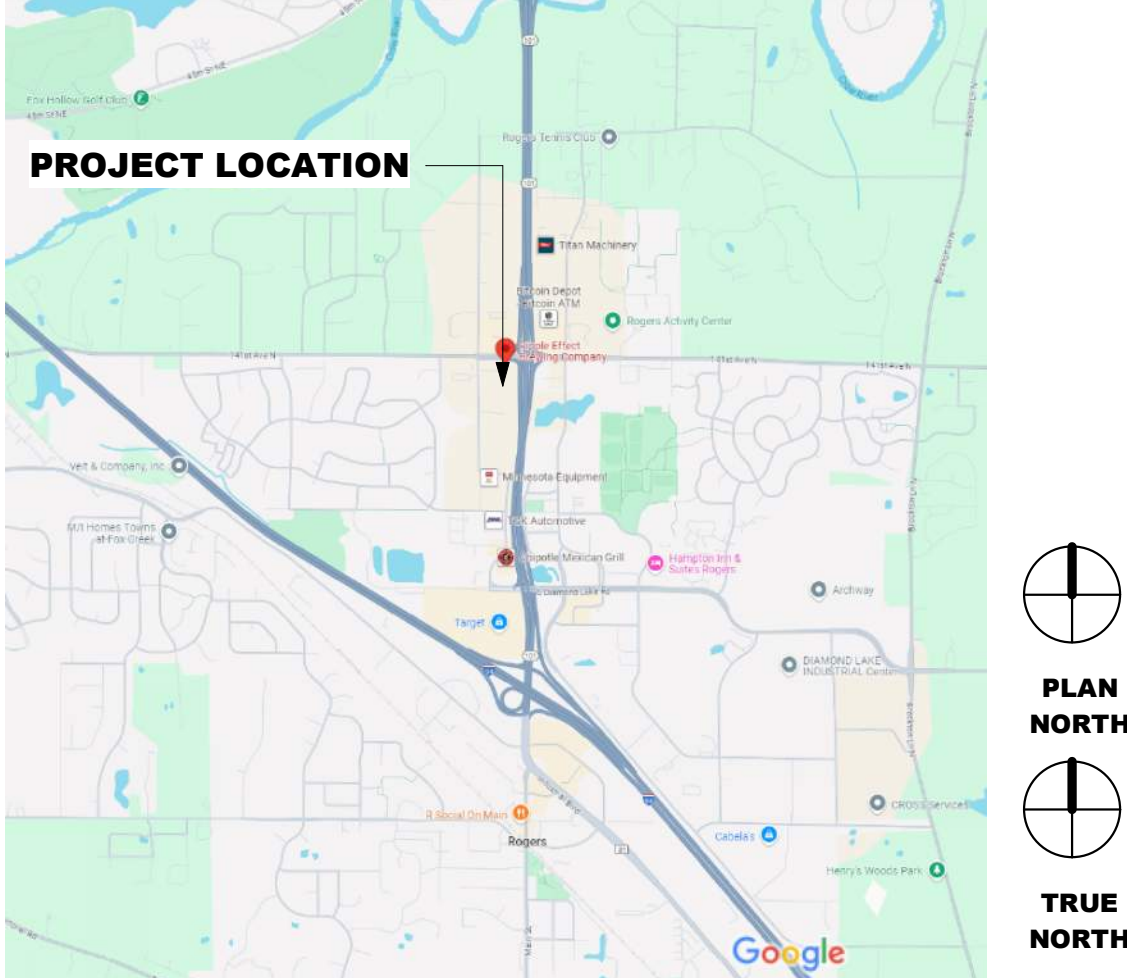
GENERAL FIRE DEPT NOTES

- ALL LIFE SAFETY SYSTEMS SHALL BE DESIGNED PER APPLICABLE FIRE PREVENTION CODE - SEE LIFE SAFETY PLAN
- FIE EXTINGUISHER REQUIREMENTS SHELL BE AS DETERMINED BY FIELD INSPECTION AND NFPA 10. THE CONTRACTOR SHALL SUPPLY ALL FIRE EXTINGUISHERS AND CABINETS AS REQUIRED - SEE LIFE SAFETY PLAN FOR SUGGESTED LOCATION(S)
- BUILDING ADDRESS NUMBERS SHALL BE PROVIDED ON THE FRONT OF THE BUILDING AND SHALL BE VISIBLE / LEGIBLE FROM THE PUBLIC RIGHT-OF-WAY. SAID NUMBERS SHALL CONTRAST VISUALLY WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR
- COMMERCIAL DUMPSTERS OR CONTAINERS WITH A CAPACITY OF ONE-AND-ONE-HALF CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS, OPENINGS, OR ROOF EAVE LINES UNLESS THESE AREAS ARE PROTECTED BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM
- POST "NO PARKING - FIRE LANE" SIGNS ALONG VEHICULAR ACCESS ROADS

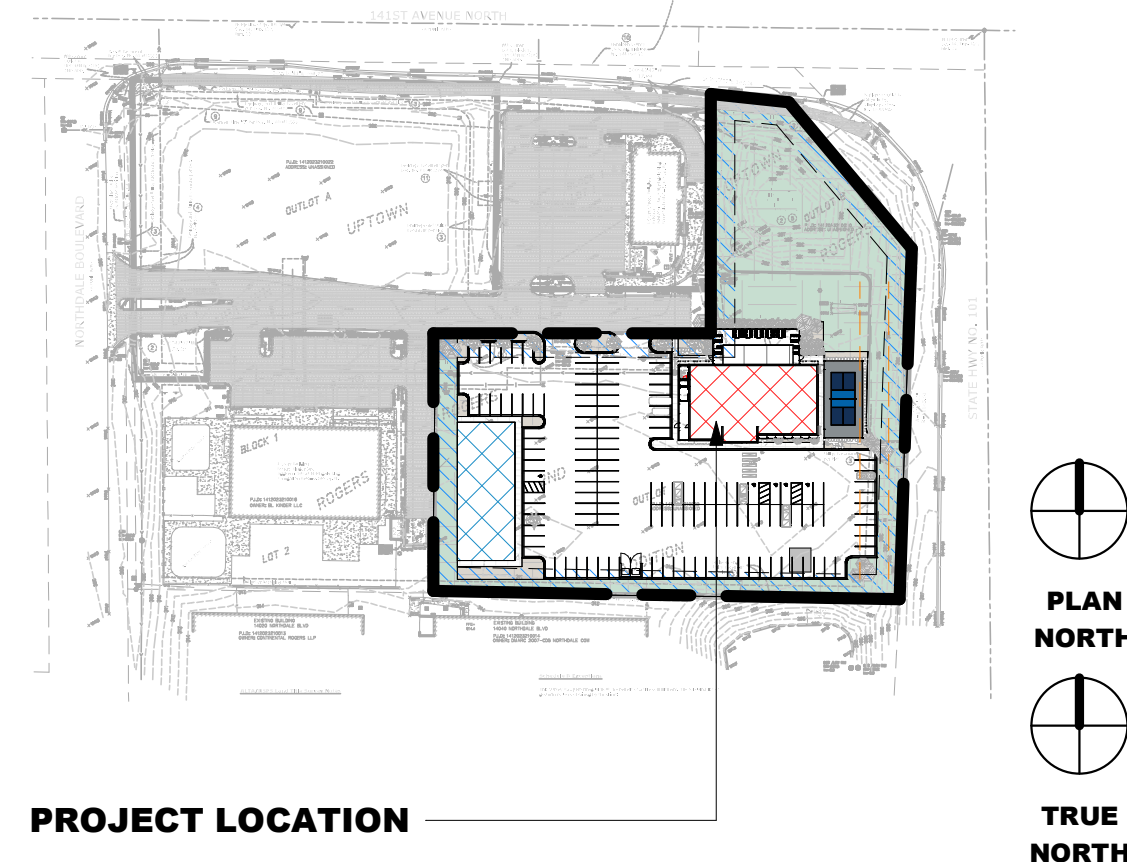
GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THEIR SUB-CONTRACTORS, MATERIAL SUPPLIERS, AND/OR THEIR CONSULTANTS TO REVIEW THE CONTRACT DOCUMENTS IN ITS ENTIRETY.
- ITEMS SHOWN IN ONE LOCATION IN THE DRAWINGS AND/OR INCLUDED IN THE SPECIFICATIONS SHALL BE CONSIDERED PART OF THE WORK AND SHALL APPLY AT SIMILAR LOCATIONS THROUGHOUT THE PROJECT. IN THE EVENT OF INCONSISTENCIES BETWEEN THE DRAWINGS PROVIDED THE GENERAL CONTRACTOR SHALL SEEK CLARIFICATION FROM THE ARCHITECT OF RECORD.
- NO DEVIATIONS FROM THE CONTRACT DOCUMENTS, INCLUDING SPECIFICATIONS, SHALL BE MADE WITHOUT WRITTEN APPROVAL FROM THE OWNER AND/OR ARCHITECT.
- DO NOT SCALE DRAWINGS.
- GENERAL CONTRACTOR AND/OR SUB-CONTRACTORS ARE REQUIRED TO VERIFY ALL CONDITIONS PRIOR TO COMMENCING WORK.**
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONFIRM WITH THE OWNER AND/OR LANDLORD ANY PROJECT REQUIREMENTS PRIOR TO BIDDING WORK INCLUDING: PRE-APPROVED SUBCONTRACTORS, MATERIALS, CONSTRUCTION REQUIREMENTS, ETC.
- THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING ANY DISCREPANCIES, ERRORS AND/OR OMISSIONS PRIOR TO STARTING THAT PORTION OF WORK IN A TIMELY MATTER TO ALLOW REVIEW BY AOR AND OWNER FOR RESPONSE. NO WORK IS TO OCCUR IN AREA OF CONFLICT UNTIL WRITTEN RESPONSE AND APPROVAL IS ACHIEVED BY ALL PARTIES (OWNER, ARCHITECT, GENERAL CONTRACTOR).
- THE GENERAL CONTRACTOR IS TO NOTIFY ARCHITECT AND OWNER IMMEDIATELY ANY HAZARDOUS SUBSTANCES ENCOUNTERED IN THE FIELD.
- ALL WORK SHALL BE PERFORMED BY APPROPRIATE SKILLED PERSONALE AND MATERIALS USED SHALL BE OF FIRST QUALITY.
- THE GENERAL CONTRACTOR IS RESPONSIBLE TO PROTECT THE EXISTING STRUCTURE, FINISHES, LANDSCAPING, MEP SYSTEMS UNLESS REQUIRED TO REMOVE OR REPLACE AS SPECIFIED IN THE CONSTRUCTION DOCUMENTS
- WATER RESISTANT GYP. BD. SHALL BE USED AT ALL WET LOCATIONS
- ALL EXISTING WALLS AND/OR FENESTRATION ARE TO REMAIN U.N.O.
- IF REQUIRED, THE GENERAL CONTRACTOR SHALL PREPARE FIRE SPRINKLER DESIGN DRAWINGS. SUBMIT AND RECEIVE APPROVAL PRIOR TO INSTALLATION AS REQUIRED WITH THE LOCAL AGENCIES HAVING JURISDICTION ON THIS PROJECT. THE AUTOMATIC SPRINKLER SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH THE CODES LISTED BELOW AND LOCAL AMENDMENTS. A SEPARATE PERMIT BY DESIGN BUILD ENGINEERING COORDINATED BY THE GENERAL CONTRACTOR IS REQUIRED TO BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL.
- THE GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BLOCKING AS DIRECTED BY THE MANUFACTURER FOR ALL WALL MOUNTED EQUIPMENT OR DEVICES, AND SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR ALL ITEMS NOTED AS "BY OWNER" OR "BY OTHERS".
- DRAWINGS WERE PREPARED USING PRODUCT SPECIFIC CONFIGURATION INFORMATION. ACTUAL DIMENSIONS AND DETAILS OF SELECTED MATERIALS MAY CHANGE BEFORE INCORPORATION INTO THE WORK. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ACCOMMODATING ANY CHANGES TO OTHER MATERIALS THAT ARE NECESSARY BECAUSE OF THESE DIFFERENCES.
- TYPICAL AND PROJECT SPECIFIC DETAILS ARE INCLUDED IN THE DRAWINGS, WHERE DETAILS OR DESIGN INTENT CANNOT BE DETERMINED SEEK CLARIFICATION PRIOR TO COMMENCING WORK
- ALL WORK SHALL CONFORM TO LAWS, REGULATIONS, CODES AND ORDINANCES OF FEDERAL, STATE, COUNTY, CITY OR ANY OTHER JURISDICTION AS EACH MAY APPLY. IN THE EVENT OF ANY CONFLICT BETWEEN ANY OF THE PROJECT REQUIREMENTS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN
- EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHERS LOCATIONS AND STANDPIPE CONNECTIONS, AS APPLICABLE, SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL
- ALL EXIT DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT
- REFER TO INDIVIDUAL SHEETS FOR OTHER GENERAL NOTES SPECIFIC TO THAT SECTION

LOCATION MAP



KEY PLAN



DEFERRED SUBMITTALS

- THE FOLLOWING ITEMS WILL BE SUBMITTED AS DEFERRED SUBMITTALS BY THE APPROPRIATE INSTALLING SUBCONTRACTOR OR VENDOR. FOR EACH DEFERRED SUBMITTAL ITEM, THE SUBCONTRACTOR OR VENDOR SHALL FIRST SUBMIT SIGNED AND SEALED ENGINEERED DRAWINGS AND CALCULATIONS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO SUBMITTAL TO THE BUILDING OFFICIAL OR FIRE MARSHAL. ARCHITECT'S REVIEW WILL BE FOR GENERAL CONFORMANCE WITH THE BUILDING DESIGN ONLY. SUBCONTRACTOR OR VENDOR SHALL BE RESPONSIBLE FOR DETERMINING SUBMITTAL REQUIREMENTS AND PAYMENT OF ALL FEES FOR SUBMITTALS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE TIMING OF SUBMITTALS SO AS TO NOT INTERFERE WITH OVERALL CONSTRUCTION SCHEDULE. ALLOWING TIME FOR APPROPRIATE REVIEWS FOR ARCHITECT AND BUILDING OFFICIAL OR FIRE MARSHAL. NO DELAYS OR TIME EXTENSIONS WILL BE ALLOWED FOR FAILURE TO ALLOW APPROPRIATE TIME FOR REVIEW.
- FIRE SPRINKLER SYSTEMS
 - FIRE ALARM SYSTEMS (IF REQUIRED)
 - MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEERING
 - IT, LOW-VOLTAGE, AV, DATA, SECURITY
 - SIGNAGE (INTERIOR AND/OR EXTERIOR)
 - FIXTURES, FURNITURE AND EQUIPMENT

NOTES TO BIDDERS

- AS REQUIRED BY CHAPTER 1341.0030 IIBC SECTION 305, ACCESSIBILITY FOR EXISTING BUILDINGS, SECTION 305.7 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION, PROVIDE SEPARATE LINE ITEMS FOR THE SCOPE OF WORK PERTAINING TO THE FOLLOWING IMPROVEMENTS TO THE ACCESSIBLE ROUTE:
- PARKING FACILITIES
 - ACCESSIBLE ENTRANCES
 - ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA
 - TOILET FACILITIES
 - DRINKING FOUNTAINS
- THE FOLLOWING ITEMS ARE TO BE LISTED IN THE BID AS SEPARATE LINE ITEM, ADD OR DEDUCT ALTERNATES, REFER TO THE FOLLOWING PLANS FOR ADDITIONAL AND/OR COMPLETE INFORMATION:
- N/A

SHEET LIST

NUMBER	SHEET NAME	REVISION
ARCHITECTURE		
A000	COVER SHEET	
A001	CODE PLAN	
A050	ARCHITECTURAL SITE PLAN	
A051	ARCHITECTURAL SITE DETAILS	
A580	EXTERIOR ELEVATIONS	
CIVIL		
C100	COVER SHEET	
C200	EXISTING CONDITIONS	
C201	DEMOLITION PLAN	
C300	SITE PLAN	
C400	GRADING & DRAINAGE PLAN	
C401	EROSION & SEDIMENT CONTROL PLAN	
C402	SWPPP- PG1	
C403	SWPPP- PG2	
C500	UTILITY PLAN	
C600	SITE DETAILS - PG 1	
C601	SITE DETAILS - PG 2	
L1	PLANTING PLAN	
L2	PLANTING NOTES & DETAILS	



RAY J'S AMERICAN GRILL

HWY 101 & 141ST ST
NORMANDALE BLVD
ROGERS, MN 55374

PROJECT DESCRIPTION

*REFER TO SHEET A001 FOR MORE EXTENSIVE CODE REVIEW

PROJECT NAME:	RAY J'S AMERICAN GRILL	PROPOSED USE:	"A-2" (RESTAURANT)
ADDRESS:	HWY 101 & 141ST ST NORMANDALE BLVD ROGERS, MN 55374	BUILDING HEIGHT:	1 STORY
PID(S):	HENNEPIN COUNTY: 1412023210022, 1412023210020	BUILDING AREA:	6,414 GFA
PROJECT DESCRIPTION:	NEW SINGLE-STORY, SLAB-ON-GRADE, FREESTANDING, "A-2" ASSEMBLY OCCUPANCY FULL-SERVICE RESTAURANT WITH INDOOR AND OUTDOOR DINING. SCOPE OF WORK INCLUDES AN INDOOR GOLF SIMULATOR, PRIVATE DINING ROOM, INDOOR/ OUTDOOR BAR, OUTDOOR PATIO AND SEASONAL PICKLEBALL COURT.		
FIRE PROTECTION:	FULL BUILDING SPRINKLER		

PROJECT TEAM

CLIENT NAME: RAY J'S AMERICAN GRILL ADDRESS: 9854 NORMA LN WOODBURY, MN 55125 CONTACT: PAUL JACOB EMAIL: PAULJACOB@RAY-JS.COM PHONE: 651-714-2035	GENERAL CONTRACTOR TBD
ARCHITECT THIELEN & GREEN 7455 VILLAGE DRIVE, SUITE #110 LINO LAKES, MINNESOTA 55014 CONTACT: KEVIN GREEN - SENIOR PROJECT MANAGER EMAIL: KPG@TANDGARCH.COM PHONE: 763-553-7927	MECHANICAL/ELECTRICAL/PLUMBING THIS PROJECT IS BEING DELIVERED AS DESIGN BUILD MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE SUPPRESSION BY THE GENERAL CONTRACTOR UNDER A SEPARATE SUBMITTAL(S)
KITCHEN EQUIPMENT CONSULTANT I'S RESTAURANT DESIGN EQUIPMENT & SUPPLY 6209 HEATHER PLACE MINNEAPOLIS, MN 55432 CONTACT: KEVIN LAMERE EMAIL: KEVINL@ISDAKOTA.COM PHONE: 612-508-1426	
STRUCTURAL ENGINEER INNOVATIVE STRUCTURAL SOLUTIONS 5279 KYLER AVE NE ALBERTVILLE, MN 55301 CONTACT: MICHAEL VAN DE RIET, P.E. EMAIL: MVANDERDIET@ISSENG.COM PHONE: 763-587-3214	
CIVIL ENGINEER ANDERSON ENGINEERING 13605 1ST AVE N #100 PLYMOUTH, MN 55441 CONTACT: BRIAN FIELD EMAIL: BFIELD@AE-MN.COM PHONE: 763-412-4035	

CITY STAMP AREA

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RAY J'S AMERICAN GRILL

GRILL

HWY 101 & 141ST ST
NORMANDALE BLVD
ROGERS, MN 55374
PID 1412023210022

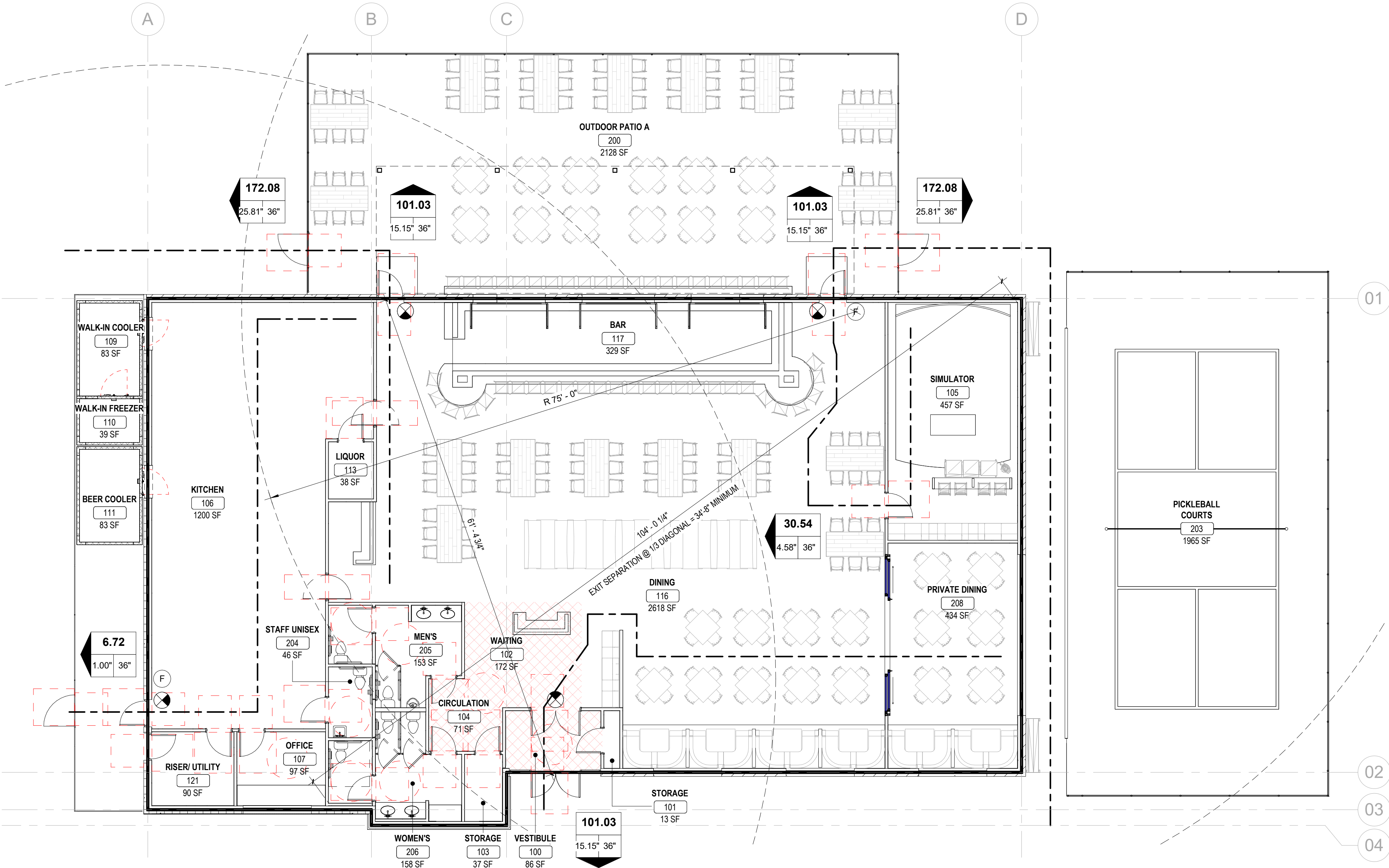
ISSUE	DATE
CONCEPTUAL DESIGN	7/15/2024
LAND USE APPLICATION	10/04/2024

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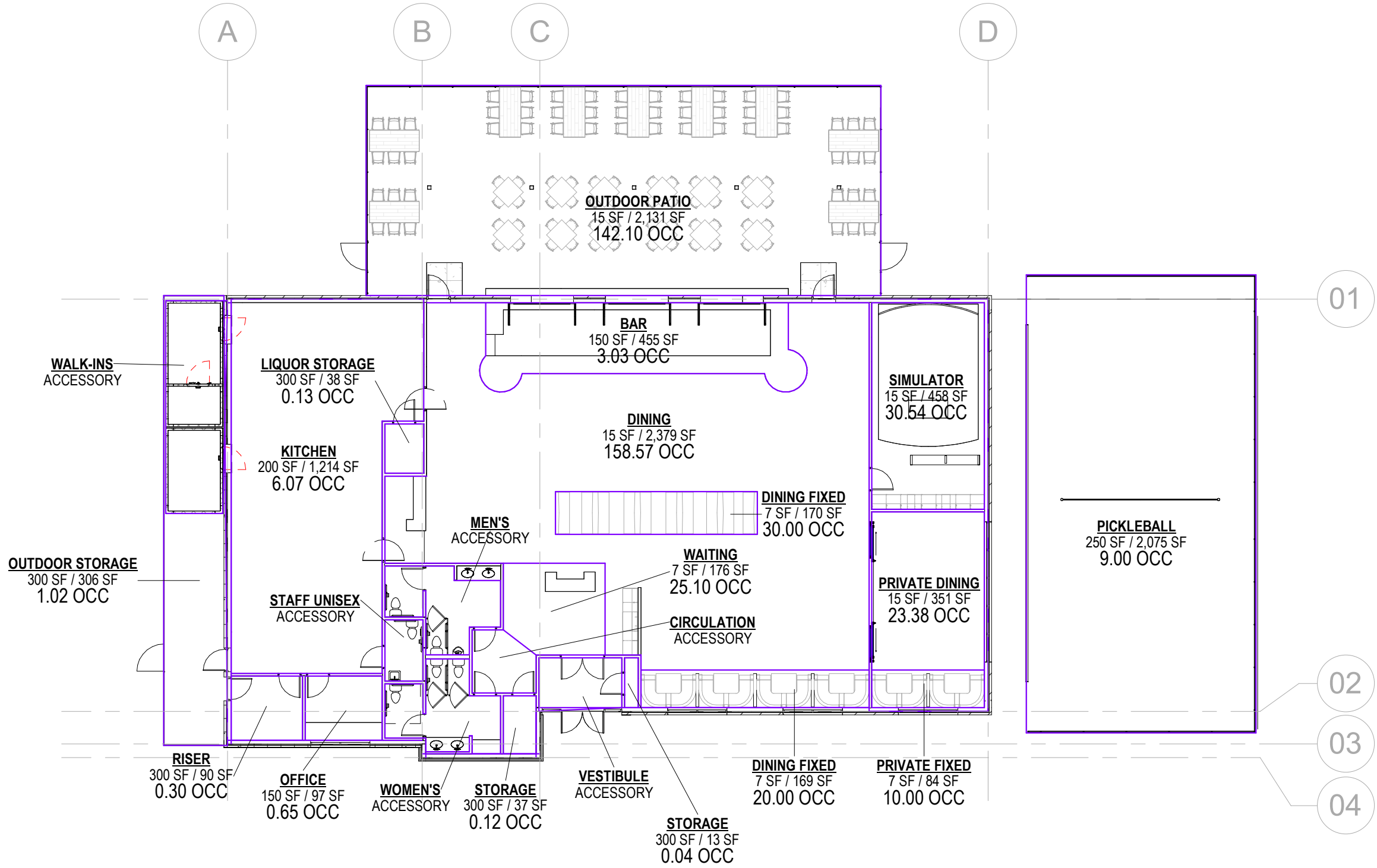
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REVISION SCHEDULE		
NO.	DESCRIPTION	DATE

COVER SHEET	
Project Number	392_2024
Date	10-04-2024
Drawn By	KPG
Checked By	KMT
A000	
Scale	As indicated



① LIFE SAFETY PLAN
1/8" = 1'-0"



② AREA PLAN
1/16" = 1'-0"

CODE INFORMATION

APPLICABLE CODES

BUILDING CODE: 2020 MINNESOTA STATE BUILDING CODE
ENERGY CODE: 2024 MINNESOTA ENERGY CODE
ACCESSIBILITY: 2020 MINNESOTA ACCESSIBILITY CODE
MECHANICAL: 2020 MECHANICAL AND FUEL GAS CODE
PLUMBING: 2020 MINNESOTA PLUMBING CODE
FIRE: 2020 MINNESOTA FIRE CODE
ELECTRICAL: 2023 NATIONAL ELECTRICAL CODE

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION

PROPOSED OCCUPANCY: "A-2" (RESTAURANT)

CHAPTER 5: BUILDING HEIGHTS AND AREAS

PROJECT AREA: 6,414 GFA
CONSTRUCTION TYPE: V-B
BUILDING SPRINKLED: YES
504.3 ALLOWABLE BUILDING HEIGHT: 60'-0"
504.4 ALLOWABLE STORIES: 2 STORIES
506.2 ALLOWABLE AREA: 24,000 SF ALLOWABLE

CHAPTER 6: TYPES OF CONSTRUCTION

EXISTING BUILDING CONSTRUCTION TYPE: V-B
PRIMARY STRUCTURAL FRAME: 0
EXTERIOR BEARING WALLS: 0
INTERIOR BEARING WALLS: 0
NONBEARING EXTERIOR WALLS AND PARTITIONS: 0 (10' < X < 30)
NONBEARING INTERIOR WALLS AND PARTITIONS: 0
FLOOR CONSTRUCTION: 0
ROOF CONSTRUCTION: 0

CHAPTER 8: INTERIOR FINISHES

OCCUPANCY GROUP: "A-2" (RESTAURANT)
SPRINKLED: YES

803.13 INTERIOR EXIT STAIRWAYS AND
RAMPS AND EXIT PASSAGeways: B
CORRIDORS AND EXIT ENCLOSURE
FOR EXIT ACCESS STAIRWAYS: B
ROOMS AND ENCLOSED SPACES: C

CHAPTER 10: MEANS OF EGRESS

1004 FUNCTION OF SPACE: INDOOR
ROOM # ROOM NAME LOAD FACTOR AREA OCCUPANT LOAD

INDOOR				
100	VESTIBULE	0 SF	84 SF	
101	STORAGE	300 SF	13 SF	0.04
102	WAITING	7 SF	176 SF	25.10
103	STORAGE	300 SF	37 SF	0.12
104	CIRCULATION	0 SF	71 SF	
105	SIMULATOR	15 SF	458 SF	30.54
106	KITCHEN	200 SF	1,214 SF	6.07
107	OFFICE	150 SF	97 SF	0.65
109	WALK-INS	200 SF	245 SF	1.23
112	STAFF UNISEX	46 SF		
113	LIQUOR STORAGE	300 SF	38 SF	0.13
114	MEN'S	0 SF	140 SF	
115	WOMEN'S		156 SF	
116	DINING	15 SF	2,379 SF	158.57
116	DINING FIXED	7 SF	170 SF	30.00
116	DINING FIXED	7 SF	169 SF	20.00
117	BAR	150 SF	455 SF	3.03
118	PRIVATE DINING	15 SF	351 SF	23.38
118	PRIVATE FIXED	7 SF	84 SF	10.00
121	RISER	300 SF	90 SF	0.30
				309.16

OUTDOOR			
200	OUTDOOR PATIO	15 SF	2,131 SF
201	OUTDOOR STORAGE	300 SF	306 SF
202	PICKLEBALL	250 SF	2,075 SF
			152.12
TOTAL OCCUPANT LOAD			461.28

1006.2 NUMBER OF EXITS: 2 REQUIRED; 3 PROVIDED
1006.2.1 COMMON PATH OF EGRESS TRAVEL: <75'-0" REQUIRED; >25'-0"
1017.2 EXIT ACCESS TRAVEL DISTANCE: <250'-0" REQUIRED; 91'-5"
1020.1 CORRIDORS CONSTRUCTION: 0-HOUR RATED WITH SPRINKLER SYSTEM

CHAPTER 29: PLUMBING SYSTEMS

2902.01 MINIMUM NUMBER OF FIXTURES
GROUP "A-2" (RESTAURANT):
REQUIRED: 6.14 WC, 2.30 LAV
1. (461.72 / 2) = 230.85 / 75 = 3.07
WC: 1 PER 75 PER SEX
LAV: 1 PER 200 PER SEX
1. (461.72 / 2) = 230.85 / 200 = 1.15
SERVICE SINK: 1
PROVIDED: 7.00 WC, 4.00 LAV

LIFE SAFETY PLAN NOTES

- REFER TO DOOR SCHEDULE FOR ADDITIONAL ACCESSIBILITY AND/OR EGRESS REQUIREMENTS
- CONTINUATION OF ACCESSIBLE AND EGRESS ROUTE OF TRAVEL BEYOND THE AREA OF WORK BY OTHERS
- EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS (AS APPLICABLE) SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL(S)
- ALL EXIT DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT

CODE PLAN LEGEND

EGRESS ROUTE

OCCUPANTS

EXIT WIDTH PROV.

EXIT WIDTH REQ.

FIRE EXTINGUISHER LOCATION - FINAL LOCATION BY G.C. (MAX SEPARATION TRAVEL DISTANCE 75'-0")

CEILING MOUNTED EXIT LIGHT - REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION

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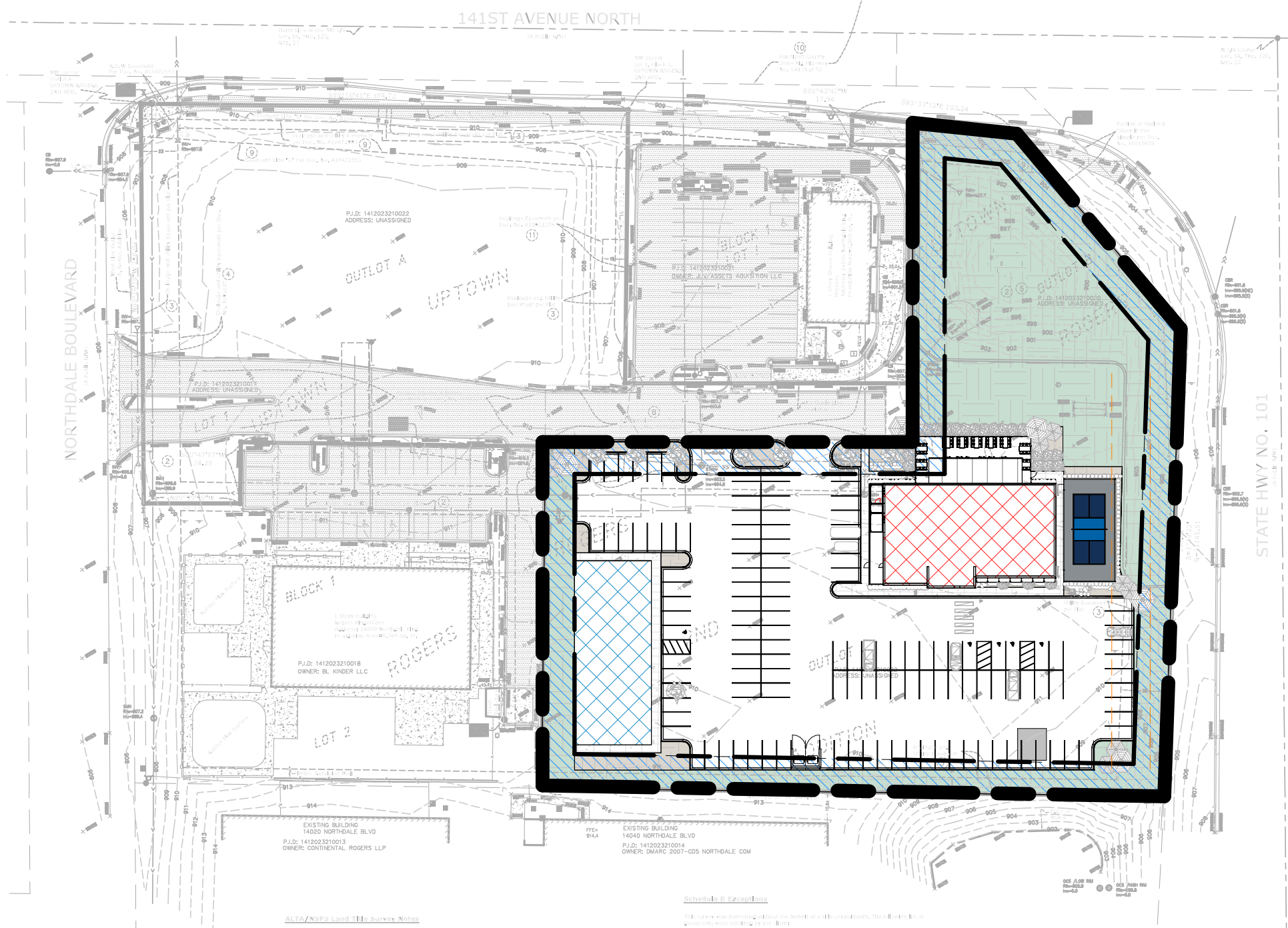
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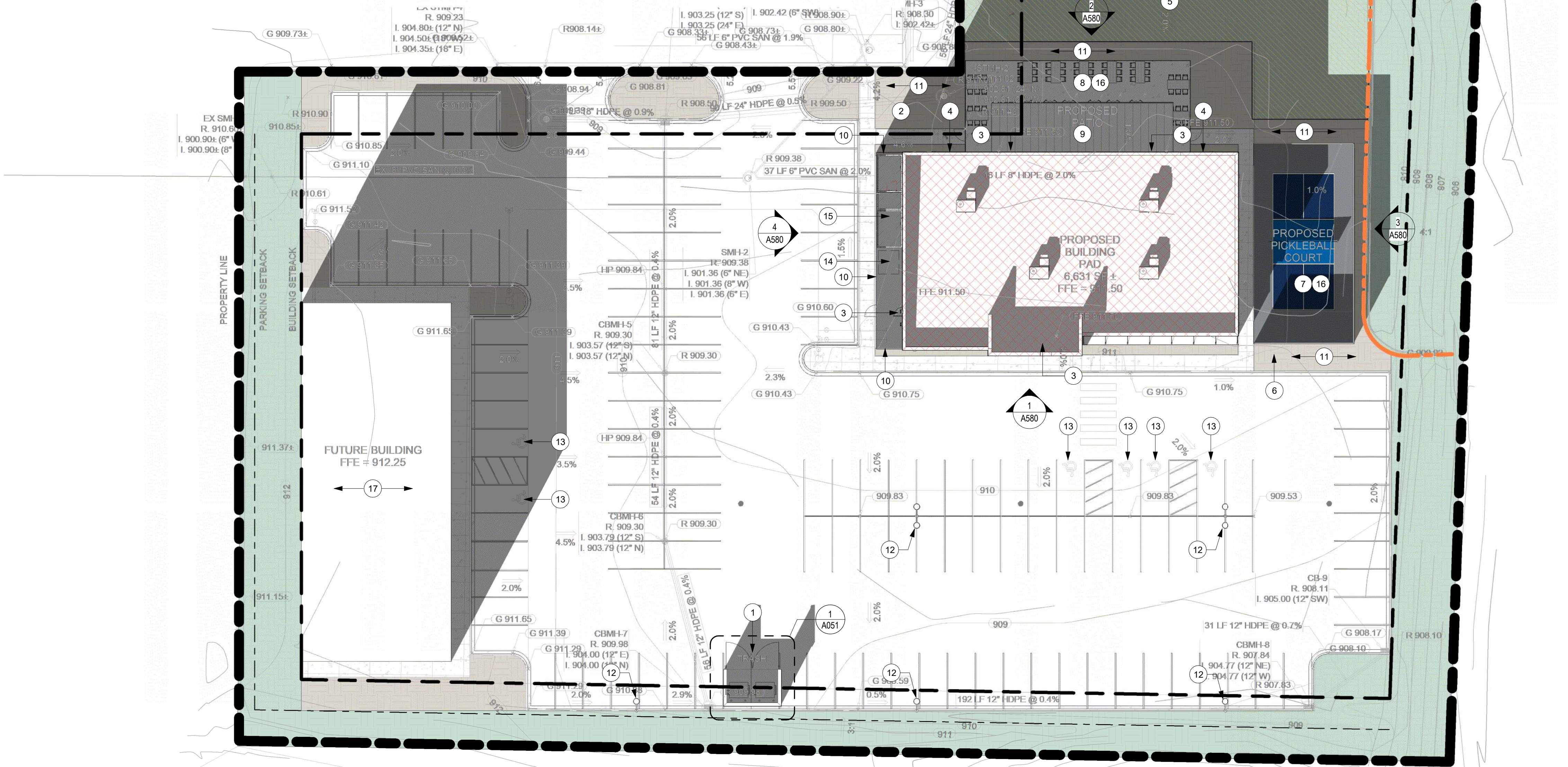
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REVISION SCHEDULE		
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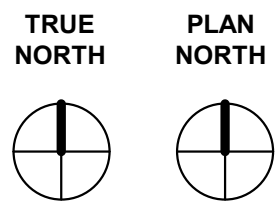
CODE PLAN	
Project Number	392_2024
Date	10-04-2024
Drawn By	KPG
Checked By	KMT
A001	
Scale	As indicated



1 SITE KEY PLAN
1" = 80'-0"



2 ARCHITECTURAL SITE PLAN
3/64" = 1'-0"



GENERAL SITE PLAN NOTES

1. ARCHITECTURAL SITE PLAN IS FOR REFERENCE ONLY - SEE CIVIL DRAWINGS FOR EXTENTS OF SITE DESIGN
2. REFER TO ENLARGED PLANS FOR SPECIFIC AREA PLAN KEYNOTES NOT SHOWN ON OVERALL PLAN
3. ALL GROUND MOUNTED EQUIPMENT SHALL BE SCREENED FROM PUBLIC VIEW - TYPICAL
4. ALL SIGNAGE SHOWN FOR REFERENCE ONLY - PROVIDED BY OTHERS UNDER A DEFERRED SUBMITTAL
5. ALL EXTERIOR LIGHTING SHOWN FOR REFERENCE ONLY - REFER TO DESIGN-BUILD ELECTRICAL DRAWINGS FOR ADD. INFO. - REFER TO EXTERIOR ELEVATIONS FOR BUILDING MOUNTED FIXTURES - COORDINATE FINAL LOCATIONS WITH OWNER IN FIELD PRIOR TO INSTALLATION - SEE PHOTOMETRICS PLAN FOR ALL LIGHT LEVELS
6. GC TO VERIFY THAT ALL ENTRANCE LANDINGS ARE FLUSH WITH FINISHED FLOOR AND PATCH/ REPAIR AS REQUIRED
7. GC TO VERIFY THAT ALL PAVED SURFACES ADJACENT TO THE BUILDING SLOPE AWAY TO PROVIDE POSITIVE DRAINAGE
8. REFER TO CIVIL DRAWINGS FOR SURMOUNTABLE CURB LOCATIONS
9. REFER TO CIVIL DRAWINGS AND DESIGN-BUILD MEP PLANS FOR GREASE INTERCEPTOR LOCATION, SIZING, ETC.

SITE PLAN KEYNOTES

1. NEW TRASH ENCLOSURE - SEE ENLARGED PLAN/ ELEVATIONS FOR DETAIL - FINISHES TO MATCH BUILDING
2. APPROXIMATE LOCATION OF NEW TRANSFORMER PAD - SEE CIVIL DRAWINGS AND DESIGN-BUILD ELECTRICAL DRAWINGS FOR ADD INFO/ EXACT PLACEMENT
3. BUILDING STOOP/ APRON LOCATION - REFER TO STRUCTURAL/ CIVIL TYP STOOP DETAIL/ PLANS FOR ADD INFO - SLOPE AWAY FROM BUILDING AT MAX 2% - MAINTAIN ADA REQUIREMENTS PER 2020 MAC
4. DOWNSPOUT LOCATION - REFER TO EXTERIOR ELEVATIONS AND CIVIL DRAWINGS FOR ADD INFO
5. FUTURE OUTDOOR GATHERING SPACE/ PATIO/ TURF AREA/ PICKLEBALL COURTS/ EVENT AREA - REFER TO CIVIL DRAWINGS
6. LOCATION OF NEW BIKE RACK(S) AND/ OR WAITING BENCHES - REFER TO CIVIL DRAWINGS
7. NEW PICKLEBALL COURTS WITH PERIMETER FENCING - FENCING TO BE 8'-0" MIN AT NORTH, EAST AND SOUTH SIDES AND 4'-0" AT WEST SIDE - PROVIDE VINYL CAPS TO MATCH BUILDING
8. OUTDOOR PATIO WITH PERIMETER RAILING - SEE SITE DETAILS FOR ADD INFO
9. COVERED PATIO - SEE EXTERIOR ELEVATIONS, RCP AND ROOF PLAN FOR ADD INFO
10. PROVIDE MATCHING WD-1 SCREENING AROUND WALK-IN COOLER AND OUTDOOR STORAGE AREA - REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS/ ADD INFO
11. REFER TO CIVIL PLANS FOR ALL LANDSCAPING AND PATHWAY LIGHTING
12. NEW PARKING LOT LIGHT - REFER TO CIVIL AND PHOTOMETRIC PLANS FOR ADD INFO/ EXACT PLACEMENT, SPECIFICATION, HEIGHTS, ETC. - SHOWN FOR REFERENCE ONLY
13. ACCESSIBLE PARKING STALL - REFER TO CIVIL DRAWINGS FOR ADD INFO - SHOWN FOR REFERENCE ONLY
14. APPROXIMATE LOCATION OF GREASE INTERCEPTOR - REFER TO CIVIL PLANS AND DESIGN-BUILD PLUMBING DRAWINGS FOR ADD INFO/ EXACT LOCATION - SHOWN FOR REFERENCE ONLY
15. LOCATION OF OUTDOOR WALK-IN COOLER - REFER TO KITCHEN EQUIPMENT AND STRUCTURAL DRAWINGS FOR ADD INFO
16. REFER TO STRUCTURAL DRAWINGS FOR ALL CONTROL JOINT/ EXPANSION JOINT LOCATIONS IN OUTDOOR SLABS - COORDINATE WITH ARCH PRIOR TO INSTALL
17. FUTURE RETAIL BUILDING - SHOWN FOR REFERENCE ONLY - REFER TO CIVIL DRAWINGS

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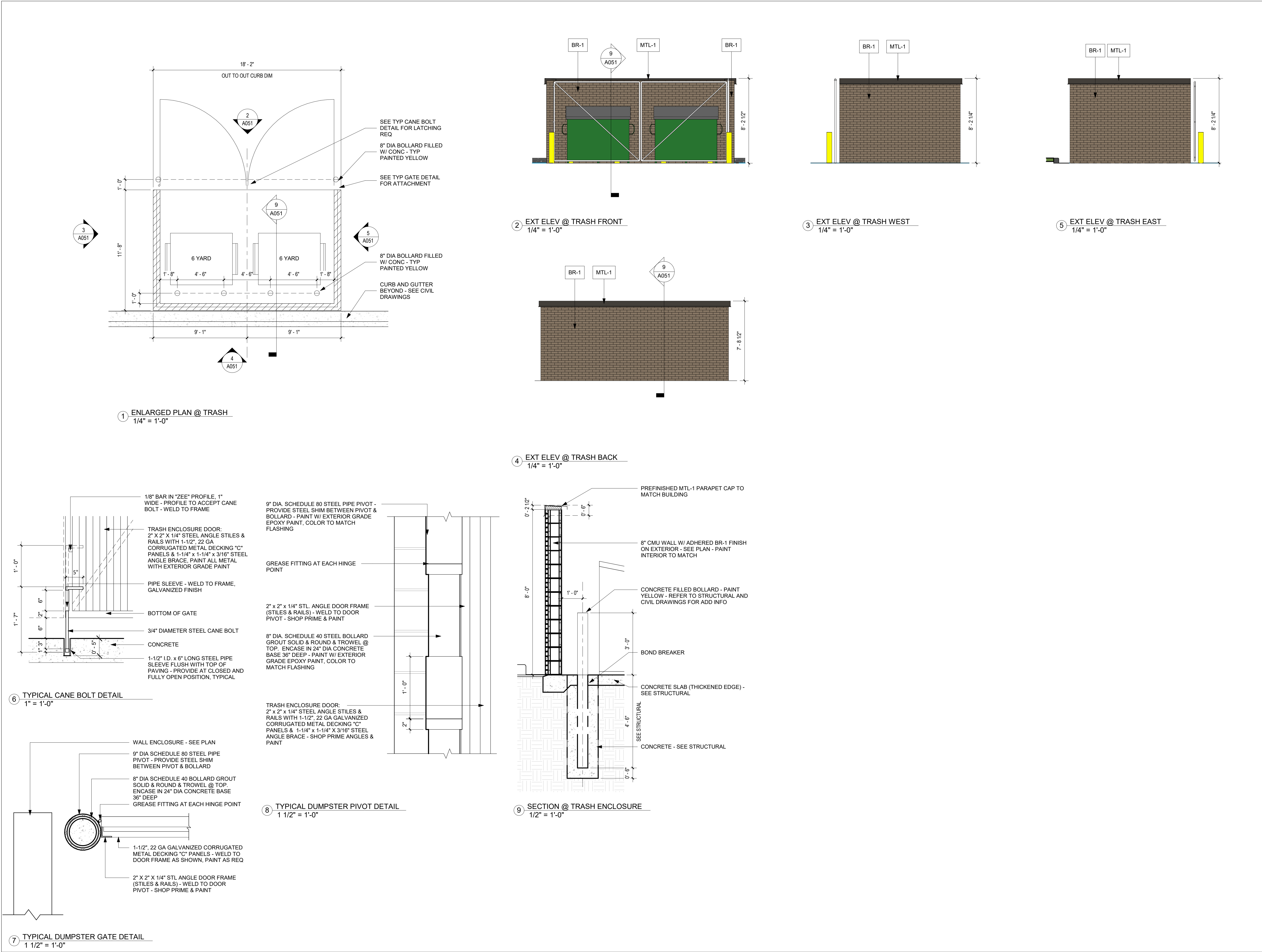
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE

ARCHITECTURAL SITE PLAN

Project Number	392_2024
Date	10-04-2024
Drawn By	KPG
Checked By	KMT

A050

Scale **As indicated**



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NO.	DESCRIPTION	DATE

ARCHITECTURAL SITE DETAILS

Project Number392_2024

Date10-04-2024

Drawn ByKPG

Checked ByKMT

A051

ScaleAs indicated



1. REVIEW ALL MANUFACTURER RECOMMENDATIONS FOR INSTALLATION OF EXTERIOR MATERIAL AS SCHEDULED
2. ALL SIGNAGE SHOWN FOR REFERENCE ONLY - PROVIDED BY OTHERS UNDER A DEFERRED SUBMITTAL, PROVIDE POWER AS REQ, COORDINATE LOCATION WITH OWNER PRIOR TO INSTALLATION
3. ALL EXTERIOR LIGHTING SHOWN FOR REFERENCE ONLY - REFER TO DESIGN-BUILD ELECTRICAL DRAWINGS FOR ADD. INFO. COORDINATE FINAL LOCATIONS WITH OWNER IN FIELD PRIOR TO INSTALLATION
4. GC TO VERIFY THAT ALL ENTRANCE LANDINGS ARE FLUSH WITH FINISHED FLOOR AND PATCH/REPAIR AS REQUIRED
5. GC TO VERIFY THAT ALL PAVED SURFACES ADJACENT TO THE BUILDING SLOPE AWAY TO PROVIDE POSITIVE DRAINAGE
6. PROVIDE FLASHING AT GRADE AND/OR PAVED SURFACES AS REQ, REFER TO SECTIONS FOR ADD INFO

- | | |
|---|---|
| 1 | WD-1 SCREENING - REFER TO SITE PLAN FOR ADD INFO - MATCH BUILDING FINISH |
| 2 | PREFINISHED MTL PARAPET CAP - SEE SECTIONS FOR ADD INFO |
| 3 | PREFINISHED MTL AWNING BY OTHERS - SHOWN FOR REFERENCE ONLY |
| 4 | REFER TO STRUCTURAL DRAWINGS FOR ADD INFO |
| 5 | WALL MOUNTED LIGHT FIXTURE - REFER TO RCP FOR LIGHT FIXTURE SCHEDULE |
| 6 | PICKLEBALL COURT FENCING - REFER TO COURT LAYOUT PLAN AND SITE PLAN FOR ADD INFO |
| 7 | LANDSCAPING SHOWN FOR REFERENCE ONLY - REFER TO CIVIL DRAWINGS |
| 8 | PREFINISHED MTL GUTTER AND DOWNSPOUTS - MATCH MTL-1 - REFER TO ROOF PLAN FOR ADD INFO |
| 9 | FINISH REVEAL - COORDINATE W/ ARCH PRIOR TO INSTALLATION |

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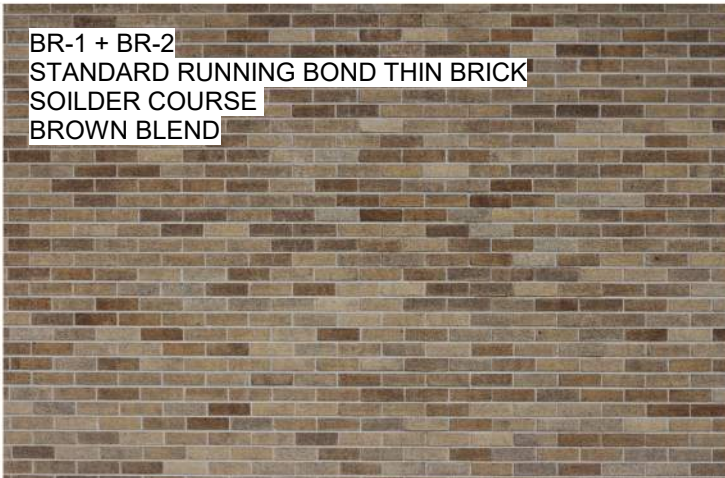
REVISION SCHEDULE		
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EXTERIOR ELEVATIONS

Project Number	392_2024
Date	10-04-2024
Drawn By	KPG
Checked By	KPG, KMT

A580

Scale **1/8" = 1'-0"**

BR-1 + BR-2 STANDARD RUNNING BOND THIN BRICK SOLDER COURSE BROWN BLEND 	EIFS-1 DARK GREY 
LPS-2 WOOD SIDING STAINED TO MATCH RED CEDAR 	MTL-1 DARK BRONZE METAL ACCENTS 



STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 5.11

Subject: Approval of Resolution 2024-111 approving a site plan request for the construction of a building addition to Discount Tire at 21721 Diamond Lake Rd S.

Prepared By: Alec Henderson, City Planner

Overview / Background / Analysis

Discount Tire (Applicant) has submitted a Zoning & Land Use application, requesting City approval of a Site Plan for an addition to the Discount Tire at 21721 Diamond Lk Rd S; (PID: 14-120-23-34-0017) (Subject Property). The proposal would add approximately 1,028 square feet of new building footprint to the west side of the principal building. The existing building is approximately 6,944 square feet. The addition plans also include some remodeling of the existing building and the addition would provide additional tire storage space. The site has little change other than a trash enclosure.

The proposed addition is simple and meets the required setbacks and impervious surface requirements. Additionally, the existing ponding off site is sized for the addition and no additional ponding would be required. The Planning Commission recommended approval of the addition.

Primary Issues to Consider

1. Land Use & Zoning
2. Site Plan

Analysis of Primary Issues

1. Land Use & Zoning

The Subject Property is guided as **Commercial** in the Rogers 2040 Comprehensive Plan. *Commercial uses include community and regional scale retail and service.*

The corresponding zoning for the Subject Property is **RC Regional Employment Center**. Automotive repair uses are *Permitted Uses* within this zoning district [City Code Section §125-50]. The proposal meets all setbacks and zoning requirements listed in City Code Section §125-57(b)

Zoning and Land use requirements are satisfied.

2. Site Plan

The existing use on the site, Discount Tire, would not be changed. Proposed changes

to the site would include adding approximately 1,028 square feet of building footprint to the west side of the principal building.

Demolition

Demolition would consist of removal of obstructions on the west side of the building including the existing trash enclosure (to be relocated north). Little is needed to be demoed or removed in the addition area.

Landscaping

Landscaping is not proposed for the site. Turf will need to be reestablished in the disturbed areas.

Materials

Elevation materials for the addition will match the existing building.

The proposed addition meets material requirements.

Planning Commission Review

This item was reviewed at the Wednesday, November 6th meeting of the Planning Commission. There were no issues identified with the proposed request and the commission unanimously recommended approval of this item.

Staff Recommendation

Motion to approve Resolution No 2024-111 approving a Site Plan for the Construction of a building addition to Discount Tire at 21721 Diamond Lake Rd S.

Financial Impact: NA

Source Fund: NA

Budgeted? N/A

Supporting Documentation

- A. Resolution No. 2024-111_Site Plan_21721 Diamond Lk Rd S-Discount tire addition
- B. 2. ALTA Survey - DTC MNM16
- C. 3. Commission Narrative - DTC MNM16
- D. 4. Civil Packet - DTC MNM16
- E. 5. Exterior Elevations - DTC MNM16
- F. 6. Interior Floor Plan - DTC MNM16

RESOLUTION NO. 2024-111

**A RESOLUTION APPROVING A SITE PLAN FOR THE CONSTRUCTION OF A
BUILDING ADDITION TO DISCOUNT TIRE AT 21721 DIAMOND LK RD S,
ROGERS, MINNESOTA.**

WHEREAS, Halle Properties LLC (“Fee Owner”) submitted an application to the City of Rogers (“City”), requesting approval of a Site Plan for the construction of an approximately 1,028 square addition and site improvements to Discount Tire at 21721 Diamond Lk Rd S.; and

WHEREAS, the property is 1.09 acres and guided Commercial and zoned Regional Employment Center District (RC) and legally described in Exhibit A (“Subject Property”) (PID: 14-120-23-34-0017); and

WHEREAS, section 125-28 – Site Plan Amendment governs the procedures around site plan review processes for alterations to existing non-residential structures, and requires that alterations beyond 10% of the existing improvements requires Site Plan review and Section 125-27 states that “the Planning Commission shall evaluate the effects of the proposed site plans. This review shall be based upon, but not be limited to, compliance with the City’s Comprehensive Plan and provisions of this Ordinance”; and

WHEREAS, the existing use of the Subject Property is for a automobile repair use, which are permitted uses in the RC zoning district [§125-50 Table 4E], and the use is consistent with the commercial land use guidance; and

WHEREAS, the proposed development does not create a new or expand an existing nonconformity and satisfies zoning and site plan review standards; and

WHEREAS, on November 6, 2024, the Planning Commission reviewed the request and voted unanimously to recommend approval to the City Council of the Site Plan Review, with the conditions.

NOW THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF ROGERS, MINNESOTA, the Site Plan request from Word of Peace Lutheran church is hereby approved for the construction of an addition and lot improvements on the Subject Property with the following conditions:

1. The site plan approval authorizes the applicant/owner to submit an addition permit that adds up to 1,028 square feet to the principal structure as well as any remodel permits as may be needed by the applicant.
2. The permit for the full addition may be issued upon revised civil plans being approved by Public Works and the City Engineer.
3. The Civil plans shall be revised as required by the Public Works department and City Engineer.
4. The addition shall be subject to review by the Metropolitan Council for SAC Determination.

Moved by Councilmember _____, seconded by Councilmember _____

The following voted in favor of said resolution:

The following voted against the same:

The following abstained:

Whereupon said resolution was declared duly passed and adopted, and was signed by the Mayor, and attested by the City Clerk dated this 12th day of November 2024.

Rick Ihli, Mayor

ATTEST:

Stacie Brown, City Clerk

EXHIBIT A

LEGAL DESCRIPTION

Subject Property

Lot 2, Block 1, ROGERS RETAIL CENTRE 3RD ADDITION, Hennepin County, Minnesota

PID # 14-120-23-34-0017

ALTA/NSPS LAND TITLE SURVEY FOR:
Kimley-Horn & Associates

LEGAL DESCRIPTION:

Lot 2, Block 1, Rogers Retail Centre Third Addition, Hennepin County, Minnesota.

Abstract Property

GENERAL SURVEY NOTES:

- The orientation of this bearing system is based on the Hennepin County coordinate grid (NAD 83-2011 Adj.).
- The legal description and easement information used in the preparation of this survey is based on the Commitment for Title Insurance issued by Commercial Partners Title, a division of Chicago Title Insurance Company, Commitment No. CP73232 dated January 28, 2024 at 7:00 AM.
- The surveyed property has indirect access to South Diamond Lake Road, a public right of way, via an driveway easement per Document No. 8416858.

OPTIONAL TABLE A ITEMS:

- Monuments have been placed at all major corners of the surveyed property described hereon, unless already marked or referenced by existing monuments or witnesses in close proximity to the corner.
 - The address of the property described hereon is 21721 Diamond Lake Road South Rogers, Minnesota 55374
 - The property described hereon lies within Flood Zone "X" (area determined to be outside the 0.2% annual chance floodplain) per Federal Insurance Rate Map No. 27053C 0033 F, dated November 04, 2016.
 - The total area of the property described hereon is 47,429 square feet or 1.08882 acres.
 - The contours depicted hereon are per elevation data collected while conducting the fieldwork. The contour interval is 1 foot.
- BENCHMARK: Top of Minnesota Department of Transportation Geodetic Monument "ROGERS MNDT" GSD Station # 11711 Elevation = 957.91 feet. (NAVD 88)
- SITE BENCHMARK: Top nut of hydrant located in the curb island on the north side of the surveyed property. Elevation = 945.03 feet. (NAVD 88)
- No zoning report or letter was received from the insurer pursuant to Optional Table A Item 6(a), as set forth in the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys.
 - Exterior building dimensions are depicted hereon.
 - The exterior building footprint area at ground level is depicted hereon.
 - The measured building height is depicted hereon.
 - Substantial features observed in the process of conducting the fieldwork are depicted hereon.
 - As of the date of this survey the property described hereon contains a total of 32 parking spaces of which 30 are standard spaces and 2 are handicapped spaces. There are an additional 22 standard parking spaces located partially on the surveyed property.
 - Existing utilities, services and underground structures shown hereon were located either physically, from existing records made available to us, by resident testimony, or by locations provided by Gopher State One Call, per Ticket No. 233212194. However, lacking excavation, the exact location of underground features cannot be accurately, completely and reliably depicted. Where additional or more detailed information is required, the client is advised that excavation may be necessary. Other utilities and services may be present and verification and location of all utilities and services should be obtained from the owners of the respective utilities prior to any design, planning or excavation.
 - The names of adjoining owners according to current tax records are depicted hereon.
 - The intersection of Main Street & Diamond Lake Road South is located approximately 893 feet northeast of the surveyed property.
 - As of the date of this survey there is no observable evidence of current earth moving work, building construction or building additions on the property described hereon.
 - The plottable offsite easements or servitudes disclosed in documents provided to the surveyor are depicted hereon.

SURVEY ITEMS PER SCHEDULE B:

- ITEM 9: Restrictions, covenants and conditions in Warranty Deed dated July 11, 1997, recorded September 24, 1997, as Document No. 8787316. Said restrictions, covenants and conditions affect the surveyed property. No plottable items to depict.
- ITEM 10: Terms, conditions, provisions and easements contained in that certain Operation and Easement Agreement by and between Target Corporation, a Minnesota corporation; Ryan Companies US, Inc., a Minnesota corporation; and WJD II & Co., a Minnesota general partnership, dated September 5, 2001, recorded September 5, 2001, as Document No. 7536648. Amended by First Amendment to Operation and Easement Agreement dated May 10, 2002, recorded June 17, 2002, as Document No. 7750252. Second Amendment to Operation and Easement Agreement dated June 20, 2003, recorded June 24, 2003, as Document No. 8084223. Third Amendment to Operation and Easement Agreement dated April 27, 2004, recorded August 13, 2004, as Document No. 8416858. Said terms, conditions, provisions and easements affect the surveyed property. The drive lanes depicted in said documents are depicted on Sheet 2 of 2.
- ITEM 11: Terms and conditions of that certain unrecorded General Development Plan with the City of Rogers, as referred to in Resolution No. 2001-60 approving final plat of Rogers Retail Centre, approved July 24, 2001, recorded September 5, 2001, as Document No. 7536644. Said terms and conditions affect the surveyed property. No plottable items to depict.
- ITEM 12: Restrictions, covenants and conditions contained in that certain Declaration of Covenants and Restrictions dated December 9, 1999, recorded December 30, 1999, as Document No. 7236956, which contain no forfeiture provision. Said restrictions, covenants and conditions expired in 2014.
- ITEM 13: Restrictions, covenants and conditions contained in that certain Declaration of Restrictions and Covenants dated August 12, 2004, recorded August 13, 2004, as Document No. 8416860, which contain no forfeiture provision. Said restrictions, covenants affect the surveyed property. No plottable items to depict.
- ITEM 14: Minerals and mineral rights reserved to the State of Minnesota.
- ITEM 15: Drainage and utility easements as shown on recorded plat of Rogers Retail Centre Third Addition recorded July 21, 2004, as Document No. 8401290. There are no drainage and utility easements shown on the plat of Rogers Retail Centre Third Addition that affect the surveyed property.

GOPHER STATE ONE CALL NOTE:

List of utilities notified per Gopher State One Call Ticket No. 233212194.

COMPANY NAME	Customer Service
ARVIG	(218)346-8248
AT&T TRANSMISSION	(571)218-9458
COMCAST	
CITY OF ROGERS	(763)428-8580
CENTURYLINK CTLO	(877)366-8344
HENNEPIN COUNTY PUBLIC WORKS	(612)596-0339
CENTER POINT ENERGY	(800)722-9326
MNDOT	(651)366-5750
XCEL ENERGY	(800)895-4999
ZAYO BANDWIDTH	(800)961-6500

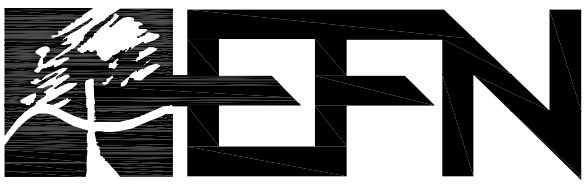
CERTIFICATION:

To Halle Properties, L.L.C., an Arizona limited liability company, Commercial Partners Title, a division of Chicago Title Insurance and Chicago Title Insurance Company.

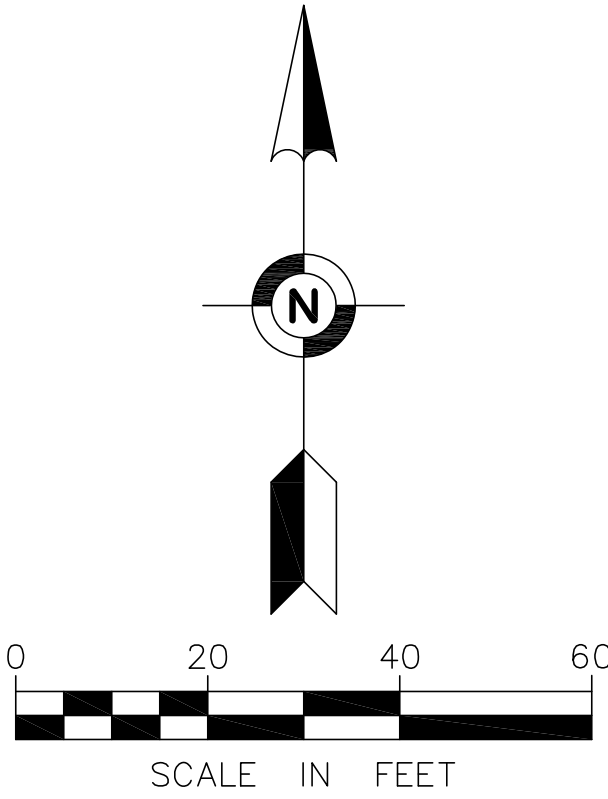
This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 5, 6(a), 7(c), 7(d)(1), 7(c), 8, 9, 10, 11(c), 13, 14, 16, and 18 of Table A thereof. The fieldwork was completed on December 1, 2023.

Date of Plat or Map: February 26, 2024

Eric A. Roesser
Minnesota License No. 47476
eroesser@efnsurvey.com



475 Old Highway 8 NW, Suite 200
New Brighton, Minnesota 55112
PHONE: (612) 466-3300
WWW.EFNSURVEY.COM
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land surveyors since 1872

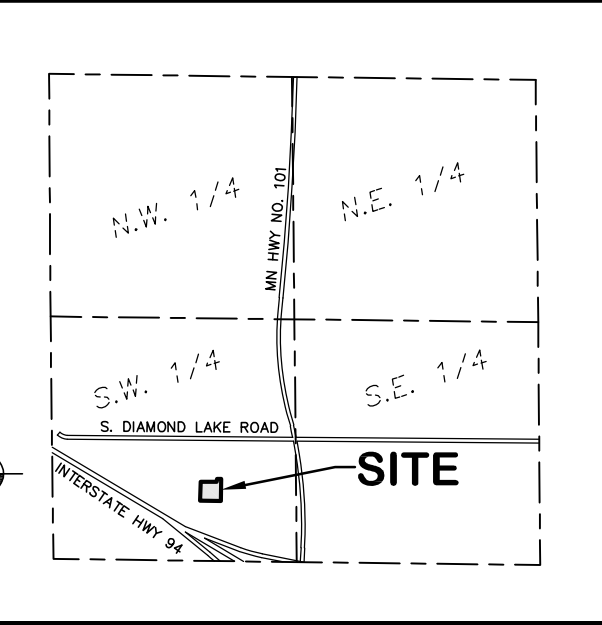


SET SET PK NAIL
SET SET IRON MONUMENT MARKED
WITH LICENSE NUMBER 47476

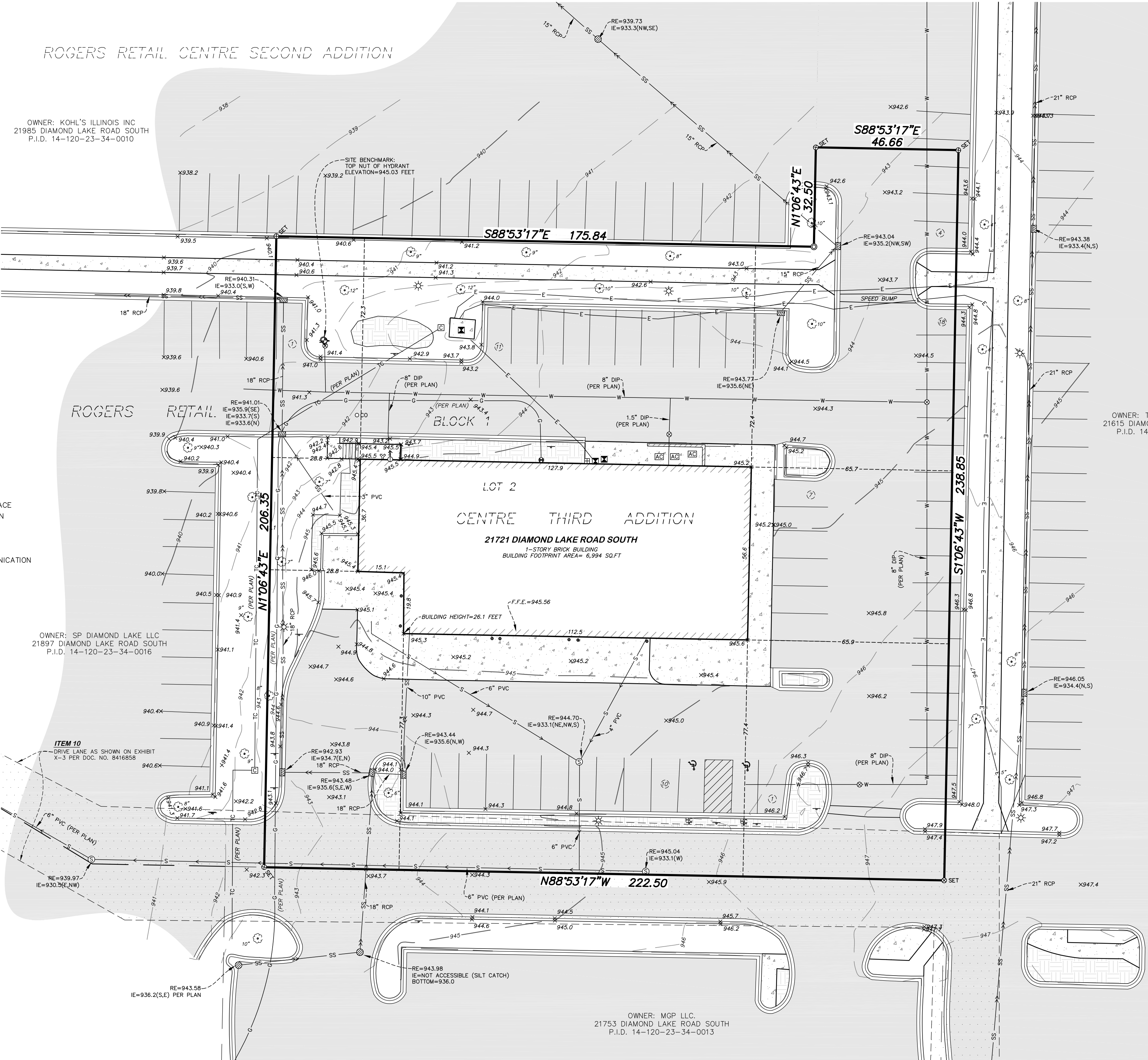
LEGEND

- BENCHMARK
- SANITARY MANHOLE
- CATCH BASIN
- GATE VALVE
- AIR CONDITIONER
- ELECTRIC BOX
- ELECTRIC METER
- LIGHT
- COMMUNICATION BOX
- SIGN
- BOLLARD
- HANDICAPPED PARKING SPACE
- HANDICAPPED PARKING SIGN
- STORM SEWER
- WATERMAIN
- UNDERGROUND ELECTRIC
- UNDERGROUND TELECOMMUNICATION
- UNDERGROUND GAS
- SPOT ELEVATION
- EXISTING CONTOUR LINE
- TREE
- BITUMINOUS SURFACE
- CONCRETE SURFACE
- LANDSCAPED SURFACE
- LANDSCAPED SURFACE

SECTION 14, T 120 N, R 23 W



VICINITY MAP
NO SCALE



FIELD BOOK	PAGE	FIELDWORK CHIEF:	REVISIONS	
		LH	NO.	DATE
		DRAWN BY:	DESCRIPTION	
		RRR, LS		
DRAWING NAME:		CHECKED BY:		
41730.dwg		ER		
JOB NO.	41730			
FILE NO.	5761			

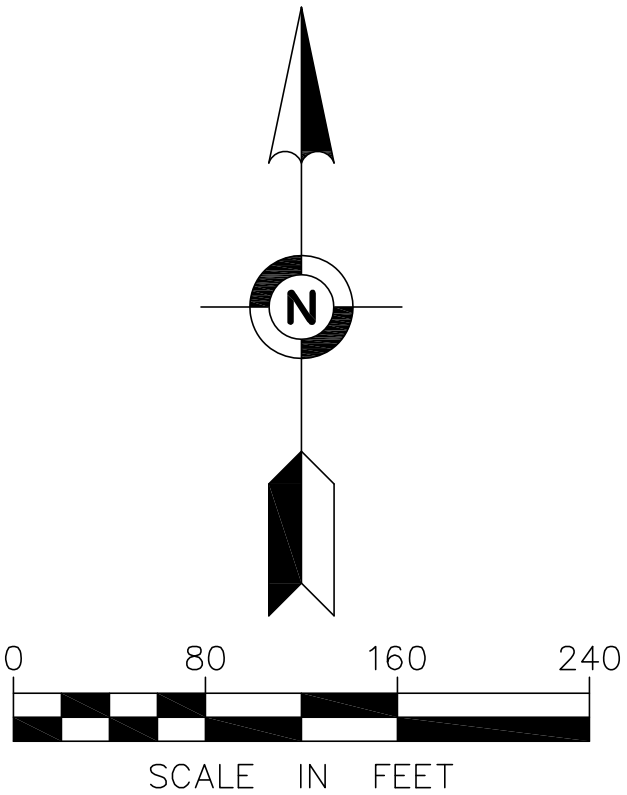
ALTA/NSPS
LAND TITLE SURVEY

SURVEY FOR:

Kimley-Horn & Associates

PROPERTY ADDRESS:

21721 Diamond Lake Road South
Rogers, MN 55374



FIELD BOOK	PAGE	FIELDWORK CHIEF:	REVISIONS		
			NO.	DATE	DESCRIPTION
DRAWING NAME: 41730.dwg JOB NO. 41730 FILE NO. 5761		DRAWN BY: RRR, LS			
		CHECKED BY: ER			

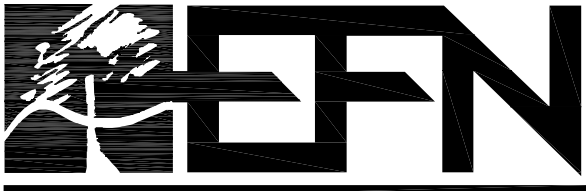
ALTA/NSPS
LAND TITLE SURVEY

SURVEY FOR:

Kimley-Horn & Associates

PROPERTY ADDRESS:

21721 Diamond Lake Road South
Rogers, MN 55374



Egan, Field & Nowak, Inc.
land surveyors since 1872

475 Old Highway 8 NW, Suite 200
New Brighton, Minnesota 55112
PHONE: (612) 466-3300
WWW.EFNSURVEY.COM

To: City of Rogers Planning Department ATTN: Alec Hendersen

From: Bryce Christensen, Kimley-Horn
Kayla Hensen, Discount Tire Company

Date: September 27, 2024

Subj: Project Narrative
22350 S Diamond Lake Road, Rogers, MN 55374

Discount Tire MNM 16 Expansion – 21721 Diamond Lake Road South, Rogers MN 55374

Kimley-Horn has been working with City of Rogers to seek approval of the Expansion of the Discount Tire Store MNM 16 located at 21721 Diamond Lake Road South. The Site, Parcel ID 1412023340017, Lot 2 Block 1 of the Rogers Retail Center Third Addition, is approximately 1.09-acres and currently zoned Regional Employment Center (RC). The Site is centrally located within the Rogers Retail Center surrounded by other commercial and retail properties. This proposed project does not alter the building's zoning or use.

The project intends to demo the existing garage storage area and attached trash enclosure located on the west side of the building in order to expand the building footprint, refresh the exterior elements, update brand signage, install new overhead doors, remodel the interior, improve garage storage, and relocate the existing trash enclosure within the limits of the property. No changes to the site's existing utilities, exterior lighting, parking count, is expected within the proposed improvements.

The overall building expansion includes:

- 1027 sqft of building footprint expansion
- 1606 sqft of gross area increase including mezzanine level storage
- Existing Building Area: 10,264 SF
- Proposed Building Area: 11,870 SF
- Total increase to the existing area of 15.65%

The building expands to its footprint 12.8 feet the West and maintains the existing plane of the building on the North, South, and East faces. The proposed Western expansion matches its roof height to the current height of the overall building. This will create a uniform elevation across the entire structure. Other exterior improvements include replacement of exterior doors and overhead garage doors as well as a new Discount Tire branded sign.

As a result of the building expansion, 526 SF of existing landscaping is removed. As a result of relocating the proposed trash enclosure, an additional 564 SF of landscaping area is removed. The proposed exterior site improvements remove a total of 1090 SF of landscaping. There are no changes to any existing shrubs or trees. All trees are identified on the Site Plan detailing tree protection and preservation. Contractor will revegetate all disturbed landscaping in compliance with City of Roger's Municipal Code.

The proposed building materials will generally consist of CMU Masonry, EIFS Stucco, and Metal Coving wrapping the roof. The materials and colors of the refreshed property remain unchanged and meet City Ordinances providing a visually appealing and functional appearance for those passing by.

After reviewing the City's Vision and Guiding Principles document, Halle Properties LLC and Kimley-Horn believe that the proposed expansion within the existing Commercial Rogers Retail Center help the City to generally achieve these Guiding Principles allowing an existing business to Foster Economic Opportunity and Prosperity, providing a refresh to a structure built in 2006 while increasing its efficiency and service to the Roger's market. The development team will continue to work diligently with City staff, Planning Commission, and City Council on the proposed project. We appreciate your consideration.

Please contact me at (303)-228-2339 or bryce.christensen@kimley-horn.com if you have any questions.

Sincerely,



Bryce Christensen, P.E.
Senior Associate

K:\DEV_Civil\096010032 - DTC Rogers MND\16\CD\Drawings\SitePlan\CD.dwg, Blt/Hrt, Checked
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGN'S PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE, IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

SITE PLAN DOCUMENTS
FOR
DISCOUNT
TIRE CO.

STORE #MNM 16
21721 DIAMOND LAKE ROAD S
CITY OF ROGERS, HENNEPIN COUNTY, STATE OF MINNESOTA

GEODETIC BASIS STATEMENT

THE ADDRESS OF THE PROPERTY DESCRIBED HEREON IS 21721 DIAMOND LAKE ROAD SOUTH ROGERS, MINNESOTA 55374

THE PROPERTY DESCRIBED HEREON LIES WITHIN FLOOD ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER FEDERAL INSURANCE RATE MAP NO. 27053C 0033 F, DATED NOVEMBER 04, 2016.

THE TOTAL AREA OF THE PROPERTY DESCRIBED HEREON IS 47,429 SQUARE FEET OR 1.0888 ACRES.

THE CONTOURS DEPICTED HEREON ARE PER ELEVATION DATA COLLECTED WHILE CONDUCTING THE FIELDWORK. THE CONTOUR INTERVAL IS 1 FOOT.

BENCHMARK: TOP OF MINNESOTA DEPARTMENT OF TRANSPORTATION GEODETIC MONUMENT "ROGERS MNDT" GSID STATION # 11711
ELEVATION = 957.91 FEET. (NAVD 88)

SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED IN THE CURB

FLOOD STATEMENT

FLOOD STATEMENT: ACCORDING TO COMMUNITY PANEL NO. T120NR23WS14, DATED 11/4/2016 OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM), A PORTION OF THE SUBJECT TRACT IS LOCATED IN ZONE "AE FLOODWAY" WHICH IS DEFINED BY FEMA AS "THE CHANNEL OF A STREAM PLUS ANY ADJACENT FLOODPLAIN AREAS THAT MUST BE KEPT FREE OF ENCROACHMENT SO THAT THE 1% ANNUAL CHANCE FLOOD CAN BE CARRIED WITHOUT SUBSTANTIAL INCREASE IN FLOOD HEIGHTS"; A PORTION OF THE SUBJECT TRACT IS LOCATED WITHIN ZONE "AE" WHICH IS DEFINED BY FEMA AS "100-YEAR FLOOD HAZARD AREA WITH BASE FLOOD ELEVATIONS DETERMINED"; A PORTION OF THE SUBJECT TRACT IS LOCATED WITHIN ZONE "X"(SHADED) WHICH IS DEFINED BY FEMA AS " AREAS OF 500-YEAR FLOOD, 0.2% ANNUAL CHANCE FLOOD HAZARD"; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT, OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD". THE REMAINDER OF THE SUBJECT TRACT IS LOCATED WITHIN ZONE X (UNSHADED).WHICH IS DEFINED BY FEMA AS "AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN." ALL ZONE DELINEATIONS SHOWN HEREON ARE APPROXIMATE.

OWNER/DEVELOPER

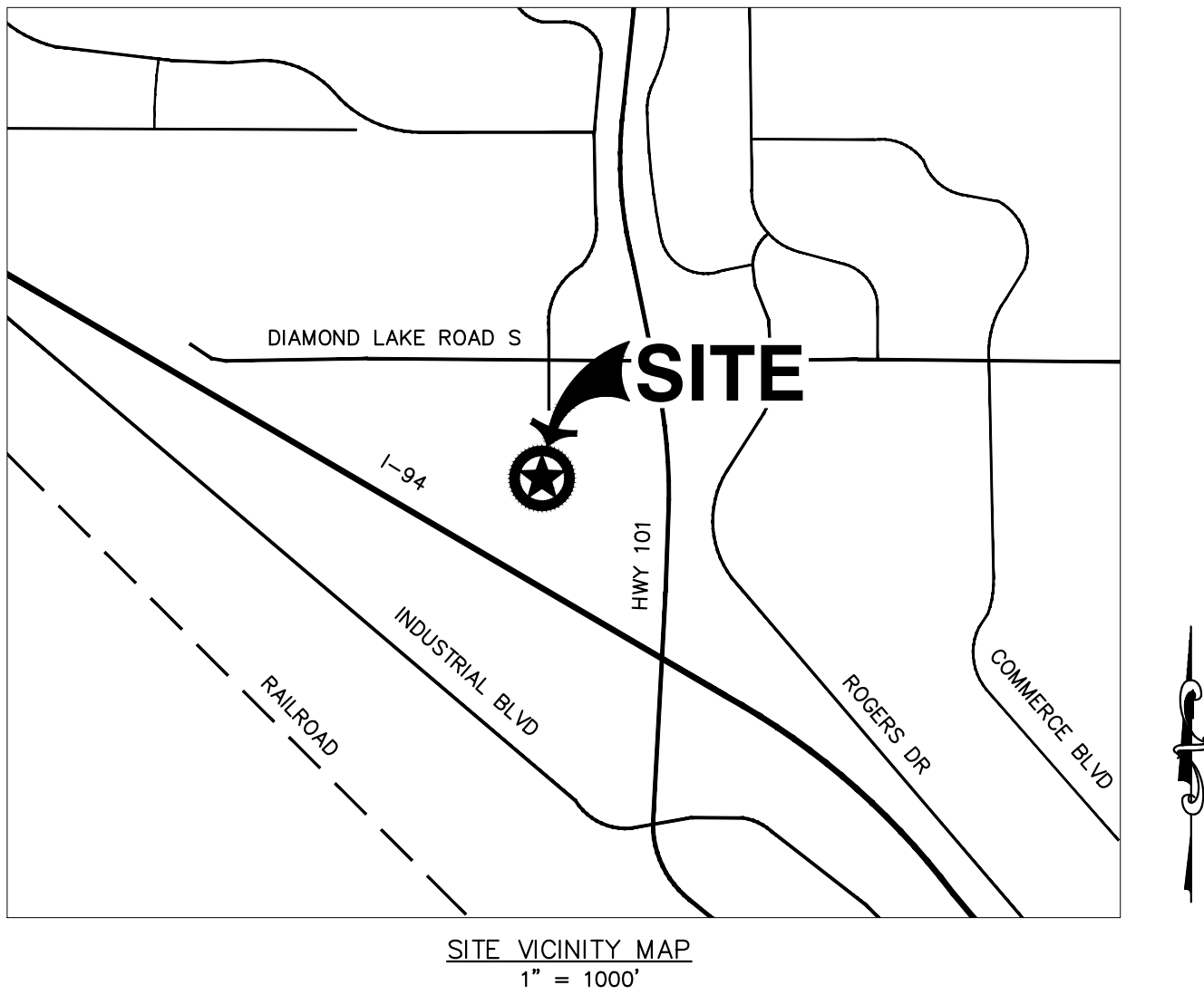
DISCOUNT TIRE CO.
20225 NORTH SCOTTSDALE ROAD
SCOTTSDALE, ARIZONA 85255
PHONE 480-606-6845
CONTACT: KAYLA HENSON
CELL 480-909-6811

CIVIL ENGINEER

KIMLEY HORN AND ASSOCIATES, INC.
6200 S SYRACUSE WAY, SUITE 300
GREENWOOD VILLAGE, CO 80111
PHONE 303-228-92300
CONTACT: BRYCE CHRISTENSEN, PE (CO)
EOR: TRISH SIEH, PE (MN)

LAND SURVEYOR

KIMLEY HORN AND ASSOCIATES, INC.
10101 REUNION PLACE, SUITE 400
SAN ANTONIO, TX 78216
PHONE 210-541-9166
CONTACT: JAY JANISSE



SHEET INDEX	
SHEET NUMBER	SHEET TITLE
C0.0	COVER SHEET
C0.1	GENERAL NOTES AND DETAIL SHEET
C1.0	EXISTING CONDITIONS AND DEMOLITION PLAN
C2.0	SITE PLAN
C3.0	GRADING PLAN
C4.0	DETAIL SHEET

LIST OF ACRONYMS AND ABBREVIATIONS

APPROX	APPROXIMATE	NO	NUMBER
AR	ACCESSIBLE ROUTE	NTS	NOT TO SCALE
BOS	BOTTOM OF STAIRS	NW	NORTHWEST
BW	FINISHED GRADE AT BOTTOM OF WALL	OC	ON CENTER
		OD	OUTER DIAMETER
CO	CLEANOUT	POC	POINT OF CONNECTION
CONC	CONCRETE	PROP	PROPOSED
COM	COMMUNICATIONS	PVC	POLYVINYL CHLORIDE
CTV	CABLE TELEVISION	R	RADIUS
CY	CUBIC YARDS	RCP	REINFORCED CONCRETE PIPE
DIA	DIAMETER	RD	ROAD
DTL	DETAIL	REC	RECORDATION
E	EAST OR ELECTRIC	REF	REFERENCE
EA	EACH	REV	REVISION
ELEV	ELEVATION	RT	RIGHT
ELEC	ELECTRIC	ROW	RIGHT-OF-WAY
EX	EXISTING	S	SOUTH
EXP	EXPANSION	SD	STORM DRAIN
FF	FINISHED FLOOR ELEVATION	SDA	STANDARD DUTY ASPHALT
FG	FINISHED GRADE	SE	SOUTHEAST
FL	FLOW LINE	SF	SQUARE FEET
FO	FIBER OPTIC	SS	SANITARY SEWER
G	GAS	ST	STREET
H	HORIZONTAL	STA	STATION
HDA	HEAVY DUTY ASPHALT	STD	STANDARD
HDC	HEAVY DUTY CONCRETE	STL	STEEL
HP	HIGH POINT	SW	SIDEWALK OR SOUTHWEST
INV	INVERT	SWMP	STORMWATER MANAGEMENT PLAN
IRRG	IRRIGATION		
LF	LINEAR FEET	SY	SQUARE YARDS
LP	LOW POINT	T	TELEPHONE
LT	LEFT	TB	THRUST BLOCK
MAX	MAXIMUM	TC	TOP OF CURB
ME	MATCH EXISTING	TOS	TOP OF STAIRS
MH	MANHOLE	TP	TOP OF PAVEMENT
MIN	MINIMUM	TW	TOP OF WALL
N	NORTH	TYP	TYPICAL
NAP	NOT A PART	V	VERTICAL
NE	NORTHEAST	W	WATER OR WEST

Kimley»Horn

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6200 S SYRACUSE WAY, SUITE 300
GREENWOOD VILLAGE, CO 80111

DESIGNED BY: MJ
DRAWN BY: MJ
CHECKED BY: BC
DATE: 9/24/2024

DISCOUNT TIRE MNM 16
SITE PLAN
21721 DIAMOND LAKE ROAD S
ROGERS, MN 55374
COVER SHEET

PRELIMINARY

FOR REVIEW ONLY
NOT FOR
CONSTRUCTION
Kimley»Horn
Kimley-Horn and Associates, Inc.

PROJECT NO.
096010032

C0.0

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GENERAL NOTES

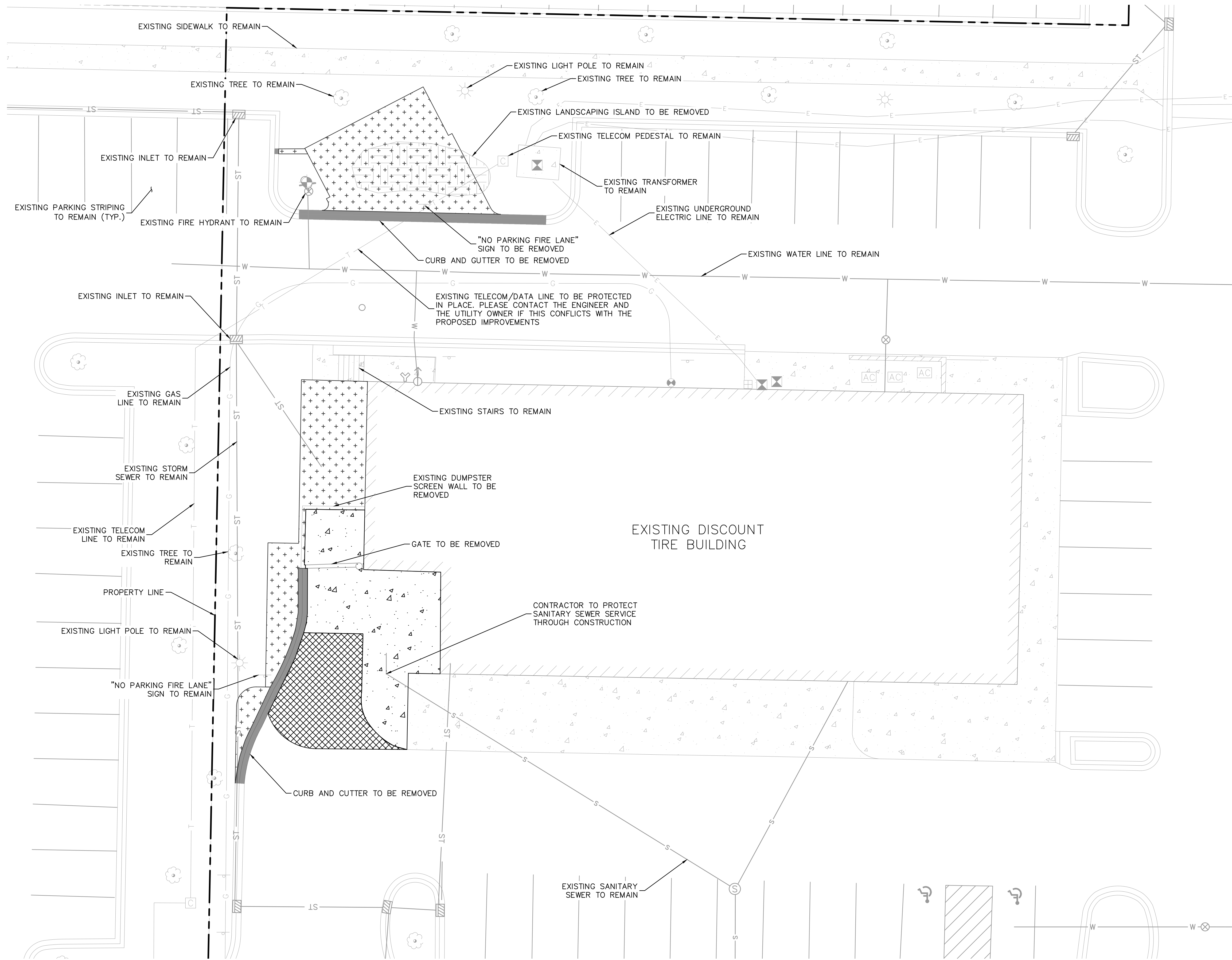
3. EXISTING UTILITIES ARE SHOWN ON THE PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. (CALL BEFORE YOU DIG: 800-227-9187).
2. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL OVERHEAD AND UNDERGROUND INTERFERENCE'S WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAID UTILITIES. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND FACILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL NOT DAMAGE EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE. IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
4. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING IMPROVEMENTS IN ORDER TO PROVIDE FOR PROPER DRAINAGE AND INGRESS TO AND EGRESS TO THE SITE. THE EXTENT OF TRANSITIONS WILL BE DETERMINED BY THE COUNTY TRAFFIC MANAGER.
5. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY ALTERATIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
6. THE CONTRACTOR SHALL APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
7. THE CONTRACTOR SHALL NOT BACK FILL ANY TRENCHES IN WHICH WATERLINES HAVE BEEN UNCOVERED UNTIL THE WATERLINES HAVE BEEN INSPECTED BY THE CITY OF ROGERS OR THE AGENCY HAVING JURISDICTION.
8. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC. SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOW LINES, AND VALLEY GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY.
9. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS.
10. CONSTRUCTION STAKING: GRADE STAKES WILL BE BASED ON THE TOP OF THE RESPECTIVE STAKE OR NAIL. THREE CONSECUTIVE POINTS THAT ARE SHOWN TO BE ON THE SAME RATE OF SLOPE MUST BE USED IN COMMON IN ORDER THAT ANY VARIATION OUT OF A PERFECT STRAIGHT GRADE MAY BE DETECTED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER/SURVEYOR IMMEDIATELY IF A DISCREPANCY IS FOUND.
11. DO NOT SCALE THIS DRAWING.
12. CONTRACTOR TO LOCATE AND VERIFY SIZE, LINE TYPE CONDITION, DEPTH, PRESSURE AND LOCATION OF ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA PRIOR TO CONSTRUCTION. THE CIVIL ENGINEER SHALL BE CONTACTED ONCE THE UTILITY LINE IS LOCATED.
13. THESE DRAWINGS MAY NOT INDICATE ALL EXISTING BURIED UTILITY LINES, CONTRACTOR IS TO EXERCISE GREAT CARE DURING EXCAVATION IN ORDER TO AVOID MAKING CONTACT WITH ANY EXISTING UTILITY LINES. IF UTILITY LINES ARE DAMAGED BY CONTRACTOR, SUCH DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
14. UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREIN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER. CALL BEFORE YOU DIG: 800-227-9187.
15. PROPOSED CONCRETE PAVING TO MATCH EXISTING PAVEMENT SECTIONS AND DESIGN.

ENGINEER'S NOTES

1. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNLESS OTHERWISE NOTED HEREIN.
2. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING UNDERGROUND UTILITIES AND APPURTENANCES, UNLESS OTHERWISE NOTED HEREIN.
3. CONTRACTOR SHALL ADJUST ALL EXISTING AT GRADE UTILITIES (MANHOLES, VALVES, CLEANOUTS, ETC.) TO FINISHED GRADE.
4. ALL WORK SHALL CONFORM TO CITY OF ROGERS SPECIFICATIONS AND STANDARDS.
5. CONTRACTOR TO MATCH ANY NEW PAVEMENT SECTIONS ON-SITE WITH EXISTING CONDITIONS OR DEFER TO GEOTECHNICAL REPORT FOR THE SITE, IF AVAILABLE. IF NO GEOTECHNICAL REPORT IS AVAILABLE, CONTRACTOR SHALL DEFER TO CITY OF ROGERS PUBLIC WORKS STANDARDS
6. CONTRACTOR SHALL SUBMIT PROPOSED PAVEMENT SECTIONS TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO CONSTRUCTION.

[illegible]

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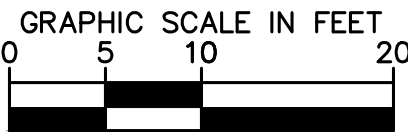
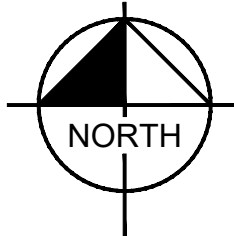
LEGEND

---	PROPERTY LINE
ST	EXISTING STORM LINE
W	EXISTING WATER LINE
G	EXISTING GAS LINE
E	EXISTING ELECTRIC LINE
++	LANDSCAPING TO BE DEMOLISHED
---	CURB TO BE DEMOLISHED
---	CONCRETE TO BE DEMOLISHED
---	ASPHALT TO BE DEMOLISHED

PROJECT NOTES

1. SITE AREA TO BE BROUGHT BACK TO EXISTING CONDITIONS AFTER CONSTRUCTION IS COMPLETE.
2. EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED.
3. ANY UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON THE LEVEL B SUBSURFACE UTILITY INVESTIGATION PREPARED BY VOSHURG WELSH, LLC DATED 12/08/23. KIMLEY-HORN CANNOT GUARANTEE THE LOCATIONS OF SAID UTILITIES AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. THE EXISTING ONSITE PAVING IS REINFORCED CONCRETE.
5. CONTRACTOR TO MODIFY EXISTING IRRIGATIONS SYSTEM AS NECESSARY TO ACCOMMODATE THE PROPOSED IMPROVEMENTS.

LANDSCAPE REMOVAL TABLE	
EXISTING LANDSCAPE	7666.02 SQ FT.
LANDSCAPE TO BE REMOVED	1090.07 SQ FT.



Kimley»Horn

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6200 S SYRACUSE WAY, SUITE 300
GREENWOOD VILLAGE, CO 80111

DESIGNED BY: MJ
DRAWN BY: MJ
CHECKED BY: BC
DATE: 9/24/2024

DISCOUNT TIRE MNM 16
SITE PLAN
21721 DIAMOND LAKE ROAD S
ROGERS, MN 55374
EXISTING CONDITIONS AND DEMOLITION PLAN

PRELIMINARY

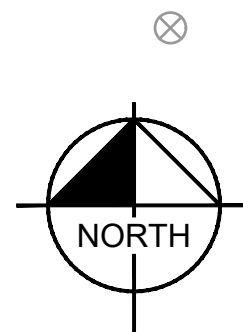
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Kimley-Horn and Associates, Inc.

PROJECT NO.
096010032

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LEGEND

-  PROPERTY LINE
 PROPOSED CONCRETE
 PROPOSED ASPHALT

PROJECT NOTES

1. SITE AREA TO BE BROUGHT BACK TO EXISTING CONDITIONS AFTER CONSTRUCTION IS COMPLETE
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4. CONTRACTOR TO EXTEND EXISTING LANDSCAPE MATERIAL/GROUND COVER AND EXTEND IRRIGATION SYSTEM TO ENSURE ADEQUATE COVER OF NEW LANDSCAPE AREA.
5. BUILDING EXPANSION AND TRASH ENCLOSURE IMPROVEMENTS YIELD A NET LOSS OF ZERO PARKING SPACES.
6. PROPOSED CONCRETE PAVING TO MATCH EXISTING PAVEMENT SECTIONS AND DESIGN.
7. CONTRACTOR TO REVEGETATE ALL DISTURBED LANDSCAPING RESULTING FROM CONSTRUCTION ACTIVITIES.

DISCOUNT TIRE MNM 16
SITE PLAN
21721 DIAMOND LAKE ROAD
ROGERS, MN 55374
SITE PLAN

PRELIMINARY

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Kimley»»Horn
Kimley-Horn and Associates, Inc.

PROJECT NO. 000010070

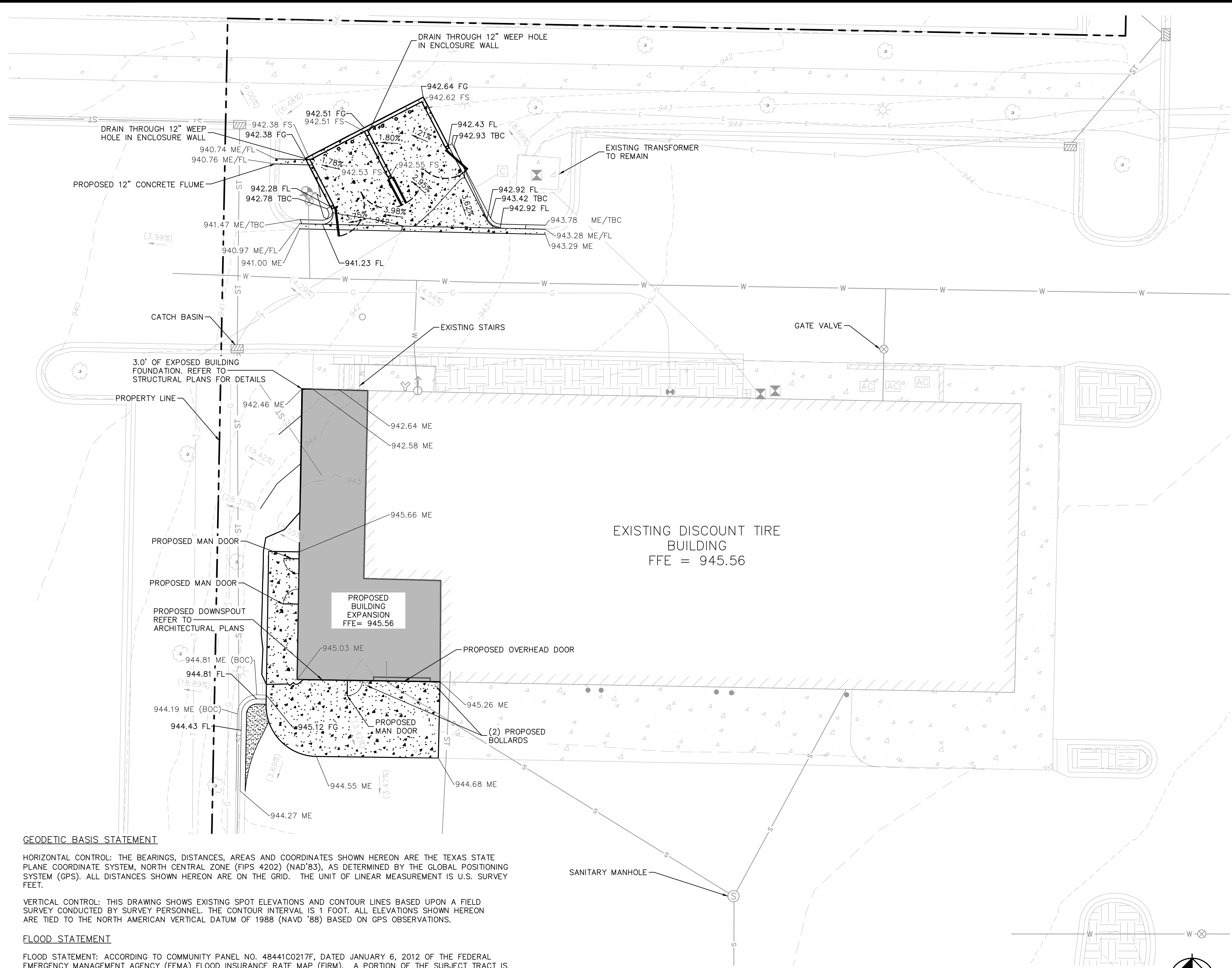
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Kimley»»Horn

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6200 S SYRACUSE WAY, SUITE 300
GREENWOOD VILLAGE, CO 80111

DESIGNED BY: MJ
DRAWN BY: MJ
CHECKED BY: BC
DATE: 9/24/2024

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GEODETIC BASIS STATEMENT

HORIZONTAL CONTROL: THE BEARINGS, DISTANCES, AREAS AND COORDINATES SHOWN HEREON ARE THE TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE (FIPS 4202) (NAD'83), AS DETERMINED BY THE GLOBAL POSITIONING SYSTEM (GPS). ALL DISTANCES SHOWN HEREON ARE ON THE GRID. THE UNIT OF LINEAR MEASUREMENT IS U.S. SURVEY FEET.

VERTICAL CONTROL: THIS DRAWING SHOWS EXISTING SPOT ELEVATIONS AND CONTOUR LINES BASED UPON A FIELD SURVEY CONDUCTED BY SURVEY PERSONNEL. THE CONTOUR INTERVAL IS 1 FOOT. ALL ELEVATIONS SHOWN HEREON ARE TIED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) BASED ON GPS OBSERVATIONS.

FLOOD STATEMENT

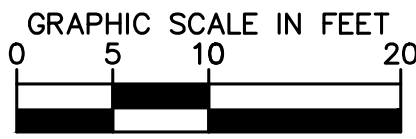
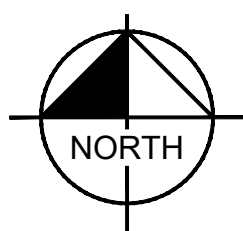
FLOOD STATEMENT: ACCORDING TO COMMUNITY PANEL NO. 48441C0217F, DATED JANUARY 6, 2012 OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM). A PORTION OF THE SUBJECT TRACT IS LOCATED IN ZONE "AE FLOODWAY" WHICH IS DEFINED BY FEMA AS "THE CHANNEL OF A STREAM PLUS ANY ADJACENT FLOODPLAIN AREAS THAT MUST BE KEPT FREE OF ENCROACHMENT SO THAT THE 1% ANNUAL CHANCE FLOOD CAN BE CARRIED WITHOUT SUBSTANTIAL INCREASE IN FLOOD HEIGHTS.", A PORTION OF THE SUBJECT TRACT IS LOCATED WITHIN ZONE "AE" WHICH IS DEFINED BY FEMA AS "100-YEAR FLOOD HAZARD AREA WITH BASE FLOOD ELEVATIONS DETERMINED", A PORTION OF THE SUBJECT TRACT IS LOCATED WITHIN ZONE "X" (SHADED) WHICH IS DEFINED BY FEMA AS "AREAS OF 500-YEAR FLOOD, 0.2% ANNUAL CHANCE FLOOD HAZZARD", AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT, OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD". THE REMAINDER OF THE SUBJECT TRACT IS LOCATED WITHIN ZONE X (UNSHADED).WHICH IS DEFINED BY FEMA AS "AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN." ALL ZONE DELINEATIONS SHOWN HEREON ARE APPROXIMATE.

LEGEND

- PROPERTY LINE
- [Pattern] PROPOSED CONCRETE
- [Pattern] PROPOSED ASPHALT
- ??? PROPOSED SLOPE
- (???) EXISTING SLOPE
- - - 5770 - - - EXISTING CONTOUR
- 5771 — PROPOSED CONTOUR
- FG FINISH GRADE
- FS FINISH SURFACE
- TBC TOP BACK OF CURB
- FL FLOW LINE
- ME MATCH EXISTING ELEVATION
- ST — STORM SEWER
- W — WATERMAIN
- E — UNDERGROUND ELECTRIC
- T — UNDERGROUND TELECOMMUNICATION
- G — UNDERGROUND GAS
- S — SANITARY SEWER

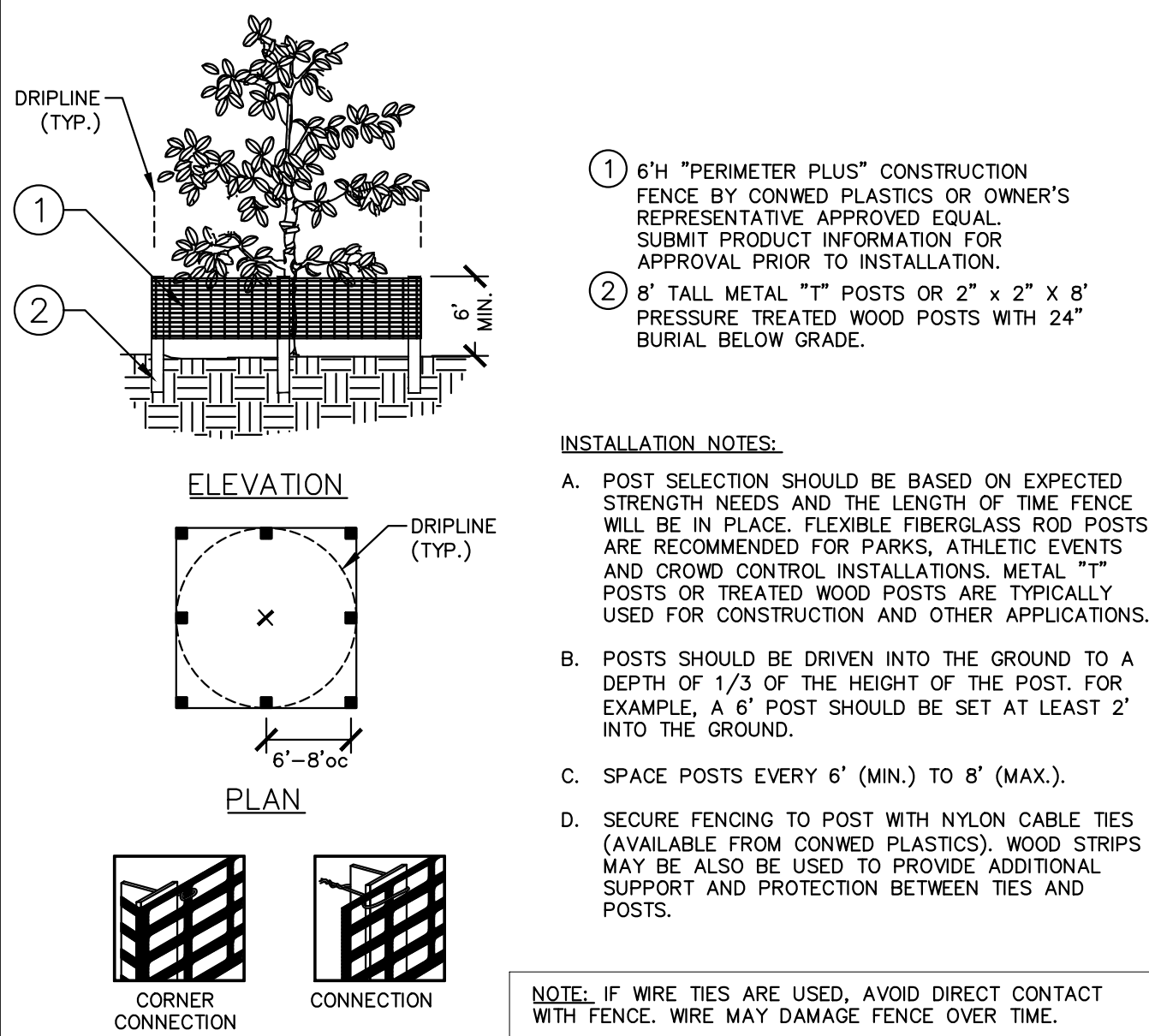
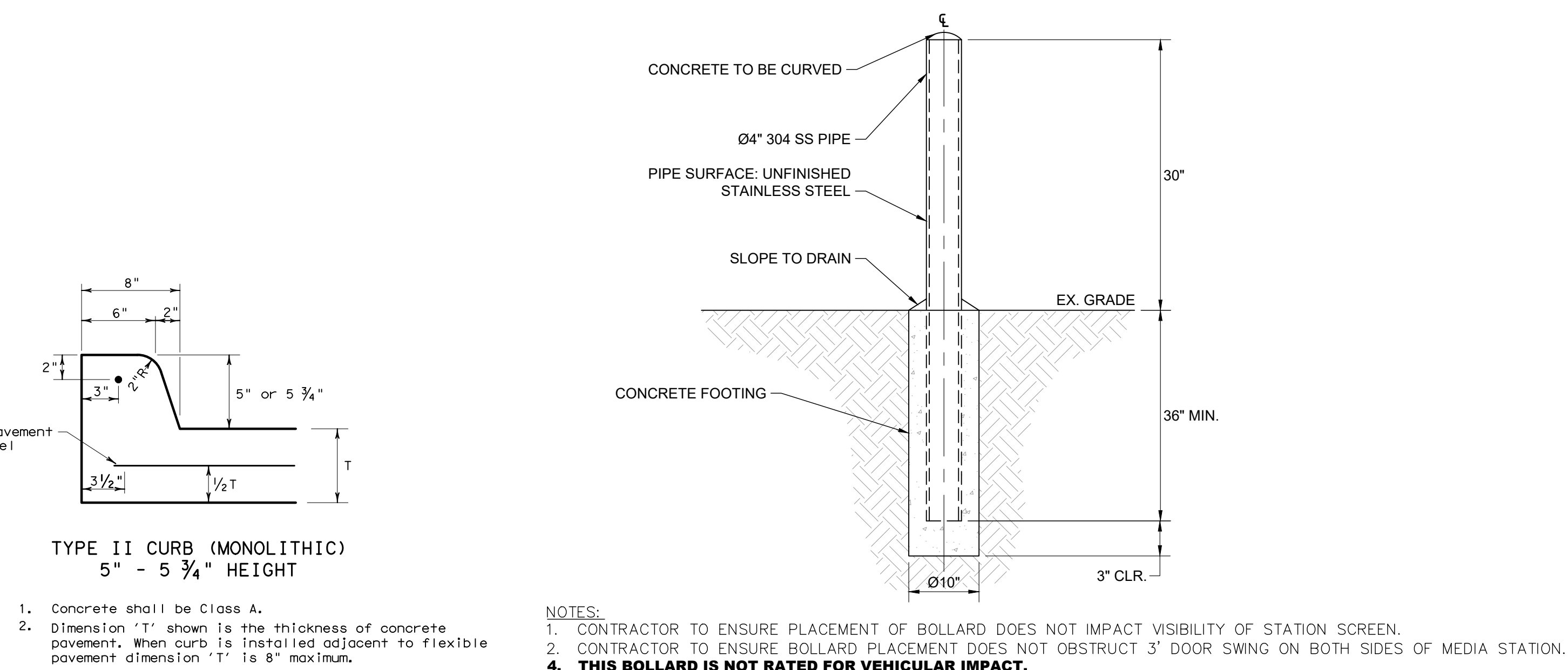
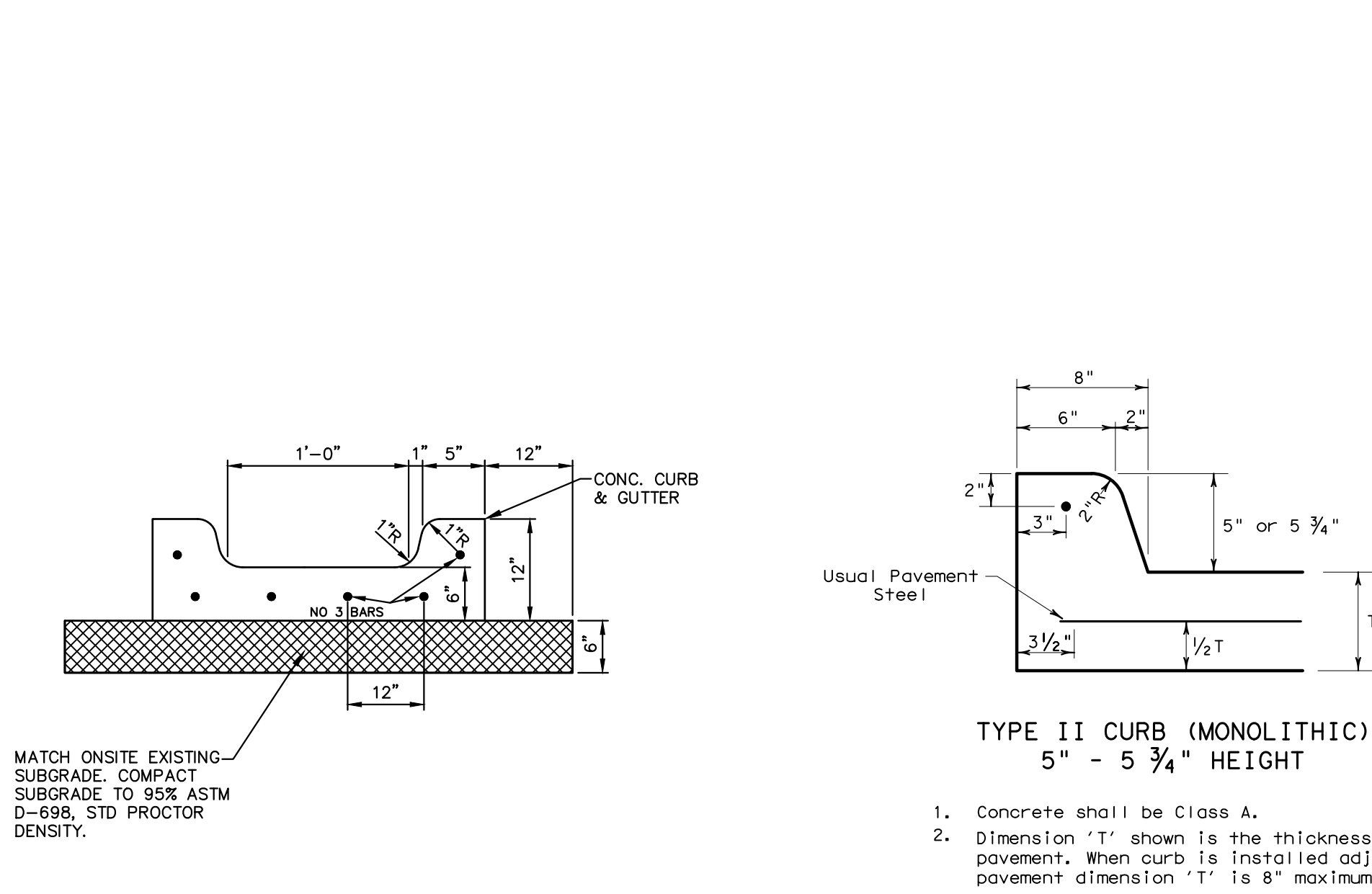
PROJECT NOTES

1. SITE AREA TO BE BROUGHT BACK TO EXISTING CONDITIONS AFTER CONSTRUCTION IS COMPLETE
2. EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED
3. ANY UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON THE LEVEL B SUBSURFACE UTILITY INVESTIGATION PREPARED BY VOSHBURG WELSH, LLC DATED 12/08/23. KIMLEY-HORN CANNOT GUARANTEE THE LOCATIONS OF SAID UTILITIES. KIMLEY-HORN ASSUMES NO LIABILITY FOR POORLY IMPROPERLY MARKED UTILITY LOCATIONS.
4. CONTRACTOR TO MODIFY EXISTING IRRIGATIONS SYSTEM AS NECESSARY TO ACCOMMODATE THE PROPOSED IMPROVEMENTS AND ENSURE ADEQUATE COVERAGE OF THE REMAINING LANDSCAPE AREA.

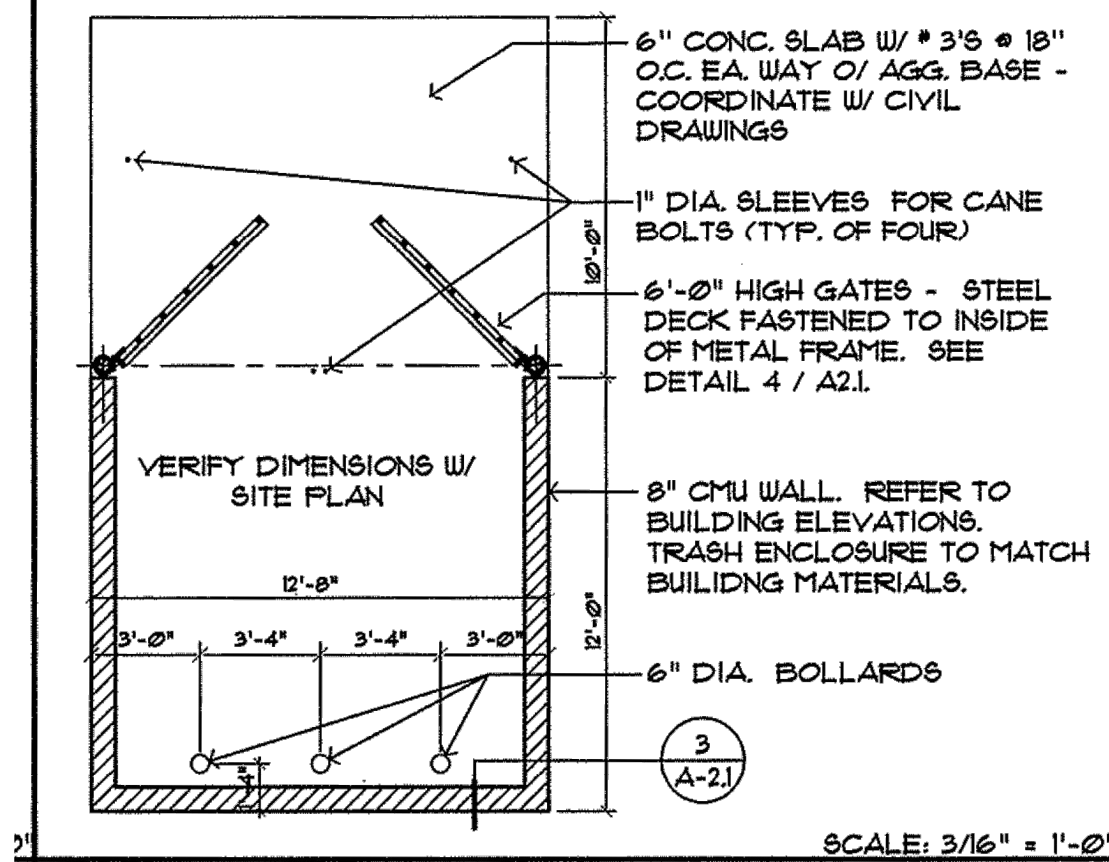
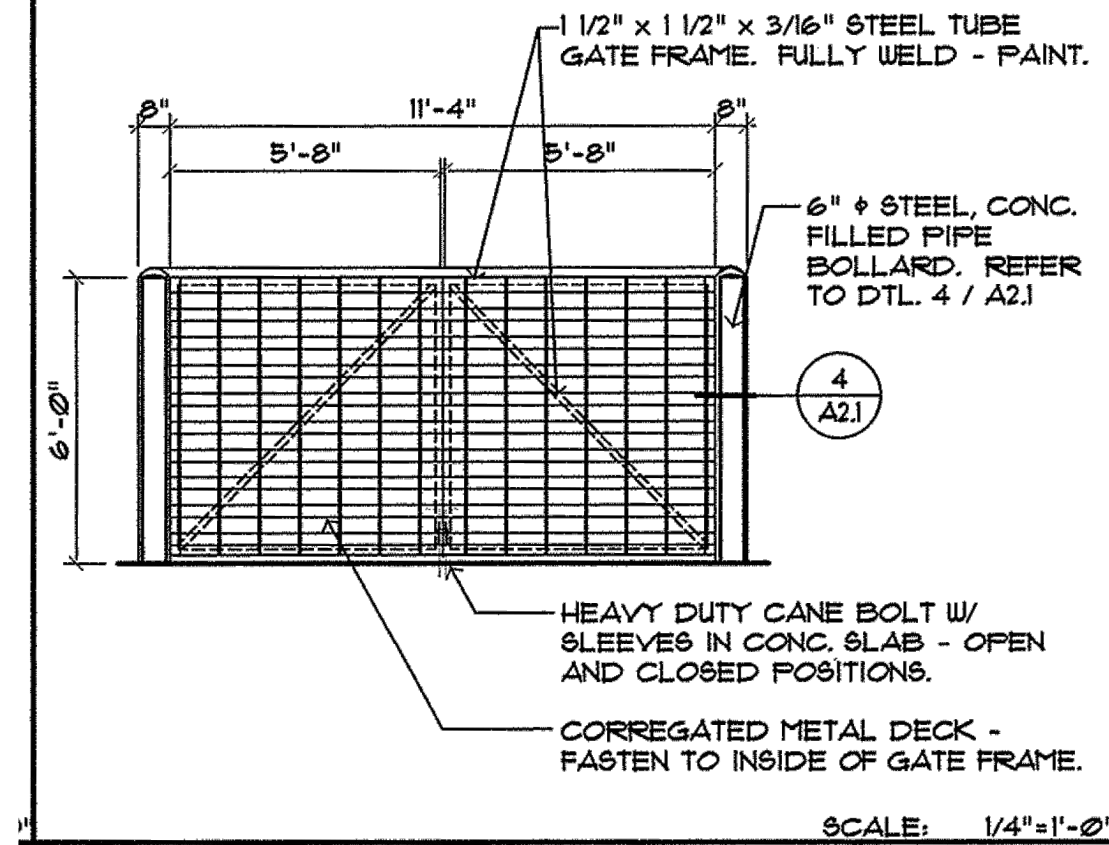
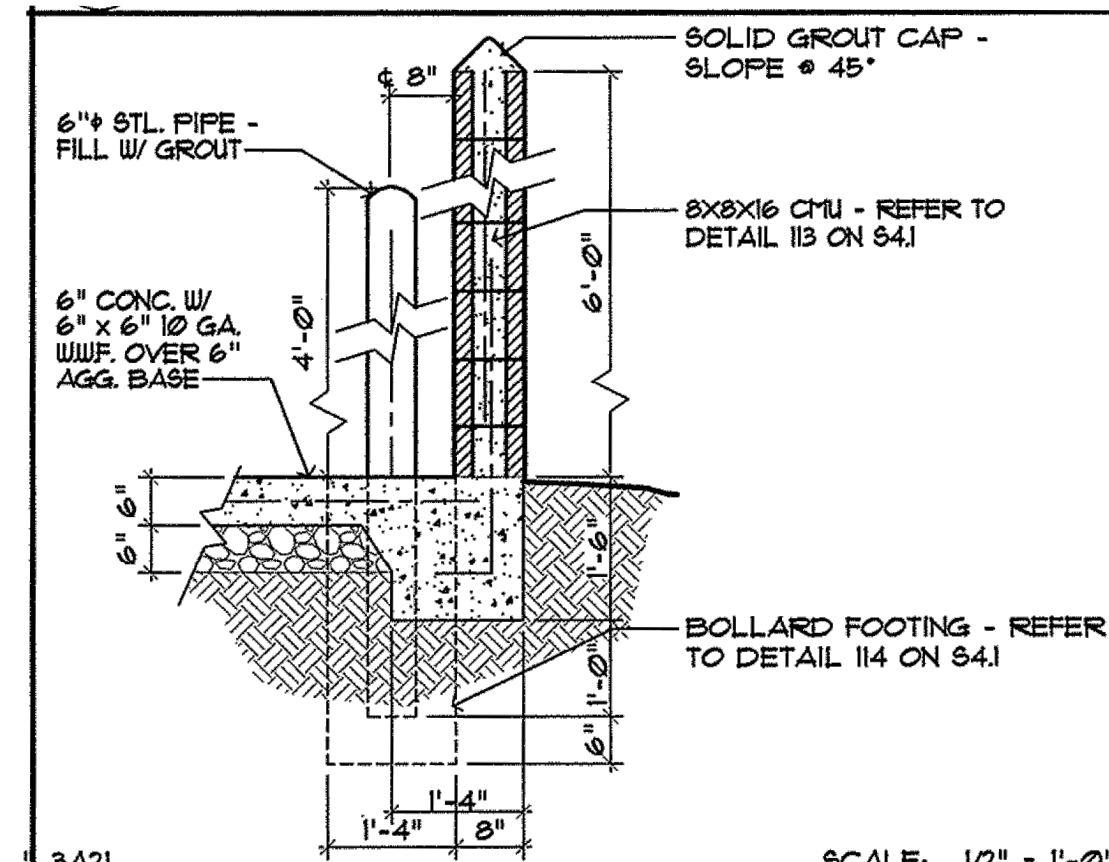


DISCOUNT TIRE MNM 16 SITE PLAN 21721 DIAMOND LAKE ROAD S ROGERS, MN 55374 GRADING PLAN		Kimley»Horn © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 6200 S SYRACUSE WAY, SUITE 300 GREENWOOD VILLAGE, CO 80111		NO.	REVISION	BY	DATE	APPR
		DESIGNED BY: MJ DRAWN BY: MJ CHECKED BY: BC DATE: 9/24/2024						
		PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION						
		Kimley»Horn Kimley-Horn and Associates, Inc.						
		PROJECT NO. 096010032						
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- TREE PROTECTION FENCING**
- PRIOR TO THE ERECTION OF ANY TREE PROTECTION FENCING, ALL FOREIGN SURFACE MATERIAL, TRASH OR DEBRIS SHALL BE REMOVED FROM THE AREA TO BE ENCLOSED BY THE FENCING. AFTER ERECTION OF THE FENCING NO SUCH MATERIAL OR LITTER SHALL BE PERMITTED TO REMAIN WITHIN THE PROTECTED AREA.
 - TREE PROTECTION FENCING SHALL BE PLACED AROUND ALL PROTECTED TREES TO CREATE A PROTECTIVE ROOT ZONE AND SHALL REMAIN IN PLACE UNTIL SITE CLEARING, LAND ALTERATION, AND CONSTRUCTION ACTIVITIES ARE COMPLETE.
 - NATIVE GROUND COVER AND UNDERSTORY VEGETATION EXISTING WITHIN THE PROTECTED AREA SHALL REMAIN THROUGHOUT CONSTRUCTION. OTHER DESIGNATED VEGETATION AND INVASIVE PLANT SPECIES SHALL BE REMOVED ONLY BY MANUAL LABOR UTILIZING HAND TOOLS, OR BY OTHER METHODS APPROVED BY THE PROJECT ARBORIST.
 - TREE PROTECTION FENCING TYPES AND LOCATIONS SHALL BE ERECTED AS SHOWN ON THE DRAWINGS, OR AS REQUIRED BY LOCAL JURISDICTIONAL AUTHORITY.
 - FINAL LOCATIONS SHALL BE COORDINATED WITH AND APPROVED BY THE PROJECT ARBORIST.
 - NO MATERIALS, EQUIPMENT, SPOIL, WASTE OR WASHOUT WATER MAY BE DEPOSITED, STORED, OR PARKED WITHIN (20) FEET OF THE TREE PROTECTION ZONE.
 - EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS, AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED AS NECESSARY TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
 - CONSTRUCTION ACTIVITY SHALL NOT DESTROY OR IRREVERSIBLY HARM THE ROOT SYSTEM OF PROTECTED TREES. POST HOLES AND TRENCHES LOCATED CLOSE TO PROTECTED TREES SHALL BE ADJUSTED TO AVOID DAMAGE TO MAJOR ROOTS.
 - DO NOT INSTALL CONDUIT, DRAIN OR IRRIGATION LINES, OR ANY UTILITY LINE WITHIN THE TREE PROTECTION ZONE WITHOUT THE APPROVAL OF THE PROJECT ARBORIST. IF LINES MUST TRAVERSE THE PROTECTION AREA, THEY SHALL BE TUNNELED OR BORED UNDER THE TREE.
 - CONTRACTOR'S ACCESS TO FENCED TREE PROTECTION AREAS WILL BE PERMITTED ONLY WITH APPROVAL OF THE PROJECT ARBORIST.
 - EXCAVATION OR GRADING REQUIRED WITHIN THE PROTECTED AREA SHALL BE LIMITED TO (3) INCHES OF CUT OR FILL. COORDINATE WITH PROJECT ARBORIST.
 - STRUCTURES AND UNDERGROUND FEATURES TO BE REMOVED WITHIN THE TREE PROTECTION ZONE SHALL BE COORDINATED WITH THE PROJECT ARBORIST.
 - TREE PROTECTION FENCING AROUND TREES TO BE RELOCATED SHALL BE ERECTED UNTIL THE TREE IS READY TO BE RELOCATED AND NEW FENCING SHALL BE ERECTED AT THE TREES NEW LOCATION AND WILL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETE.
 - IF ANY DAMAGE TO TREE PROTECTION FENCING SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIRS.
- IRRIGATION**
- EVERY EFFORT SHALL BE MADE TO WATER THE PRESERVED TREES AND TRANSPLANTS. CONTRACTOR SHALL IRRIGATE BY HAND OR BY TEMPORARY IRRIGATION.
 - IRRIGATE AS REQUIRED BY PROJECT ARBORIST UNTIL PERMANENT IRRIGATION IS INSTALLED AND OPERATING.
 - UNDERGROUND IRRIGATION SHALL NOT BE INSTALLED WITHIN THE DRIP LINES OF EXISTING TREES UNLESS ROOT PROTECTION MEASURES ARE PROVIDED AND APPROVED BY PROJECT ARBORIST.
- REPAIR OF DAMAGED TREES**
- IF DAMAGE TO ANY TREE SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE DURING THE CONSTRUCTION PERIOD, THE PROJECT ARBORIST SHALL APPRAISE THE DAMAGE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPAIR BY THE CONTRACTOR.
 - IF ANY TREE DESIGNATED TO BE SAVED IS DAMAGED BEYOND REPAIR OR REMOVED FROM THE SITE WITHOUT PERMISSION, THE PROJECT ARBORIST SHALL APPRAISE THE TREE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPLACEMENT BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPRAISED VALUE OF THE TREE, THE REPLACEMENT OF THE TREE, AND ANY FEES / PENALTIES THAT MAY BE ASSESSED TO THE OWNER BY THE LOCAL JURISDICTIONAL AUTHORITY.



THESE DETAILS ARE BEING SHOWN FOR REFERENCE ONLY. PLEASE REFER TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MORE DETAILS.

Kimley»Horn

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6200 S SYRACUSE WAY, SUITE 300
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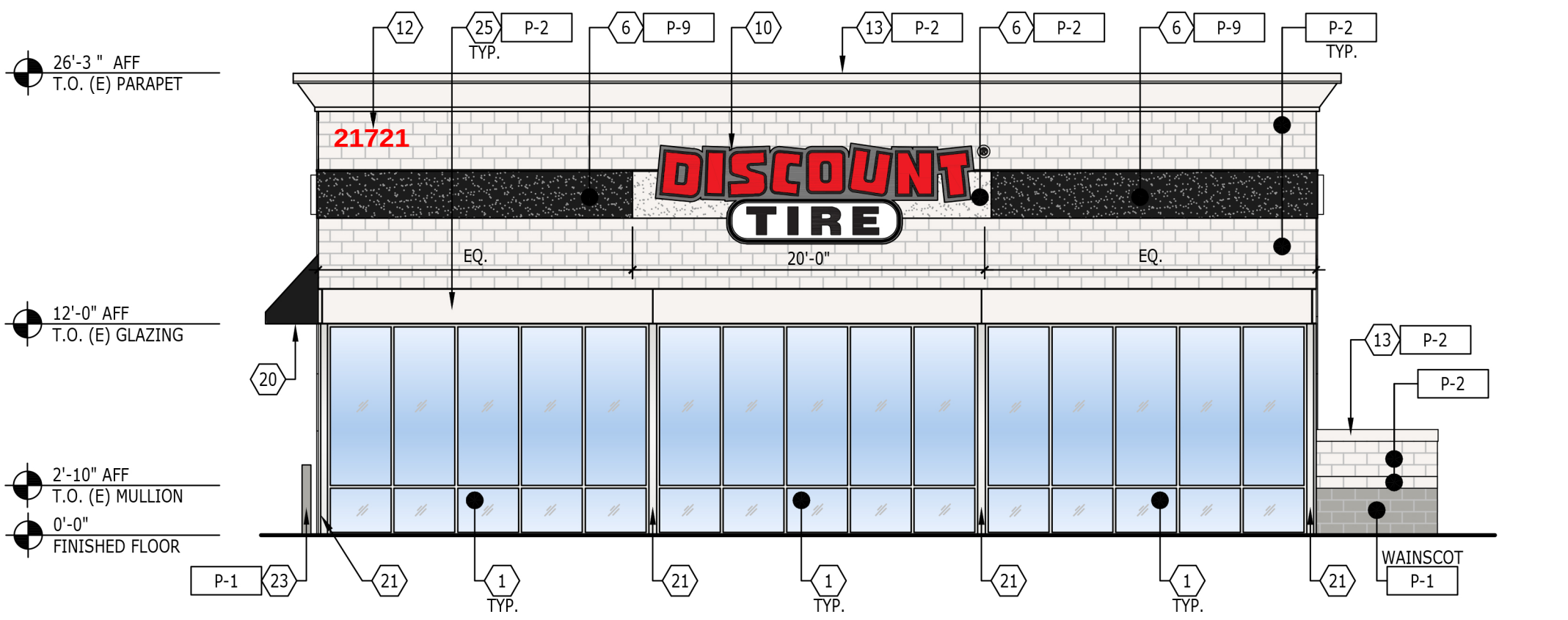
DESIGNED BY: MJ
DRAWN BY: MJ
CHECKED BY: BC
DATE: 9/24/2024

DISCOUNT TIRE MNM 16
SITE PLAN
21721 DIAMOND LAKE ROAD S
ROGERS, MN 55374
DETAIL SHEET

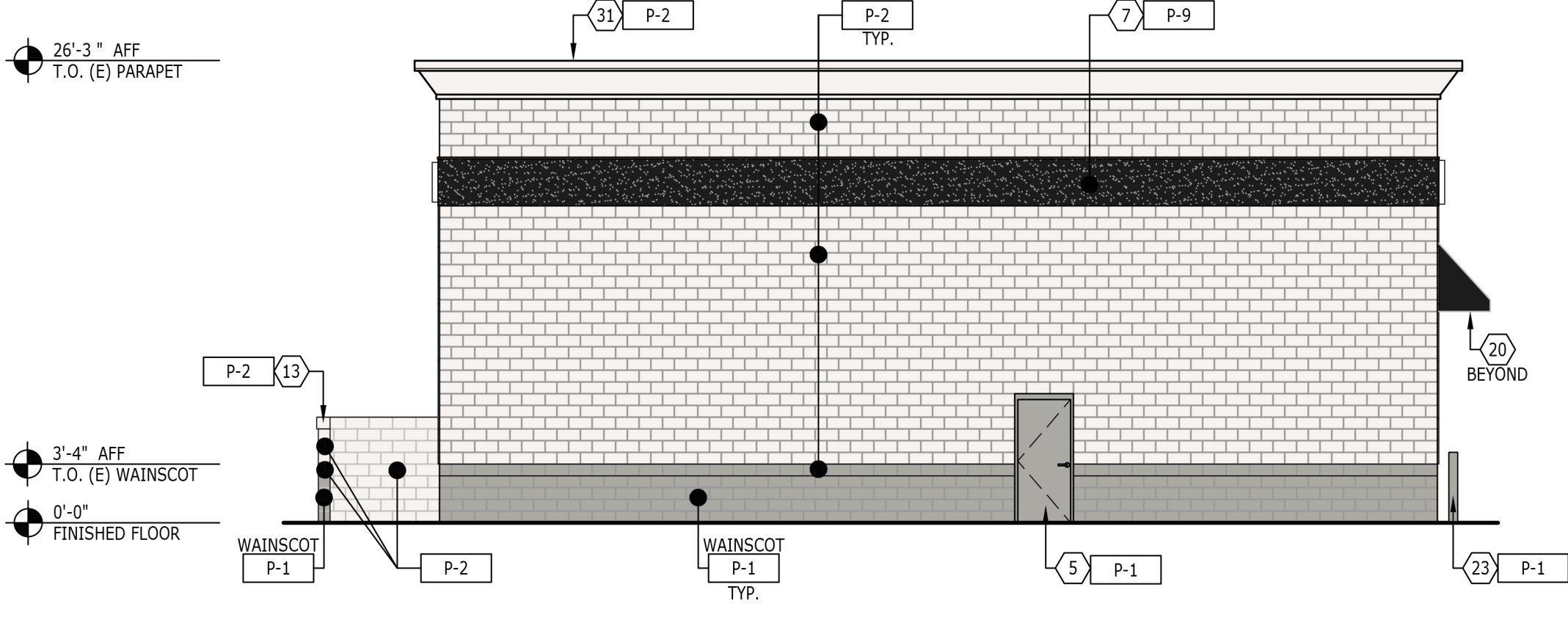
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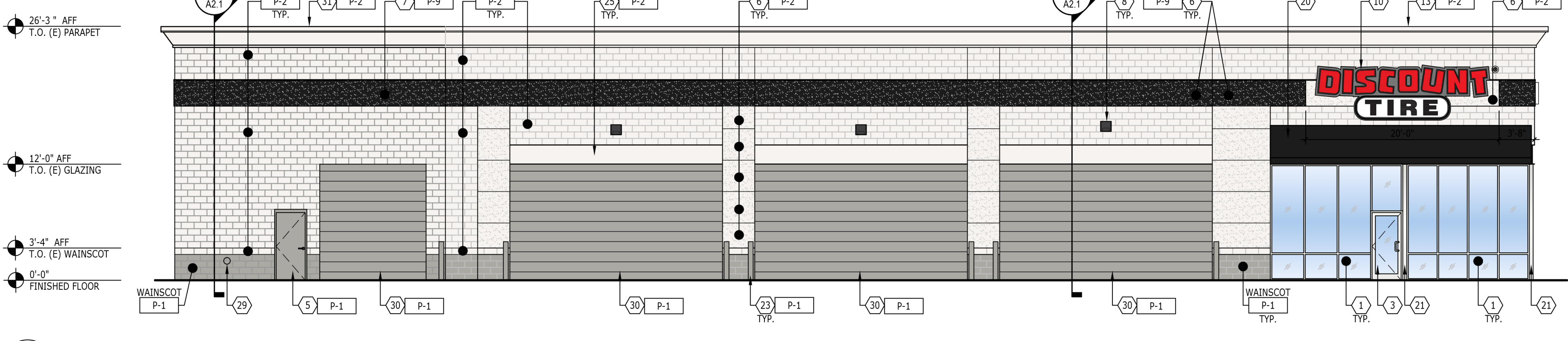
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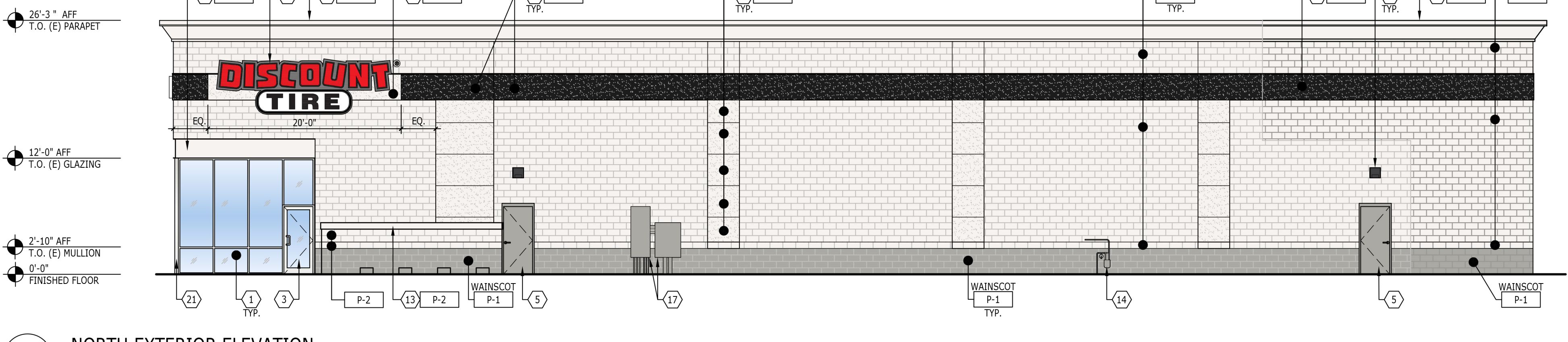
5 EAST EXTERIOR ELEVATION
1/8" = 1'-0"



4 WEST EXTERIOR ELEVATION
1/8" = 1'-0"



3 SOUTH EXTERIOR ELEVATION
1/8" = 1'-0"

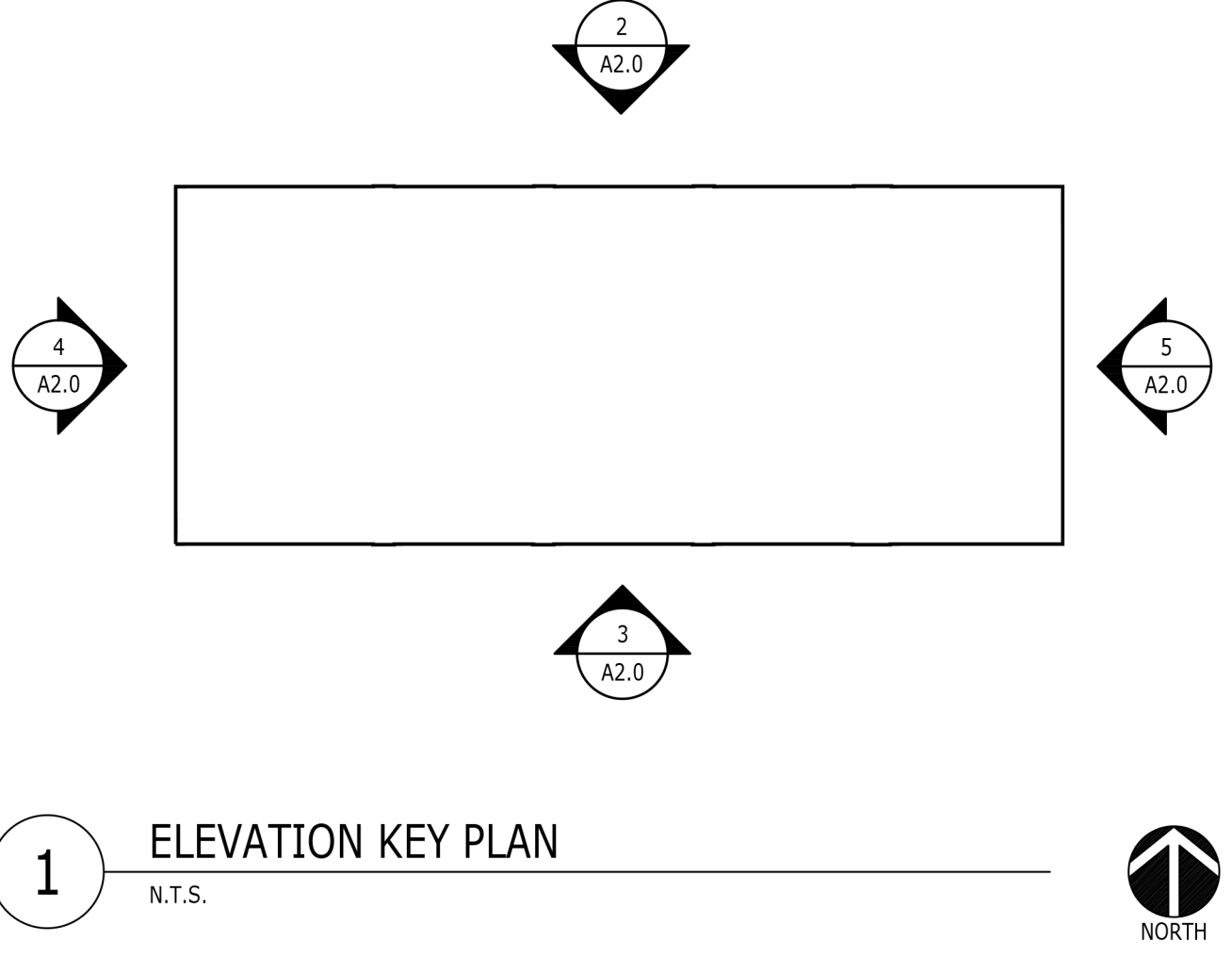


2 NORTH EXTERIOR ELEVATION
1/8" = 1'-0"

EXTERIOR FINISH SCHEDULE							
	CODE	MATERIAL	MANUFACTURER	PRODUCT / COLOR	LOCATION	REMARKS	CONTACT
	CLAD-1	ACM	3A COMPOSITES	ALUCOBOND PLUS, MATTE BONE WHITE	EXTERIOR - FRAME		LES TRAEGER / 740-834-2018 LES.TRAEGER@3ACOMPOSITES.COM
	CLAD-1A	ACM	3A COMPOSITES	ALUCOBOND PLUS, MATTE OYSTER (ALTERNATE)	EXTERIOR - FRAME		LES TRAEGER / 740-834-2018 LES.TRAEGER@3ACOMPOSITES.COM
	CLAD-2	ACM	3A COMPOSITES	ALUCOBOND PLUS, MATTE PATRIOT-RED	EXTERIOR - FRAME		LES TRAEGER / 740-834-2018 LES.TRAEGER@3ACOMPOSITES.COM
	CLAD-3	ACM	3A COMPOSITES	ALUCOBOND PLUS, MATTE BRUSHED STAINLESS	EXTERIOR - CANOPY		LES TRAEGER / 740-834-2018 LES.TRAEGER@3ACOMPOSITES.COM
	CLAD-4	CORRUGATED METAL	ATLAS INTERNATIONAL	CORRUGATED PANEL, 0.40 ALUMINUM, BLACK (02)	EXTERIOR		EDWARD WEBB / 484-221-6377 EWEBB@ATLAS.COM
	P-1	PAINT	SHERWIN WILLIAMS	PAINT / SW 7650 ELLIE GRAY; EMERALD EXTERIOR ACRYLIC LATEX; SEMI GLOSS.	EXTERIOR	PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.	ANGIE JULIAN / 317-714-5610
	P-2	PAINT	SHERWIN WILLIAMS	PAINT / SW 7104 COTTON WHITE; EMERALD EXTERIOR ACRYLIC LATEX; SEMI GLOSS.	EXTERIOR	PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.	ANGIE JULIAN / 317-714-5610
	P-2A	PAINT	SHERWIN WILLIAMS	PAINT / SW 7598 NEUTRAL GROUND (LVR 70); EMERALD EXTERIOR ACRYLIC LATEX; SEMI GLOSS. (ALTERNATE)	EXTERIOR	PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.	ANGIE JULIAN / 317-714-5610
	P-9	PAINT	SHERWIN WILLIAMS	PAINT / SW 6258 TRICORN BLACK; EMERALD EXTERIOR ACRYLIC LATEX; SEMI GLOSS.	EXTERIOR	PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.	ANGIE JULIAN / 317-714-5610
	P-9A	PAINT	SHERWIN WILLIAMS	PAINT / SW 7069 IRON ORE; EMERALD EXTERIOR ACRYLIC LATEX; SEMI GLOSS. (ALTERNATE)	EXTERIOR	PREPARE ALL SURFACES AS REQUIRED PER PAINT SPECS.	ANGIE JULIAN / 317-714-5610
	TRIM-1	METAL CAP	ATLAS INTERNATIONAL	METAL PARAPET CAP, MATCH SW 7104 COTTON WHITE, OR ALTERNATE COLOR OF MASONRY BELOW.	EXTERIOR - PARAPET CAP		EDWARD WEBB / 484-221-6377 EWEBB@ATLAS.COM
	TRIM-2	CORRUGATED METAL TRIM	ATLAS INTERNATIONAL	ELITE TRIM SERIES, BLACK (02)	EXTERIOR	PRE-FINISHED METAL TRIM, PART OF CLAD-1 PANEL SYSTEM	EDWARD WEBB / 484-221-6377 EWEBB@ATLAS.COM
	TRIM-3	METAL CAP	ATLAS INTERNATIONAL	METAL PARAPET CAP, BLACK (02)	EXTERIOR - PARAPET CAP		EDWARD WEBB / 484-221-6377 EWEBB@ATLAS.COM
	TRIM-4	METAL TRIM	LONGBOARD PRODUCTS	8" LINK & LOCK SERIES, SLATE GREY	EXTERIOR - WALL TRIM	COLOR MAY BE MODIFIED AS NEEDED PER JURISDICTION	SHAYNE LINGER / 800-904-8343 SLINGER@LONGBOARDPRODUCTS.COM

NOTE: ALL SURFACES SHALL BE PREPARED FOR NEW PAINT FINISHES AS REQUIRED PER PAINT MANUFACTURER'S RECOMMENDATIONS.

- SHEET NOTES**
- EXISTING STOREFRONT GLAZING SYSTEM. GC TO CLEAN AND/OR REPAIR AS REQUIRED TO BRING TO "LIKE NEW" CONDITION.
 - STOREFRONT GLAZING SYSTEM. REFER TO SHEET A1-06.
 - STOREFRONT ENTRY DOOR. REFER TO SHEET A1-0 & A1-0C.
 - EXISTING EXTERIOR DOOR. PAINT DOOR AND FRAME AS INDICATED.
 - EXTERIOR DOOR, PAINT DOOR AND FRAME AS INDICATED.
 - EXISTING EIFS FINISH. PATCH / REPAIR AS REQUIRED, COLOR AS INDICATED.
 - INSTALL NEW EIFS, MATCHING ADJACENT EXISTING, AS REQUIRED, COLOR AS INDICATED.
 - EXISTING WALL MOUNTED LIGHT FIXTURE.
 - WALL MOUNTED LIGHT FIXTURE. REFER TO ROP AND ELECTRICAL DRAWINGS.
 - WALL MOUNTED ILLUMINATED SIGNAGE. GC TO SCHEDULE AND COORDINATE INSTALLATION. ALL SIGNAGE REQUIRED DOCUMENTATION IS TO BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION VIA DEFERRED SUBMITTAL OR SEPARATE COVER, AS REQUIRED.
 - ADDRESS LETTERS. REFER TO SIGNAGE PACKAGE. SUBMITTED VIA DEFERRED SUBMITTAL OR SEPARATE COVER. GC TO COORDINATE SCHEDULE & INSTALL.
 - EXISTING ADDRESS LETTERS.
 - EXISTING MOLDING / COPING. PAINT AS INDICATED.
 - EXISTING GAS METER.
 - GAS METER. REFER TO PLUMBING DRAWINGS.
 - EXISTING SCUPPER AND DOWNSPOUT.
 - EXISTING ELECTRIC METER / EQUIPMENT.
 - ELECTRIC METER / EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.
 - ALUMINUM COMPOSITE CANOPY. REFER TO SECTIONS & DETAILS.
 - EXISTING AWNING TO REMAIN.
 - EXISTING BASE BUILDING COLUMN.
 - EXISTING BASE BUILDING COLUMN. WRAPPED TO MATCH ADJACENT STOREFRONT FINISH. REFER TO DETAILS.
 - EXISTING BOLLARD. PAINT AS INDICATED.
 - EXISTING TRASH ENCLOSURE. PAINT AS INDICATED.
 - EXPOSED BASE BUILDING STEEL LINTEL. PAINT AS INDICATED.
 - EXPOSED BASE BUILDING STEEL LINTEL W/ BREAK METAL COVERING. REFER TO SECTIONS AND DETAILS.
 - PAINT LINE.
 - METAL TRIM.
 - NEW DOWNSPOUT NOZZLE FOR STORM OVERFLOW. SEE ROOF PLAN SHEET A1.2 FOR DETAILS. COORDINATE WITH PLUMBING DRAWINGS.
 - NEW EXTERIOR OVERHEAD DOOR. FACTORY FINISH. FINISH TO MATCH P-1.
 - NEW MOLDING / COPING. PAINT AS INDICATED.



1 ELEVATION KEY PLAN
N.T.S.

Design Forum Architects Inc.

2056 BYERS RD
Miamisburg, OH 45342
Tel: (844) 804-7700

Donald J. Rehrman
Architect In Charge
License: 26347

DISCOUNT TIRE

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No.	Description	Date

PROJECT NUMBER	DT10341
DATE	07/30/2024
DRAWN BY	LI / KH
CHECKED BY	JMD / DJR

SHEET NAME	EXTERIOR ELEVATIONS
SHEET #	A2.0

GENERAL NOTES

- SUPPLY HANDICAPPED SIGNS AT ENTRANCES / EXITS INCLUDING RESTROOMS, PER ADA REQUIREMENTS. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. REFER TO SHEET G0.4 FOR APPLICABLE ACCESSIBILITY COMPLIANCE STANDARDS.
- DOOR 101 AND 102 SHALL BE PROVIDED WITH A READILY VISIBLE, DURABLE SIGN ON OR ADJACENT TO THE DOOR STATING THE FOLLOWING, "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". THE SIGN SHALL BE IN LETTERS NOT LESS THAN ONE INCH (1") HIGH ON A CONTRASTING BACKGROUND.
- ALL INTERIOR AND EXTERIOR HOLLOW METAL FRAMES SHALL BE 16 GA. COLD ROLLED, KNOCK DOWN.
- ALL DOOR HARDWARE TO BE LEVER STYLE, OPERABLE WITH ONE HAND AND NOT REQUIRING TIGHT PINCHING OR GRASPING PER APPLICABLY ADOPTED ACCESSIBILITY CODE.
- ALL DOORS TO BE OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- THE OPENING FORCE FOR ALL INTERIOR DOORS SHALL NOT EXCEED 5 LBS. FOR DOORS WITH CLOSERS, THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES THE DOOR WILL TAKE AT LEAST 5 SECONDS TO MOVE TO A POINT 12 DEGREES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
- DOOR HANDLES, LATCHES, PULLS, AND ALL OTHER OPERATING DEVICES SHALL BE INSTALLED NO LOWER THAN 34" A.F.F. AND NO HIGHER THAN 48" A.F.F.
- ENSURE ALL DOOR REQUIREMENTS ARE MET.
- THE MAXIMUM THRESHOLD DIMENSION SHALL NOT EXCEED ONE HALF INCH WITH A 1:2 BEVELED EDGE.

SHEET NOTES

- EXISTING STOREFRONT GLAZING.
- CLEAR ANODIZED ALUMINUM STOREFRONT W/ 1" INSULATED GLAZING. REFER TO GLAZING ELEVATIONS ON A1.0A.
- NEW EXTERIOR WALL CONSTRUCTION. REFER TO EXTERIOR ELEVATIONS, WALL SECTIONS, DETAILS, AND STRUCTURAL DRAWINGS.
- WATER CLOSET.
- EXISTING HANDICAP ACCESSIBLE WATER CLOSET.
- WALL MOUNTED URINAL. REFER TO PLUMBING DRAWINGS.
- EXISTING WALL MOUNTED URINAL.
- HANDICAP ACCESSIBLE GRAB BAR.
- EXISTING HANDICAP ACCESSIBLE GRAB BAR.
- REFER TO ENLARGED RESTROOM PLAN AND INTERIOR ELEVATIONS FOR RESTROOM ACCESSORIES.
- EXISTING GAS METER.
- EXISTING ELECTRICAL METER / SWITCH GEAR.
- EXISTING BASE BUILDING COLUMN.
- NEW DRINKING FOUNTAIN. PROVIDE H/L/W FIXTURE AND INSTALL FOR ACCESSIBILITY COMPLIANCE. LOW FIXTURE TO HAVE BOTTLE FILLER. H/L FIXTURE TO HAVE CANE DETECTION APRON.
- EXISTING DRINKING FOUNTAIN, REPAIR AS REQUIRED. GC TO INSTALL CANE DETECTION APRON AT HIGH FOUNTAIN.
- WALL MOUNTED LAVATORY & VANITY.
- WALL MOUNTED LAVATORY.
- EXISTING WALL MOUNTED LAVATORY.
- FOR ALL INTERIOR, SLAB-ON-GRADE FLOORS, WHETHER TO RECEIVE THIN-SET TILE APPLICATION, OR POLISHED FLOOR FINISH SHALL MEET FF40 FLATNESS AND FL30 LEVEL CRITERIA. THIS REQUIREMENT INCLUDES THE RESTROOMS. RESTROOM FLOOR DRAINS, AS APPLICABLE, SHALL BE LEVEL AND AT SAME HEIGHT AS TILE.
- EXISTING ELECTRICAL PANELS TO REMAIN.
- RELOCATED ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS.
- ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS.
- WALL MOUNTED FIRE EXTINGUISHER. CONFIRM LOCATION AND TYPE WITH FIRE MARSHALL.
- RELOCATED FIRE EXTINGUISHER.
- EXISTING FIRE EXTINGUISHER.
- EXISTING SERVICE SINK.
- RELOCATED SERVICE SINK. REFER TO PLUMBING DRAWINGS.
- SERVICE SINK. REFER TO PLUMBING DRAWINGS.
- ALIGN WITH FACE OF EXISTING CONSTRUCTION.
- MOP SINK. REFER TO PLUMBING DRAWINGS.
- RELOCATED MOP SINK. REFER TO PLUMBING DRAWINGS.
- EXISTING MOP SINK.
- EXISTING WATER HEATER.
- WATER HEATER. REFER TO PLUMBING DRAWINGS.
- ADJUST AND REPAIR EXISTING DOOR AS REQUIRED TO RESTORE OPERATION TO LIKE NEW CONDITION. TYPICAL OF ALL EXISTING DOORS.
- CLEAR ANODIZED ALUMINUM WINDOW WALL W/ 1" INSULATED GLAZING. REFER TO GLAZING ELEVATIONS ON A1.0A.
- MANUAL SLIDING WINDOW. REFER TO GLAZING ELEVATIONS ON A1.0A.
- ALUMINUM COMPOSITE CANOPY, ABOVE. REFER TO REFLECTED CEILING PLAN.
- ACCESSIBLE RESTROOM SIGNAGE. REFER TO SHEET I2.0.
- EXISTING FLOOR DRAIN.
- FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- EXISTING OVERHEAD SERVICE DOOR.
- SERVICE AREA IS NOT INCLUDED WITHIN SCOPE OF WORK.
- PROVIDE 2" FIRE-GLASS UNFACED SOUND CONTROL BATT INSULATION AT ALL NEW RESTROOM PARTITIONS. AND EXISTING PARTITIONS REQUIRING SUBSTRATE BE REMOVED / REPLACED FOR NEW FINISHES AS DETERMINED BY GC. ASTM C665, TYPE 1, GLASS 8 W/ FIRE HAZARD CLASSIFICATION OF 25-50 OR LESS WHEN TESTED VIA ASTM E-64. MINIMUM NRFC RATING OF 1-2.
- NEW OVERHEAD SERVICE DOOR.
- EXISTING OUTDOOR CONDENSING UNIT.
- SERVICE AREA NOT INCLUDED WITHIN SCOPE OF WORK, EXCEPT WHERE INDICATED.
- EXISTING AWNING TO REMAIN.

CONSTRUCTION PLAN LEGEND

- NEW EXTERIOR PARTITION
- NEW INTERIOR PARTITION
- EXISTING PARTITION
- EXISTING MASONRY PARTITION

INTERIOR PARTITION LEGEND

- INTERIOR PARTITION WALL
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Print Name: DONALD J. RETHMAN

Signature: *Donald J. Rethman*

Date: 08/06/2024 License #: 26347

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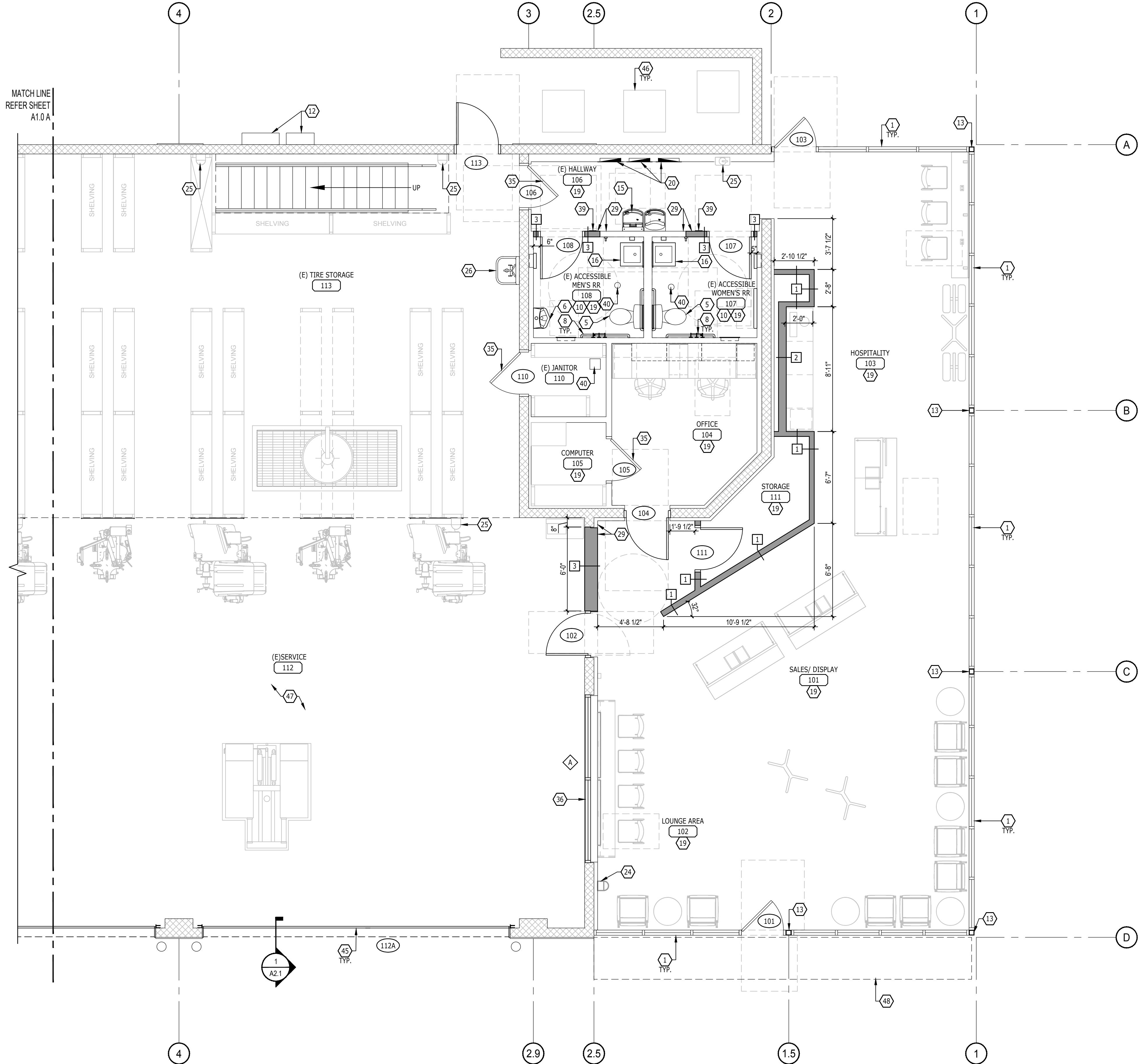
No.	Description	Date

PROJECT NUMBER	DT10341
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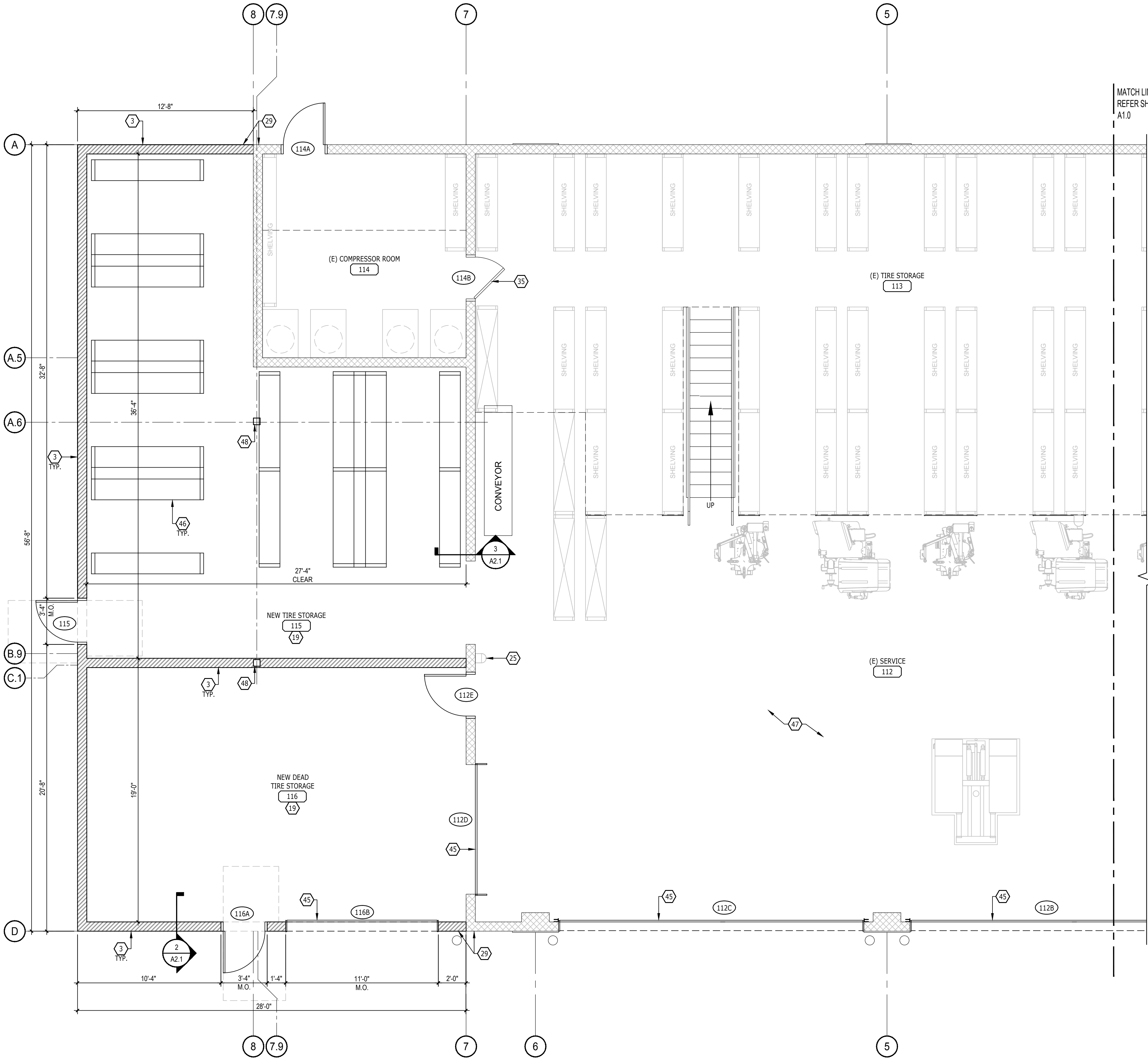
SHEET NAME	CONSTRUCTION FLOOR PLAN
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SHEET #

A1.0



1 CONSTRUCTION FLOOR PLAN
1/4" = 1'-0"



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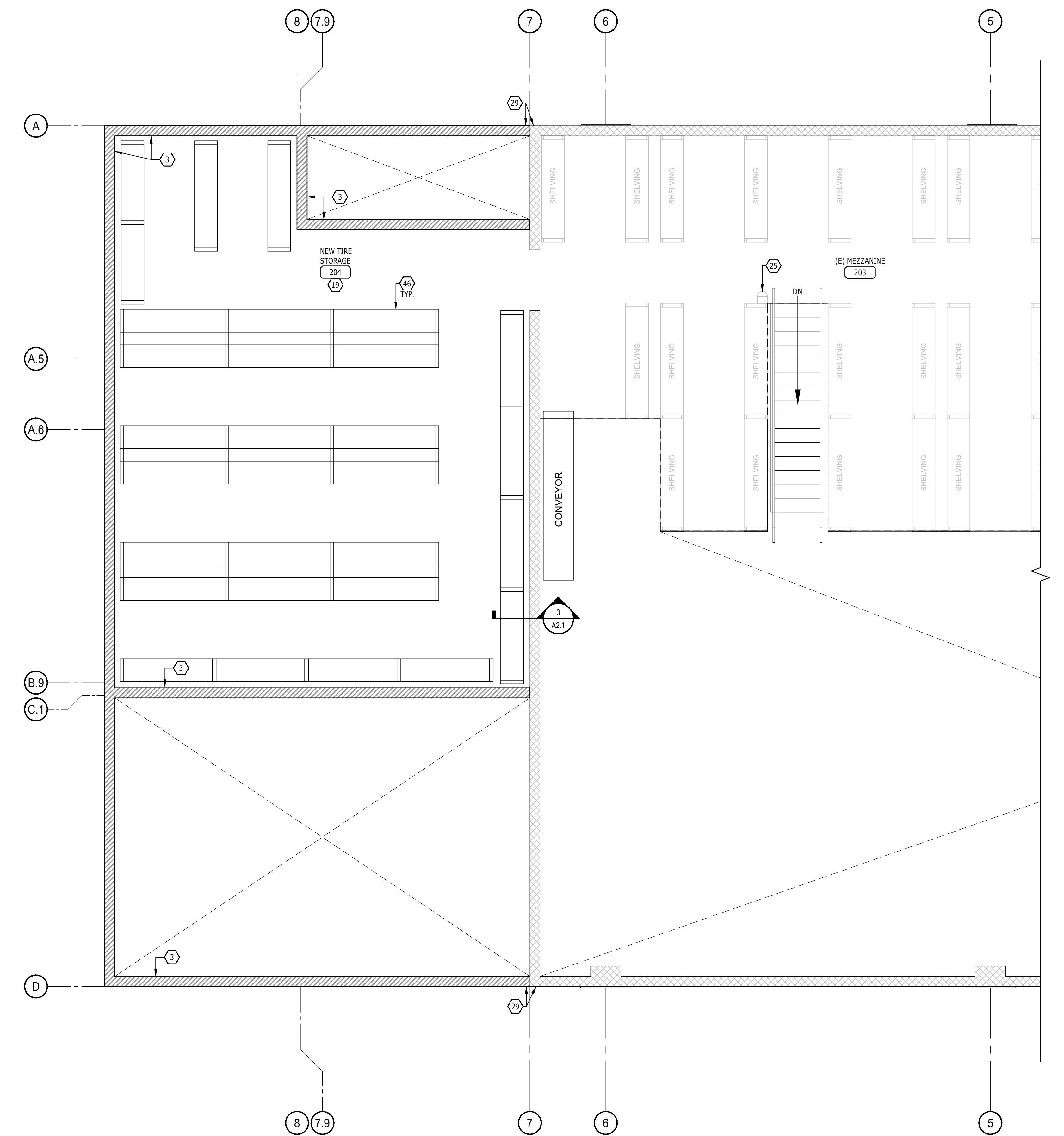
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No.	Description	Date

PROJECT NUMBER	DT10341
DATE	07/30/2024
DRAWN BY	LI / KH
CHECKED BY	JMD / DJR

SHEET NAME	CONSTRUCTION FLOOR PLAN
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SHEET #	A1.0A
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1 PARTIAL MEZZANINE FLOOR PLAN
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No.	Description	Date

PROJECT NUMBER	DT10341
DATE	07/30/2024
DRAWN BY	LI / KH
CHECKED BY	JMD / DJR

SHEET NAME	PARTIAL MEZZANINE FLOOR PLAN
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SHEET #	A1.0B
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STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 7.1

Subject: Resolution No. 2024-114, A Resolution Awarding the Sale of General Obligation Sales Tax Revenue Bonds, Series 2024B, in the Original Aggregate Principal Amount of \$16,275,000; Fixing their Form and Specifications; Directing their Execution and Delivery; and Providing for their Payment

Prepared By: Bridget Bruska, Finance Director

Overview / Background / Analysis

On September 24, 2024, the City Council authorized a resolution giving preliminary approval for the sale of General Obligation (G.O.) Sales Tax Revenue Bonds, Series 2024B. The 2024B G.O. Sales Tax Revenue Bonds are being issued to finance Local Option Sales Tax (LOST) projects, including the Multi-Purpose Turf Facility and South Community Park.

The City's Municipal Advisors, Ehlers, along with Bond Counsel, Kennedy & Graven, prepared an offering document to solicit proposals for the issuance of the bonds. The proposals will be received and reviewed by Ehlers, and the proposal with the lowest true interest cost to the City will be recommended to the City Council for consideration on November 12, 2024.

The 2024B G.O. Sales Tax Revenue Bonds will be dated the date of closing, November 26, 2024. Interest payments will be due on February 1st and August 1st with annual principal payments also due on February 1st of each year. The bonds will be callable on February 1, 2034, and any date thereafter until maturity in 2040.

Ehlers will not receive the bids for the 2024B G.O. Sales Tax Revenue Bonds until November 12, 2024; therefore, final sale information will be unavailable until the day of the Council Meeting. The amount of the bond may change depending on how the bids come in. In addition, Kennedy & Graven will prepare a final resolution with the sale results prior to the Council Meeting.

Jason Aarsvold from Ehlers will be in attendance at the meeting to present final bond sale information.

Staff Recommendation

Motion to Approve Resolution No. 2024-114, A Resolution Awarding the Sale of General Obligation Sales Tax Revenue Bonds, Series 2024B, in the Original Aggregate Principal Amount of \$16,275,000; Fixing their Form and Specifications; Directing their Execution and Delivery; and Providing for their Payment

Financial Impact: \$16,275,000

Source Fund: Fund 410 Local Option
Sales Tax

Budgeted? N/A

Supporting Documentation

- A. Extract of Minutes and Sample Resolution No. 2024-114
- B. S&P Global Rating Report

Extract of Minutes of Meeting
of the City Council of the City of
Rogers, Hennepin County, Minnesota

HELD: November 12, 2024

Pursuant to due call and notice thereof, a regular meeting of the City Council of the City of Rogers, Minnesota, was duly called and held at the City Hall in said City on the 12th day of November, 2024, at 7:00 o'clock P.M.

The following members were present:

and the following were absent:

* * *

* * *

* * *

The Mayor announced that the next order of business was consideration of the proposals which had been received for the purchase of the City's General Obligation Sales Tax Revenue Bonds, Series 2024B.

The City Finance Director presented a tabulation of the proposals that had been received in the manner specified in the Terms of Proposal for the Bonds. The proposals were as set forth in **Exhibit A** attached.

After due consideration of the proposals, Member _____ then introduced the following resolution and moved its adoption:

RESOLUTION NO. 2024-114

RESOLUTION AWARDING THE SALE OF
GENERAL OBLIGATION SALES TAX REVENUE BONDS, SERIES 2024B IN THE
ORIGINAL AGGREGATE PRINCIPAL AMOUNT OF \$16,275,000; FIXING
THEIR FORM AND SPECIFICATIONS; DIRECTING THEIR EXECUTION
AND DELIVERY; AND PROVIDING FOR THEIR PAYMENT

BE IT RESOLVED By the City Council of the City of Rogers, Hennepin County, Minnesota (the “City”), in regular meeting assembled as follows:

Section 1. Findings, Determinations; Sale of Bonds.

1.01 It is hereby determined that:

(a) pursuant to Minnesota Statutes, Chapter 475 and Minnesota Laws 2019, First Special Session, Chapter 6, Article 6, Section 26, as amended by Minnesota Laws 2023, Chapter 64, Article 10, Section 16 (the “Special Law” and, together with Chapter 475, the “Act”), and pursuant to a referendum question duly approved by the electorate of the City on November 6, 2018, the City has been authorized to impose certain sales and use taxes (collectively, the “Sales Taxes”) and to issue its general obligation bonds for various purposes, as specified in the Special Law; and

(b) the Council and the City have complied with Minnesota Statutes, Section 645.021, Subdivision 3, in approving the Special Law;

(c) it is necessary and expedient to the sound financial management of the affairs of the City to issue General Obligation Sales Tax Revenue Bonds, Series 2024B (the “Bonds”), in an aggregate principal amount of \$16,275,000, to provide financing for the purposes specified in the Special Law, including without limitation, (i) trail and pedestrian facilities including the 1-94 pedestrian crossing, a County Road 144 pedestrian tunnel, and other new trails and trail connections; (ii) aquatics facilities consisting of either or both a splash pad and any contribution toward the community portion of a school pool; and (iii) community athletic facilities including construction of South Community Park, site improvements for future recreation facilities, and a multipurpose indoor turf facility in the City as more specifically described in the Special Law (the “Project”); and

(d) the City is authorized by Minnesota Statutes, Section 475.60, subdivision 2(9) to negotiate the sale of the Bonds, it being determined that the City has retained an independent municipal advisor in connection with such sale. The actions of the City staff and the City’s municipal advisor in negotiating the sale of the Bonds are ratified and confirmed in all aspects.

1.02. Award to the Purchaser and Interest Rates. The proposal of _____, _____ (the “Purchaser”) to purchase the Bonds of the City described in the Official Notice of Sale thereof is hereby found and determined to be a reasonable offer and is hereby accepted, the proposal being to purchase the Bonds at a price of \$ _____ (the par amount of

\$16,275,000.00, plus a [net] premium of \$_____, less underwriter's discount of \$_____), for Bonds bearing interest as follows:

<u>Year</u>	<u>Interest Rate</u>	<u>Year</u>	<u>Interest Rate</u>
2026	%	2034	%
2027		2035	
2028		2036	
2029		2037	
2030		2038	
2031		2039	
2032		2040	
2033			

1.03. Purchase Contract. Any amount paid by the Purchaser over the minimum purchase price shall be credited to the Debt Service Fund hereinafter created, or deposited in the Construction Fund hereinafter created, as determined by the City Finance Director after consultation with the City's municipal advisor. The City Finance Director is directed to retain the good faith check of the Purchaser pending completion of the sale of the Bonds. The Mayor and City Administrator are authorized to execute a contract with the Purchaser on behalf of the City, if requested by the Purchaser.

1.04. Terms and Principal Amount of Bonds. The City will forthwith issue and sell the Bonds pursuant to the Act, in the total principal amount of \$16,275,000, originally dated as of the date of delivery, in fully registered form, in denominations of \$5,000 each or any integral multiple thereof, numbered No. R-1 and upward, bearing interest as above set forth, and maturing serially on February 1 in the years and amounts as follows:

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
2026	\$775,000	2034	\$1,110,000
2027	900,000	2035	1,150,000
2028	925,000	2036	1,185,000
2029	950,000	2037	1,225,000
2030	980,000	2038	1,270,000
2031	1,010,000	2039	1,315,000
2032	1,040,000	2040	1,365,000
2033	1,075,000		

As may be requested by the Purchaser, one or more term Bonds may be issued having mandatory sinking fund redemption and final maturity amounts conforming to the foregoing principal repayment schedule, and corresponding additions may be made to the provisions of the applicable Bond(s).

1.05. Optional Redemption. The City may elect on February 1, 2034, and on any day thereafter to prepay Bonds maturing on or after February 1, 2035. Redemption may be in whole or in part and if in part, at the option of the City and in such manner as the City will determine. If less than all Bonds of a maturity are called for redemption, the City will notify DTC (as defined in Section 7 hereof) of the particular amount of such maturity to be prepaid. DTC will determine by lot the

amount of each participant's interest in such maturity to be redeemed and each participant will then select by lot the beneficial ownership interests in such maturity to be redeemed. Prepayments will be at a price of par plus accrued interest.

Section 2. Registration and Payment.

2.01. Registered Form. The Bonds will be issued only in fully registered form. The interest thereon and, upon surrender of each Bond, the principal amount thereof, is payable by check or draft issued by the Registrar described herein.

2.02. Dates; Interest Payment Dates. Each Bond will be dated as of the last interest payment date preceding the date of authentication to which interest on the Bond has been paid or made available for payment, unless (i) the date of authentication is an interest payment date to which interest has been paid or made available for payment, in which case the Bond will be dated as of the date of authentication, or (ii) the date of authentication is prior to the first interest payment date, in which case the Bond will be dated as of the date of original issue. The interest on the Bonds is payable on February 1 and August 1 of each year, commencing August 1, 2025, to the registered owners thereof of record as of the close of business on the 15th day of the immediately preceding month, whether or not that day is a business day.

2.03. Registration. The City will appoint, and will maintain, a bond registrar, transfer agent, authenticating agent and paying agent (the "Registrar"). The effect of registration and the rights and duties of the City and the Registrar with respect thereto are as follows:

(a) Register. The Registrar will keep at its principal corporate trust office a bond register in which the Registrar provides for the registration of ownership of Bonds and the registration of transfers and exchanges of Bonds entitled to be registered, transferred, or exchanged.

(b) Transfer of Bonds. Upon surrender for transfer of a Bond duly endorsed by the registered owner thereof or accompanied by a written instrument of transfer, in form satisfactory to the Registrar, duly executed by the registered owner thereof or by an attorney duly authorized by the registered owner in writing, the Registrar will authenticate and deliver, in the name of the designated transferee or transferees, one or more new Bonds of a like aggregate principal amount and maturity, as requested by the transferor. The Registrar may, however, close the books for registration of any transfer after the 15th day of the month preceding each interest payment date and until that interest payment date.

(c) Exchange of Bonds. Whenever any Bonds are surrendered by the registered owner for exchange the Registrar will authenticate and deliver one or more new Bonds of a like aggregate principal amount and maturity as requested by the registered owner or the owner's attorney in writing.

(d) Cancellation. All Bonds surrendered upon any transfer or exchange will be promptly cancelled by the Registrar and thereafter disposed of as directed by the City.

(e) Improper or Unauthorized Transfer. When a Bond is presented to the Registrar for transfer, the Registrar may refuse to transfer such Bond until the Registrar is satisfied that the endorsement on the Bond or separate instrument of transfer is valid and genuine and that the requested transfer is legally authorized. The Registrar will incur no liability for the refusal, in good faith, to make transfers which it, in its judgment, deems improper or unauthorized.

(f) Persons Deemed Owners. The City and the Registrar may treat the person in whose name a Bond is at any time registered, as of the applicable record date, in the bond register as the absolute owner of such Bond, whether the Bond is overdue or not, for the purpose of receiving payment of, or on account of, the principal of and interest on the Bond and for all other purposes, and payments so made to a registered owner or upon the owner's order will be valid and effectual to satisfy and discharge the liability upon the Bond to the extent of the sum or sums so paid.

(g) Taxes, Fees, and Charges. The Registrar may impose a charge upon the owner thereof for a transfer or exchange of Bonds sufficient to reimburse the Registrar for any tax, fee, or other governmental charge required to be paid with respect to the transfer or exchange.

(h) Mutilated, Lost, Stolen, or Destroyed Bonds. If a Bond becomes mutilated or is destroyed, stolen or lost, the Registrar will deliver a new Bond of like amount, number, maturity date and tenor in exchange and substitution for and upon cancellation of the mutilated Bond or in lieu of and in substitution for any Bond destroyed, stolen or lost, upon the payment of the reasonable expenses and charges of the Registrar in connection therewith; and, in the case of a Bond destroyed, stolen or lost, upon filing with the Registrar of evidence satisfactory to the Registrar that the Bond was destroyed, stolen, or lost, and of the ownership thereof, and upon furnishing to the Registrar an appropriate bond or indemnity in form, substance, and amount satisfactory to the Registrar and as provided by law, in which both the City and the Registrar must be named as obligees. Bonds so surrendered to the Registrar will be cancelled by the Registrar and evidence of such cancellation must be given to the City. If the mutilated, destroyed, stolen or lost Bond has already matured or been called for redemption in accordance with its terms it is not necessary to issue a new Bond prior to payment.

(i) Redemption. In the event any of the Bonds are called for redemption, written notice thereof identifying the Bonds to be redeemed will be given by the Registrar by mailing a copy of the redemption notice by first class mail (postage prepaid) not less than 30 days prior to the redemption date to the registered owner of each Bond to be redeemed at the address shown on the registration books kept by the Registrar and by publishing the notice if required by law. Failure to give notice by publication or by mail to any registered owner, or any defect therein, will not affect the validity of the proceedings for the redemption of Bonds. Bonds so called for redemption will cease to bear interest after the specified redemption date, provided that the funds for the redemption are on deposit with the place of payment at that time.

2.04. Appointment of Initial Registrar. The City appoints Bond Trust Services Corporation, Roseville, Minnesota as the initial Registrar. The Mayor and the City Administrator are authorized

to execute and deliver, on behalf of the City, a contract with the Registrar. Upon merger or consolidation of the Registrar with another corporation, if the resulting corporation is a bank or trust company authorized by law to conduct such business, the resulting corporation is authorized to act as successor Registrar. The City agrees to pay the reasonable and customary charges of the Registrar for the services performed. The City reserves the right to remove the Registrar upon 30 days' notice and upon the appointment of a successor Registrar, in which event the predecessor Registrar must deliver all cash and Bonds in its possession to the successor Registrar and deliver the bond register to the successor Registrar. On or before each principal or interest due date, without further order of this Council, the City Finance Director must transmit to the Registrar moneys sufficient for the payment of all principal and interest then due.

2.05. Execution, Authentication, and Delivery. The Bonds will be prepared under the direction of the City Finance Director and executed on behalf of the City by the signatures of the Mayor and the City Administrator, provided that all signatures may be printed, engraved or lithographed facsimiles of the originals. If an officer whose signature or a facsimile of whose signature appears on the Bonds ceases to be such officer before the delivery of any Bond, that signature or facsimile will nevertheless be valid and sufficient for all purposes, the same as if the officer had remained in office until delivery. Notwithstanding such execution, a Bond will not be valid or obligatory for any purpose or entitled to any security or benefit under this Resolution unless and until a certificate of authentication on the Bond has been duly executed by the manual signature of an authorized representative of the Registrar. Certificates of authentication on different Bonds need not be signed by the same representative. The executed certificate of authentication on a Bond is conclusive evidence that it has been authenticated and delivered under this Resolution. When the Bonds have been so prepared, executed and authenticated, the City Finance Director will deliver the same to the Purchaser thereof upon payment of the purchase price in accordance with the contract of sale heretofore made and executed, and the Purchaser is not obligated to see to the application of the purchase price.

2.06. Form of Bond. The Bonds will be printed or typewritten in substantially the form set forth in **Exhibit B** attached hereto.

2.07. Approving Legal Opinion. The City Administrator is authorized and directed to obtain a copy of the proposed approving legal opinion of Kennedy & Graven, Chartered, Minneapolis, Minnesota, which will be complete except as to dating thereof and to cause the opinion to be printed on or accompany each Bond.

Section 3. Payment; Security; Funds; Pledges and Covenants.

3.01. Debt Service Fund. For the convenience and proper administration of the moneys to be borrowed and repaid on the Bonds, and to provide adequate and specific security for the Purchaser and holders from time to time of the Bonds, there is hereby created a special fund to be designated the General Obligation Sales Tax Revenue Bonds, Series 2024B Debt Service Fund (the "Debt Service Fund"). The Debt Service Fund shall be administered and maintained by the City Finance Director as a bookkeeping account separate and apart from all other funds maintained in the official financial records of the City. The Debt Service Fund will be maintained in the manner herein specified until all of the Bonds and the interest thereon have been fully paid. To the Debt Service

Fund there is hereby pledged and irrevocably appropriated and there will be credited: (i) sufficient amounts of revenues generated by the Sales Tax to pay principal of and interest on the Bonds when due; (ii) any amount over the minimum purchase price of the Bonds paid by the Purchaser, to the extent designated for deposit in the Debt Service Fund in accordance with Section 1.03; (iii) the accrued interest paid by the Purchaser upon closing and delivery of the Bonds, if any; (iv) all investment earnings on amounts in the Debt Service Fund; and (v) any other funds appropriated for the payment of principal or interest on the Bonds. The City Finance Director must report any current or anticipated deficiency in the Debt Service Fund to the City Council. If a payment of principal or interest on the Bonds becomes due when there is not sufficient money in the Debt Service Fund to pay the same, the City Finance Director is directed to pay such principal or interest from the general fund of the City, and the general fund will be reimbursed for the advances out of the revenues generated by the Sales Tax and other taxes when collected.

3.02. Construction Fund. The City hereby creates the General Obligation Sales Tax Revenue Bonds, Series 2024B Construction Fund (the “Construction Fund”) to be administered and maintained by the City Finance Director as a bookkeeping account separate and apart from all other funds maintained in the official financial records of the City. The proceeds of the Bonds, less the appropriations made in Section 3.01, together with any other funds appropriated for the Project, will be deposited in a the Construction Fund. Amounts in the Construction Fund will be disbursed to (i) pay costs of the Project and costs of issuance of the Bonds; and (ii) pay any capitalized interest financed with the proceeds of the Bonds during or after construction of the Project. Any balance remaining in the Construction Fund after completion of the Project may be used as provided in Minnesota Statutes, section 475.65, under the direction of the City Council and in accordance with the Special Law. Thereafter, the Construction Fund is to be closed and any balance remaining therein is to be deposited in the Debt Service Fund.

3.03. Debt Service Coverage. Pursuant to Subdivision 1 of the Special Law, the City has imposed the Sales Tax. The revenues received from the Sales Tax are hereby pledged to the payment of the principal of and interest on the Bonds. It is determined that the estimated revenues of the Sales Tax authorized by the Special Law for the payment of principal and interest on the Bonds will produce at least 5% in excess of the amount needed to meet when due the principal and interest payments on the Bonds and that no tax levy is needed at this time.

3.04 General Obligation. For the prompt and full payment of the principal and interest on the Bonds, as the same respectively become due, the full faith, credit and taxing powers of the City shall be and are irrevocably pledged. If the Sales Tax appropriated and pledged to the payment of principal and interest on the Bonds, together with other funds irrevocably appropriated to the Debt Service Account herein established, shall at any time be insufficient to pay such principal and interest when due, the City covenants and agrees to levy, without limitation as to rate or amount an ad valorem tax upon all taxable property in the City sufficient to pay such principal and interest as it becomes due. If the balance in the Debt Service Account is ever insufficient to pay all principal and interest then due on the Bonds payable therefrom, the deficiency shall be promptly paid out of any other accounts of the City which are available for such purpose, and such other funds may be reimbursed without interest from the Debt Service Account when a sufficient balance is available therein

3.05. Registration of Resolution. The City Clerk is authorized and directed to file a certified copy of this resolution with the County Auditor/Treasurer of Hennepin County, Minnesota, and to obtain the certificate required by Section 475.63 of the Act.

Section 4. Authentication of Transcript.

4.01. City Proceedings and Records. The officers of the City are authorized and directed to prepare and furnish to the Purchaser and to the attorneys approving the Bonds, certified copies of proceedings and records of the City relating to the Bonds and to the financial condition and affairs of the City, and such other certificates, affidavits, and transcripts as may be required to show the facts within their knowledge or as shown by the books and records in their custody and under their control, relating to the validity and marketability of the Bonds, and such instruments, including any heretofore furnished, may be deemed representations of the City as to the facts stated therein.

4.02. Certification as to Official Statement. The Mayor, City Administrator and Finance Director, or any of them are authorized and directed to certify that they have examined the Official Statement prepared and circulated in connection with the issuance and sale of the Bonds and that to the best of their knowledge and belief the Official Statement is, as of the date thereof, a complete and accurate representation of the facts and representations made therein as of the date of the Official Statement.

4.03. Other Certificates. The Mayor, City Finance Director and City Administrator, or any of them, are hereby authorized and directed to furnish to the Purchaser at the closing such certificates as are required as a condition of sale. Unless litigation shall have been commenced and be pending questioning the Bonds or the organization of the City or incumbency of its officers, at the closing the Mayor and the City Administrator, or any of them, shall also execute and deliver to the Purchaser a suitable certificate as to absence of material litigation, and the City Administrator shall also execute and deliver a certificate as to payment for and delivery of the Bonds.

4.04. Payment of Costs of Issuance. The City authorizes the Purchaser to deposit the amount of Bond proceeds allocable to the payment of issuance expenses being paid on the closing date in accordance with the closing memorandum prepared by City's municipal adviser, Ehlers & Associates, Inc. for further distribution by Ehlers & Associates, Inc.

4.05. Electronic Signatures. The electronic signature of the Mayor, City Finance Director and/or the City Administrator, or any of them, to this resolution and to any certificate authorized to be executed hereunder shall be as valid as an original signature of such party and shall be effective to bind the City thereto. For purposes hereof, (i) "electronic signature" means (a) a manually signed original signature that is then transmitted by electronic means or (b) a signature obtained through DocuSign or Adobe or a similarly digitally auditable signature gathering process; and (ii) "transmitted by electronic means" means sent in the form of a facsimile or sent via the internet as a portable document format ("pdf") or other replicating image attached to an electronic mail or internet message.

Section 5. Tax Covenants.

5.01. Tax-Exempt Bonds. The City covenants and agrees with the holders from time to time of the Bonds that it will not take or permit to be taken by any of its officers, employees, or agents any action which would cause the interest on the Bonds to become subject to taxation under the Internal Revenue Code of 1986, as amended (the “Code”), and the Treasury Regulations promulgated thereunder, in effect at the time of such actions, and that it will take or cause its officers, employees or agents to take, all affirmative action within its power that may be necessary to ensure that such interest will not become subject to taxation under the Code and applicable Treasury Regulations, as presently existing or as hereafter amended and made applicable to the Bonds. To that end, the City will comply with all requirements necessary under the Code to establish and maintain the exclusion from gross income of the interest on the Bonds under Section 103 of the Code, including without limitation requirements relating to temporary periods for investments and limitations on amounts invested at a yield greater than the yield on the Bonds.

5.02. Rebate. The City will comply with requirements necessary under the Code to establish and maintain the exclusion from gross income of the interest on the Bonds under Section 103 of the Code, including without limitation requirements relating to temporary periods for investments, limitations on amounts invested at a yield greater than the yield on the Bonds, and the rebate of excess investment earnings to the United States unless the Bonds qualify for an exception to the rebate requirement under the Code and related Treasury Regulations.

5.03. Not Private Activity Bonds. The City further covenants not to use the proceeds of the Bonds or to cause or permit them or any of them to be used, in such a manner as to cause the Bonds to be “private activity bonds” within the meaning of Sections 103 and 141 through 150 of the Code.

5.04. No Designation of Qualified Tax-Exempt Obligations. The Bonds have not been designated as “qualified tax-exempt obligations” within the meaning of Section 265(b)(3) of the Code.

5.05. Procedural Requirements. The City will use its best efforts to comply with any federal procedural requirements which may apply in order to effectuate the designations made by this section.

Section 6. Book-Entry System; Limited Obligation of City.

6.01. DTC. The Bonds will be initially issued in the form of a separate single typewritten or printed fully registered Bond for each of the maturities set forth in Section 1.03 hereof. Upon initial issuance, the ownership of each Bond will be registered in the registration books kept by the Registrar in the name of Cede & Co., as nominee for The Depository Trust Company, New York, New York, and its successors and assigns (“DTC”). Except as provided in this section, all of the outstanding Bonds will be registered in the registration books kept by the Registrar in the name of Cede & Co., as nominee of DTC.

6.02. Participants. With respect to Bonds registered in the registration books kept by the Registrar in the name of Cede & Co., as nominee of DTC, the City, the Registrar and the Paying Agent will have no responsibility or obligation to any broker dealers, banks and other financial

institutions from time to time for which DTC holds Bonds as securities depository (the “Participants”) or to any other person on behalf of which a Participant holds an interest in the Bonds, including but not limited to any responsibility or obligation with respect to (i) the accuracy of the records of DTC, Cede & Co. or any Participant with respect to any ownership interest in the Bonds, (ii) the delivery to any Participant or any other person (other than a registered owner of Bonds, as shown by the registration books kept by the Registrar) of any notice with respect to the Bonds, including any notice of redemption, or (iii) the payment to any Participant or any other person, other than a registered owner of Bonds, of any amount with respect to principal of, premium, if any, or interest on the Bonds. The City, the Registrar and the Paying Agent may treat and consider the person in whose name each Bond is registered in the registration books kept by the Registrar as the holder and absolute owner of such Bond for the purpose of payment of principal, premium and interest with respect to such Bond, for the purpose of registering transfers with respect to such Bond, and for all other purposes. The Paying Agent will pay all principal of, premium, if any, and interest on the Bonds only to or on the order of the respective registered owners, as shown in the registration books kept by the Registrar, and all such payments will be valid and effectual to fully satisfy and discharge the City’s obligations with respect to payment of principal of, premium, if any, or interest on the Bonds to the extent of the sum or sums so paid. No person other than a registered owner of Bonds, as shown in the registration books kept by the Registrar, will receive a certificated Bond evidencing the obligation of this resolution. Upon delivery by DTC to the City Finance Director of a written notice to the effect that DTC has determined to substitute a new nominee in place of Cede & Co., the words “Cede & Co.,” will refer to such new nominee of DTC; and upon receipt of such a notice, the City Finance Director will promptly deliver a copy of the same to the Registrar and Paying Agent.

6.03. Representation Letter. The City has heretofore executed and delivered to DTC a Blanket Issuer Letter of Representations (the “Representation Letter”) which will govern payment of principal of, premium, if any, and interest on the Bonds and notices with respect to the Bonds. Any Paying Agent or Registrar subsequently appointed by the City with respect to the Bonds will agree to take all action necessary for all representations of the City in the Representation Letter with respect to the Registrar and Paying Agent, respectively, to be complied with at all times.

6.04. Transfers Outside Book-Entry System. In the event the City, by resolution of the City Council, determines that it is in the best interests of the persons having beneficial interests in the Bonds that they be able to obtain Bond certificates, the City will notify DTC, whereupon DTC will notify the Participants, of the availability through DTC of Bond certificates. In such event the City will issue, transfer and exchange Bond certificates as requested by DTC and any other registered owners in accordance with the provisions of this Resolution. DTC may determine to discontinue providing its services with respect to the Bonds at any time by giving notice to the City and discharging its responsibilities with respect thereto under applicable law. In such event, if no successor securities depository is appointed, the City will issue and the Registrar will authenticate Bond certificates in accordance with this resolution and the provisions hereof will apply to the transfer, exchange and method of payment thereof.

6.05. Payments to Cede & Co. Notwithstanding any other provision of this Resolution to the contrary, so long as a Bond is registered in the name of Cede & Co., as nominee of DTC, payments with respect to principal of, premium, if any, and interest on the Bond and notices with respect to the

Bond will be made and given, respectively in the manner provided in DTC's Operational Arrangements, as set forth in the Representation Letter.

Section 7. Continuing Disclosure.

7.01. Execution of Continuing Disclosure Certificate. "Continuing Disclosure Certificate" means that certain Continuing Disclosure Certificate executed by the Mayor and City Administrator and dated the date of issuance and delivery of the Bonds, as originally executed and as it may be amended from time to time in accordance with the terms thereof.

7.02. City Compliance with Provisions of Continuing Disclosure Certificate. The City hereby covenants and agrees that it will comply with and carry out all of the provisions of the Continuing Disclosure Certificate. Notwithstanding any other provision of this Resolution, failure of the City to comply with the Continuing Disclosure Certificate will not be considered an event of default with respect to the Bonds; however, any Bondholder may take such actions as may be necessary and appropriate, including seeking mandate or specific performance by court order, to cause the City to comply with its obligations under this section.

Section 8. Defeasance. When the Bonds and all accrued interest thereon have been discharged as provided in this section, all pledges, covenants and other rights granted by this resolution to the holders of the Bonds will cease, except that the pledge of the full faith and credit of the City for the prompt and full payment of the principal of and interest on the Bonds will remain in full force and effect. The City may discharge the Bonds which are due on any date by depositing with the Registrar on or before that date a sum sufficient for the payment thereof in full or by depositing irrevocably in escrow, with a suitable institution qualified by law as an escrow agent for this purpose, cash or securities which are backed by the full faith and credit of the United States of America, or any other security authorized under Minnesota law for such purpose, bearing interest payable at such times and at such rates and maturing on such dates and in such amounts as shall be required and sufficient, subject to sale and/or reinvestment in like securities, to pay said obligation(s), which may include any interest payment on such Bond and/or principal amount due thereon at a stated maturity (or if irrevocable provision shall have been made for permitted prior redemption of such principal amount, at such earlier redemption date). If any Bond should not be paid when due, it may nevertheless be discharged by depositing with the Registrar a sum sufficient for the payment thereof in full with interest accrued to the date of such deposit.

Passed and adopted this 12th day of November, 2024.

Mayor

Attest:

City Administrator

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

and the following voted against the same:

whereupon the resolution was declared duly passed and adopted.

EXHIBIT A
PROPOSALS

EXHIBIT B

No. R-_____ UNITED STATES OF AMERICA \$_____
STATE OF MINNESOTA
COUNTY OF HENNEPIN

CITY OF ROGERS, MINNESOTA
GENERAL OBLIGATION SALES TAX REVENUE BOND
SERIES 2024B

<u>Interest Rate</u>	<u>Maturity</u>	<u>Date of Original Issue</u>	<u>CUSIP</u>
	February 1, 20__	November 26, 2024	

Registered Owner: Cede & Co.

The City of Rogers, Minnesota, a duly organized and existing municipal corporation in Hennepin County, Minnesota (the “City”), acknowledges itself to be indebted and for value received hereby promises to pay to the Registered Owner specified above or registered assigns, the principal sum set forth above on the Maturity Date specified above, unless called for earlier redemption, with interest thereon from the date hereof at the annual Interest Rate specified above (calculated on the basis of a 360-day year of twelve 30 day months), payable February 1 and August 1 in each year, commencing August 1, 2025, to the person in whose name this Bond is registered at the close of business on the 15th day (whether or not a business day) of the immediately preceding month. The interest hereon and, upon presentation and surrender hereof, the principal hereof are payable in lawful money of the United States of America by check or draft by Bond Trust Services Corporation, Roseville, Minnesota, as Registrar, Paying Agent, Transfer Agent and Authenticating Agent, or its designated successor under the Resolution described herein. For the prompt and full payment of such principal and interest as the same respectively become due, the full faith and credit and taxing powers of the City have been and are hereby irrevocably pledged.

The City may elect on February 1, 2034, and on any date thereafter to prepay Bonds due on or after February 1, 2035. Redemption may be in whole or in part and if in part, at the option of the City and in such manner as the City will determine. If less than all Bonds of a maturity are called for redemption, the City will notify The Depository Trust Company (“DTC”) of the particular amount of such maturity to be prepaid. DTC will determine by lot the amount of each participant’s interest in such maturity to be redeemed and each participant will then select by lot the beneficial ownership interests in such maturity to be redeemed. Prepayments will be at a price of par plus accrued interest.

This Bond is one of an issue in the aggregate principal amount of \$16,275,000 all of like original issue date and tenor, except as to number, maturity date, interest rate, denomination and redemption privilege, all issued pursuant to a resolution adopted by the City Council on November

12, 2024 (the “Resolution”), for the purpose of providing money to aid in financing the cost of the certain capital projects in the City, pursuant to and in full conformity with the Constitution and laws of the State of Minnesota, including Minnesota Statutes, Chapter 475, as amended, and Minnesota Laws 2019, First Special Session, Chapter 6, Article 6, Section 26, as amended by Minnesota Laws 2023, Chapter 64, Article 10, Section 16 (the “Special Law”). The principal hereof and interest hereon are payable primarily from sales and use tax revenues of the City authorized by the Special Law, as set forth in the Resolution to which reference is made for a full statement of rights and powers thereby conferred. The full faith and credit of the City are irrevocably pledged for payment of this Bond and the City Council has obligated itself to levy ad valorem taxes on all taxable property in the City in the event of any deficiency, which additional taxes may be levied without limitation as to rate or amount. The Bonds of this series are issued only as fully registered Bonds in denominations of \$5,000 or any integral multiple thereof of single maturities.

The Bond is not a “qualified tax-exempt obligation” within the meaning of Section 265(b)(3) of the Internal Revenue Code of 1986, as amended (the “Code”).

As provided in the Resolution and subject to certain limitations set forth therein, this Bond is transferable upon the books of the City at the principal office of the Registrar, by the registered owner hereof in person or by the owner’s attorney duly authorized in writing, upon surrender hereof together with a written instrument of transfer satisfactory to the Registrar, duly executed by the registered owner or the owner’s attorney; and may also be surrendered in exchange for Bonds of other authorized denominations. Upon such transfer or exchange the City will cause a new Bond or Bonds to be issued in the name of the transferee or registered owner, of the same aggregate principal amount, bearing interest at the same rate and maturing on the same date, subject to reimbursement for any tax, fee, or governmental charge required to be paid with respect to such transfer or exchange.

The City and the Registrar may deem and treat the person in whose name this Bond is registered as the absolute owner hereof, whether this Bond is overdue or not, for the purpose of receiving payment and for all other purposes, and neither the City nor the Registrar will be affected by any notice to the contrary.

IT IS HEREBY CERTIFIED, RECITED, COVENANTED AND AGREED that all acts, conditions and things required by the Constitution and laws of the State of Minnesota to be done, to exist, to happen and to be performed preliminary to and in the issuance of this Bond in order to make it a valid and binding general obligation of the City in accordance with its terms, have been done, do exist, have happened and have been performed as so required, and that the issuance of this Bond does not cause the indebtedness of the City to exceed any constitutional or statutory limitation of indebtedness.

This Bond is not valid or obligatory for any purpose or entitled to any security or benefit under the Resolution until the Certificate of Authentication hereon has been executed by the Registrar by manual signature of one of its authorized representatives.

IN WITNESS WHEREOF, the City of Rogers, Hennepin County, Minnesota, by its City Council, has caused this Bond to be executed on its behalf by the facsimile or manual signatures of the Mayor and City Administrator and has caused this Bond to be dated as of the date set forth below.

Dated: November 26, 2024

CITY OF ROGERS, MINNESOTA

(Facsimile)
Mayor

(Facsimile)
City Administrator

CERTIFICATE OF AUTHENTICATION

This is one of the Bonds delivered pursuant to the Resolution mentioned within.

**BOND TRUST SERVICES
CORPORATION, ROSEVILLE,
MINNESOTA**

By _____
Authorized Representative

ABBREVIATIONS

The following abbreviations, when used in the inscription on the face of this Bond, will be construed as though they were written out in full according to applicable laws or regulations:

TEN COM -- as tenants in common

UNIF GIFT MIN ACT

Custodian _____

TEN ENT -- as tenants by entireties

(Cust) _____ (Minor) _____
under Uniform Gifts or Transfers to
Minors Act, State of _____

JT TEN -- as joint tenants with right of
survivorship and not as tenants in common

Additional abbreviations may also be used though not in the above list.

ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers unto _____ the within Bond and all rights thereunder, and does hereby irrevocably constitute and appoint _____ attorney to transfer the said Bond on the books kept for registration of the within Bond, with full power of substitution in the premises.

Dated: _____

Notice: The assignor's signature to this assignment must correspond with the name as it appears upon the face of the within Bond in every particular, without alteration or any change whatever.

Signature Guaranteed:

NOTICE: Signature(s) must be guaranteed by a financial institution that is a member of the Securities Transfer Agent Medallion Program ("STAMP"), the Stock Exchange Medallion Program ("SEMP"), the New York Stock Exchange, Inc. Medallion Signatures Program ("MSP") or other such "signature guarantee program" as may be determined by the Registrar in addition to, or in substitution for, STAMP, SEMP or MSP, all in accordance with the Securities Exchange Act of 1934, as amended.

The Registrar will not effect transfer of this Bond unless the information concerning the assignee requested below is provided.

Name and Address: _____

(Include information for all joint owners if this Bond is held by joint account.)

Please insert social security or other identifying number of assignee

PROVISIONS AS TO REGISTRATION

The ownership of the principal of and interest on the within Bond has been registered on the books of the Registrar in the name of the person last noted below.

<u>Date of Registration</u>	<u>Registered Owner</u>	Signature of <u>Registrar</u>
<u>November 26, 2024</u>	Cede & Co. Federal ID #13-2555119	_____

STATE OF MINNESOTA
COUNTY OF HENNEPIN

CERTIFICATE OF COUNTY
AUDITOR/TREASURER
AS TO REGISTRATION WHERE NO
AD VALOREM TAX LEVY

I, the undersigned County Auditor/Treasurer of Hennepin County, Minnesota, hereby certify that a resolution adopted by the City Council of the City of Rogers, Minnesota (the “City”), on November 4, 2024, relating to the City’s \$16,275,000 City of Rogers, Minnesota General Obligation Sales Tax Revenue Bonds, Series 2024B, dated November 26, 2024, has been filed in my office and said obligations have been registered on the register of obligations in my office.

WITNESS My hand and official seal this ____ day of _____, 2024.

County Auditor/Treasurer
Hennepin County, Minnesota

(SEAL)

By _____
Deputy

RatingsDirect®

Summary:

Rogers, Minnesota; General Obligation

Primary Credit Analyst:

Rebecca Y Roman, Chicago (1) 708-219-0455; rebecca.roman@spglobal.com

Secondary Contact:

Andrew J Truckenmiller, Chicago + 1 (312) 233 7032; andrew.truckenmiller@spglobal.com

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Credit Highlights

Outlook

Related Research

Summary:

Rogers, Minnesota; General Obligation

Credit Profile		
US\$17.085 mil GO sales tax rev bnds ser 2024B due 02/01/2040		
Long Term Rating	AA+/Stable	New
Rogers (Hennepin Cnty) GO imp & abatement bnds ser 2015A dtd 10/01/2015 due 12/15/2029		
Long Term Rating	AA+/Stable	Affirmed
Rogers (Hennepin Cnty) GO		
Long Term Rating	AA+/Stable	Affirmed

Credit Highlights

- S&P Global Ratings assigned its 'AA+' rating to Rogers, Minn.'s roughly \$17.085 million series 2024B general obligation (GO) sales tax revenue bonds based on the application of its criteria, "Methodology For Rating U.S. Governments," published Sept. 9, 2024, on RatingsDirect.
- At the same time, S&P Global Ratings affirmed its 'AA+' rating on the city's existing GO debt.
- The outlook is stable.

Security

The city's full-faith-and-credit and unlimited-tax pledge secures the series 2024B bonds and existing GO debt.

Officials intend to use series 2024B bond proceeds to finance various projects citywide as stated in its capital plan.

Credit overview

The rating reflects our opinion of Rogers' growing economy, benefiting from its location near the Twin Cities, and healthy reserves that have remained historically stable. We think the city's sizable capital plan and substantial debt plans forecast during a two- to five-year period somewhat offset these factors.

Situated as a northwestern outer-ring suburb of the Twin Cities, Rogers is a high-growth community that gains economic and employment benefits from its location within the greater metropolitan statistical area (MSA). Its property tax base is primarily commercial-and-industrial (46%) and residential (homestead and nonhomestead) (46%) properties; in both of these areas, management notes sustained development, including expansions by local manufacturers and several new housing developments. While most city residents do not work locally, Rogers has a strong employment base, primarily in education, manufacturing, and retail. Many of Rogers' residents work within the greater Twin Cities MSA.

For several years, Rogers has maintained positive general fund operations with available reserves that have averaged 60% of operating revenue during the past three fiscal years. Positive variances to budgeted expectations have most recently been due to increasing building activity; along with certain natural expenditure savings based on conservative estimates, this has allowed the city to post consistently positive operations in each of the past three fiscal years. For

fiscal 2024, management expects another general fund surplus, adding approximately \$1.1 million to available general fund reserves due to positive interest earnings and building activity exceeding expectations.

While its debt profile is elevated, it has been well maintained. It also has a pension and other-postemployment-benefit (OPEB) obligation that we do not see as an immediate credit pressure. Management indicates it has ongoing citywide projects. While within the two-year outlook period, there is the potential for approximately \$18 million of additional debt plans; the city lists several additional projects it expects to take place during the next five years; we think this is the chief credit risk at present.

The stable rating outlook reflects our expectation that with operations remaining stable through the current budget year, Rogers' favorable reserve profile will likely continue to provide additional near-term flexibility and lend some stability to the city's overall credit profile.

The rating further reflects our view of Rogers':

- Growing economy in Hennepin County, supporting exceptional gross county product per capita and county per capita personal income, with commercial and residential growth leading to steady market value and property tax revenue increases;
- Stable available reserves: \$8.6 million in the general fund (60% of revenue) and \$1.04 million in the liquor fund, which is legally available for operations;
- Positive performance, supported by sophisticated, forward-looking, conservative policies-and-planning mechanisms--Highlights of the city's policies and practices include a robust reserve policy that calls for maintaining an available general fund balance of 45%-50% of expenditures, a level it has historically been well above; in addition, the city maintains robust long-term financial and capital planning while policies are fairly basic;
- Manageable debt relative to the budget with \$34.1 million of net direct debt outstanding and low carrying charges--Management has various additional debt plans during the next five years, totaling approximately \$55.5 million; it notes that various projects and costs are subject to change and that it will use various funding sources and abatements to moderate borrowing costs annually; and
- Limited exposure to pension and OPEB liabilities with low per capita net pension liabilities and current retirement-benefit costs that, while growing, will likely remain a small share of the budget.
- For more information on our institutional framework assessment for Minnesota municipalities, see "Institutional Framework Assessment: Minnesota Local Governments," published Sept. 10, 2024.

Environmental, social, and governance

We have assessed environmental, social, and governance (ESG) factors relative to Rogers' economy, management, financial measures, and debt-and-contingent-liability profile; we consider them all neutral within our credit-rating analysis.

Outlook

The stable outlook reflects S&P Global Ratings' expectation that Rogers will likely maintain balanced operations and very strong reserves while strategically managing debt during the two-year outlook.

Downside scenario

We could lower the rating if finances were to weaken, resulting in reserves no longer comparable with similar-rated peers, or if additional debt plans were to have an effect on the budget materially or limit flexibility.

Upside scenario

We could raise the rating if the city were to continue to maintain comparably stronger finances while demonstrating its ability to manage growing fixed debt and liability costs as it issues additional debt.

Table 1

Rogers, Minnesota--credit overview	
Institutional framework	1
Individual credit profile	1.41
Economy	1.0
Financial performance	1
Reserves and liquidity	1
Debt and liabilities	2.75
Management	1.30

Table 2

Rogers, Minnesota--key credit metrics				
	Most recent	2023	2022	2021
Economy				
Gross county product per capita as a % of U.S.	182.0	--	182.0	179.0
County per capita personal income as a % of U.S.	136.0	--	136.0	134.0
Market value (\$000s)	3,572,656	2,967,110	2,773,024	2,480,930
Market value per capita (\$)	264,484	219,656	233,774	214,261
Top 10 taxpayers as a % of taxable value	13.8	13.5	--	13.9
County unemployment rate (%)	2.8	2.6	2.4	3.8
Local median household effective buying income as a % of U.S.	174.0	177.0	176.0	184.0
Local per capita effective buying income as a % of U.S.	143.0	126.0	125.0	129.0
Local population	13,508	13,508	11,862	11,579
Financial performance				
Operating fund revenue (\$000s)	--	14,421	12,238	11,520
Operating fund expenditures (\$000s)	--	13,702	11,936	10,858
Net transfers and other adjustments (\$000s)	--	556	(30)	2
Operating result (\$000s)	--	1,275	272	664
Operating result as a % of revenue	--	8.8	2.2	5.8
Operating result three-year average (%)	--	5.6	5.0	7.4
Reserves and liquidity				
Available reserves as a % of operating revenue	--	59.7	60.1	61.4
Available reserves (\$000s)	--	8,612	7,361	7,073
Debt and liabilities				
Debt service cost as % of revenue	3.6	3.6	3.9	3.6
Net direct debt per capita (\$)	2,524	748	954	1,042

Table 2

Rogers, Minnesota--key credit metrics (cont.)				
	Most recent	2023	2022	2021
Net direct debt (\$000s)	34,095	10,110	11,315	12,065
Direct debt 10-year amortization (%)	55.0	--	--	--
Pension and other postemployment benefit costs as a % of revenue	4.0	4.0	4.0	4.0
Net pension liabilities per capita (\$)	494	494	1,027	285
Combined net pension liabilities (\$000s)	6,671	6,671	12,187	3,297

Related Research

Through The ESG Lens 3.0: The Intersection Of ESG Credit Factors And U.S. Public Finance Credit Factors, March 2, 2022

Certain terms used in this report, particularly certain adjectives used to express our view on rating relevant factors, have specific meanings ascribed to them in our criteria, and should therefore be read in conjunction with such criteria. Please see Ratings Criteria at www.spglobal.com/ratings for further information. Complete ratings information is available to RatingsDirect subscribers at www.capitaliq.com. All ratings affected by this rating action can be found on S&P Global Ratings' public website at www.spglobal.com/ratings.

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STAFF REPORT

Meeting Date: November 12, 2024

ROGERS CITY COUNCIL

Agenda Item: 7.2

Subject: Application by Veit & Company, Inc. for Expansion of a Mining Operation for the Parcel with PID 16-120-23-32-0002

Prepared By: Brett Angell, Community Development Director

Overview / Background / Analysis

At the June 27th, 2023 meeting date, the City Council approved an Interim Use Permit ("IUP") for Veit & Company, Inc. ("Applicant") for the purposes of allowing sand and gravel mining at a parcel of property with the PID 16-120-23-32-0001 ("Subject Property"). The initial IUP that was granted was for a portion of the property (approximately ten acres) and not the entirety of the site. At the time of the initial approval, the Applicant shared their intention to do additional mining throughout a majority of the property with the understanding that they would be required to obtain additional approvals from the city and complete any required environmental assessments for the operations. Following the approval for the first phase of mining, the applicant has begun their mining operations at the site of the area approved via the initial IUP request.

The Applicant has submitted an IUP request to expand the mining operations on the Subject Property. Additionally, the applicant has provided an Environmental Assessment Worksheet ("EAW") which was posted in the EQB portal and distributed to regulatory agencies for review. Said regulatory review comments were due to the City of Rogers on September 26, 2024. A decision of the EAW not triggering the need for an Environmental Impact Statement (EIS) is on tonight's Council agenda. The proposed IUP request aligns with what is shown in the EAW for the proposed project.

Interim Use Permit (IUP) Request

The Applicant is proposing to expand their current sand & gravel mining operation across a majority of the Subject Property. Mining and Extraction is an interim use in the R2 zoning district, per City Code section 125-50. As such, the process and criteria for approval are regulated by section 125-25 related to interim use permits. Mining is also required to meet regulations related to land disturbances found in City Code section 125-91. An IUP, if granted, is tied to the applicant and not the property (contrary to a Conditional Use Permit) and has a set expiration date. In order to be granted an IUP, a proposed project must fulfill the following criteria:

- The proposal must conform to zoning regulations and land use guidance as defined in the Comprehensive Plan;
- The date or event that will terminate the use must be identifiable with certainty;
- Permission of the use will not impose additional costs on the public if it is

- necessary for the public to take the property for public use in the future; and
- The user agrees to any conditions the city deems appropriate for permission for the use.

The proposed IUP request fulfills the above-mentioned criteria, as explained below:

- The site would be returned to standards for use for its intended future guidance of single-family residential, which is consistent with the 2040 Comprehensive Plan;
- The proposal conforms to zoning regulations except where conditions apply;
- The applicant shall be required to ensure safe access conditions continue to be maintained with Hennepin County and city staff and to ensure the berm will not have adverse effects on the right-of-way or adjacent properties. Additionally, the site will be restored at the cost of the applicant.

City Discretion

Similar to Conditional Use Permits, an Interim Use Permit is a permitted use within a zoning district which has certain conditions added as part of the approval process. Unlike CUPs which run with the land in perpetuity, IUPs have a defined end date to when the use will no longer occur and are specific to the user/applicant. The City's discretion is limited for such items assuming the request meets the above mentioned criteria and complies with the regulations for the such an activity, in this case Section 125-91 of the City Code related to land disturbances and mining.

Site Plan

The Applicant is proposing to mine approximately 33.66 acres of the Subject Property. The Applicant is not proposing any new structures to be built on the property. The site is currently used for agricultural purposes and mining and does not currently have any structures. The access to the site related to the mining operation would continue to be from County Rd 144 to the north. The site is currently owned by the Applicant. Adjacent uses of the site include mining operations to the north and east, agricultural and single-family to the south, and agricultural/undeveloped to the west.

Proposed Mining Operation

The proposed mining operation includes an expansion of what is currently occurring on the Subject Property. The Applicant is proposing to mine approximately 33.7 acres of the 42.75 acre property. Said mining would occur over the course of seven phases as defined by total size below:

- Phase 1 (currently underway) - 5.34 acres
- Phase 2 - 3.92 acres
- Phase 3 - 4.07 acres
- Phase 4 - 5.13 acres
- Phase 5 - 4.93 acres

- Phase 6 - 5.14 acres
- Phase 7 - 5.13 acres

Upon completion of the mining for each phase, the area would be reclaimed and graded. A six-foot berm would be constructed along the edges of the property to screen the mining activities. Each phase of the mining would utilize the same access point and the internal access road would be altered/expanded for each phase of the mining. Per the provided Resource Management (Mining) Plan, mining and processing will not take place within 50 feet of any property line/road right-of-way and will be setback a minimum of 200 feet from any single family home. The proposed hours of operation of the mining activities for phases 1 through 5 include 7:00 AM - 7:00 PM, Monday through Friday and 7:00 AM - 3 PM on Saturdays. No mining activities would occur on Sundays. The proposed hours for phases 6 and 7 include 7:00 A.M. - 7:00 P.M. Monday through Friday with no operations on Saturday or Sunday.

Per the Mining Plan, it is anticipated that approximately 1,620,700 cubic yards of material will be exported as granular product and approximately 232,400 cubic yards of topsoil and non-granular material will remain onsite or used as reclamation fill. Based upon the applicant's anticipated exporting of between 50,000-100,000 cubic yards per year, the overall lifespan of the mine would be between 16–32 years. The proposed term of the IUP as defined in the resolution is 16 years with four additional 5-year automatic extensions. When reclaimed for single-family development, it will be required to be graded in a manner which allows for an access connection onto Willandale Road to the east. The Applicant did provide a ghost plat to show a potential development scenario of the site in the future.

The proposed Mining Plan includes additional detail related to haul routes and traffic. The one major haul route identified includes going west along County Road 144 and going either north or south on Territorial Road. The proposed traffic volumes for the mining operations include 86 total truck trips per day. This traffic volume is consistent with what was included in the initial IUP which was granted.

Planning Commission Review

A public hearing and review by the Planning Commission of the IUP request was held at the October 7th meeting date. During the public hearing, a few of the adjacent residents expressed some of their concerns related to this item. The primary concerns that were stated included comments related to overall traffic on County Road 144, dust from the operations, environmental impacts, and concerns related to property values. Following the public hearing and review by the Commission, they ultimately and unanimously voted to recommend approval of the IUP request with changes to the proposed resolution of approval regarding the term of the agreement and reporting requirements of the applicant. The additional/amended conditions are reflected in the attached resolution. Additionally, the Planning Commission made a note to the Council in which they recommended additional traffic analysis be conducted on County Rd 144.

Neighborhood Meeting

On Thursday, October 24th, the City hosted a neighborhood meeting related to this item. Representatives in attendance included members of the City Council, city staff, representatives from DEED, and approximately 15 residents. During this meeting, residents shared their concerns related to dust (specifically silica particles), noise, and traffic. Veit representatives provided additional information related to their proposed operations at the location.

Following feedback received at the neighborhood meeting and through conversations with city staff, Veit has agreed to the removal of any Saturday operations for phases 6 and 7 of the mining operation. These phases are the most southern phases on the property. The change in hours of operation is reflected in the proposed ordinance. Staff have added another condition related to crushing activities not taking place on days when wind speeds are in excess of 25 mph.

Staff Recommendation

Motion to approve Resolution 2024-96 granting approval of an interim use permit for Veit & Company, Inc. for the expansion of sand and gravel mining operations, subject to the terms and conditions defined in the resolution.

Financial Impact: Not applicable.

Source Fund: Not applicable.

Budgeted? N/A

Supporting Documentation

- A. Resolution No. 2024-96
- B. Location Map
- C. Resource Management (Mining) Plan
- D. Pollution Prevention Plan

RESOLUTION NO. 2024-96

APPROVING AN INTERIM USE PERMIT ALLOWING A MINING OPERATION EXPANSION FOR VEIT & COMPANY, INC.

WHEREAS, Veit & Company, Inc. (“Applicant”) submitted an application to the City of Rogers (“City”) requesting approval of an Interim Use Permit (“IUP”) for the purpose of expanding an existing sand and gravel mining operation within the city; and

WHEREAS, the Subject Property, which is under ownership by an entity related to the Applicant, for the mining operation is approximately 44 acres in size with the PID 16-120-23-32-0002 and is currently zoned as R2 - Single Family Residential; and

WHEREAS, the IUP for mining operation shall occur on the parcel as legally described in Exhibit A and depicted in Exhibit B; the area will be mined and restored per the mining plan shown in Exhibit C; and shall adhere to the pollution prevention plan shown in Exhibit D; and

WHEREAS, the Applicant previously received an Interim Use Permit from the City on June 27, 2023 for the establishment of a mining operation on a portion of the Subject Property; and

WHEREAS, Mineral Extraction (mining) is an interim use in the R2 zoning district, and must conform to R2 district standards and mining performance standards, as defined in City Code Sections §125-55 and §125-91; and

WHEREAS, interim use permit approvals are regulated by City Code Section §125-25; and

WHEREAS, pursuant to Minnesota Statute §462.357, the Planning Commission (“Commission”) held a Public Hearing (“Hearing”) on October 7, 2024 to consider and receive public comment on said IUP request; and

WHEREAS, Notice of the Hearing was posted and published in the City’s official newspaper and mailed to any and all owners of affected properties, as required by State Statute; and

WHEREAS, on October 7, 2024, the Commission reviewed the IUP request, provided comments, and recommended approval of said IUP for a mining operation expansion to the City Council, based on the following findings:

- The applicant has applied for an interim use permit and supplied all the required information requested, including the completion of an Environmental Assessment Worksheet (EAW); and
- The site will be returned to standards for use for its intended future guidance of sewer single-family residential, which is consistent with the 2040 Comprehensive Plan; and
- The proposal conforms to zoning regulations except where conditions apply; and
- The applicant shall conform to the approved Resource Management/Mining Plan and Pollution Prevention Plan; and

- The impacts of traffic access to the site and the berm will not have an adverse effect on right-of-way or adjacent properties. Additionally, the site will be restored at the cost of the applicant.

WHEREAS, the Applicant, along with representatives of the City, held a neighborhood meeting on Thursday, October 24th with adjacent property owners to discuss this request; and

WHEREAS, the City Council concurred with the Planning Commission findings, and further found that the proposed mining operation satisfies City Code requirements, except where noted in the conditions, as stated herein.

NOW THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF ROGERS, MINNESOTA, the request Interim Use Permit for Veit & Company, Inc. is hereby approved allowing for the expansion of a sand and gravel mining operation on the Subject Property, pursuant to conformance with R2 district standards and mining performance standards as defined in City Code Sections §125-55 and §125-91, and with the following conditions:

1. The Resource Management Plan (Mining Plan), Restoration Plan, and/or Pollution Prevention Plan shall be modified as recommended or required by the City's Engineering, Community Development, and/or Fire Departments.
2. The Interim Use Permit may at no time be transferred to any party of than that designated in the Mining Agreement.
3. If at any time the Applicant is found to be out of compliance with the Mining Agreement, City Code, or this Resolution, the Applicant shall be sent a Notice of Violation, at which time they shall have ten (1) days to comply. If the Applicant is not in compliance after this time, the City Council may then move to revoke the Interim Use Permit.
4. The Interim Use Permit shall expire upon termination of mining activity or after sixteen (16) years ("IUP Term") with optional automatic extensions as defined, whichever occurs first. Applicant shall have the ability to automatically extend the term of the IUP four (4) times for an additional five (5) years each extension ("IUP Extensions"). Said IUP Extensions must be requested via written notice to the City at least thirty (30) days prior to the expiration of the current term. The City retains the right to terminate the IUP if the Applicant is found to be out of compliance with the Mining Agreement, Mining Plan, Pollution Prevention Plan, City Code, and/or this resolution. The Applicant reserves the right to terminate the IUP at any time for any reason. At the end of the IUP Term and IUP Extension periods, the IUP will automatically expire. Should the applicant again wish to continue or expand the mining activity, the Applicant must re-apply for an Interim Use Permit, which will require a public hearing and approval by the City Code, subject to conditions as determined by the City.
5. The mining operation shall be restricted to the approximately 33 acres as defined in the Resource Management Plan and shall be completed via phasing defined in the approved plan. The mining operation is considered to include the excavation area, berm, stockpiling, and processing areas.
6. The applicant shall not construct any new structures or buildings on the property without the prior approvals, including building and land use approvals, from the City.
7. Materials such as organic soils and debris, demolition debris, and any other solid or hazardous waste shall not be used as fill in reclamation and restoration.
8. Restoration is to be initiated within six (6) months of IUP termination, or twelve (12)

months of the completion of the abandonment of mining activities on the site, or following the completion of a phase of mining as defined in the Resource Management Plan.

9. The Applicant shall annually submit the required permit applications and pay all applicable fees as state in the City's Fee Schedule.
10. The berm used for screening shall be constructed in a manner such that all active mining and all disturbed areas are adequately screen from the public right-of-way by said berm. Additionally, the berm must be constructed in such a way so as not to obstruct diver sightlines from the Subject Property access or any adjacent property access. Said berm shall not encroach into any adjacent right-of-way and shall not have adverse stormwater impacts for any adjacent right-of-way or adjacent properties.
11. The Applicant shall post a bond, cash deposit, or instrument of credit, as approved by the City Attorney, in such form and amount acceptable to the City sufficient to guarantee the required restoration of all acres of the site proposed to be mined (including processing, stockpiling, and berm areas), as well as road maintenance. This bond will be conditioned upon the proposed Resource Management Plan and/or Restoration Plan and will remain in effect for a period of one-year after the expiration of the IUP.
12. Any abandoned machinery or rubbish shall be removed from the site regularly (regularly defined as weekly).
13. Prior to the reclamation or restoration, the operator shall submit an engineering analysis of the proposed fill and compaction method to the City Engineer for review and approval.
14. The use and handling of explosives shall be prohibited.
15. The maximum noise level at the perimeter of the site shall be within the limits set by the Minnesota Pollution Control Agency (MPCA) and the Environmental Protection Agency (EPA) of the United States.
16. Operators shall utilize all practical means to reduce the amount of dust caused by the operation.
17. No slope descending to a water body shall exceed one foot vertical to six feet horizontal, except when steeper slopes may be permitted in accordance with the reclamation plan when human or property safety is not endangered. The applicant shall work with the city to ensure that existing significant tree areas are conserved to the extent possible during the mining operation.
18. All plans shall be approved by the Elm Creek Watershed District Management Commission.
19. Wastewater disposal shall be approved by the City and the Metropolitan Council.
20. No business uses shall be permitted on the Subject Property other than mining and agriculture.
21. Any damage to local roads caused by the mining operation (either through traffic or other means) shall be restored by the Applicant as required by the City Engineering and/or Public Works departments.
22. Hauling shall be conducted through the County Road system, as defined in the Resource Management/Mining Plan.
23. Crushing or grinding of rock and/or cement shall be limited to no more than seven (7) consecutive days per calendar year, as defined in the Resource Management Plan, and shall not take place at any time in which winds speeds are at or in excess of 20 miles per hour. Should a planned crushing day be cancelled due to wind speeds, the applicant will be allowed to add one additional day per day cancelled due to wind speed to the

identified planned days, if needed, directly following the conclusion of the planned days.

24. Mining operations must maintain a 200-foot setback from any non-sealed well. If this is not possible, all wells within 200 feet of the mining operation must be sealed in accordance with state and county requirements. All abandoned wells must be sealed in accordance with state and county requirements.
25. For Mining Phases 1 through 5, hours shall be limited to 7:00 A.M. to 7:00 P.M. Monday through Friday and 7:00 A.M. to 3:00 P.M. on Saturday. No mining operation is permitted to take place on Sunday. For Mining Phases 6 and 7, hours shall be limited to 7:00 A.M. to 7:00 P.M. Monday through Friday. No mining operation is permitted to take place on Saturday or Sunday.
26. The Applicant shall submit annual reports to the City related to stormwater pollution prevention, erosion control, and general mining progress.

Moved by Councilmember _____, seconded by Councilmember _____

The following voted in favor of said resolution:

The following voted against the same:

The following abstained:

Whereupon said resolution was declared duly passed and adopted, and was signed by the Mayor, and attested by the City Clerk dated this 12th day of November 2024.

Rick Ihli, Mayor

ATTEST:

Stacie Brown, City Clerk

EXHIBIT A

LEGAL DESCRIPTION

Subject Property

Real property in the County of Hennepin, State of Minnesota, described as follows:

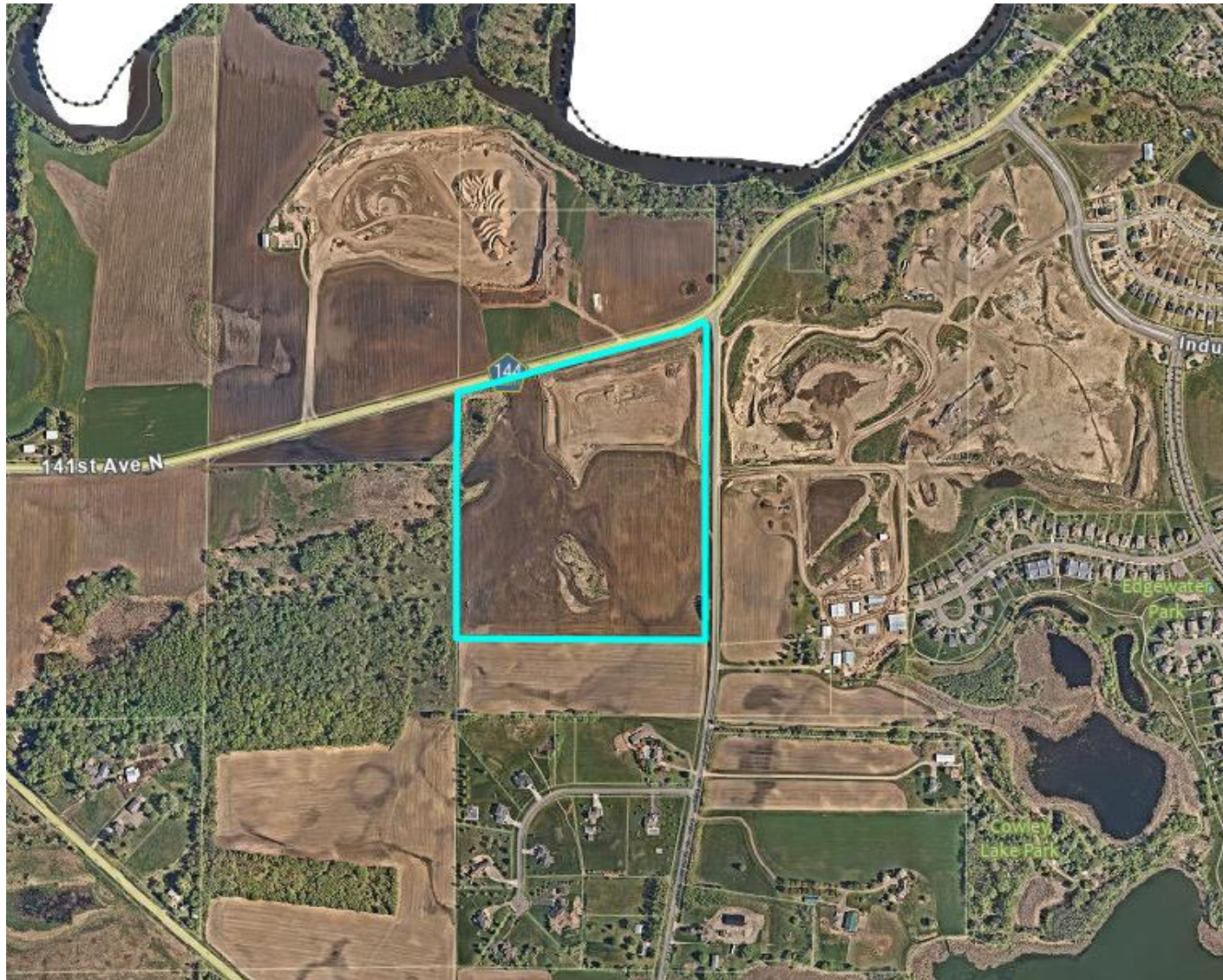
NW 1/4 of SW 1/4 And That Part of SW 1/4 of NW 1/4 Lying S of Road Ex Road all in Section 16, Township 120, Range 23, in Hennepin County, Minnesota.

Abstract Property

PID # 16-120-23-32-0002



LOCATION MAP



IUP APPLICATION RESOURCE MANAGEMENT PLAN

Sand and Gravel Mining Operation
Veit Pit
Rogers, Minnesota

Prepared for:

Veit & Company, Inc.
14000 Veit Place
Rogers, MN 55374

April 29, 2024

Revised: June 25, 2024

Revised: August 13, 2024

Revised: October 2, 2024



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FIGURES

Figure 1 Site Location Map

APPENDICES

Appendix A	Mining Plans
Appendix B	Soils Information
Appendix C	Ghost Plat
Appendix D	Wetland Delineation

1.0 INTRODUCTION

1.1 Application Request

This Plan (Plan) has been prepared as a component of the Interim Use Permit (IUP) application by Veit & Company, Inc. (Veit) to operate a sand and gravel mine on a parcel located within Section 16, Township 120N, Range 23 W, Hennepin County, Minnesota. The proposed site contains sand resources which will be mined and processed for use in redi-mix concrete, asphalt pavement, and as base material for private and public construction projects in the area. The Plan includes sufficient information to evaluate the environmental characteristics of affected areas, the potential impacts of the proposed activity on water and soil resources, and the measures proposed by Veit to prevent those impacts.

The following sections of this document describe information required under the City of Rogers City Code (Ordinance) Chapter 125-91 pertaining to mining.

1.2 Applicant Information

Name: Veit & Company, Inc.
Contact Person: Jesse Roush
Address: 14000 Veit Place, Rogers, MN 55374
Telephone (office): (763) 428-6739
Email: jesse.roush@veitusa.com

1.3 Site Location and Ownership

The mining will take place on the following parcel, which are listed below according to the corresponding Hennepin County Parcel ID number:

Parcel ID 1612023320002

Owner	KJ Veit Companies, LLC
Address	ADDRESS NOT YET ASSIGNED (previous address 25715 Territorial Road, Rogers, MN 55374)
Mapped Acres	45.6169
Current Use	Residential - R2
PLSS Description	NW 1/4 of SW 1/4 And That Part Of SW 1/4 Of NW 1/4 Lying S Of Road Ex Road all in Section 16, Township 120, Range 23, in Hennepin County Minnesota.

The location of this parcel is shown on the attached Figure 1. The Applicant will operate the mine after purchasing the property from the current landowners. The property will be purchased as soon as the IUP is granted.

2.0 PROJECT DESCRIPTION

2.1 Site Plans

A set of mining plan drawings (Mining Plans) is attached and consists of the following sheets:

- Sheet 1 Existing Conditions
- Sheet 2 Mining & Phasing Plan
- Sheet 3 Mining Progression Plan
- Sheet 4 Dust Control Plan
- Sheet 5 Reclamation Plan
- Sheet 6 Blanding's Turtle Plan

The Mining Plans show existing features including: 2-foot existing Lidar contours provided by the Minnesota Department of Natural Resources (DNR); wetland boundaries provided by US Fish and Wildlife Wetlands Mapper; property boundaries provided by Hennepin County GIS; and existing vegetation shown on aerial imagery obtained from Google Earth. The Mining Plans also illustrate pertinent site development information including site access, mining limits, and site grading.

2.2 Project Narrative

The mining operation will primarily include excavation of native sand resources and classifying of the materials to produce sand products for use in area construction projects. Concrete will be brought to the site and stockpiled. The concrete will be crushed once a year for use in area construction projects. No concrete or asphalt plants will operate at the Facility at any time.

The Mining Operation will occur in seven phases over the approximately 45-acre site. Phasing is indicated on Sheets 2 and 3 of the Drawings in Appendix A. Sheets 3A – 3F provide grades for the temporary screening berms and access roads for each phase. Phase 1 (approximately 5.34 acres) has already been approved in a prior application. The total area to be mined will encompass 33.66 acres.

All soil removed that isn't aggregate or sand will be used to construct 6-foot tall screening berms. The screening berms will be constructed around the entirety of the active mining area. As mining in each phase nears completion, the screening berms will be removed from the outer edges of the active phase ("outer edge" indicates areas that are at the edge of the overall mine boundary) for reclamation soils. The remaining area will be mined and reclaimed, at which point the outer edge screening berms will be replaced. This is shown on Sheet 3 of the Drawings in Appendix A.

The Mining Operation will include a screening plant and stockpiles, which will be kept within the active mining area. Once Phase 1 is completely mined, work in the second portion of the mine will commence. The second portion of the mine includes Phases 2-7 (approximately 28.32 acres), which will be mined as indicated on Sheet 2 of the Drawings in Appendix A. Silt fence, diversion berms, temporary sediment traps/basins, establishment of vegetation, erosion control blankets, and sediment logs will be used as they are needed to reduce erosion and ensure all stormwater contacting mining

areas is contained in the excavation areas to contain sediment and control outflow. Implementation and inspection/maintenance of these measures is discussed on Sections 4 and 5 of this Plan.

Active mining and processing will generally consist of the following activities:

- **Overburden Stripping** – Topsoil and overburden will be stripped and stockpiled for use as future reclamation fill. Overburden will also be used to construct screening berms around the mining area.
- **Excavation** – Sand will be excavated at the working face and either exported directly from the pit or transported to the processing area.
- **Screening** – Material will be screened to produce different sized aggregates.
- **Crushing** – Production of recycled concrete and asphalt aggregates will also occur once per year. This will include transporting concrete and/or asphalt rubble to the site and subsequently crushing, screening, and stockpiling the materials within the processing area. These materials will be crushed once per year.
- **Stockpiling** – screened materials will be stockpiled in the active mining area prior to export.

The types of equipment used during typical mining operations are listed below. Additional, specialized mining or processing equipment may occasionally be brought to the site as needed.

- Excavators
- Front-End Loaders
- Bulldozers
- Skid-Steer Loaders
- Classifying Screens
- Conveyors
- Crushers
- Haul trucks

The granular deposits are prevalent through the entire depth of the subsurface. Mining will occur down to an elevation of 3' above the water table, as measured by the soil borings from the site. No dredging will occur. Excavation is anticipated to begin on the northeast corner of the mining area and work to the southwest.

The processing area will be set up on the floor of the mine and will be moved around the floor of the mine as needed during mining operations.

The overall volume of the excavation shown on Sheet 2 of the Mining Plans is approximately 1,853,100 cubic yards. Of this volume, it is anticipated that approximately 1,620,700 cubic yards of material will be exported as granular product, with the remaining 232,400 cubic yards assumed to be topsoil and non-granular overburden material that will remain on site for use as reclamation fill. The overall excavation volume and lifespan of the mine will ultimately be determined by market demand for aggregates. For the purposes of the IUP application, it is estimated that on average the mine will export 50,000 cubic yards per year, and during a high-demand year may export up to 100,000 cubic yards. This rate of export results in a 16- to 32-year operating life.

Upon completion of the mining, the Pit will be restored for end use as low-density residential. Reclamation conditions are shown on Sheet 5 of the Mining Plans. It is anticipated that the Pit will require approximately 868,400 cubic yards of reclamation fill to establish the grades shown on Sheet 5, resulting in an approximately 636,000 cubic yard shortage of overburden. The required soil will be imported from other job sites that have excess fill materials. Additional detail on site reclamation is presented in Section 4 of this application.

2.3 Ghost Plat

The City of Rogers has requested that a Ghost Plat be provided for the site to demonstrate a possible layout for residential zoning that is planned following closure of the mining operation. The Ghost Plat is provided in Appendix C.

3.0 OPERATIONAL STANDARDS

3.1 Hours of Operation

Hours of operation for mining and processing operations are from 7:00 a.m. to 7:00 p.m., Monday through Friday and 7:00 a.m. to 3:00p.m. on Saturdays.

3.2 Site Access

Access to the mine will be via a driveway entrance off of 141st Avenue N at the location shown on the IUP Drawings. The entrance will be 50-feet wide to accommodate mine traffic. The entrance will be paved and will include a rock construction exit immediately south of the paved area. Truck traffic exiting the mine will be directed west on 141st Avenue N, then north or south on Territorial Road, depending on the location of the project being served. Temporary internal haul roads for each phase are shown on Sheets 3A - 3F of the Drawings located in Appendix A.

3.3 Mining Limits and Setbacks

Mining and processing will not take place within 50 feet of a property line or road right-of-way. The setback from homes will be a minimum of 200 feet. The total operational mining area will not exceed 33.66 acres.

3.3.1 Floodplains

The site is not located within the Floodplain Overlay District.

3.3.2 Wetlands

Wetlands shown on the drawings were determined by a wetland delineation performed by Carlson McCain, Inc. dated June 26, 2023, which can be found in Appendix D. The mining limits are at least 30 feet from the wetlands. One wetland will be removed during the life of the Facility. Further discussion of this removal is described in Section 7.

3.4 Non-Granular Material

All non-granular overburden material will be used as reclamation fill.

3.5 Vertical Faces

Vertical faces will be kept to a minimum. Typical slopes on the active mining face are approximately 2:1 (horizontal to vertical).

3.6 Housekeeping and Site Safety

The mine site employs good housekeeping practices. Examples of these good housekeeping practices include the following:

- Equipment will be inspected daily during normal operations and kept in good working order.
- Equipment washing will occur in a designated area and no detergent or chemicals will be used to wash equipment onsite.
- Any fuel or chemical stored onsite will be stored in compliance with all applicable MPCA requirements. Secondary containment will be provided for all tanks.
- Leaks and spills will be promptly cleaned up and reported to the site manager and MPCA as appropriate. Spill cleanup material will be stored onsite in an accessible.
- Appropriate waste receptacles will be available to employees and customers to prevent litter around the site.
- Sanitary facilities will be available on site and will be serviced regularly.
- Routine employee training is conducted on good housekeeping practices and spill response.

Veit maintains a corporate safety manual which describes safety standards that will be employed at the mine site.

3.7 Environmental Controls

The project size does trigger preparation of a mandatory Environmental Assessment Worksheet (EAW). This narrative is included in the EAW as an Attachment. Operational practices used to prevent environmental impacts are presented in the EAW Narrative.

A National Heritage Review was performed for the site and it was determined to be a potential habitat for Blanding's turtles. As such, a plan for identifying, moving, and mitigating impacts to Blanding's turtles has been added as Sheet 6 of the Mining Plans located in Appendix A.

3.8 Traffic

The mine will generate additional vehicle traffic resulting from the import/export of soil and aggregate materials to and from the mine site, as well as employee commuting and vendor/supplier visits to the site. This section provides an analysis of the estimated additional traffic in terms of the average daily traffic (ADT) and the peak hourly traffic generated.

Average Daily Traffic

The ADT is related to the rate of material production and import/export at the mine. The higher the production rate, the more truck traffic will be generated to haul the product to the market area.

As noted above in Section 2.2, it is estimated that the average production would result in approximately 50,000 cubic yards of exported material per year, and high production would result in approximately 100,000 cubic yards of exported material per year. Assuming a unit weight of 1.4 tons per cubic yard, this equates to an average export of 70,000 tons per year and a high of 140,000 tons

per year. Approximately 636,000 cubic yards of reclamation fill will need to be brought to the site. Assuming a unit weight of 1.1 tons per cubic yard, this equates to approximately 699,600 tons over the life of the facility. To determine the corresponding number of truck trips, the following assumptions are used:

- A typical load of exported aggregate or imported reclamation fill is 20 tons.
- Each load includes two trips: one into the site and one out of the site.
- Hauling occurs 180 days per year.
- Reclamation fill loads are expected to closely follow mining loads. Since the amount of material imported is nearly equal to the amount of material exported, they were assumed to be the same for this analysis.

Table 1 – ADT Summary

	Loads per day - Average	Loads per day - High
Aggregate	20	39
Reclamation Fill	20	39
	Trips per day – Average	Trips per day - High
Aggregate	40	78
Reclamation Fill	40	78
Employees/Suppliers	6	8
Total trips per day (ADT)	86	164

The estimated ADT presented above is based on anticipated production rates. Actual production rates may vary from those shown depending on market conditions.

Peak Hourly Traffic

The a.m. peak hourly traffic is estimated to be 17 trips per hour, or 10% of the High ADT, and is expected to occur between 6:30 a.m. and 8:00 a.m. The p.m. peak hourly traffic is estimated to be 14 trips per hour, or 8% of the High ADT, and is expected to occur between 3:00 p.m. and 4:00 p.m.

The “worst-case” hourly traffic is estimated using an import/export rate of one load every 4 minutes, which Veit estimates is the highest feasible rate based on anticipated site equipment and operational constraints. This results in 15 loads, or 30 truck trips per hour. The worst-case traffic would occur infrequently and for limited duration throughout the life of the mine.

3.9 Erosion Control

Topsoil Management

Topsoil will be stripped to the full depth at the commencement of mining and segregated into in a dedicated stockpile or used in the construction of screening berms. The topsoil stockpile will be labeled with signage identifying the contents of the stockpile. The topsoil stockpile area will shift throughout the life of the mine. The side slopes of the topsoil stockpile will be uniformly graded and

vegetated. Silt fence will be installed on the downslope side of the topsoil stockpile and maintained until the stockpile has been vegetated (at least 70% coverage) and there is no evidence of erosion around the pile.

Topsoil will be placed to a minimum depth of 4-inches, which corresponds to a volume of approximately 4,000 cubic yards over the reclamation area. A topographic survey of the topsoil stockpile will be conducted prior to re-spreading to confirm that enough topsoil will be available for reclamation. Once the topsoil is placed it shall be tilled or disced prior to seeding to ensure that the soil meets compaction requirements. Once topsoil is placed, heavy traffic and equipment should be kept off the topsoil to the maximum extent possible to prevent any unnecessary compaction.

4.0 STORMWATER MANAGEMENT STANDARDS

4.1 General Standards

Stormwater management for the mining and reclamation operation will comply with runoff quantity, quality and rate control regulations as specified by the MPCA as well as requirements of the National Pollutant Discharge Elimination System (NPDES) including obtaining a permit and adoption of a Pollution Prevention Plan (P2 Plan). The P2 Plan addresses stormwater management and is required for coverage under the NPDES Nonmetallic Mining and Associated Activities permit (MNG490000).

4.2 Pre-Settlement Conditions

The site presently drains to the wetland located in the northwest corner of the site. There are two catchment areas that drain to a wetland in the center of the site or to a depression in the northeast corner of the site. Both of these areas ultimately drain to the wetland in the northwest corner of the site when the wetland or depression are overtopped. Please see Sheet 1 of the P2 Plan located in Attachment F of the EAW for existing surface water flow direction.

4.3 Active Mining Condition

During mining operations, stormwater runoff contacting the mining and processing areas will be completely contained within the mining area for the 2, 10, and 100-year storms and will subsequently infiltrate or evaporate. The pond that is created from mining operations will receive runoff during the active life of the mine. Areas where runoff from the access road to the active mining area cannot be directed to the mining pit, will be directed to a temporary sedimentation trap, before outletting to the northwest wetland.

Stormwater runoff chemical composition will not differ appreciably from current conditions. An increased sediment load can be expected for runoff from the active mining area, however this water will be contained on site and infiltrate into the subsurface so there will not be additional sediment transported to off-site water bodies. HydroCAD calculations for the mining phase were not performed due to the runoff from added impervious areas being contained in the mining pit, which will not outlet, and therefore will result in a runoff rate of 0 cfs. Due to the varying nature of the entrance road throughout the life of the mine this area wasn't modelled either. A sediment trap/basin shall be designed to provide a live storage for a calculated volume of runoff from a ten (10)-year 24-hour storm from each acre of road that is directed to the trap/basin. Runoff from haul roads shall be directed to the active mining area as much as possible.

4.4 Reclamation Condition

The site will be reclaimed to maintain flow to the wetland in the northwest corner of the site, please see Sheet 5 of Appendix A. The majority of the site will drain to the wetland, except for one small area that flows to the depression in the northeast corner of the site. Any overtopping from this depression will flow to the wetland in the northwest corner of the site.

Due to the no increase in impervious surface and the increase in the time of concentration between the pre-settlement and reclamation phases, water quality, discharge rate and volume control will be maintained or improved from the pre-settlement conditions.

5.0 EROSION AND SEDIMENT CONTROL MEASURES

Soil erosion and sedimentation will be minimized on the Site throughout the duration of mining and reclamation activity by the following practices in order to prevent erosion or sedimentation that results in damages to water or off-site impacts. Additional detail on stormwater controls can be found in the P2 Plan located in Attachment F of the EAW.

5.1 Mining/Processing Construction and Operations

Site soils are granular and highly erodible; however no sediment resulting from mining activities will be allowed outside of the mining limits. Mine slopes will be a maximum grade of 2H:1V, during active mining only and sediment generated from erosion of the active mining face will be contained on-site within the excavation.

Mining will begin in Phase 1 and proceed within Phase 1 down to a base grade shown on Sheet 2 of Appendix A. Mining in Phase 1 will involve excavating topsoil and overburden. This topsoil and overburden will be used to construct the screening berms. Once reclamation begins in Phase 1, overburden from within Phase 2 will be stripped and used to construct the screening berms for Phase 2 or will be used as reclamation fill in Phase 1. Mining will then proceed into Phase 2. This process will continue through Phase 7.

As mining in each phase nears completion, the screening berms will be removed from the outer edges of the active phase ("outer edge" indicates areas that are at the edge of the overall mine boundary) for reclamation soils. The remaining area will be mined and reclaimed, at which point the outer edge screening berms will be replaced. This process is described on Sheet 3 of the Drawings located in Appendix A. Sheets 3A – 3F of the Drawings located in Appendix A, show the temporary screening berms and access road as they will look prior to mining the outer edge of the respective Phase. These drawings also include reclamation grades for prior phases.

Depending on the locations of processed aggregate stockpiles, additional erosion controls such as silt fence or grading and/or berm construction may be necessary to contain or redirect sediment that may erode from the stockpiles. Sand and gravel stockpiles will typically not require barrier-type erosion controls during active mining due to being located within the active mining area; however once adjacent phases are reclaimed silt fence will be installed around un-worked areas of the stockpiles to prevent sediment transport onto reclaimed areas. Temporary silt fence may be used around other portions of the mine during start-up activities such as topsoil stripping. Temporary sediment traps may also be employed as needed to prevent any off-site discharge during start-up, particularly during development of the processing plant site. Permanent double silt fence will be utilized around nearby wetlands until reclamation is complete to protect the wetlands from any erosion or sedimentation.

5.2 Reclamation Construction and Operations

As mining progresses, reclamation will occur as permissible in those areas where mining is complete. This will include placing reclamation backfill materials as needed to establish the approximate grades shown on Sheet 5 of the Mining Plans. The final land use for the mining area will be for low-density

residential development. The final topography in the former mining area will be established such that the peaks and depressions of the area shall be reduced to a surface which will result in a gently rolling topography in substantial conformity to the land area immediately surrounding the site, and which will minimize erosion due to rainfall. Upon completion of all mining activities, gravel and pavement will be removed from the entrance road, the underlying soil will be ripped, and the area will be topsoiled and seeded. Pavement may be maintained in the ROW to continue to provide access to the property. Stormwater will flow towards the northwest wetland. Final reclamation grades will mimic the existing drainage.

Reclamation slopes will be graded to a slope of 4H:1V or flatter over the entire reclamation area. As finished reclamation grades are established, areas will be seeded with MnDOT seed mixture MI (Mesic Inslope)(formerly 25-141) at a seeding rate of 59 pounds per acre, MnDOT Type 1 Mulch (2 tons/acre) or MnDOT Type 3N Erosion Control Blanket, and commercial fertilizer (application rate will be determined from soil testing prior to reclamation) will be used. Ensure that all erosion control products are biodegradable. Any netting in erosion control products shall be rectangular shaped (not square mesh) and be made of flexible (non-welded) mesh. Upon establishment of end-use conditions, sediment carried by stormwater over reclaimed areas will be collected within surrounding surficial depressions\wetlands, in a similar manner to the current surface drainage.

The following additional reclamation standards will be implemented:

- All materials used for reclamation backfill shall be free of contaminants and shall be non-noxious, non-flammable and non-combustible.
- The graded or backfilled area shall not collect or permit stagnant water to remain therein, unless there is an approved ponding area or wetland restoration or creation.
- Graded or backfilled areas shall be surfaced with at least four inches of soil of a quality at least equal to the topsoil of the surrounding area.
- Reclamation will be completed within 9 months after completion of mining within a phase, or after the termination of mining. This includes removal of all equipment, vehicles, machinery, materials, stockpiles and other materials incidental to the mining operation.
- Reclamation will result in no increase in impervious area from existing conditions.
- Erosion and sediment control measures specified in the P2 Plan will be followed until the termination of applicable permits (e.g. NPDES)

5.3 Crushing and Screening Equipment

Equipment will be inspected daily during normal operations. Leaks and spills will be promptly cleaned up and reported to the supervisor and MPCA as appropriate. Maintenance of the equipment will be routinely conducted. Crushing will only occur onsite for one week per year.

5.4 Fuel/Chemical Storage and Fueling

Any fuel or chemical stored onsite will be stored in compliance with all applicable MPCA requirements. Secondary containment will be provided for all tanks. Fueling will be conducted on impermeable areas or with portable pans.

5.5 Spills or Leaks

Spill cleanup material will be stored onsite in a covered area. Any spill will be reported to the Site Manager. If possible, any spill will be plugged or stopped. Absorbent materials and sand will be used to contain or isolate the spill and prevent it from contacting any surface water.

5.6 Roads and Vehicles

The majority of the internal haul roads will be gravel surfaced. The haul roads will be watered as needed to control dust. The main entrance to the Site will be paved and monitored for dust and soil tracking and corrective action will be taken to reduce dust and tracking as necessary. Soil tracked onto public right of ways will be swept immediately. On especially hot and dry days, extra water will be applied to the roads to suppress blowing dust.

5.7 Vehicle and Equipment Maintenance and Washing

All used oil from any oil changes performed onsite will be collected in a leak proof metal container and recycled offsite. No detergent or chemicals will be used to wash equipment onsite. Wash water will be directed to onsite infiltration areas and will not be discharged from the Site.

5.8 Blanding's Turtle

The following measures shall be taken to ensure that the project does not affect any possible Blanding's Turtle population:

- Wetland removal shall not occur between September 15th and April 15th, which are considered the hibernation period for Blanding's Turtles. The wetland may be removed during these dates if an expert in Blanding's Turtles determines that the area is not suitable for hibernation.
- Erosion and sediment controls shall be limited to wildlife friendly erosion control to avoid the inadvertent take of Blanding's turtles.
- Hydro-mulch products shall not contain any materials with synthetic (plastic) fiber additives, as the fibers can re-suspend and flow into waterbodies.
- The Blanding's turtle flyer shall be given to all contractors working on the site.
- Bare ground within construction areas shall be thoroughly checked for turtles before the use of heavy equipment or any ground disturbance.
- Any sightings of Blanding's turtles shall be reported to Reports.NHIS@state.mn.us and shall include the date, observer, location, and photograph of the Blanding's turtle.
- Project personnel shall install silt fencing around all soil stockpiles, gravel pads, and other areas of exposed soil/sand/sediment where work will occur to prevent turtle access from May 15th to July 15th. Silt fence shall be buried a minimum of 10-inches, regularly inspected, and maintained as needed. Temporary fencing shall be removed by project closeout.

- If any turtles are found in imminent danger, they must be moved by hand out of harm's way, otherwise they are to be left undisturbed. Directions on how to safely move turtles will be provided to all workers onsite.

5.9 Erosion and Sediment Control Device Schedule

Table 5.1 on the following page summarizes anticipated erosion and sediment control devices and provides a schedule and timing of their installation, inspection and maintenance, and removal.

TABLE 5.1 Erosion and Sediment Control Device Implementation Schedule			
Item	Installation	Inspection/Maintenance	Removal
Construction Entrance	Install prior to any construction	Inspect daily. Maintain as required. Inspect for evidence of off-site sediment tracking. Remove any tracked sediment on a daily basis.	N/A
Temporary Stormwater Pond or Sedimentation Trap	Install prior to rough grading. Direct surface water runoff to the pond.	Inspect a minimum of once every 14 days or 24 hours after a rain event greater than 0.5-inches in a 24 hour period. Drain pond and remove sediment when the depth of sediment in basin reaches ½ of the storage volume. Complete sediment removal within 72 hours of discovery	Remove temporary ponds once plant site grading is established
Temporary or Permanent Soil Stabilization	Install within 14 calendar days (7 for impaired waters) of initial soil disturbance for all unworked exposed soil areas.	Inspect minimum once every 14 days or 24 hours after a rain event greater than 0.5-inches in a 24 hour period, or 24 hours after flood water recedes. Make necessary repairs within 24 hours of discovery or 24 hours after safe access conditions.	N/A
Protection of Temporary Stockpiles and Disturbed Areas	Immediately install silt fence, or other sediment controls, around stockpiles where off-site transport is possible.	Inspect a minimum of once every 14 days or 24 hours after a rain event greater than 0.5-inches in a 24 hour period. Remove sediment as required. Make necessary repairs within 24 hours of discovery	After stockpiles have been removed and disturbed areas have been stabilized.
Temporary or Permanent Drainage Ditch Stabilization	Install within 24 hours: 200 lineal feet from the point of discharge. Install within 14 calendar days (7 calendar days for impaired waters): beyond 200 lineal feet from the point of discharge.	Inspect a minimum of once every 14 days or 24 hours after a rain event greater than 0.5-inches in a 24 hour period. Make any necessary repairs within 24 hours of discovery.	N/A
Screening Berm Permanent Slope Stabilization	Install within 14 calendar days of the completion of construction of the berm	Inspect minimum once every 14 days or 24 hours after a rain event greater than 0.5-inches in a 24 hour period, or 24 hours after flood water recedes. Make necessary repairs within 24 hours of discovery or 24 hours after safe access conditions.	N/A
Silt Fence	Install prior to any construction	Inspect daily. Maintain as required. Inspect for evidence of off-site sediment tracking. Remove any tracked sediment on a daily basis.	Prior to project closeout

6.0 DUST CONTROL

This Section describes techniques that will be used to control fugitive dust emissions at the mine site. The dust control plan includes control techniques for dust emissions resulting from vehicle travel on paved and unpaved roads, processing operations (crushing, stockpiling, screening, etc.), wind erosion from disturbed ground surfaces, and general mining activities.

Selection of control techniques to be used at any given time will be based upon the dusting potential, which is primarily dependent upon moisture and wind conditions. Sheet 4 of the Drawings located in Appendix A shows the proposed mine at a mid-point of its development and illustrates conceptually how dust control measures will be implemented at the site. The information described on Sheet 4 applies to all Phases despite only showing procedures for Phase 6. The overall intention is to employ Best Management Practices (BMPs) to control fugitive dust emissions.

6.1 Techniques for Road Surfaces

Four primary techniques will be used for controlling fugitive dust emissions resulting from vehicle traffic on the access roads into and around the proposed mine. These are defined as follows:

6.1.1 Water Application

Application of water to road surfaces (paved and unpaved) will be the primary technique used for dust control. A self-contained water truck will be on-site at all times. Should the truck break down or be inoperable for any reason a working truck will be brought to the site within 24 hours. Water will be applied at the start of each working day when there is a potential for significant fugitive dust emissions based upon site and climatic conditions (generally when no rain fell overnight and there has been no chemical treatment in effect). Water will be applied at a rate of at least 0.01" over the surface area requiring treatment. Water will be reapplied during each working day as needed to maintain dust control.

6.1.2 Road Maintenance/Grading

Road maintenance and grading will be performed to minimize dust emissions. Such practices will include:

- Periodically removing gravel that has been clogged with fines and replacing with fresh gravel
- Designing/constructing roads within the site to minimize travel distances and exposure to prevailing winds
- Removing and re-vegetating roads that are no longer required
- Use temporary or permanent windbreaks or berms when applicable
- Maintaining unpaved roads in a well-graded condition
- Street sweeping of the site entrance and adjacent streets will be performed on a weekly basis, and at more frequent intervals if conditions warrant such action and as ordered by the City Engineer.

6.1.3 Rumble Strips

Coarse rock rumble strips will be maintained at the point of exit from the mine proper to minimize tracking of mined aggregate beyond the mine boundary. This technique will minimize deposition of fines onto paved and unpaved access/service roads and will minimize the potential dust emissions accordingly. Rumble strips will be washed down and/or supplemented with additional rock as needed to maintain functionality.

6.1.4 Operational Controls

Operational controls will be used to control fugitive dust emissions where feasible. Such controls may include:

- Limiting on-site vehicle speed to 20 mph. Speed limit enforcement on off-site roads will be addressed contractually with haul truck operators.
- Limiting unnecessary traffic within the site by providing direct routes from the property entrance to the active mining and processing areas.
- Limiting travel of tracked and off-road vehicles to that required for providing essential services.

In addition to these four primary techniques, chemical dust suppressants such as magnesium chloride may be applied to especially high-traffic areas such as near the scale house where frequent watering may be difficult.

6.2 Techniques for Active Mine Surfaces

In total, there will be 7 mine phases. Each active phase will be reclaimed before another active phase is begun. As the mine surface dries, a crust will form naturally. The crust is an agglomeration of finer particles, and controls potential dust emissions by reducing the amount of fine-size particles on the surface and concealing fines below the crust.

The primary techniques to be used for fugitive dust control from active mine surfaces are:

- Apply water to mined aggregate surfaces as needed to control dust emissions. A water tank truck equipped with spray nozzles will be maintained on site for this purpose.
- Minimize vehicle travel on mined aggregate surfaces. This will be done by reducing the distance aggregate will be hauled by extending the conveyor belt system near the limits of the active mine area. This will allow a crust to form and be maintained, reducing the potential for fugitive dust emissions.
- Minimize the size of the active mine area. Minimizing the size of the mined aggregate surface that is routinely disturbed will prevent more susceptible particulates from becoming airborne.

6.3 Techniques for Inactive Mine Areas

Inactive mine areas are those that have mined down to water table depth, areas that are being reclaimed, or areas that have been reclaimed but have not yet established vegetation. Inactive mine areas will be reclaimed with soil materials to reach a final grade. Reclamation phases will follow behind active mine phases and will be controlled similarly. Reclamation soils will be graded and compacted immediately after being unloaded from trucks. This control will result in mechanical disturbances of the soils being performed while it is still moist and less susceptible to becoming airborne. Water will be applied as needed to control fugitive dust emissions. Traffic on reclaimed areas will be restricted to avoid disturbing the crust and thus minimizing dust emissions associated with vehicle traffic and wind.

Vegetation will be established on all reclaimed areas shortly after it has reached final grade. Establishment of vegetation will bind fines into the root matrix and provide a shield against wind, effectively minimizing dust emissions from these surfaces.

6.4 Techniques for Processing Activities

Implementing fugitive dust controls will be a contractual obligation of the mining contractor during processing events at the facility. Processing activities include any dust-emitting activity that occurs once the mined aggregate has been placed on the conveying system. Dust control techniques will include:

- Extending conveyor belts at or near active mining areas
- Using water during screening operations
- Sequencing mining activities to minimize dust emissions

6.5 Techniques for Closed Mine Areas

Closed mine areas are those areas within the mine upon which vegetation has been permanently established. Watering of closed areas will be performed if needed to maintain vegetation. Traffic on closed areas will be limited to that required for inspection and maintenance of the final cover and associated controls.

6.6 Site Screening

All soil removed that isn't aggregate or sand will be used to construct 6-foot tall screening berms. The screening berms will be constructed around the entirety of the active mining area. As mining in each phase nears completion, the screening berms will be removed from the outer edges of the active phase ("outer edge" indicates areas that are at the edge of the overall mine boundary) for reclamation soils. The remaining area will be mined and reclaimed, at which point the outer edge screening berms will be replaced. This is shown on Sheet 3 of the Drawings in Appendix A.

7.0 WETLAND IMPACTS

One wetland will be removed as a part of the proposed mining plan. Veit has wetland credits that they plan to use to mitigate this removal. An application for the removal of the wetland will be applied for following the approval of the EAW. Removal applications can not be approved until an EAW is complete.

8.0 CERTIFICATION

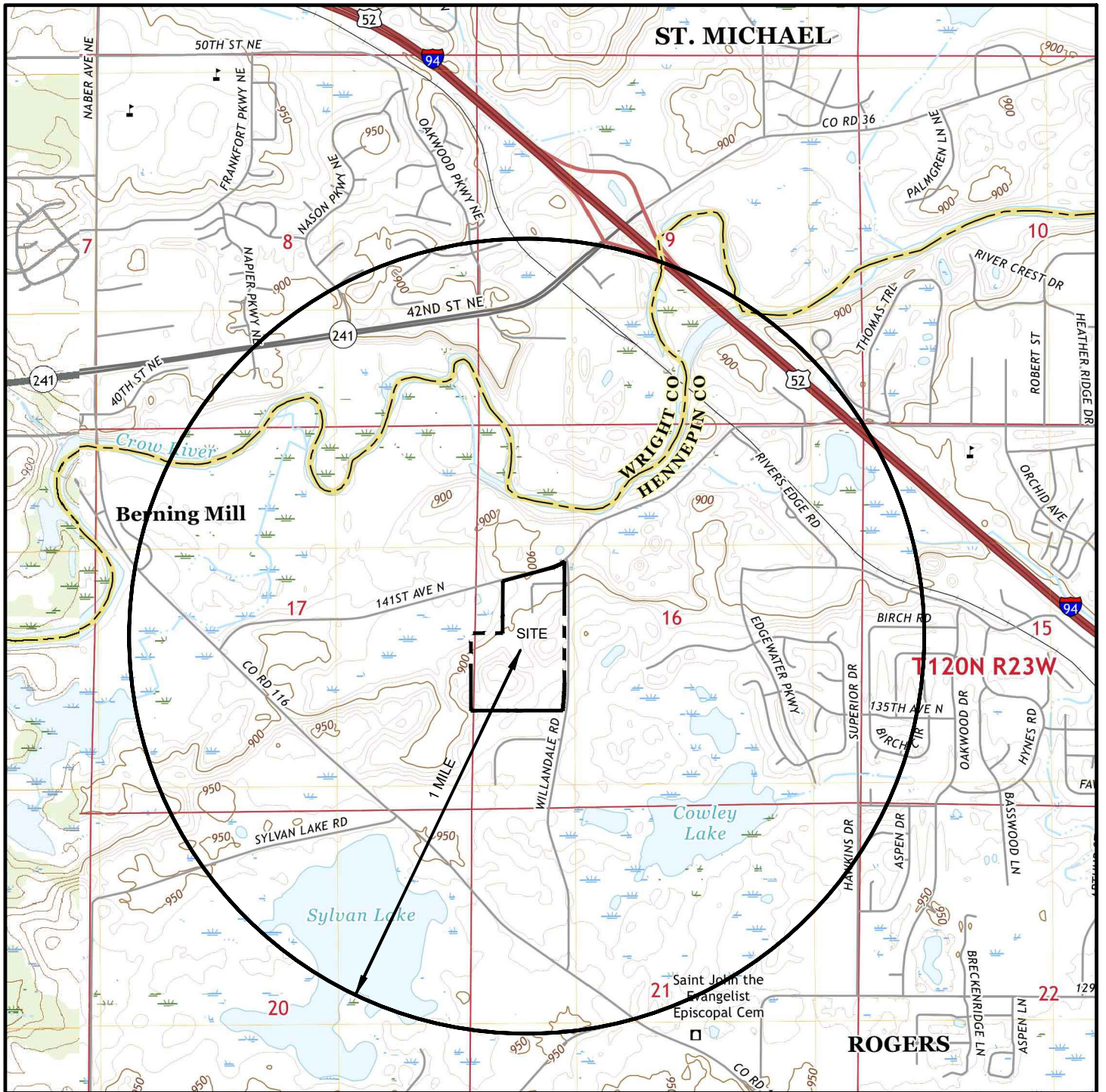
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Dan Wilke, P.E.

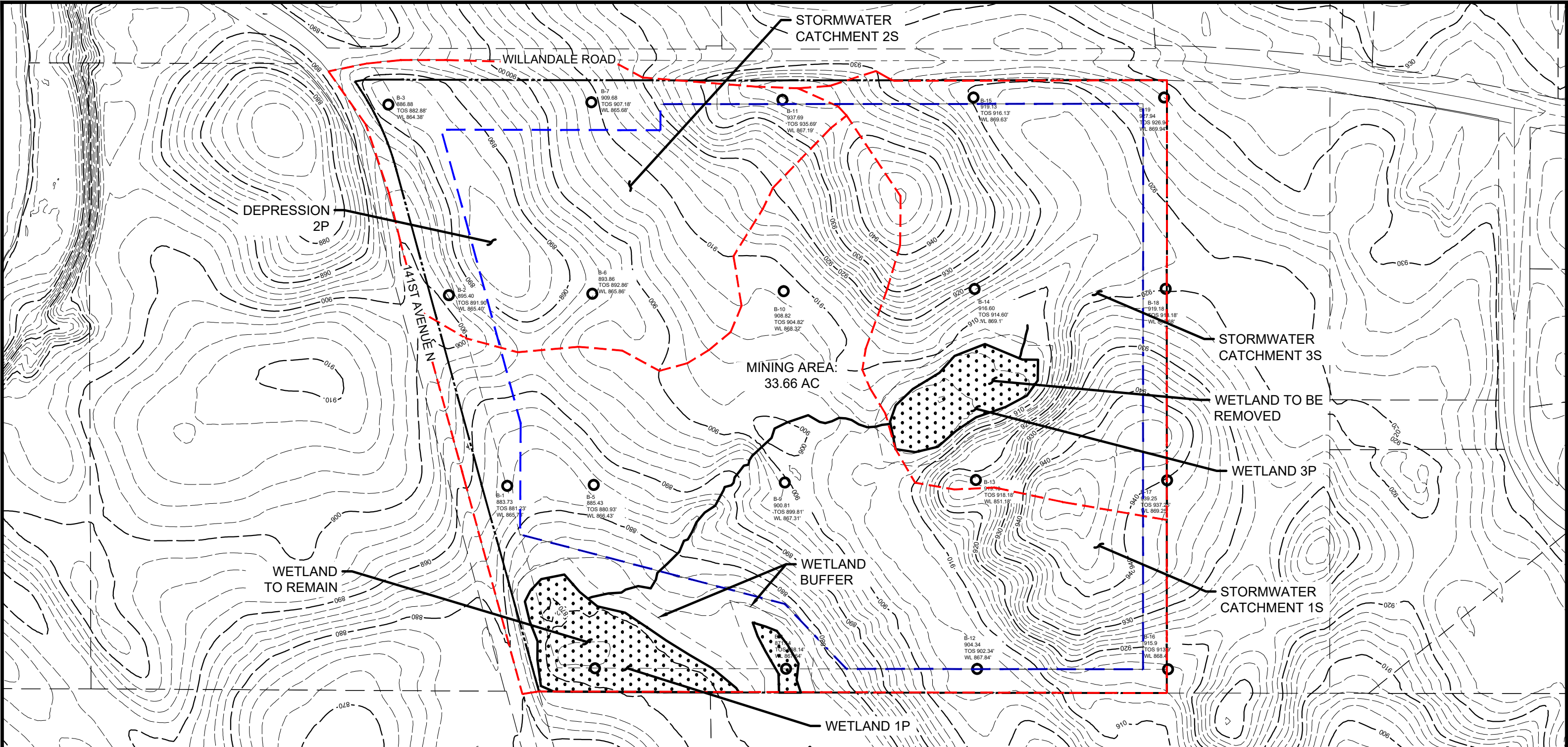
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Figures



SOURCE: USGS ROGERS * ST. MICHAEL 7.5 MIN. QUADRANGLE

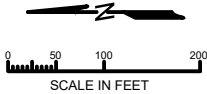
Appendix A
Mining Plan Drawings



BACKGROUND AERIAL SOURCE: GOOGLE EARTH

LEGEND

EXISTING CONTOUR IDX	---960---	MINING BOUNDARY	---
EXISTING CONTOUR INT	----	SETBACK	----
PROPERTY BOUNDARY	----	STORMWATER CATCHMENT	----
	----	WETLANDS	----



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Signature: *Dan Wilke*
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Designed: DJW
Date: 04/29/24

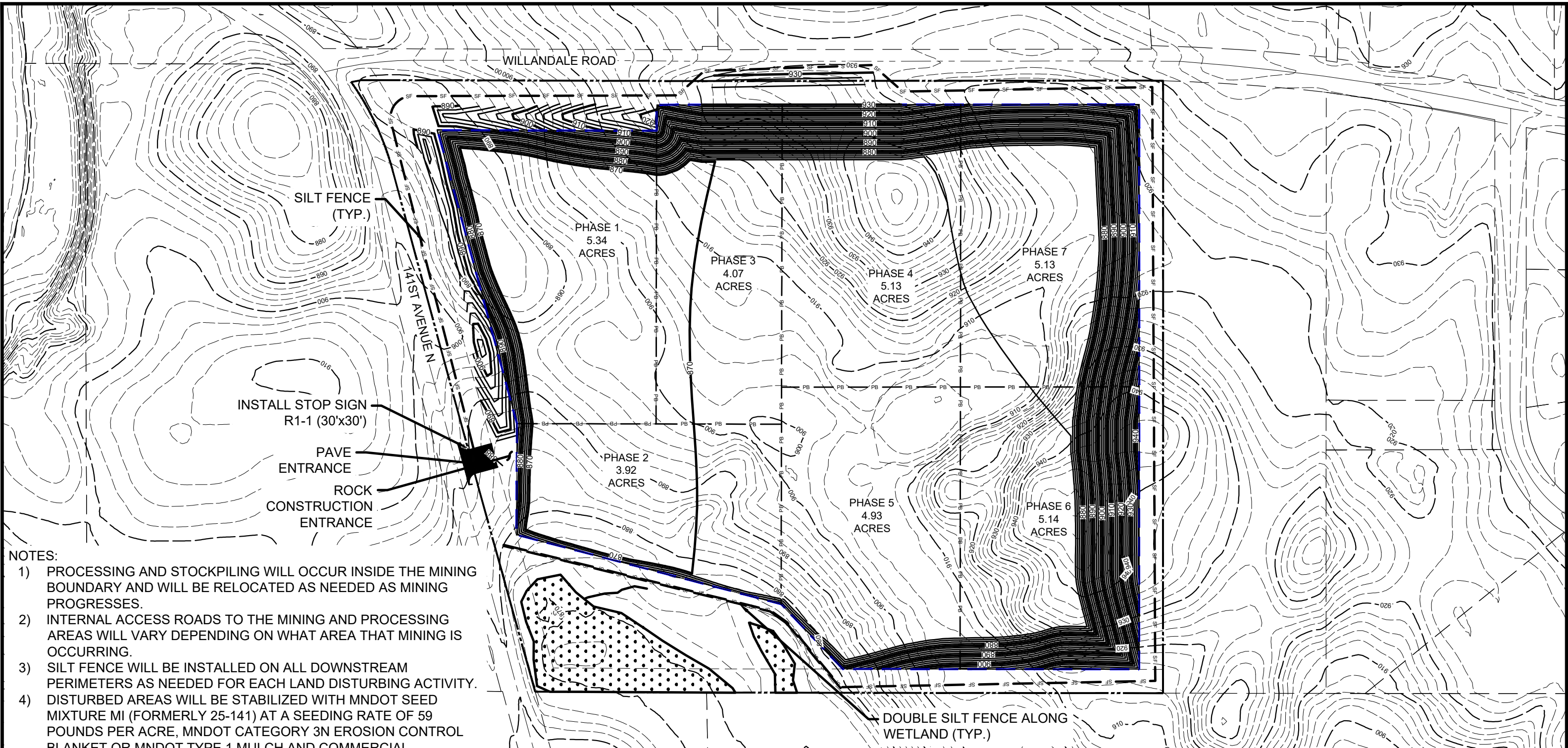
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1	06/25/2024	DJW	PER CITY COMMENTS
2	08/13/2024	DJW	UPDATED FOR IUP SUBMITTAL
3	10/02/2024	DJW	PER CITY COMMENTS

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1
of
7



BACKGROUND AERIAL SOURCE: GOOGLE EARTH

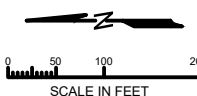
NOTES:

- 1) PROCESSING AND STOCKPILING WILL OCCUR INSIDE THE MINING BOUNDARY AND WILL BE RELOCATED AS NEEDED AS MINING PROGRESSES.
- 2) INTERNAL ACCESS ROADS TO THE MINING AND PROCESSING AREAS WILL VARY DEPENDING ON WHAT AREA THAT MINING IS OCCURRING.
- 3) SILT FENCE WILL BE INSTALLED ON ALL DOWNSTREAM PERIMETERS AS NEEDED FOR EACH LAND DISTURBING ACTIVITY.
- 4) DISTURBED AREAS WILL BE STABILIZED WITH MNDOT SEED MIXTURE MI (FORMERLY 25-141) AT A SEEDING RATE OF 59 POUNDS PER ACRE, MNDOT CATEGORY 3N EROSION CONTROL BLANKET OR MNDOT TYPE 1 MULCH AND COMMERCIAL FERTILIZER.
- 5) ENSURE THAT ALL EROSION CONTROL PRODUCTS ARE BIODEGRADABLE. ANY NETTING IN EROSION PRODUCTS SHALL BE RECTANGULAR SHAPED (NOT SQUARE MESH) & BE MADE OF FLEXIBLE (NON-WELDED) MESH.
- 6) THROUGHOUT THE MINING PHASE, RUNOFF FROM THE ACCESS ROADS SHALL BE COLLECTED IN THE ACTIVE MINING AREA OR IN SEDIMENTATION TRAP(S)/BASIN(S). SEDIMENTATION TRAPS/BASINS SHALL BE DESIGNED WITH A LIVE STORAGE VOLUME EQUAL TO A 10-YEAR STORM EVENT FOR THE AREA COLLECTED AND SHALL BE CONSTRUCTED PER MN STORMWATER MANUAL STANDARDS.

LEGEND

EXISTING CONTOUR IDX	---	960	---	MINING BOUNDARY	---
EXISTING CONTOUR INT	---		---	SETBACK	---
MINING CONTOUR IDX	---	960	---	WETLANDS	---
MINING CONTOUR INT	---		---	SILT FENCE	SF
PROPERTY BOUNDARY	---		---		
MINING PHASE BOUNDARY	---	PB	---		

TOTAL MINING AREA:
33.66 AC
1,620,700 CY SAND



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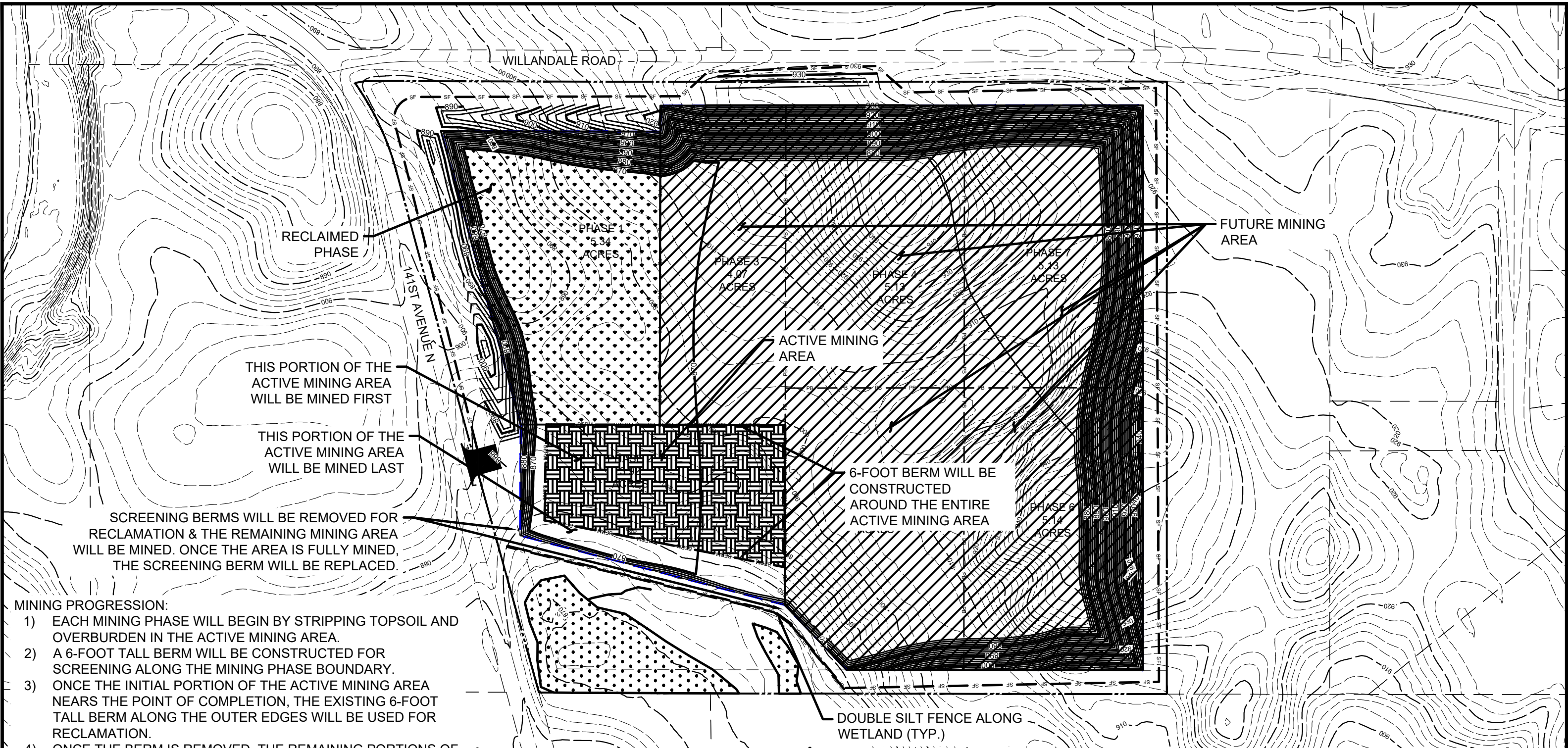
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Date: 04/29/24

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2	08/13/2024	DJW	UPDATED FOR IUP SUBMITTAL
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MINING & PHASING PLAN
IUP DRAWINGS



BACKGROUND AERIAL SOURCE: GOOGLE EARTH

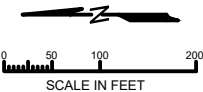
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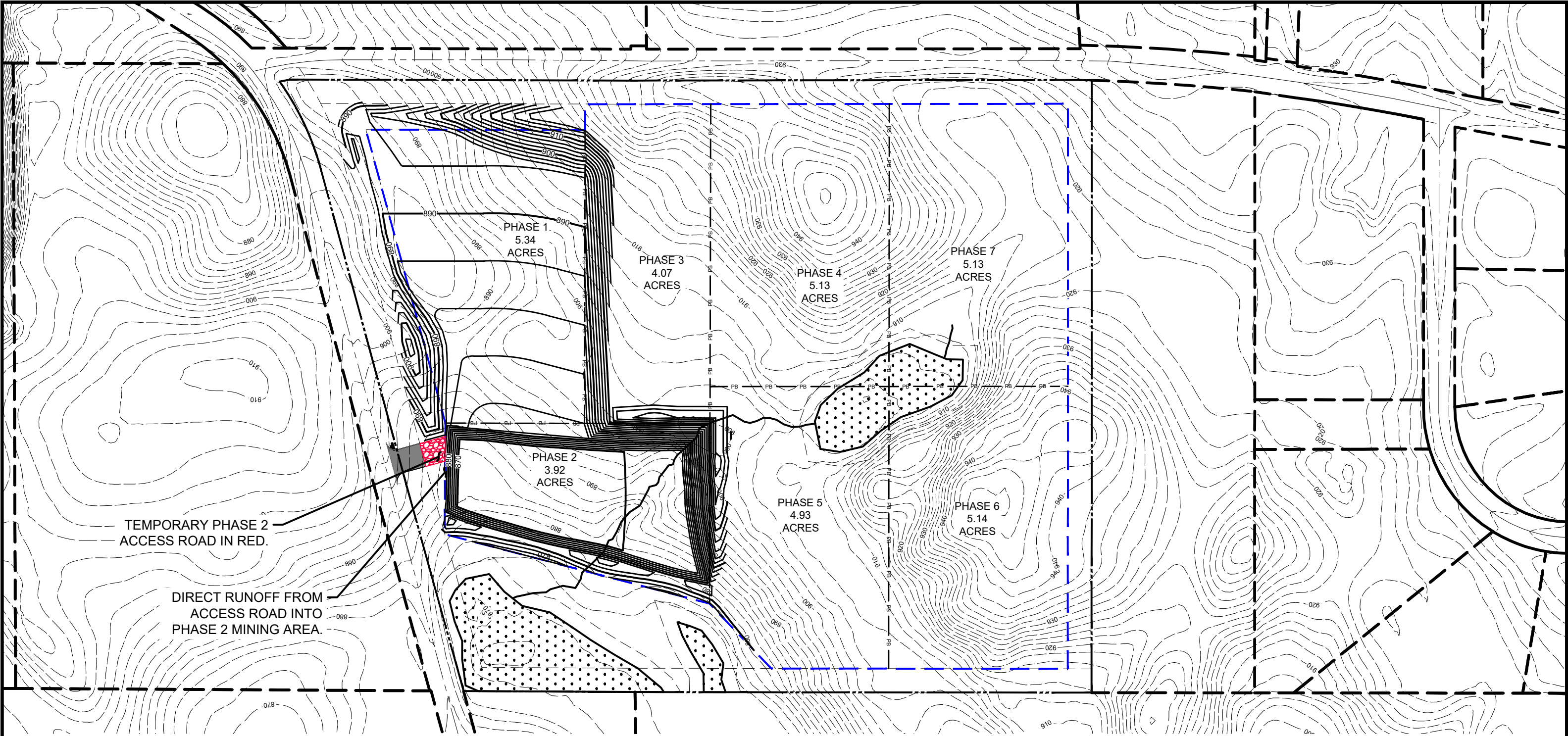
- 1) EACH MINING PHASE WILL BEGIN BY STRIPPING TOPSOIL AND OVERBURDEN IN THE ACTIVE MINING AREA.
- 2) A 6-FOOT TALL BERM WILL BE CONSTRUCTED FOR SCREENING ALONG THE MINING PHASE BOUNDARY.
- 3) ONCE THE INITIAL PORTION OF THE ACTIVE MINING AREA NEARS THE POINT OF COMPLETION, THE EXISTING 6-FOOT TALL BERM ALONG THE OUTER EDGES WILL BE USED FOR RECLAMATION.
- 4) ONCE THE BERM IS REMOVED, THE REMAINING PORTIONS OF THE ACTIVE MINING AREA WILL BE MINED TO COMPLETION.
- 5) UPON COMPLETION OF MINING, THE ACTIVE MINING AREA WILL BE RECLAIMED BY REPLACING THE OUTER BERM AND THE PROCESS DESCRIBED ABOVE WILL BE IMPLEMENTED IN THE NEXT MINING PHASE.
- 5) THROUGHOUT THE MINING PHASE, RUNOFF FROM THE ACCESS ROADS SHALL BE COLLECTED IN THE ACTIVE MINING AREA OR IN SEDIMENTATION TRAP(S)/BASIN(S). SEDIMENTATION TRAPS/BASINS SHALL BE DESIGNED WITH A LIVE STORAGE VOLUME EQUAL TO A 10-YEAR STORM EVENT FOR THE AREA COLLECTED AND SHALL BE CONSTRUCTED PER MN STORMWATER MANUAL STANDARDS.

LEGEND

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EXISTING CONTOUR INT	---	---	SETBACK	---
MINING CONTOUR IDX	---	-960-	WETLANDS	---
MINING CONTOUR INT	---	---	SILT FENCE	SF SF
PROPERTY BOUNDARY	---	---	6-FOOT TALL BERM	BERM BERM
MINING PHASE BOUNDARY	---	PB PB		

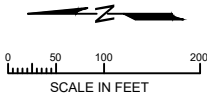
TOTAL MINING AREA:
33.66 AC
1,620,700 CY SAND





LEGEND

EXISTING CONTOUR IDX		MINING BOUNDARY	
EXISTING CONTOUR INT		SETBACK	
CONSTRUCTED CONTOUR IDX		WETLANDS	
CONSTRUCTED CONTOUR INT			
PROPERTY BOUNDARY			



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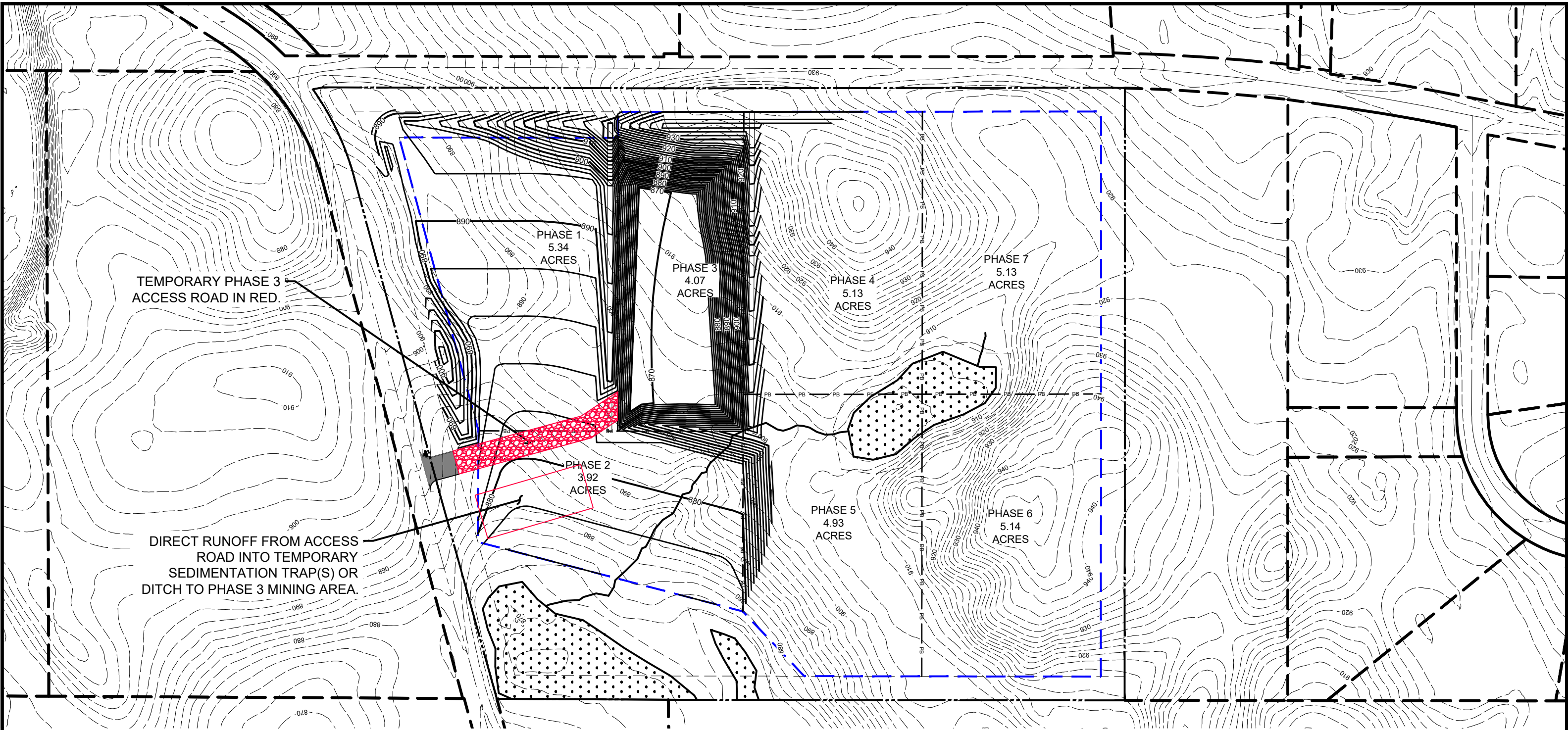
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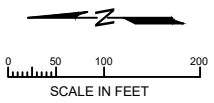
PHASE 2 INITIAL MINING PLAN
IUP DRAWINGS

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7



LEGEND

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EXISTING CONTOUR INT	---	SETBACK	---
CONSTRUCTED CONTOUR IDX	---	WETLANDS	---
CONSTRUCTED CONTOUR INT	---		
PROPERTY BOUNDARY	---		



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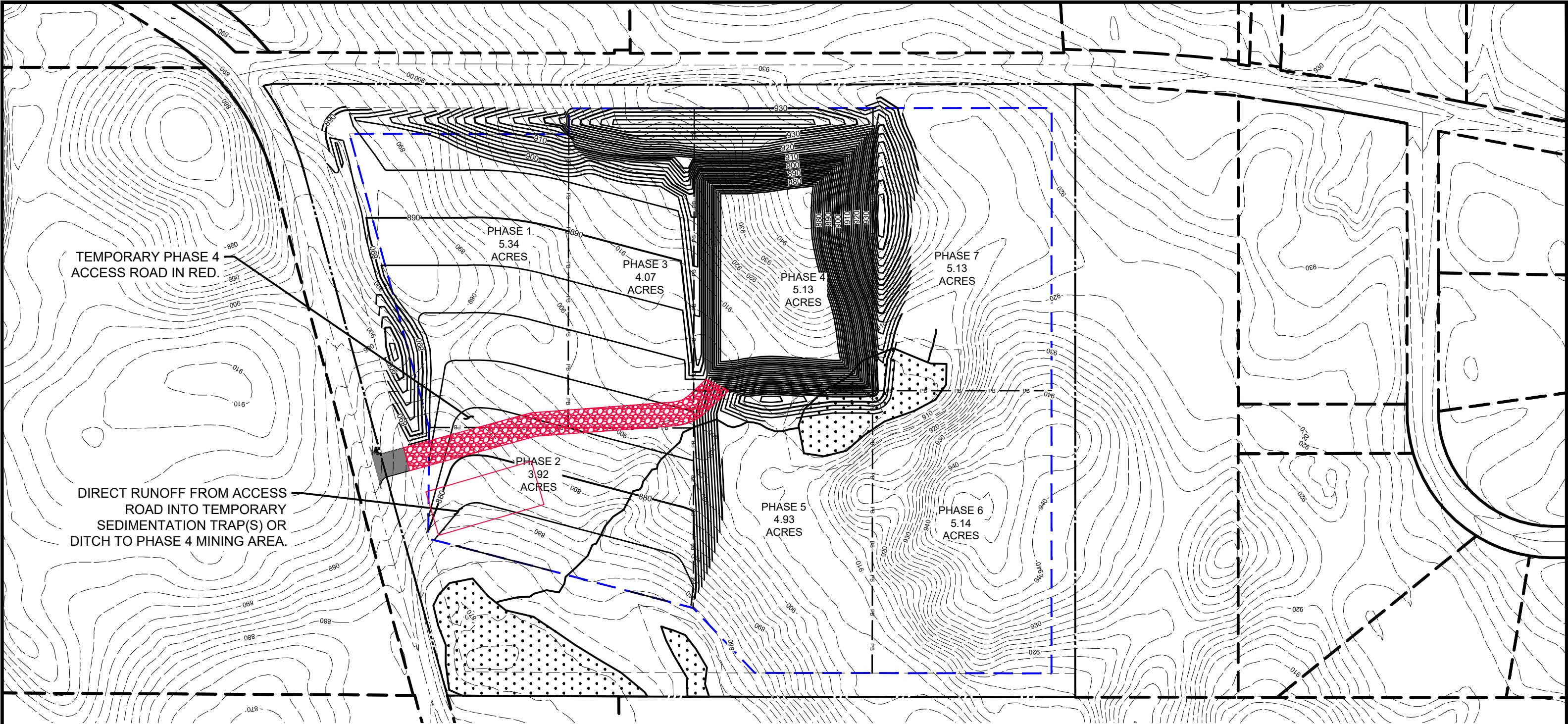
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PHASE 3 INITIAL MINING PLAN
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3B
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7



TEMPORARY PHASE 4
ACCESS ROAD IN RED.

DIRECT RUNOFF FROM ACCESS
ROAD INTO TEMPORARY
SEDIMENTATION TRAP(S) OR
DITCH TO PHASE 4 MINING AREA.

PHASE 1
5.34
ACRES

PHASE 3
4.07
ACRES

PHASE 4
5.13
ACRES

PHASE 7
5.13
ACRES

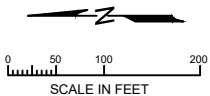
PHASE 2
3.92
ACRES

PHASE 5
4.93
ACRES

PHASE 6
5.14
ACRES

LEGEND

- EXISTING CONTOUR IDX
- EXISTING CONTOUR INT
- CONSTRUCTED CONTOUR IDX
- CONSTRUCTED CONTOUR INT
- PROPERTY BOUNDARY
- MINING BOUNDARY
- SETBACK
- WETLANDS



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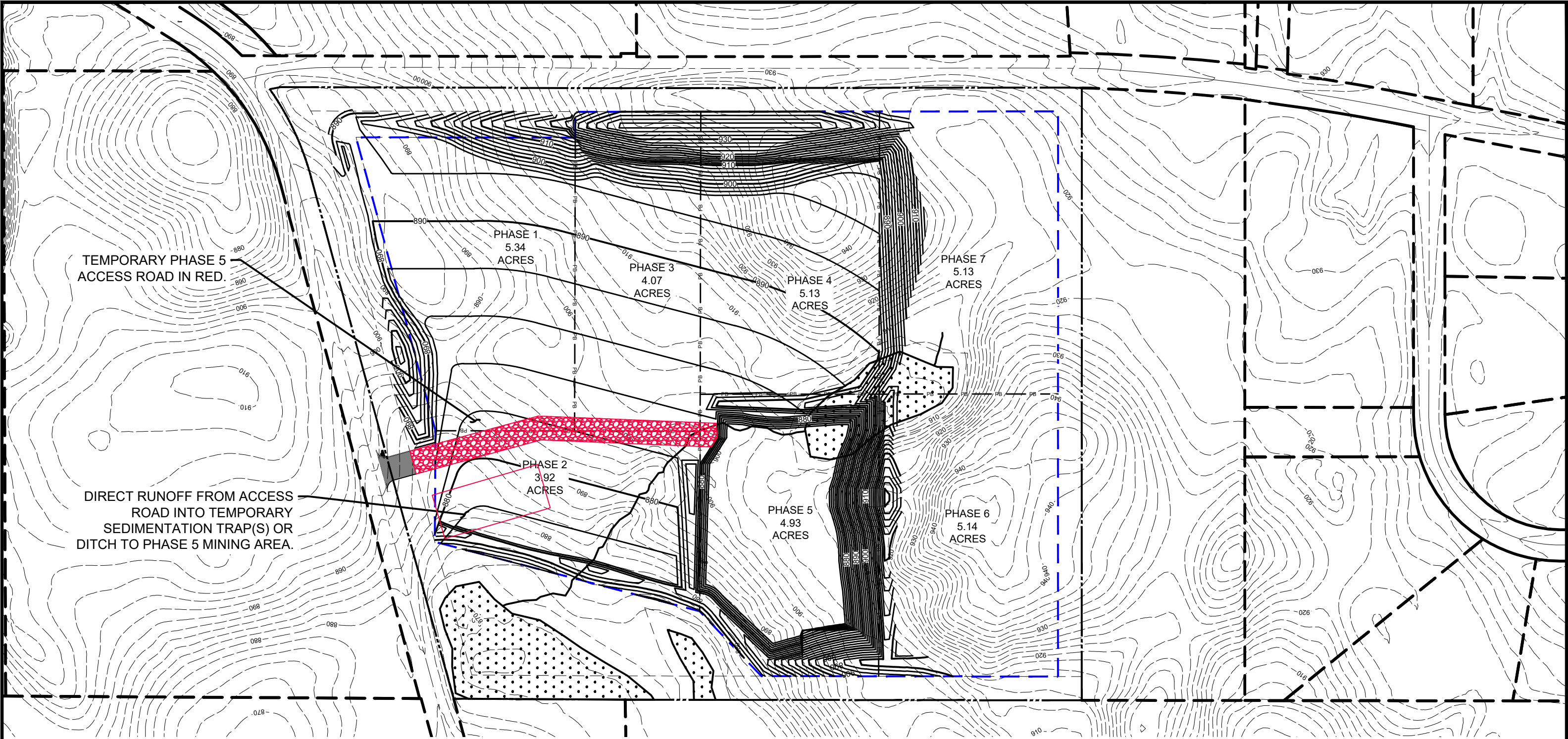
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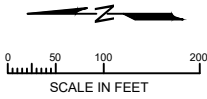
PHASE 4 INITIAL MINING PLAN
IUP DRAWINGS

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7



LEGEND

EXISTING CONTOUR IDX	---	MINING BOUNDARY	---
EXISTING CONTOUR INT	---	SETBACK	---
CONSTRUCTED CONTOUR IDX	---	WETLANDS	---
CONSTRUCTED CONTOUR INT	---		
PROPERTY BOUNDARY	---		



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PHASE 5 INITIAL MINING PLAN
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of
7

TEMPORARY PHASE 6
ACCESS ROAD IN RED.

DIRECT RUNOFF FROM ACCESS
ROAD INTO TEMPORARY
SEDIMENTATION TRAP(S) OR
DITCH TO PHASE 6 MINING AREA.

PHASE 1
5.34
ACRES

PHASE 3
4.07
ACRES

PHASE 4
5.13
ACRES

PHASE 7
5.13
ACRES

PHASE 2
3.92
ACRES

PHASE 5
4.93
ACRES

PHASE 6
5.14
ACRES

LEGEND

EXISTING CONTOUR IDX

— 960 —

MINING BOUNDARY

— — — — —

EXISTING CONTOUR INT

— — — — —

SETBACK

— — — — —

CONSTRUCTED CONTOUR IDX

— 960 —

WETLANDS

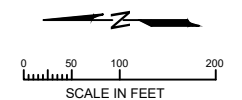
• • • • •

CONSTRUCTED CONTOUR INT

— — — — —

PROPERTY BOUNDARY

— — — — —



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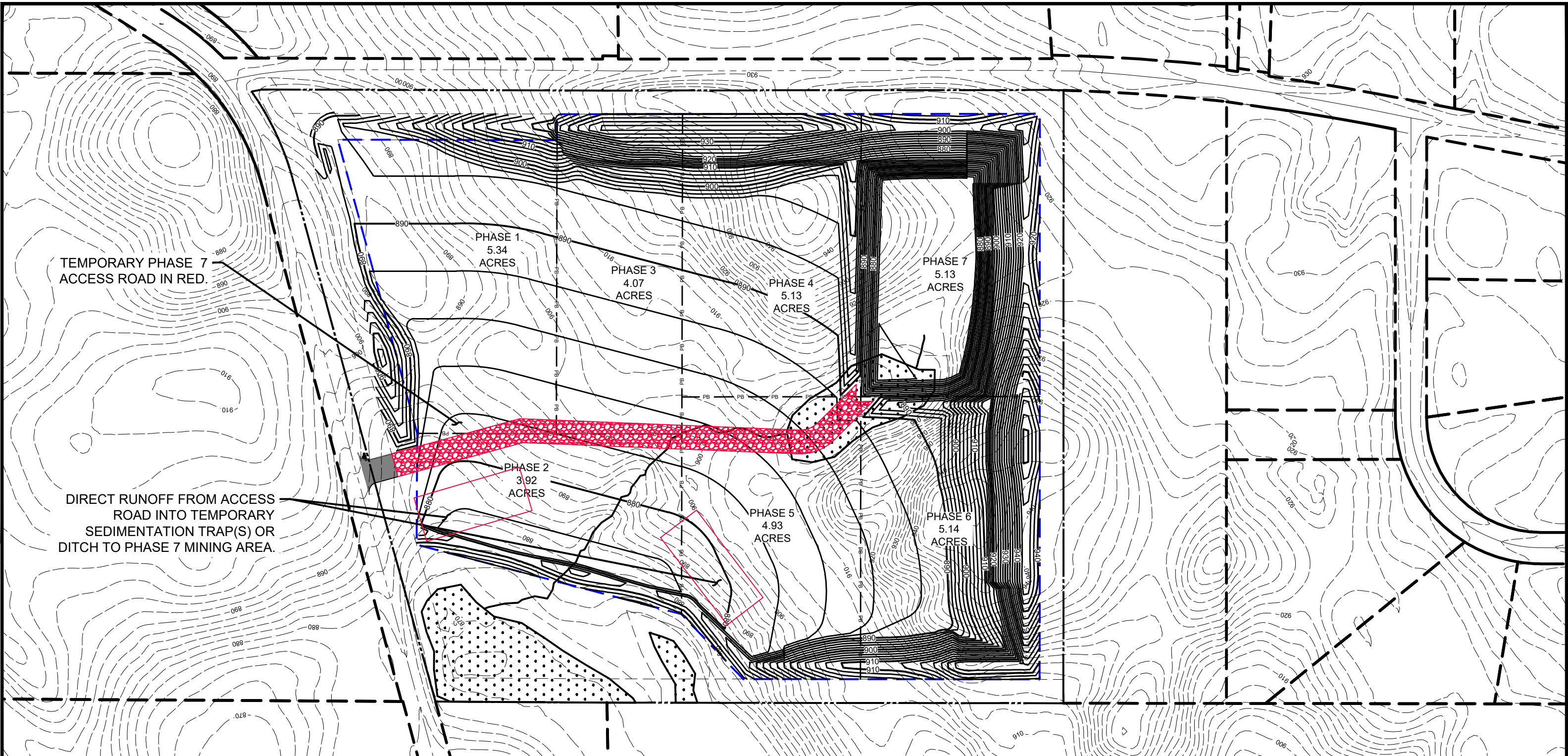
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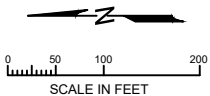
PHASE 6 INITIAL MINING PLAN
IUP DRAWINGS

3E
of
7



LEGEND

EXISTING CONTOUR IDX	---	960	---	MINING BOUNDARY	---
EXISTING CONTOUR INT	---		---	SETBACK	---
CONSTRUCTED CONTOUR IDX	---	960	---	WETLANDS	---
CONSTRUCTED CONTOUR INT	---		---		---
PROPERTY BOUNDARY	---		---		---



15650 36TH AVE N
SUITE 110
PLYMOUTH, MN 55446
TEL (952) 346-3900
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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 Professional Engineer under the laws of the State of Minnesota

Print Name: Dan J. Wilke
Signature: *Dan Wilke*
Date: 04/29/2024 License #: 53182

Drawn: DJW
Designed: DJW
Date: 04/29/24

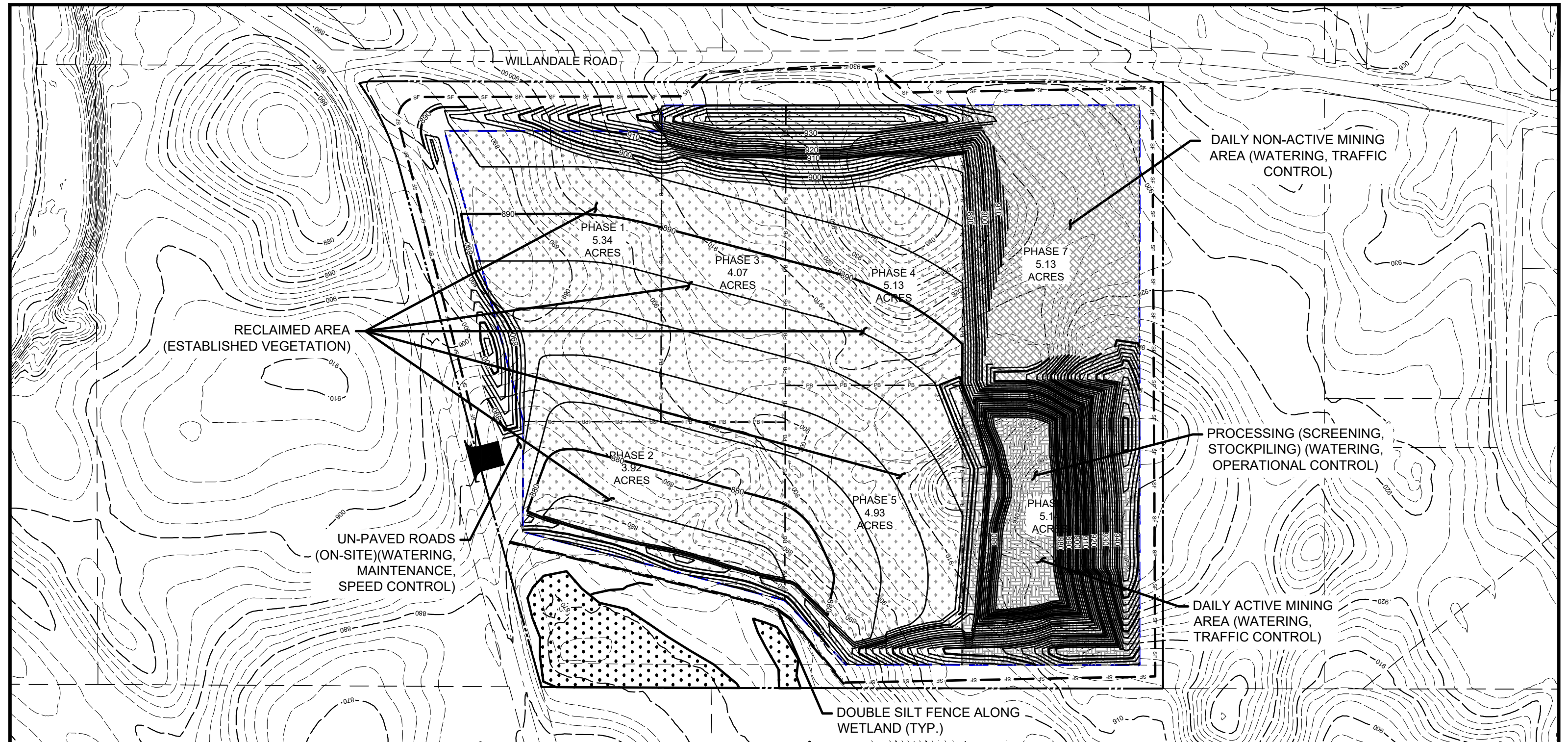
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1	06/28/2024	DJW	PER CITY COMMENTS
2	08/13/2024	DJW	UPDATED FOR IUP SUBMITTAL
3	10/02/2024	DJW	PER CITY COMMENTS

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Rogers, MN 55374

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PHASE 7 INITIAL MINING PLAN
IUP DRAWINGS

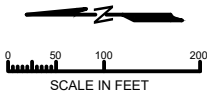
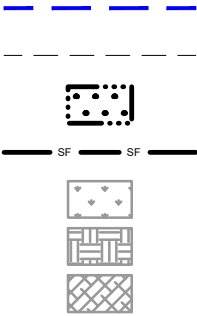
3F
of
7



BACKGROUND AERIAL SOURCE: GOOGLE EARTH

LEGEND

EXISTING CONTOUR IDX	---960---	MINING BOUNDARY	---
EXISTING CONTOUR INT	----	SETBACK	----
MINING CONTOUR IDX	—960—	WETLANDS	[Pattern]
MINING CONTOUR INT	=====	SILT FENCE	SF — SF
PROPERTY BOUNDARY	----	RECLAIMED AREA	[Pattern]
MINING PHASE BOUNDARY	— PB — PB —	ACTIVE MINING AREA	[Pattern]
		NON-ACTIVE MINING AREA (UNDISTURBED)	[Pattern]



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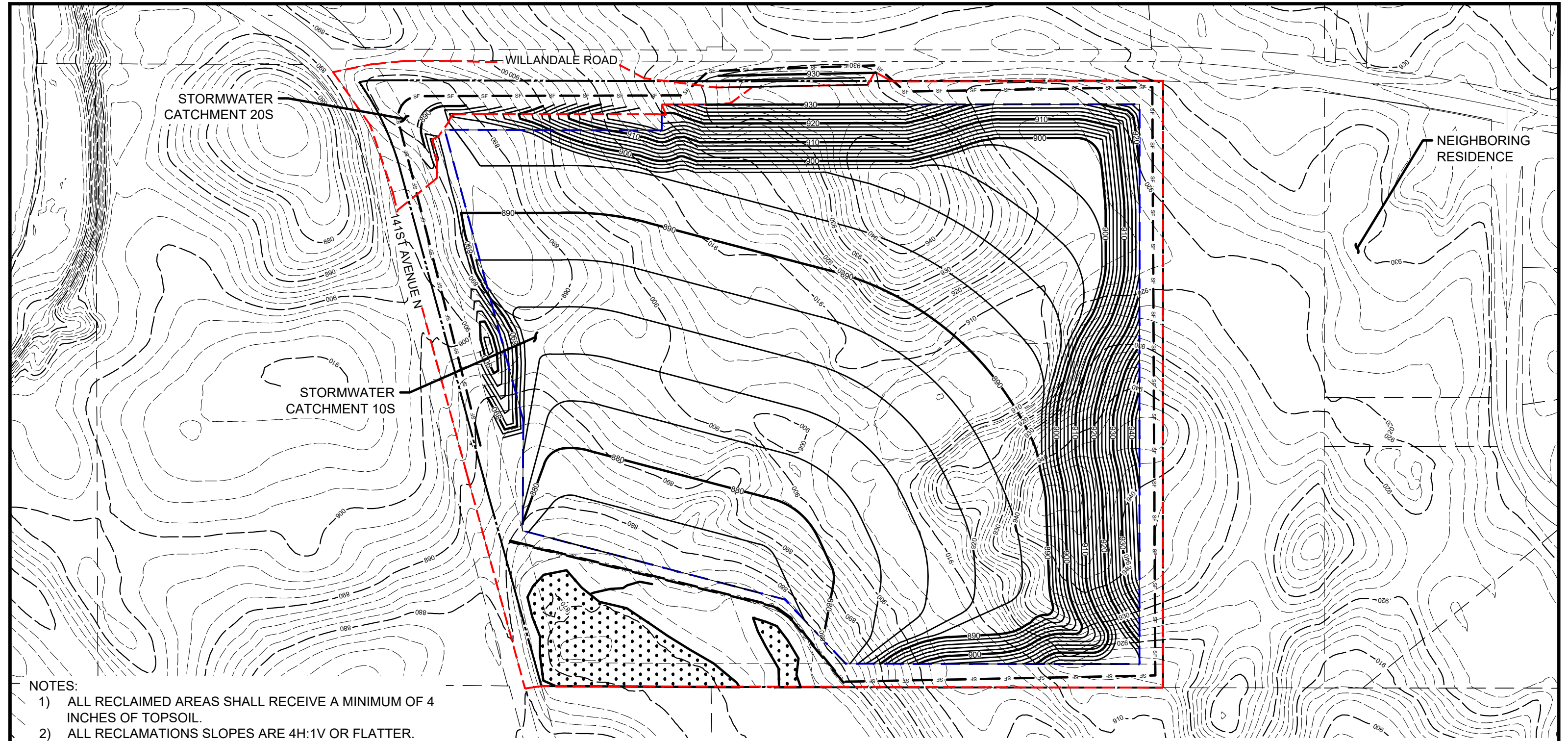
Drawn: DJW
Designed: DJW
Date: 04/29/24

REV	DATE	BY	DESCRIPTION
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1	06/25/2024	DJW	PER CITY COMMENTS
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3	10/02/2024	DJW	PER CITY COMMENTS

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DUST CONTROL PLAN
IUP DRAWINGS

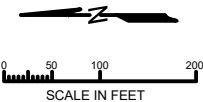


BACKGROUND AERIAL SOURCE: GOOGLE EARTH

- NOTES:
- 1) ALL RECLAIMED AREAS SHALL RECEIVE A MINIMUM OF 4 INCHES OF TOPSOIL.
 - 2) ALL RECLAMATIONS SLOPES ARE 4H:1V OR FLATTER.
 - 3) DISTURBED AREAS WILL BE STABILIZED WITH MNDOT SEED MIXTURE MI (FORMERLY 25-141) AT A SEEDING RATE OF 59 POUNDS PER ACRE, MNDOT CATEGORY 3N EROSION CONTROL BLANKET OR MNDOT TYPE 1 MULCH AND COMMERCIAL FERTILIZER.
 - 4) ENSURE THAT ALL EROSION CONTROL PRODUCTS ARE BIODEGRADABLE. ANY NETTING IN EROSION PRODUCTS SHALL BE RECTANGULAR SHAPED (NOT SQUARE MESH) & BE MADE OF FLEXIBLE (NON-WELDED) MESH.
 - 5) ENTIRE DRIVEWAY SHALL HAVE GRAVEL AND PAVEMENT REMOVED, HAVE THE UNDERLYING SOIL RIPPED, AND THEN TOPSOILED AND STABILIZED.

LEGEND

EXISTING CONTOUR IDX	---	MINING BOUNDARY	---
EXISTING CONTOUR INT	---	SETBACK	---
RECLAMATION CONTOUR IDX	---	STORMWATER CATCHMENT	---
RECLAMATION CONTOUR INT	---	WETLANDS	---
PROPERTY BOUNDARY	---	SILT FENCE	---



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Date: 04/29/24

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RECLAMATION PLAN
IUP DRAWINGS

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of
7

NOTES:

THE FOLLOWING MEASURES WILL BE TAKEN TO ENSURE THAT THE PROJECT DOES NOT AFFECT ANY POSSIBLE BLANDING'S TURTLE POPULATION:

- WETLAND REMOVAL SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH, WHICH ARE CONSIDERED THE HIBERNATION PERIOD FOR BLANDING'S TURTLES. THE WETLAND MAY BE REMOVED DURING THESE DATES IF AN EXPERT IN BLANDING'S TURTLES DETERMINES THAT THE AREA IS NOT SUITABLE FOR HIBERNATION.
- EROSION AND SEDIMENT CONTROLS SHALL BE LIMITED TO WILDLIFE FRIENDLY EROSION CONTROL TO AVOID THE INADVERTENT TAKE OF BLANDING'S TURTLES.
- HYDRO-MULCH PRODUCTS SHALL NOT CONTAIN ANY MATERIALS WITH SYNTHETIC (PLASTIC) FIBER ADDITIVES, AS THE FIBERS CAN RE-SUSPEND AND FLOW INTO WATERBODIES.
- THE BLANDING'S TURTLE FLYER SHALL BE GIVEN TO ALL CONTRACTORS WORKING ON THE SITE.
- BARE GROUND WITHIN CONSTRUCTION AREAS SHALL BE THOROUGHLY CHECKED FOR TURTLES BEFORE THE USE OF HEAVY EQUIPMENT OR ANY GROUND DISTURBANCE.
- ANY SIGHTINGS OF BLANDING'S TURTLES SHALL BE REPORTED TO REPORTS.NHIS@STATE.MN.US AND SHALL INCLUDE THE DATE, OBSERVER, LOCATION, AND PHOTOGRAPH OF THE BLANDING'S TURTLE.
- PROJECT PERSONNEL SHALL INSTALL SILT FENCING AROUND ALL SOIL STOCKPILES, GRAVEL PADS, AND OTHER AREAS OF EXPOSED SOIL/SAND/SEDIMENT WHERE WORK WILL OCCUR TO PREVENT TURTLE ACCESS FROM MAY 15TH TO JULY 15TH. SILT FENCE SHALL BE BURIED A MINIMUM OF 10-INCHES, REGULARLY INSPECTED, AND MAINTAINED AS NEEDED. TEMPORARY FENCING SHALL BE REMOVED BY PROJECT CLOSEOUT.
- IF ANY TURTLES ARE FOUND IN IMMINENT DANGER, THEY MUST BE MOVED BY HAND OUT OF HARM'S WAY, OTHERWISE THEY ARE TO BE LEFT UNDISTURBED. DIRECTIONS ON HOW TO SAFELY MOVE TURTLES WILL BE PROVIDED TO ALL WORKERS ONSITE.

Helping Turtles Cross the Road

- Leave them alone if they are not in danger. Turtles crossing roads in late-May and June are often moving to familiar nesting locations. They know where they are going.
- Don't put yourself or others in danger. Simply pulling off the road and turning on your hazard lights may alert other drivers to slow down.
- If you decide to help the turtle cross the road, turn on your signal, slowly pull off the road, turn on your hazard lights, and watch for approaching traffic.
- Pick up the turtle by the back of its shell, NOT by the tail. (Picking up a turtle by the tail can damage their spinal cord.)
- Use caution when handling turtles. All turtles can bite, but Snapping Turtles and Spiny Softshells bite harder and more often.
- Snapping Turtles can be moved with a snow shovel. Other options include picking them up by their hind legs or having them bite down on a stick and carefully dragging them to safety.
- Move the turtle in the direction it is heading. Do not relocate the turtle to a new area, even if the habitat seems unsuitable.
- Wash your hands after handling a turtle.



Report turtle sightings to the DNR.

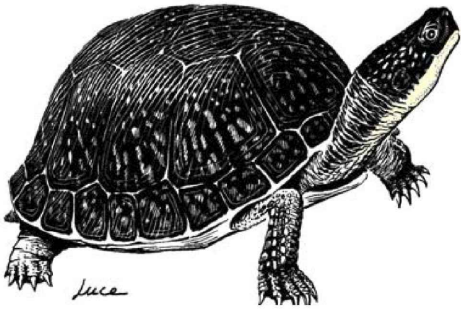
Turtles are tracked to identify movement patterns, behavior, and habitat usage.

Amphibians and reptiles are particularly vulnerable to impacts from roads. Roads can separate foraging areas from breeding or nesting grounds.

Help the DNR Keep Turtle Records

The DNR uses the location of live or road-killed turtles to document species occurrences and help identify areas of high road mortality. Road-killed specimens should be photographed top and bottom and sent to mcbs.e-report@state.mn.us. Do not handle live turtles when taking a photo, especially nesting females. Include an accurate description of the location or a map with the photo voucher.

CAUTION



BLANDING'S TURTLES
MAY BE ENCOUNTERED
IN THIS AREA

The unique and rare Blanding's turtle has been found in this area. Blanding's turtles are a State Threatened species and are protected under Minnesota Statute 84.095, Protection of Threatened and Endangered Species. Please be careful of turtles on roads and in construction sites. For additional information on turtles, or to report a Blanding's turtle sighting, contact the DNR Nongame Specialist nearest you: Bemidji (218-308-2641); Grand Rapids (218-327-4518); New Ulm (507-359-6033); Rochester (507-280-5070); or St. Paul (651-259-5764).

DESCRIPTION: The Blanding's turtle is a medium to large turtle (5 to 10 inches) with a black or dark blue, dome-shaped shell with muted yellow spots and bars. The bottom of the shell is hinged across the front third, enabling the turtle to pull the front edge of the lower shell firmly against the top shell to provide additional protection when threatened. The head, legs, and tail are dark brown or blue-gray with small dots of light brown or yellow. A distinctive field mark is the bright yellow chin and neck.

Illustration by Don Luce, from Turtles in Minnesota, Natural History Leaflet No. 9, June 1989, James Ford Bell Museum of Natural History

SUMMARY OF RECOMMENDATIONS
FOR AVOIDING AND MINIMIZING IMPACTS
TO BLANDING'S TURTLE POPULATIONS

(see Environmental Review Fact Sheet Series for full recommendations)

- A flyer with an illustration of an adult Blanding's turtle should be given to all contractors working in the area. Homeowners should also be informed of the presence of Blanding's turtles in the area.
- Turtles which are in imminent danger should be moved, by hand, out of harms way. Turtles which are not in imminent danger should be left undisturbed to continue their travel among wetlands and/or nest sites.
- If a Blanding's turtle nests in your yard, do not disturb the nest, and do not allow pets near the nest.
- Blanding's turtles do not make good pets. It is illegal to keep this threatened species in captivity.
- Silt fencing should be set up to keep turtles out of construction areas. It is critical that silt fencing be removed after the area has been revegetated.
- Small, vegetated temporary wetlands should not be dredged, deepened, or filled.
- All wetlands should be protected from pollution; use of fertilizers and pesticides should be avoided, and run-off from lawns and streets should be controlled. Erosion should be prevented to keep sediment from reaching wetlands and lakes.
- Roads should be kept to minimum standards on widths and lanes.
- Roads should be ditched, not curbed or below grade. If curbs must be used, 4" high curbs at a 3:1 slope are preferred.
- Culverts under roads crossing wetland areas, between wetland areas, or between wetland and nesting areas should be at least 36 in. diameter and flat-bottomed or elliptical.
- Culverts under roads crossing streams should be oversized (at least twice as wide as the normal width of open water) and flat-bottomed or elliptical.
- Utility access and maintenance roads should be kept to a minimum.
- Because trenches can trap turtles, trenches should be checked for turtles prior to being backfilled and the sites should be returned to original grade.
- Terrain should be left with as much natural contour as possible.
- Graded areas should be revegetated with native grasses and forbs.
- Vegetation management in infrequently mowed areas -- such as in ditches, along utility access roads, and under power lines -- should be done mechanically (chemicals should not be used). Work should occur fall through spring (after October 1st and before June 1st).

Compiled by the Minnesota Department of Natural Resources Division of Ecological Resources, Updated March 2008
Endangered Species Environmental Review Coordinator, 500 Lafayette Rd., Box 25, St. Paul, MN 55155 / 651-259-5109



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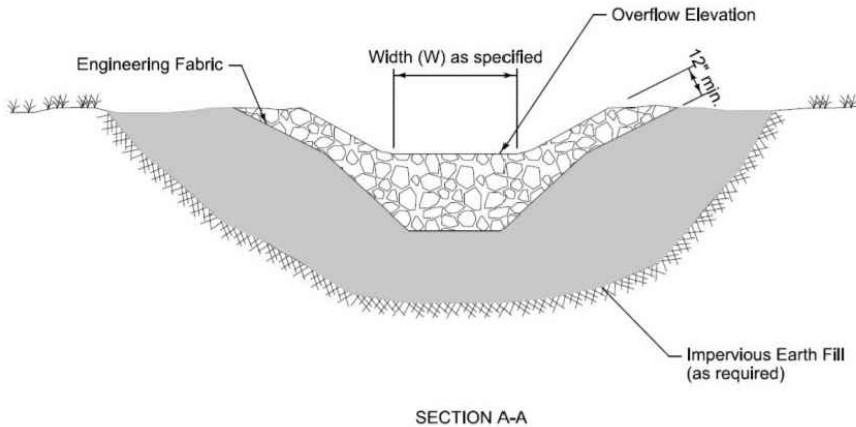
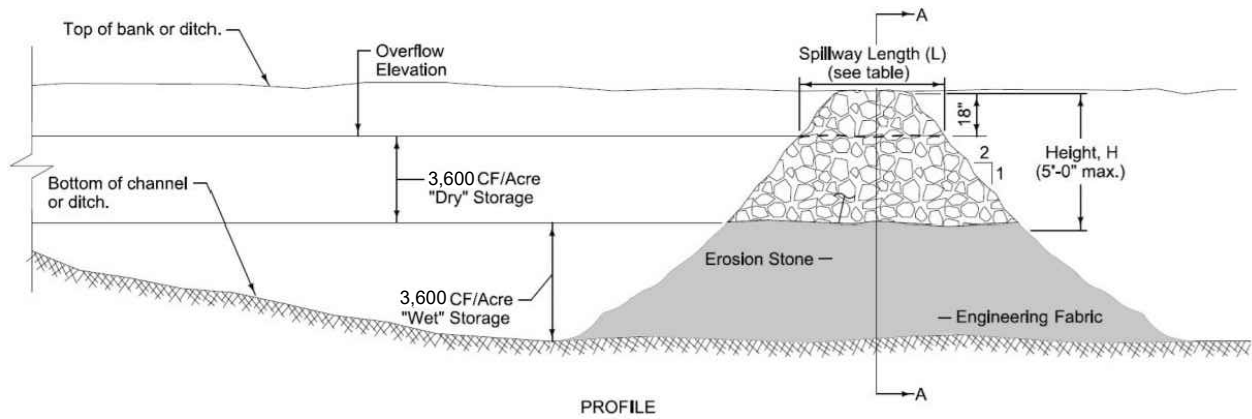
BLANDING'S TURTLE PLAN
IUP DRAWINGS

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of
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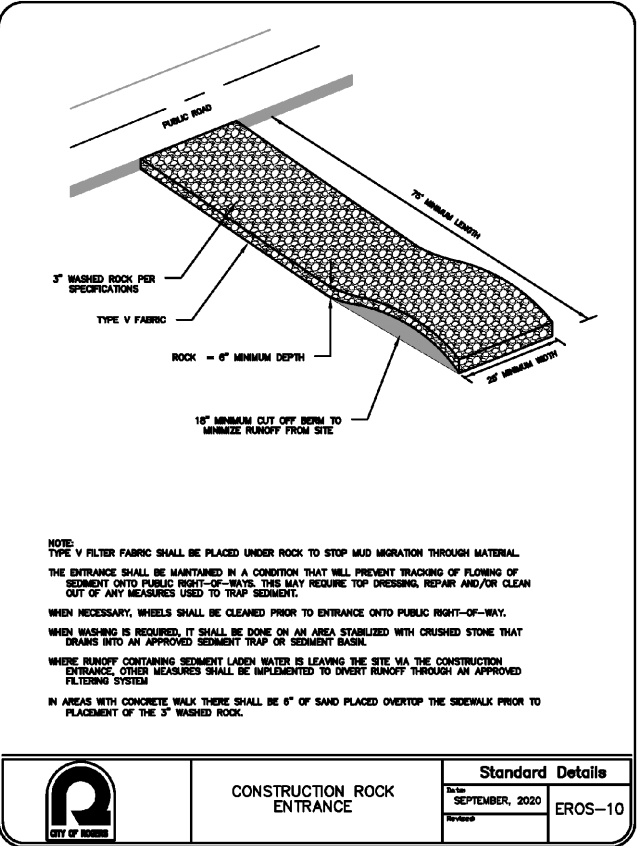
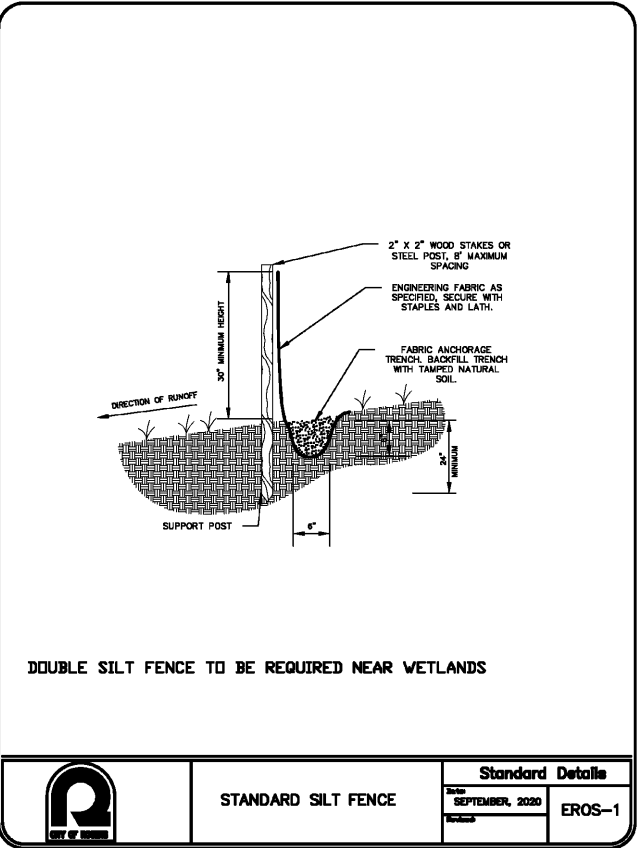
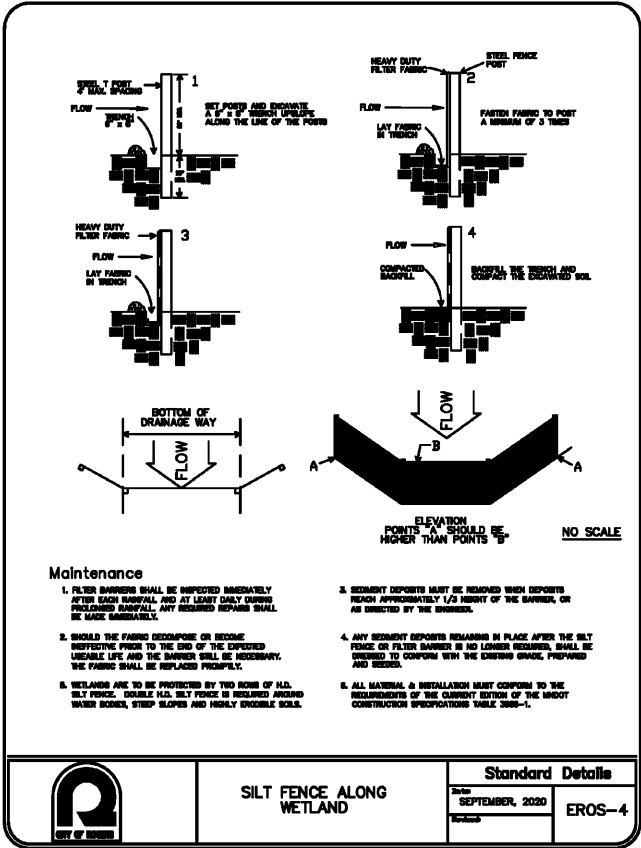
Table 7E-13.01: Embankment Widths for Sediment Traps

Contributing Drainage Area (acre)	Embankment Width (feet)
1	4
2	6
3	8
4	10
5	12

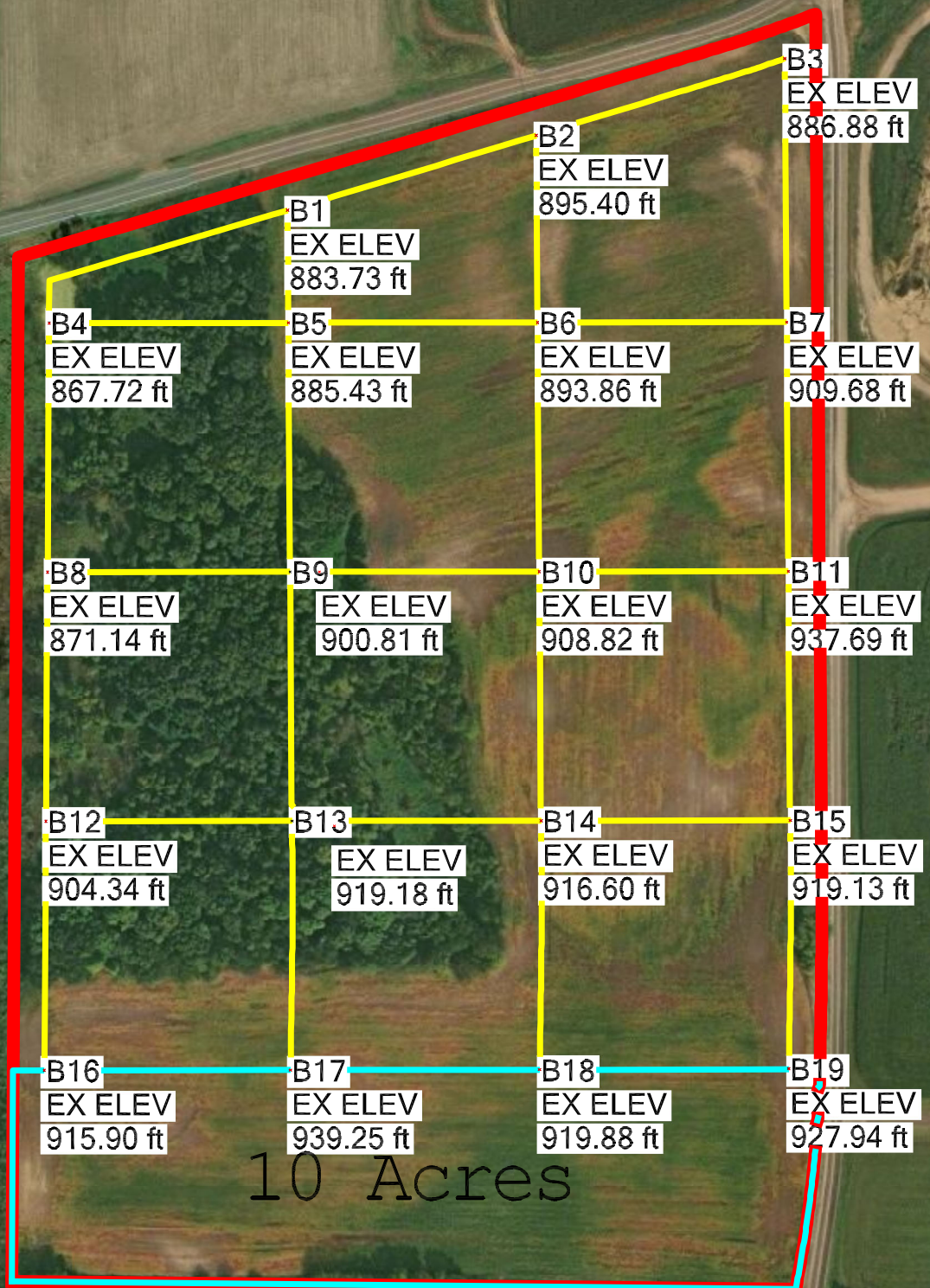
Source: Roberts, 1995 (FHWA)



TEMPORARY SEDIMENT TRAP
NO SCALE



Appendix B
Soils Information



100 ft



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 1 (p. 1 of 1)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 883.7 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	Topsoil	TOPSOIL									
2											
3	SAND, fine grained, brown, moist, loose (SP)	COARSE ALLUVIUM									
4											
5			5	M	SS	12	5				3
6											
7											
8	SAND WITH SILT and GRAVEL, fine to medium grained, moist, medium dense (SP-SM)										
9											
10			26	M	SS	7	3				7
11											
12											
13	SAND, fine grained, brown, moist, medium dense (SP)										
14											
15			20	M	SS	12					
16											
17											
18	SAND, a little gravel, fine to medium grained, brown, waterbearing, loose (SP)										
19											
20			10	W	SS	12					
21	END OF BORING *WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-19½'	3.25" HSA								
		12/14/22	*WD					19.0	
		12/14/22	*AD		19.0	5.0		18.0	
BORING COMPLETED: 12/14/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 2 (p. 1 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 895.4 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	Topsoil	TOPSOIL									
2											
3											
4	SAND, fine grained, brown, moist, loose (SP)	COARSE ALLUVIUM									
5			7	M	SS	12					
6											
7											
8	SAND, a little gravel, fine to coarse grained, brown, moist, loose (SW)										
9											
10			10	M	SS	13	4				3
11											
12											
13											
14	SANDY LEAN CLAY, a little gravel, brown, very stiff (CL)	MIXED ALLUVIUM									
15			18	M	SS	15	16				50
16											
17											
18											
19	SAND WITH GRAVEL, fine to coarse grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM									
20			13	M	SS	12	3				2
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-29½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		12/14/22	*WD					30.0	
		12/14/22	*AD		29.0	9.0		30.0	
BORING COMPLETED: 12/14/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB- 2 (p. 2 of 2)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM (continued)	20	M	SS	13					
25											
26											
27											
28	SAND, fine grained, brown, wet, loose (SP)										
29											
30			7	W	SS						
31	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 3 (p. 1 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 886.9 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	Topsoil	TOPSOIL									
2											
3											
4	SILTY SAND, fine to medium grained, trace roots, brown, a little dark brown, moist, loose, laminations of clayey sand (SM)	COARSE ALLUVIUM	8	M	SS	13	8				21
5											
6											
7											
8	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)		14	M	SS	12					
9											
10											
11											
12											
13	SAND WITH SILT, a little gravel, fine grained, brown, moist, medium dense (SP-SM)		24	M	SS	12	8				5
14											
15											
16											
17	SAND WITH GRAVEL, fine to medium grained, brown, wet, loose (SP)		22	M	SS	13					
18											
19											
20											
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-19½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		12/14/22	*WD					24.0	
		12/14/22	*AD		24.0	9.0		22.5	
BORING COMPLETED: 12/14/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

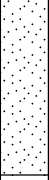


SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB- 3 (p. 2 of 2)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND, a little gravel, fine to medium grained, brown, wet, loose (SP)	 COARSE ALLUVIUM (continued)	10	 W	 SS	12					
25											
26	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 5 (p. 1 of 1)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 885.4 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	Topsoil	TOPSOIL									
2											
3											
4											
5	SAND WITH SILT, a little gravel, fine to medium grained, brown, moist, very loose (SP-SM)	COARSE ALLUVIUM	4	M	SS	13	7				7
6											
7											
8	SAND, fine to medium grained, brown, moist, loose (SP)										
9											
10			5	M	SS	13	6				3
11											
12											
13	SAND, fine grained, brown, moist, medium dense (SP)										
14											
15			13	M	SS	12					
16											
17											
18	SAND, fine to medium grained, brown, waterbearing, loose (SP)										
19											
20			9	W	SS	12					
21	END OF BORING *WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-19½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		12/16/22	*WD					20.0	
		12/16/22	*AD		19.0			19.0	
BORING COMPLETED: 12/16/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 6 (p. 1 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 893.9 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	Topsoil	TOPSOIL									
2	SILTY SAND, fine to medium grained, brown, moist (SM)	COARSE ALLUVIUM									
3											
4											
5			7	M	SS	10					
6	SAND, a little gravel, fine to medium grained, brown, moist, loose to very loose (SP)										
7											
8											
9											
10			4	M	SS	12	10				3
11											
12											
13	SAND, fine grained, brown, moist, medium dense (SP)										
14											
15			13	M	SS	12					
16											
17											
18											
19											
20			18	M	SS	13	7				7
21											
22											

*WD - Water level measured while drilling
 *AD - Water level measured at completion of drilling

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-19½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		12/14/22	*WD					29.0	
		12/14/22	*AD		29.0	8.5		28.0	
BORING COMPLETED: 12/16/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB- 6 (p. 2 of 2)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)		15	M	SS	13					
25											
26											
27											
28	SAND WITH GRAVEL, fine to coarse grained, brown, waterbearing, medium dense (SP)		19	W	SS	13					
29											
30											
31											
	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 7 (p. 1 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 909.7	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS					
	MATERIAL DESCRIPTION						WC	DEN	LL	PL	%-#200	
1	Topsoil	TOPSOIL										
2												
3	SAND WITH SILT and GRAVEL, fine to medium grained, brown, moist, medium dense (SP-SM)	COARSE ALLUVIUM	11	M		SS	12	5				6
4												
5												
6												
7	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)		13	M		SS	13					
8												
9												
10												
11	SAND, fine grained, brown, moist, medium dense (SP)		14	M		SS	13					
12												
13												
14												
15	SAND, fine to medium grained, brown, moist, loose (SP)		10	M		SS	13					
16												
17												
18												
19	*WD - Water level measured while drilling											
20	*AD - Water level measured at completion of drilling											
21												
22												

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-44½'	3.25" HSA	12/14/22	*WD					45.0	
		12/14/22	*AD		44.0	15.0		44.0	
BORING COMPLETED: 12/14/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 7 (p. 2 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND, a little gravel, fine to medium grained, brown, moist, medium dense to dense (SP)	COARSE ALLUVIUM (continued)									
25			19	M	SS	12					
26											
27											
28											
29											
30			24	M	SS	12	3				4
31											
32											
33											
34											
35			27	M	SS	12					
36											
37											
38											
39											
40			35	M	SS	13					
41											
42											
43											
44	SAND, fine to medium grained, brown waterbearing, medium dense (SP)			▼							
45			19	W	SS	13					
46	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: P-0017476		Log of Boring No. SB- 8 (p. 1 of 1)									
Project: Kemmetmueller Property Gravel Exploration; Rogers, MN											
DEPTH IN FEET	Surface Elevation 871.1 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	LEAN CLAY WITH SAND, slightly organic, trace roots, dark brown, frozen to 0.5' (CL)						53				
2											
3	SAND WITH SILT, fine grained, gray, wet (SP-SM)										
4											
5	SAND WITH SILT, a little gravel, fine to medium grained, brown, loose, waterbearing (SP-SM)		5	M		12	21				7
6	END OF BORING										
*WD - Water level measured while drilling *AD - Water level measured at completion of drilling											
DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG		
0-4½' 3.25" HSA		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL			
		1/2/23	*WD					4.0			
		1/2/23	*AD		4.0	2.0		3.5			
BORING COMPLETED: 1/2/23											
DR: BR LG: DR Rig: GRD751											

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB- 9 (p. 1 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 900.8 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	SILTY SAND, trace roots, fine to medium grained, brown, moist (SM)	TOPSOIL		F/M	AS						
2	SAND, fine to medium grained, brown, moist, loose (SP)	COARSE ALLUVIUM									
3											
4											
5	SAND WITH SILT, fine grained, brown, moist, loose (SP-SM)		6	M	SS	12	3				5
6											
7											
8											
9											
10			7	M	SS	12					
11											
12											
13	SAND, fine to medium grained, brown, moist, loose (SP)										
14											
15			9	M	SS	12					
16											
17											
18	SILTY SAND WITH GRAVEL, fine to medium grained, brown, moist, medium dense (SM)										
19											
20			21	M	SS	10	6				12
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-34½'	3.25" HSA	12/27/22	*WD					33.5	
		12/27/22	*AD		34.0	12.0		33.5	
BORING COMPLETED: 12/27/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB- 9 (p. 2 of 2)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND, a little gravel, fine to medium grained, brown, moist, medium dense, lens of fine grained sand (SP)	COARSE ALLUVIUM (continued)	18	M	SS	8					
25											
26											
27											
28	SAND, fine to medium grained, brown, moist to about 33.5' then waterbearing, loose (SP)		10	M	SS	12					
29											
30											
31											
32											
33											
34											
35											
36	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-10 (p. 1 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 908.8 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	SILTY SAND, trace gravel, fine grained, dark brown, moist (SM)	TOPSOIL		M	AS		19				
2											
3											
4											
5	CLAYEY SAND, a little gravel, brown, firm (SC)	MIXED ALLUVIUM	5	M	SS	14	15				
6											
7											
8											
9	SANDY LEAN CLAY, a little gravel, brown, a little gray, firm, laminations of clayey sand (CL)										
10											
11											
12											
13	SAND, fine grained, brown, moist, loose, laminations of clayey sand (SP)	COARSE ALLUVIUM									
14											
15			6	M	SS	13	16			5	
16											
17	GRAVELLY SAND WITH SILT, fine to coarse grained, brown, moist, loose (SP-SM)										
18											
19											
20			9	M	SS	13	8			10	
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-39½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		12/27/22	*WD					40.5	
		12/27/22	*AD		39.5	20.0		40.5	
BORING COMPLETED: 12/27/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-10 (p. 2 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND, fine grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM (continued)	15	M	SS	13					
25											
26											
27											
28	SAND, a little gravel, fine to medium grained, brown, moist to about 40.5' then waterbearing, dense to medium dense (SP)		13	M	SS	13	2				4
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-11 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 937.7 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	SANDY LEAN CLAY, trace roots, dark brown (CL)	TOPSOIL		M	AS		19				
2	SANDY LEAN CLAY, brown (CL)	MIXED ALLUVIUM									
3	SILTY SAND, fine grained, brown, moist, laminations of sandy lean clay (SM)	COARSE ALLUVIUM									
4	SAND WITH SILT, very fine grained, brown, moist, medium dense (SP-SM)										
5			11	M	SS	12					
6											
7											
8	GRAVELLY SAND WITH SILT, fine to coarse grained, brown, moist, dense (SP-SM)										
9											
10			35	M	SS	10	4				12
11											
12											
13											
14	SANDY LEAN CLAY, a little gravel, brown, stiff to very stiff (CL)	MIXED ALLUVIUM									
15			11	M	SS	14	19				53
16											
17											
18											
19											
20			17	M	SS	15	17				
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-69½'	3.25" HSA							70.5	
		12/19/22	*WD						
		12/19/22	*AD			30.0			
BORING COMPLETED: 12/19/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-11 (p. 2 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SANDY LEAN CLAY, a little gravel, brown with iron oxidation staining, very stiff, laminations of silty sand (CL)		30	M	SS	15	18				
25											
26											
27											
28	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM	25	M	SS	12					
29											
30											
31											
33	SILTY SAND, very fine grained, brown, moist, medium dense (SM)		24	M	SS	12	10				22
34											
35											
36											
38	CLAYEY SAND, a little gravel, brown and gray, hard, laminations of silty sand (SC)	MIXED ALLUVIUM	43	M	SS	15	15				
39											
40											
41											
43	SAND, fine grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM	30	M	SS	13					
44											
45											
46											
48	GRAVELLY SAND WITH SILT, fine to coarse grained, brown, moist, very dense (SP-SM)										
49											
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-11 (p. 3 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
51	GRAVELLY SAND WITH SILT, fine to coarse grained, brown, moist, very dense (SP-SM) <i>(continued)</i>	COARSE ALLUVIUM <i>(continued)</i>	8	M	SS	10	4				8
52											
53											
54											
55			58	M	SS	2					
56	SAND, a little gravel, fine to medium grained, brown, moist, dense (SP)										
57											
58											
59											
60			36	M	SS	10					
61	SAND, a little gravel, fine to medium grained, brown and grayish brown, moist, medium dense, laminations of clayey sand (SP)										
62											
63											
64											
65			27	M	SS	12					
66	SAND, a little gravel, fine to coarse grained, brown wet, dense (SP)										
67											
68											
69											
70			47		SS	12					
71	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-12 (p. 1 of 2)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 904.3 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	CLAYEY SAND, slightly organic, trace roots, dark brown, frozen to 0.5' (SC)	TOPSOIL		F/M	AS		26				
2	SAND, fine grained, brown, moist, loose (SP)	COARSE ALLUVIUM									
3											
4											
5			6	M	SS	12	7				3
6											
7											
8											
9	SILTY SAND WITH GRAVEL, fine grained, brown, moist, medium dense to dense (SM)										
10			13	M	SS	10	13				21
11											
12											
13											
14											
15			47	M	SS	0					
16	SAND, fine grained, brown, moist, loose (SP)										
17											
18	SAND WITH SILT, fine grained, brown, moist, medium dense (SP-SM)										
19											
20			10	M	SS	12	6				7
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-39½'	3.25" HSA	1/2/23	*WD					40.0	
		1/2/23	*AD		39.0	14.0		36.5	
BORING COMPLETED: 1/2/23									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-12 (p. 2 of 2)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM (continued)									
25			16	M	SS	12	3				2
26											
27											
28											
29											
30			20	M	SS	12					
31											
32											
33											
34											
35			24	M	SS	12					
36											
37											
38	SAND WITH GRAVEL, fine to coarse grained, brown, waterbearing, medium dense (SP)										
39											
40			15	W	SS	12					
41	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-13 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 919.2 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	LEAN CLAY WITH SAND, slightly organic, trace roots, dark brown, frozen to 0.5' (CL)	TOPSOIL		F/M	AS		52				
2	SANDY LEAN CLAY, a little gravel, brown, a little light gray, very stiff to stiff (CL)	MIXED ALLUVIUM									
3											
4											
5			16	D	SS	7	13		30	16	54
6											
7											
8											
9											
10			24	D	SS	10	12				
11											
12											
13											
14											
15	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM	12	M	SS	10					
16											
17											
18	SANDY LEAN CLAY, a little gravel, brown, very stiff, laminations of clayey sand (CL)	MIXED ALLUVIUM									
19											
20			25	M	SS	13	14				
21											
22											

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-69½'	3.25" HSA	12/30/22	*WD					70.0	
		12/30/22	*AD		69.0			68.0	
BORING COMPLETED: 12/30/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-13 (p. 2 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SANDY LEAN CLAY, a little gravel, brown, very stiff, laminations of clayey sand (CL) <i>(continued)</i>	MIXED ALLUVIUM <i>(continued)</i>	18	M	SS	13	16				
25											
26											
27											
28											
29	CLAYEY SAND, a little gravel, brown, very stiff (SC)	MIXED ALLUVIUM <i>(continued)</i>	25	M	SS	13	12				
30											
31											
32											
33											
34	SILTY SAND, fine grained, brown, moist, medium dense, laminations of clayey sand (SM)	COARSE ALLUVIUM	18	M	SS	12	8				23
35											
36											
37											
38											
39	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM	11	M	SS	12	3				4
40											
41											
42											
43											
44	SAND WITH SILT and gravel, apparent cobbles, fine to coarse grained, brown, moist, medium dense (SM)	COARSE ALLUVIUM	22	M	SS	12	5				9
45											
46											
47											
48											
49	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM									
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-13 (p. 3 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
51	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP) <i>(continued)</i>	COARSE ALLUVIUM <i>(continued)</i>	21	M	SS	21					
52											
53											
54											
55			16	M	SS	16	3				4
56											
57											
58	SAND WITH GRAVEL, fine to medium grained, brown, moist, medium dense (SP)										
59											
60			19	M	SS	19					
61											
62											
63	SAND, fine grained, brown, moist, medium dense (SP)										
64											
65	SAND, a little gravel, fine to coarse grained, brown, moist to about 70' then waterbearing, dense to medium dense (SP)		42	M	SS	42					
66											
67											
68											
69											
70			16	W	SS	16					
71	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-14 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 916.6 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	SANDY LEAN CLAY, brown, frozen (CL)	TOPSOIL		F/M	AS						
	CLAYEY SAND, a little gravel, trace roots, dark brown to brown (SC)										
2	SILTY SAND, very fine grained, brown, moist, very loose (SM)	COARSE ALLUVIUM	4	M	SS	10	6				22
3											
4											
5											
6	SANDY SILT, wet, medium dense (ML)	FINE ALLUVIUM	19	W	SS	13	24				
7											
8											
9											
10	SANDY LEAN CLAY, a little gravel, gray, stiff to hard, laminations of silty and silty sand (CL)	MIXED ALLUVIUM	11	M	SS	14	18				
11											
12											
13											
14			33	M	SS	13	13				
15											
16											
17											
18											
19											
20											
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling	COARSE ALLUVIUM									

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-49½'	3.25" HSA	12/27/22	*WD					50.0	
		12/27/22	*AD		49.0	21.0		47.5	
BORING COMPLETED: 12/27/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-14 (p. 2 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND WITH GRAVEL, fine to medium grained, brown, moist, very dense (SP) <i>(continued)</i>	COARSE ALLUVIUM <i>(continued)</i>	70	M	SS	2					
25											
26											
27											
28	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)		24	M	SS	12	3				4
29											
30											
31											
32											
33											
34											
35											
36	GRAVELLY SAND WITH SILT, fine to coarse grained, brown, moist, dense (SP-SM)		18	M	SS	12					
37											
38											
39											
40											
41											
42											
43											
44	SAND, fine grained, brown, moist, dense (SP)		40	M	SS	10	3				7
45											
46											
47											
48	SAND, a little gravel, fine to medium grained, brown, wet, medium dense (SP)		34	M	SS	13					
49											
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-15 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 919.1 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	SANDY LEAN CLAY, slightly organic, trace roots, dark brown, frozen to 0.5' (CL)	TOPSOIL		F/M	AS		19				
2											
3											
4	SANDY SILTY CLAY, trace roots, grayish brown, a little dark brown, firm (CL-ML)	MIXED ALLUVIUM									
5			6	M	SS	10	24		28	21	69
6											
7											
8	SANDY LEAN CLAY, grayish brown and brown with iron oxidation staining, soft (CL)										
9											
10			4	M	SS	14	23				
11											
12											
13	SANDY LEAN CLAY, grayish brown, firm (CL)	TILL									
14											
15			6	M	SS	16	21		28	16	55
16											
17											
18											
19											
20			8	M	SS	16	20				
21											
22											

*WD - Water level measured while drilling
 *AD - Water level measured at completion of drilling

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-49½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		12/28/22	*WD					50.0	
		12/28/22	*AD		49.0	26.0		49.5	
BORING COMPLETED: 12/28/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-15 (p. 2 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SANDY LEAN CLAY, a little gravel, dark gray, very stiff (CL)	COARSE ALLUVIUM (continued)									
25			17	M	SS	16	16				
26											
27											
28											
29											
30	SANDY LEAN CLAY, a little gravel, hard, lenses of clayey sand and laminations of silty sand (CL/SC)	COARSE ALLUVIUM (continued)	19	M	SS	16	16				
31											
32											
33											
34											
35			31	M	SS	15	14				
36	SANDY LEAN CLAY, a little gravel, hard, lenses of clayey sand and laminations of silty sand (CL/SC)	COARSE ALLUVIUM (continued)									
37											
38											
39											
40			36	M	SS	14	13				
41											
42	SANDY SILT, brown, moist, very dense (ML)	FINE ALLUVIUM									
43											
44											
45			55	M	SS	15	20 24				65
46											
47											
48	SAND, a little gravel, fine to medium grained, brown, waterbearing, medium dense (SP)	COARSE ALLUVIUM									
49											
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-16 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 915.9 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	SANDY LEAN CLAY, slightly organic, trace roots, dark brown, frozen to 12 inches (CL)	TOPSOIL		F/M	AS		16				
2	SILTY SAND, fine to medium grained, brown, moist, loose, lens of clayey sand (SM)	COARSE ALLUVIUM									
3											
4											
5			8	M	SS	13	15				26
6											
7											
8	SAND WITH SILT, a little gravel, fine to medium grained, brown, moist, medium dense (SP-SM)										
9											
10			13	M	SS	12	9				10
11											
12											
12	SANDY LEAN CLAY, a little gravel, dark gray, stiff to very stiff, laminations of clayey sand (CL)	TILL									
13											
14											
15			13	M	SS	14	18				
16											
17											
18											
19											
20											
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling		10	M	SS	14	17				

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-49½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
		12/30/22	*WD					50.0	
		12/30/22	*AD		49.0	4.0		47.5	
BORING COMPLETED: 12/30/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-16 (p. 2 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SANDY LEAN CLAY, a little gravel, dark gray, stiff to very stiff, laminations of clayey sand (CL) (continued)	TILL (continued)									
25			20	M	SS	14	14				
26	SILTY SAND, fine grained, brown, moist, medium dense to dense, laminations of silt below 29' (SM)	COARSE ALLUVIUM									
27											
28											
29											
30			31	M	SS	14	7				14
31	SAND, fine grained, brown, moist, dense to medium dense (SP)										
32											
33											
34											
35			14	M	SS	11					
36											
37											
38											
39											
40			18	M	SS	13	3				2
41											
42											
43	SAND, fine to medium grained, brown, moist, medium dense (SP)										
44											
45			20	M	SS	12					
46											
47											
48	SAND, fine to medium grained, grayish brown, waterbearing, medium dense (SP)										
49											
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-17 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 939.2 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	SANDY LEAN CLAY, a little gravel, trace roots, dark brown (CL)	TOPSOIL		M	AS		21				
2	SANDY LEAN CLAY, a little gravel, brown (CL)	MIXED ALLUVIUM									
3											
4	SANDY LEAN CLAY, a little gravel, brown and light brown, stiff, laminations of silt (CL)										
5			12	M	SS	12	19				
6											
7											
8											
9											
10			13	M	SS	14	19		28	17	53
11											
12											
13		TILL									
14	SANDY LEAN CLAY, a little gravel, gray brown and brown with iron oxidation staining, stiff, laminations of silty sand (CL)										
15			14	M	SS	15	20				
16											
17											
18											
19	SANDY LEAN CLAY, a little gravel, brown, stiff (CL)										
20											
21			15	M	SS	16	19				
22											
	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-69½'	3.25" HSA							70.0	
		12/29/22	*WD						
		12/29/22	*AD			36.0			
BORING COMPLETED: 12/29/23									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-17 (p. 2 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SANDY LEAN CLAY, a little gravel, dark gray, very stiff (CL)	TILL (continued)									
25			20	M	SS	6	17				
26											
27											
28											
29											
30	CLAYEY SAND, a little gravel, dark gray, hard, laminations of silty sand (SC)	TILL (continued)	16	M	SS	15	17		25	16	52
31											
32											
33											
34											
35	SAND WITH SILT, fine grained, brown, moist, medium dense (SP-SM)	TILL (continued)	54	M	SS	14	13				
36											
37											
38											
39											
40	SAND, fine grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM	24	M	SS	12	4				5
41											
42											
43											
44											
45	SAND, a little gravel, fine to medium grained, brown, moist to about 70' then waterbearing, medium dense to dense	COARSE ALLUVIUM	12	M	SS	12					
46											
47											
48											
49											
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-17 (p. 3 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
51	SAND, a little gravel, fine to medium grained, brown, moist to about 70' then waterbearing, medium dense to dense <i>(continued)</i>	COARSE ALLUVIUM <i>(continued)</i>	12	M	SS	13					
52											
53											
54											
55			21	M	SS	12	4				2
56											
57											
58											
59											
60			31	M	SS	12					
61											
62											
63											
64											
65			33	M	SS	12					
66											
67											
68											
69											
70			37	▽ W	SS	12					
71	END OF BORING										

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-18 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 919.9 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	LEAN CLAY WITH SAND, slightly organic, trace roots, dark brown, frozen to 0.5' (CL)	TOPSOIL		M	AS		23				
2	SANDY LEAN CLAY, trace roots, brown (CL)	MIXED ALLUVIUM					20				
3											
4	SILTY SAND, fine grained, brown, moist, medium dense (SM)	COARSE ALLUVIUM									
5			13	M	SS	12	13				33
6											
7											
8	CLAYEY SAND, a little gravel, grayish brown and brown with iron oxidation staining, very stiff (SC)	MIXED ALLUVIUM									
9											
10	SILTY SAND, fine grained, grayish brown, moist, medium dense (SM)	COARSE ALLUVIUM	18	M	SS	12	18				14
11							17				
12											
13	CLAYEY SAND, a little gravel, dark gray, stiff (SC)	TILL									
14											
15			16	M	SS	14	18				
16											
17											
18											
19											
20											
21											
22			13	M	SS	15	17				
	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-49½'	3.25" HSA								
		12/29/22	*WD					25.0	
		12/29/22	*AD		24.0			22.0	
BORING COMPLETED: 12/29/23		12/29/22	*AD	49.0		23.0		49.5	
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476**

Log of Boring No. **SB-18 (p. 2 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SAND WITH SILT, fine to medium grained, gray, wet, medium dense (SP-SM)	COARSE ALLUVIUM	23			SS	12	22			10
25											
26											
27											
28	CLAYEY SAND, a little gravel, hard, lense clayey silt (SC)	MIXED ALLUVIUM	42	M		SS	14	13			
29											
30											
31											
32	SILTY SAND, a little gravel, fine to coarse grained, brown, moist, very dense (SM)	COARSE ALLUVIUM	65	M		SS	11	10			14
33											
34											
35											
36	SAND WITH SILT, a little gravel, fine grained, brown, moist, dense (SP-SM)		44	M		SS	12				
37											
38											
39											
40	SAND WITH SILT, fine to medium grained, brown, moist, dense (SP)		35	M		SS	12	4			5
41											
42											
43											
44	SAND WITH GRAVEL, fine to medium grained, brown, waterbearing, medium dense (SP)										
45											
46											
47											
48											
49											
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-19 (p. 1 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	Surface Elevation 927.9 MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
1	CLAYEY SAND, a little gravel, dark brown, frozen (SC)	TOPSOIL		F/M	AS						
2	CLAYEY SAND, brown, very stiff (SC)	MIXED ALLUVIUM					36				
3											
4	SILTY SAND, fine grained, brown, moist, medium dense (SM)	COARSE ALLUVIUM									
5	CLAYEY SAND, a little gravel, brown, stiff, lenses of silty sand (SC)	MIXED ALLUVIUM	16	M	SS	12	15				
6											
7											
8	SANDY LEAN CLAY, a little gravel, brown, stiff to very stiff, lens of silty sand (CL)	TILL									
9											
10			14	M	SS	10	19				
11											
12											
13											
14											
15			17	M	SS	14	19				
16											
17											
18											
19											
20			15	M	SS	15	18				
21											
22	*WD - Water level measured while drilling *AD - Water level measured at completion of drilling										

DEPTH: DRILLING METHOD		WATER LEVEL MEASUREMENTS							NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
		DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	DRILLING FLUID LEVEL	WATER LEVEL	
0-59½'	3.25" HSA	12/28/22	*WD					60.0	
		12/28/22	*AD		59.0	31.0		58.0	
BORING COMPLETED: 12/28/22									
DR: BR LG: DR Rig: GRD751									

AET CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23

SUBSURFACE BORING LOG

AET No: **P-0017476** Log of Boring No. **SB-19 (p. 2 of 3)**
 Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
24	SANDY LEAN CLAY, brown to dark gray, very stiff, lens of clayey sand and laminations of silty sand (CL)	TILL (continued)									
25			25	M	SS	15	17				
26											
27											
28	CLAYEY SAND, a little gravel, grayish brown with a little iron oxidation staining, hard (SC)										
29											
30			32	M	SS	12	15				
31											
32	SAND, fine to medium grained, brown, moist, medium dense (SP)	COARSE ALLUVIUM									
33											
34			20	M	SS	12	5				3
35											
36	SAND, a little gravel, fine to medium grained, brown, moist, medium dense (SP)										
37											
38			24	M	SS	15					
39											
40											
41											
42											
43											
44											
45			26	M	SS	13	4				3
46											
47											
48	SAND, a little gravel, fine to coarse grained, brown and grayish brown, moist, dense (SP)										
49											
50											

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



SUBSURFACE BORING LOG

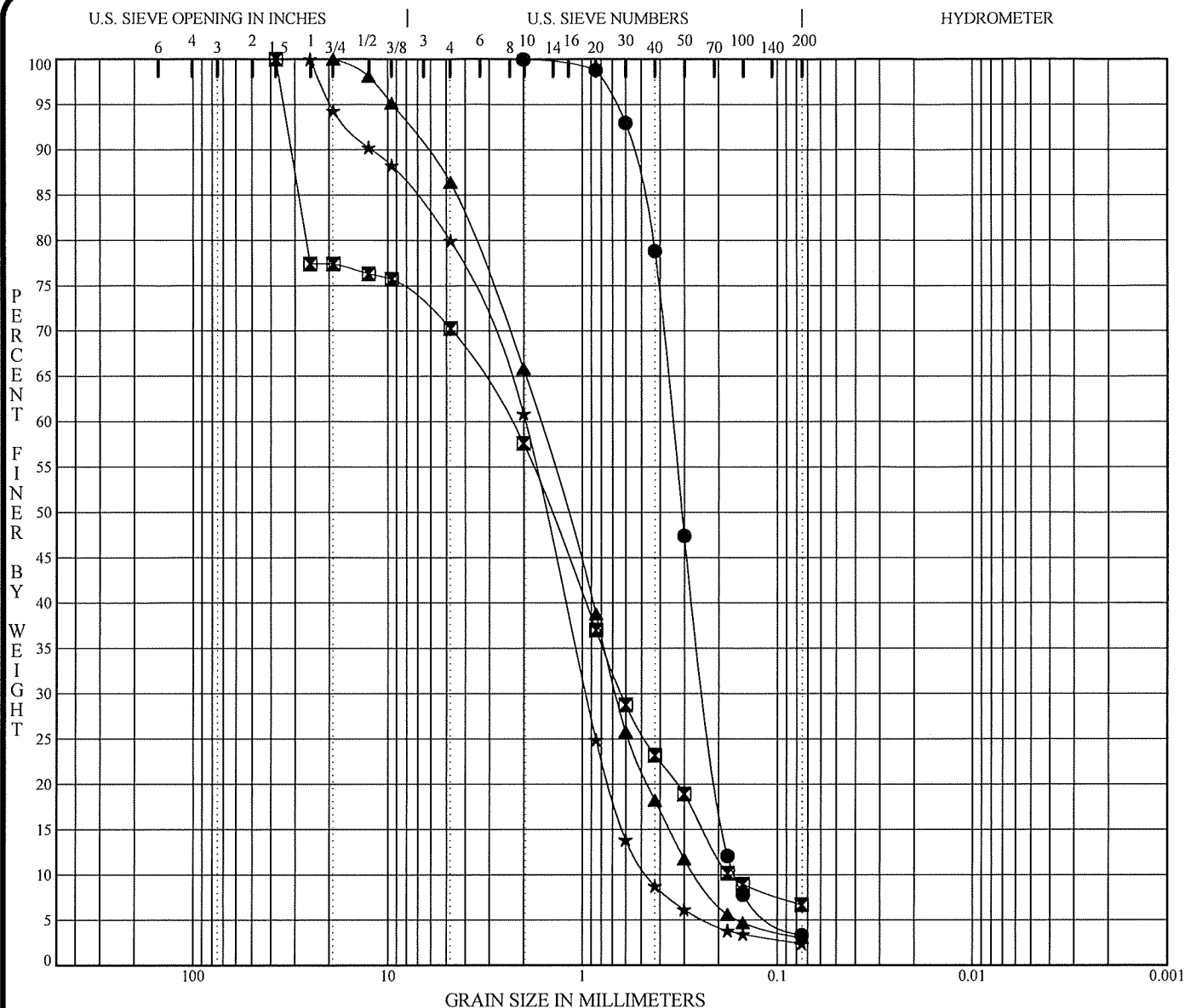
AET No: **P-0017476**

Log of Boring No. **SB-19 (p. 3 of 3)**

Project: **Kemmetmueller Property Gravel Exploration; Rogers, MN**

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS				
							WC	DEN	LL	PL	%-#200
51	SAND, a little gravel, fine to coarse grained, brown and grayish brown, moist, dense (SP) <i>(continued)</i>	COARSE ALLUVIUM <i>(continued)</i>	37	M	SS	10					
52											
53	SAND, a little gravel, fine to medium grained, brown, moist to wet, dense (SP)		38	M	SS	2					
54											
55											
56											
57											
58											
59											
60											
61	END OF BORING		31	W	SS	10					

AET_CORP P-0017476 KEMMETMUELLER.GPJ AET+CPT+WELL.GDT 1/9/23



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification			Classification				MC%	LL	PL	PI	Cc	Cu
●	SB- 1	5.3'	SAND (SP)				5				0.96	2.1
☒	SB- 1	10.3'	SAND WITH SILT AND GRAVEL (SP-SM)				3				0.97	13.4
▲	SB- 2	10.3'	SAND, a little gravel (SW)				4				1.04	6.4
★	SB- 2	20.3'	SAND WITH GRAVEL (SP)				3				1.02	4.2
Specimen Identification			D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
●	SB- 1	5.3'	2.00	0.34	0.233	0.1647	0.0	96.7	3.3			
☒	SB- 1	10.3'	37.50	2.35	0.632	0.1758	29.7	63.6	6.7			
▲	SB- 2	10.3'	19.00	1.66	0.672	0.2597	13.6	83.4	3.0			
★	SB- 2	20.3'	25.00	1.96	0.959	0.4619	20.0	77.5	2.4			

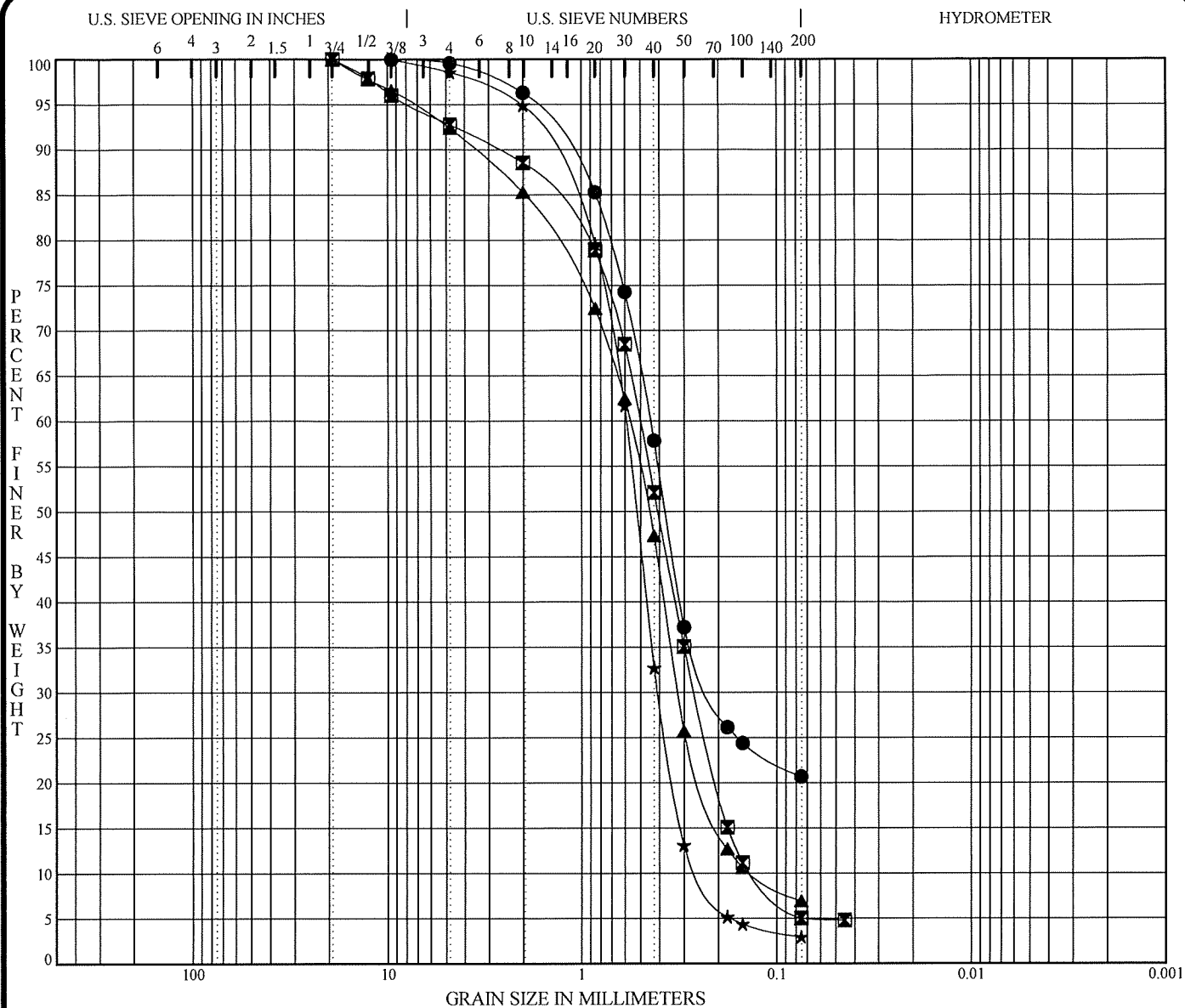
PROJECT **Kemmetmueller Property Gravel Exploration;**
Rogers, MN

AET JOB NO. **P-0017476**
 DATE **12/14/22**



American Engineering Testing Inc.
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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
● SB- 3 5.3'	SILTY SAND (SM)	8					
☒ SB- 3 15.3'	SAND WITH SILT, a little gravel (SP-SM)	8				1.05	3.8
▲ SB- 5 5.3'	SAND WITH SILT, a little gravel (SP-SM)	7				1.36	4.2
★ SB- 5 10.3'	SAND (SP)	6				1.14	2.4

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● SB- 3 5.3'	9.50	0.44	0.215		0.4	78.9	20.7	
☒ SB- 3 15.3'	19.00	0.50	0.264	0.1317	7.2	87.8	5.0	
▲ SB- 5 5.3'	19.00	0.57	0.322	0.1338	7.6	85.5	6.9	
★ SB- 5 10.3'	9.50	0.59	0.405	0.2454	1.4	95.6	3.0	

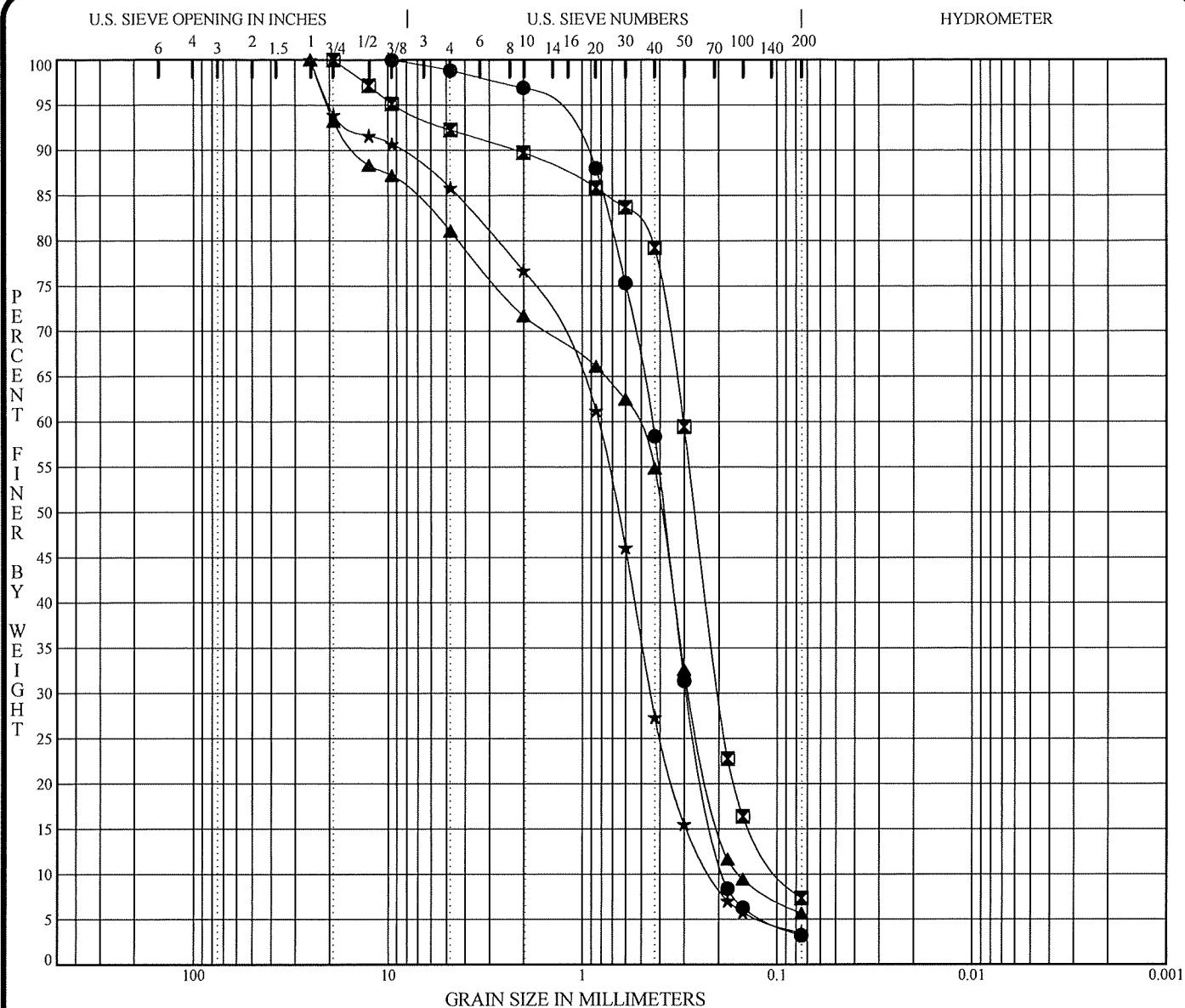
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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
● SB- 6 10.3'	SAND WITH SILT, a little gravel (SP-SM)	10				1.03	2.4
☒ SB- 6 20.3'	SAND (SP)	7				1.42	3.3
▲ SB- 7 5.3'	SAND WITH SILT AND GRAVEL (SP-SM)	5				0.94	3.4
★ SB- 7 30.3'	SAND, a little gravel (SP)	3				1.12	3.8

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● SB- 6 10.3'	9.50	0.44	0.291	0.1865	1.1	95.6	3.2	
☒ SB- 6 20.3'	19.00	0.30	0.199	0.0919	7.7	84.9	7.4	
▲ SB- 7 5.3'	25.00	0.54	0.281	0.1572	18.9	75.4	5.7	
★ SB- 7 30.3'	25.00	0.83	0.446	0.2150	14.1	82.3	3.5	

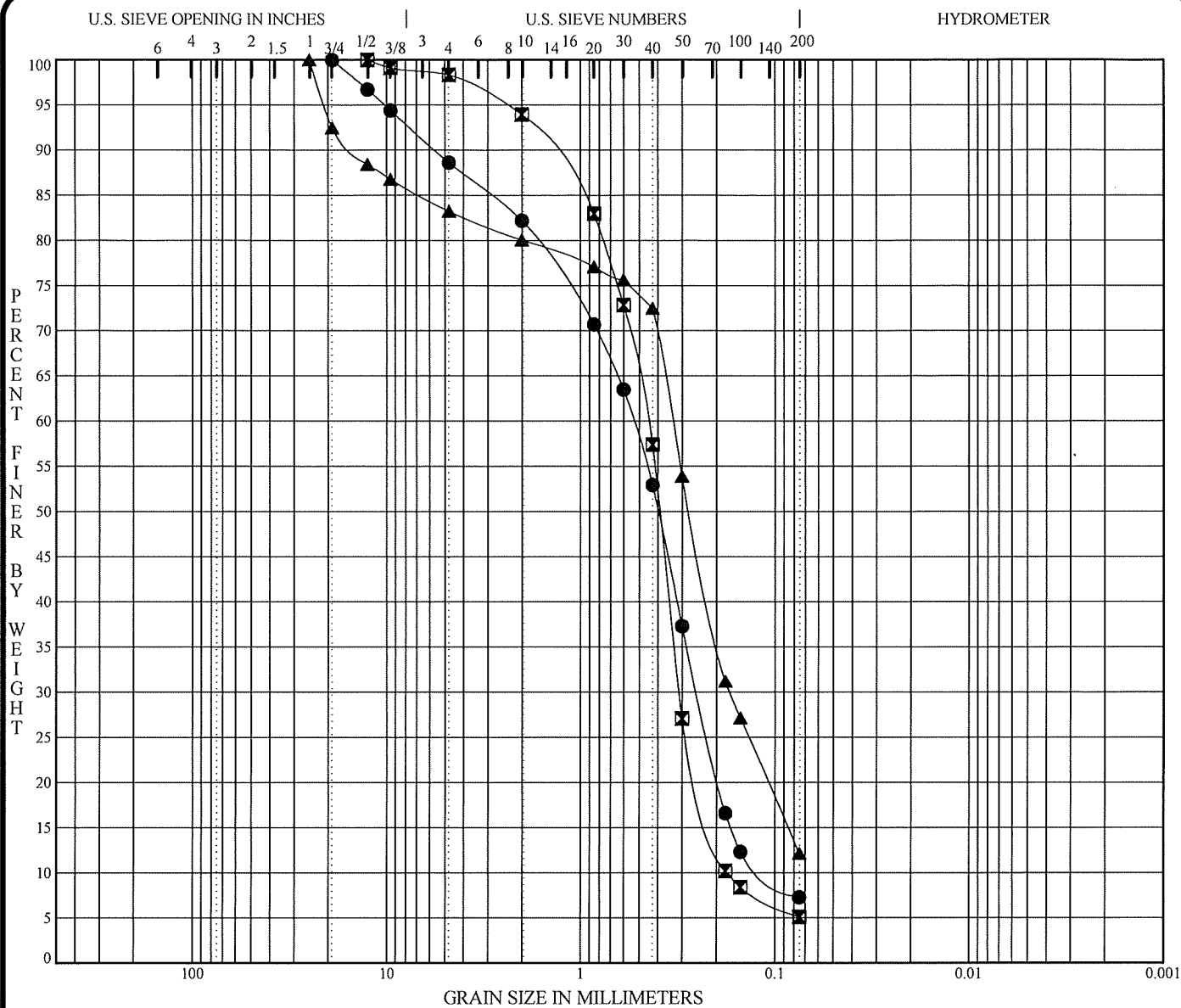
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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification			MC%	LL	PL	PI	Cc	Cu
●	SB- 8	5.3'	SAND WITH SILT, a little gravel (SP-SM)			21			1.08	4.9
☒	SB- 9	5.3'	SAND WITH SILT (SP-SM)			3			1.21	2.5
▲	SB- 9	20.3'	SILTY SAND WITH GRAVEL (SM)			6			1.27	4.9
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
●	SB- 8	5.3'	19.00	0.54	0.250	0.1090	11.4	81.3	7.3	
☒	SB- 9	5.3'	12.50	0.45	0.310	0.1766	1.6	93.2	5.1	
▲	SB- 9	20.3'	25.00	0.34	0.171		16.8	71.1	12.1	

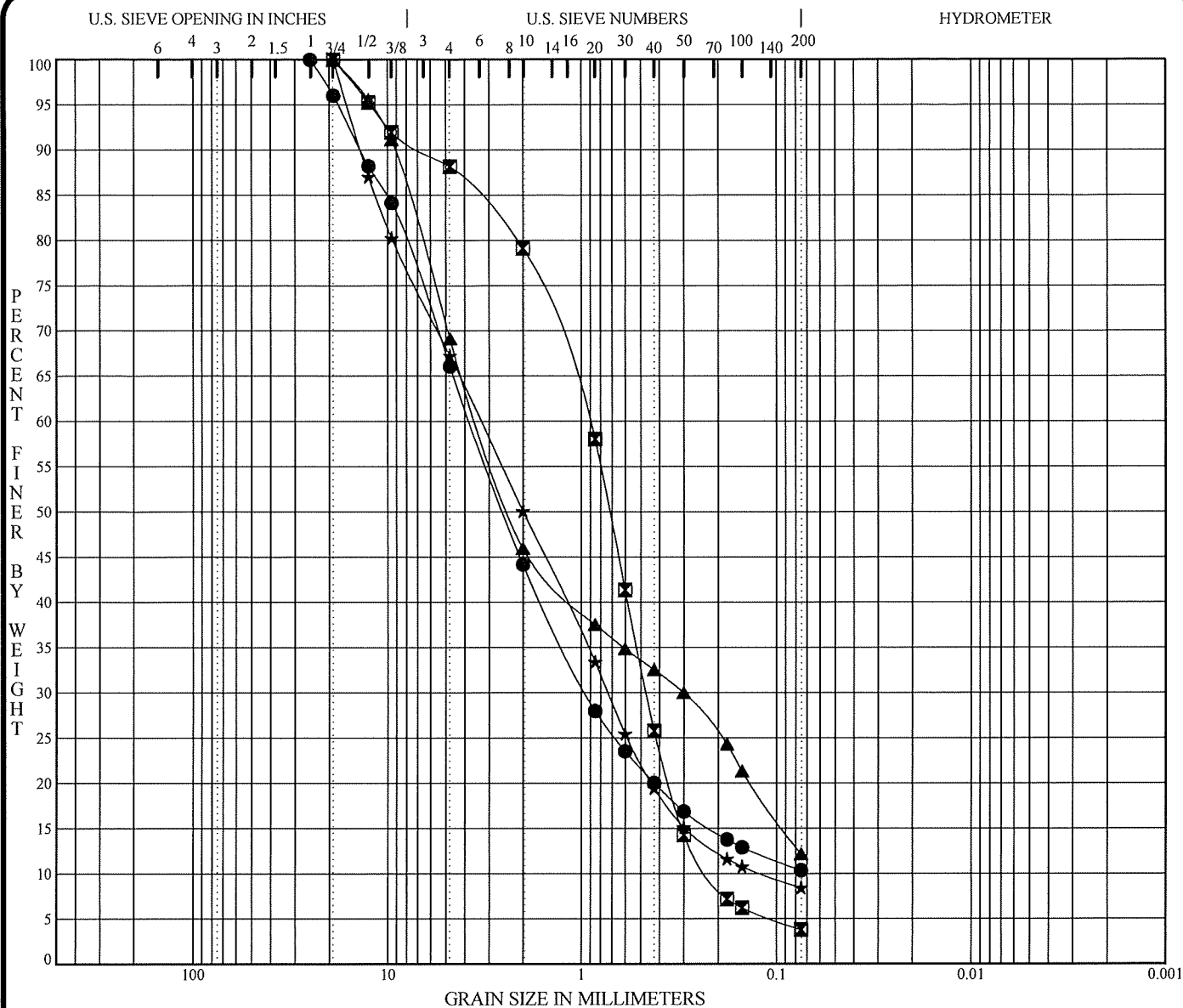
PROJECT **Kemmetmueller Property Gravel Exploration;**
Rogers, MN

AET JOB NO. **P-0017476**
DATE **12/27/22**



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St. Paul, MN 55114
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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
● SB-10 20.3'	GRAVELLY SAND WITH SILT (SP-SM)	8				3.52	55.0
☒ SB-10 30.3'	SAND, a little gravel (SP)	2				1.07	4.2
▲ SB-11 10.3'	GRAVELLY SAND WITH SILT (SP-SM)	4				0.42	53.1
★ SB-11 50.3'	GRAVELLY SAND WITH SILT (SP-SM)	4				1.36	27.6

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● SB-10 20.3'	25.00	3.74	0.946		33.9	55.7	10.4	
☒ SB-10 30.3'	19.00	0.92	0.467	0.2204	11.8	84.4	3.8	
▲ SB-11 10.3'	19.00	3.38	0.301		30.9	57.0	12.2	
★ SB-11 50.3'	19.00	3.29	0.732	0.1192	32.7	58.8	8.4	

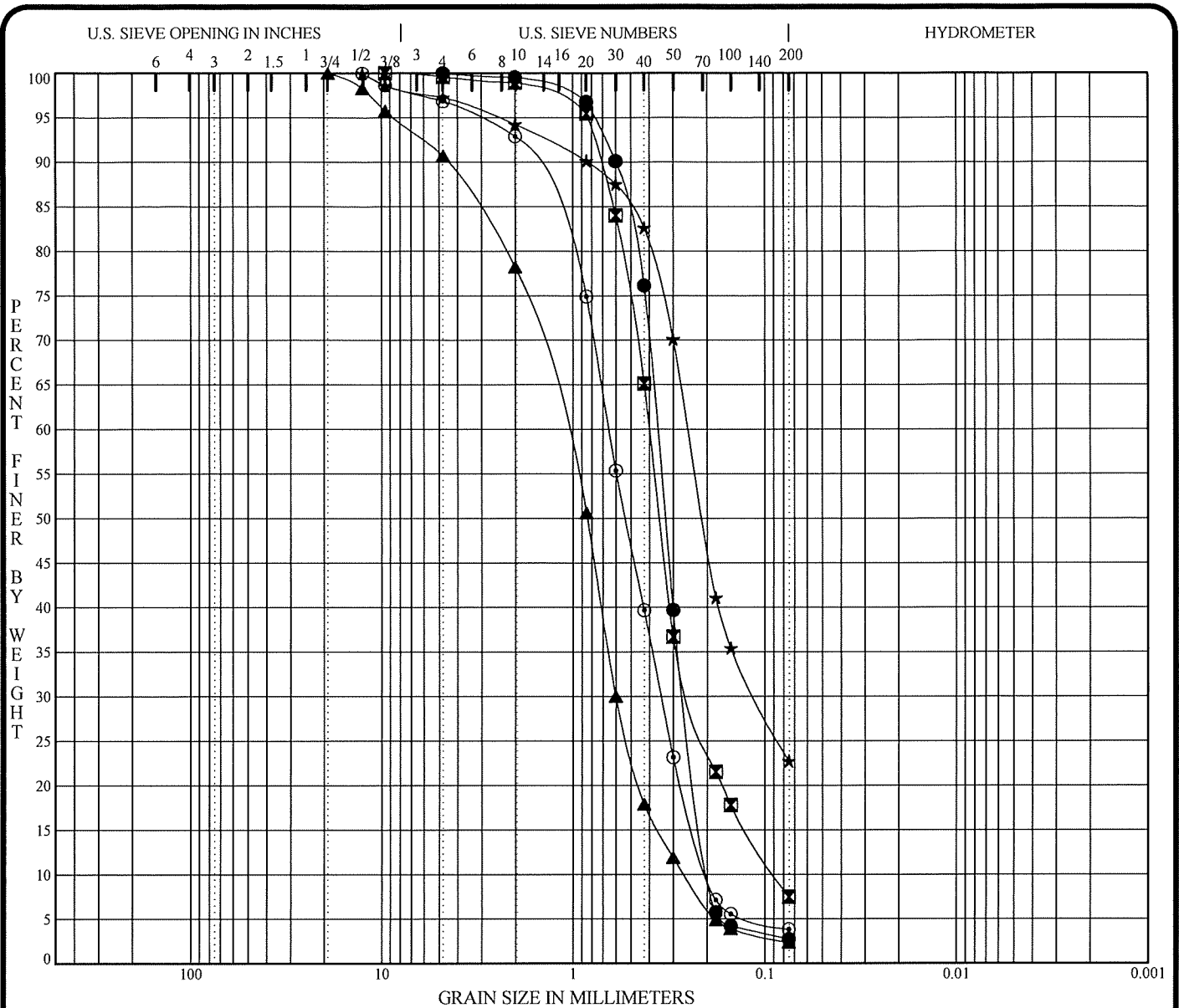
PROJECT **Kemmetmueller Property Gravel Exploration;**
Rogers, MN

AET JOB NO. **P-0017476**
DATE **12/19/22**



American Engineering Testing Inc
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St. Paul, MN 55114
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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification			MC%	LL	PL	PI	Cc	Cu
●	SB-12 5.3'	SAND (SP)			7				0.96	1.9
☒	SB-12 20.3'	SAND WITH SILT (SP-SM)			6				1.62	4.5
▲	SB-12 25.3'	SAND, a little gravel (SP)			3				1.21	4.3
★	SB-13 35.3'	SILTY SAND (SM)			8					
⊙	SB-13 55.3'	SAND (SP)			3				0.93	3.3
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
●	SB-12 5.3'	4.75	0.36	0.259	0.1919	0.0	97.3	2.7		
☒	SB-12 20.3'	9.50	0.40	0.239	0.0888	0.4	92.1	7.5		
▲	SB-12 25.3'	19.00	1.14	0.600	0.2615	9.3	88.3	2.4		
★	SB-13 35.3'	12.50	0.25	0.111		2.7	74.5	22.7		
⊙	SB-13 55.3'	12.50	0.65	0.346	0.1971	3.1	93.0	3.8		

PROJECT **Kemmetmueller Property Gravel Exploration;**
Rogers, MN

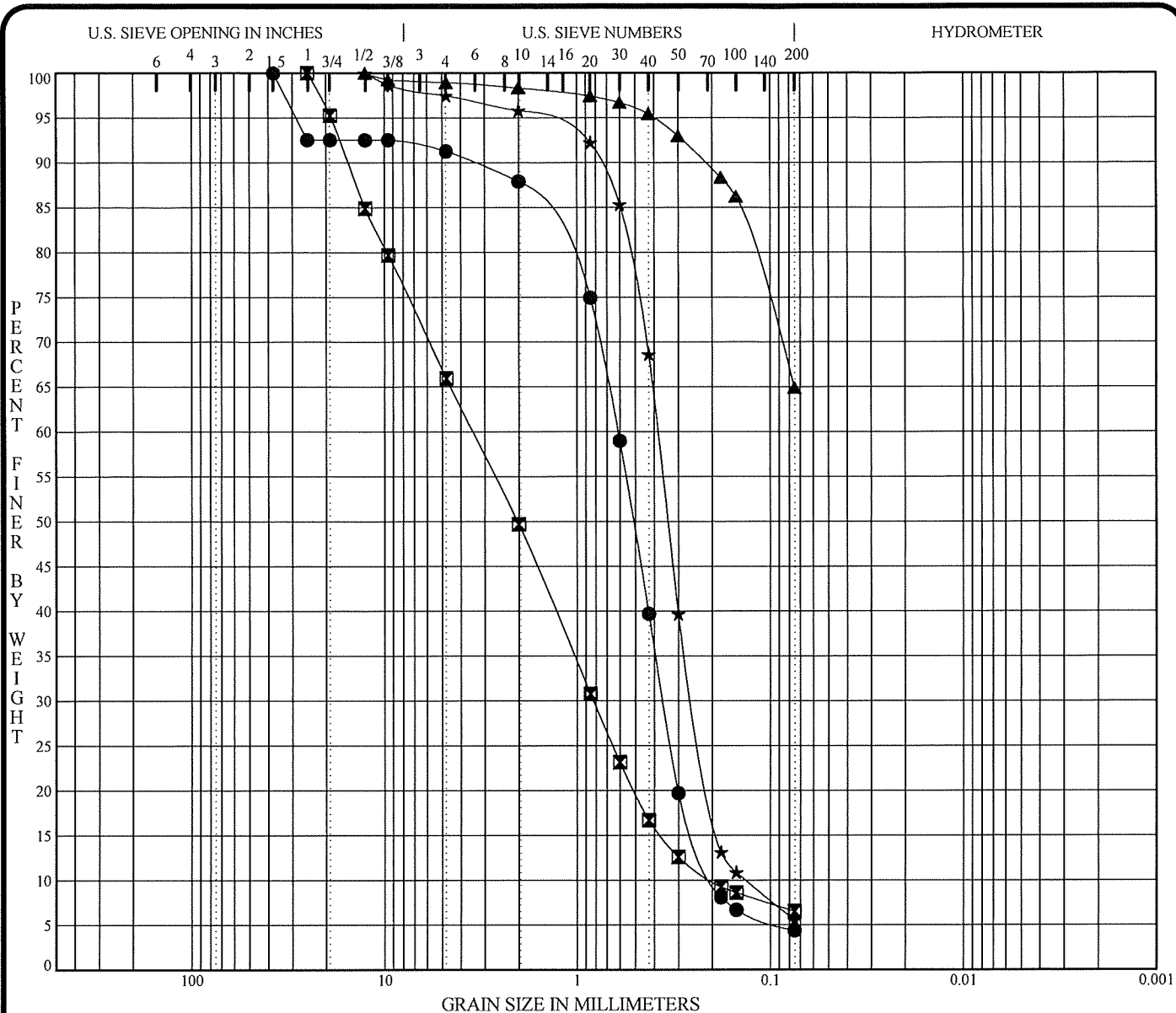
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DATE **12/30/22**



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ENGINEERING TESTING

American Engineering Testing Inc
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St. Paul, MN 55114
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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification			Classification				MC%	LL	PL	PI	Cc	Cu
●	SB-14	30.3'	SAND, a little gravel (SP)				3				1.07	3.1
☒	SB-14	40.3'	GRAVELLY SAND WITH SILT (SP-SM)				3				0.96	17.1
▲	SB-15	45.3'	SANDY SILT (ML)				20					
★	SB-15	50.3'	SAND WITH SILT (SP-SM)				20				1.21	2.9
Specimen Identification			D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
●	SB-14	30.3'	37.50	0.61	0.359	0.1957	8.7	86.9	4.4			
☒	SB-14	40.3'	25.00	3.46	0.820	0.2020	34.1	59.4	6.5			
▲	SB-15	45.3'	12.50				1.1	34.0	64.9			
★	SB-15	50.3'	12.50	0.38	0.249	0.1340	2.5	91.9	5.6			

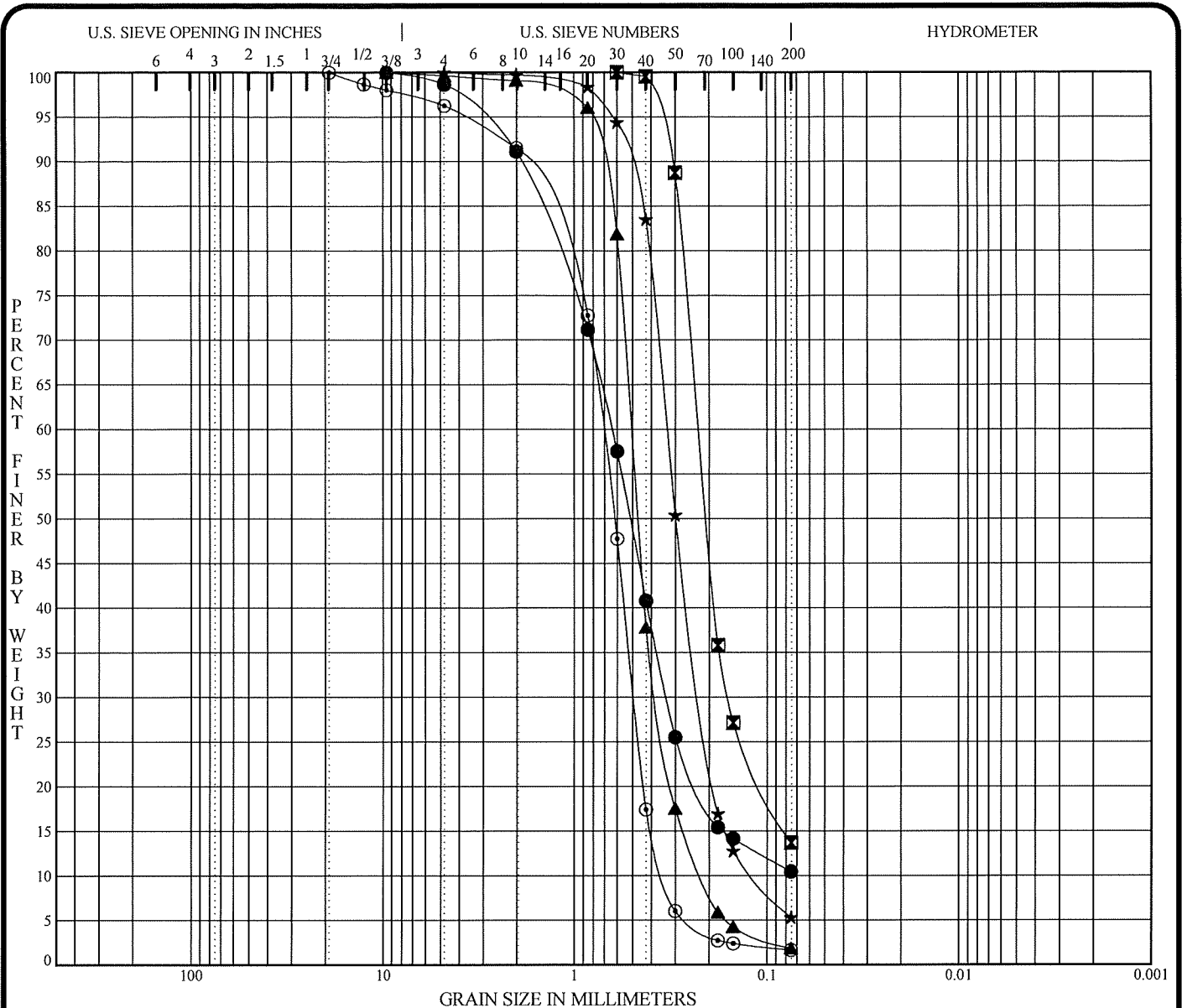
PROJECT Kemmetmueller Property Gravel Exploration;
Rogers, MN

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DATE 12/28/22



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St. Paul, MN 55114
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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification			Classification				MC%	LL	PL	PI	Cc	Cu
●	SB-16	10.3'	SAND WITH SILT (SP-SM)				9				2.52	9.3
☒	SB-16	30.0'	SILTY SAND (SM)				7					
▲	SB-16	40.3'	SAND (SP)				3				1.27	2.3
★	SB-17	40.3'	SAND WITH SILT (SP-SM)				4				1.26	2.9
⊙	SB-17	55.3'	SAND (SP)				4				1.00	2.1
Specimen Identification			D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
●	SB-16	10.3'	9.50	0.64	0.332		1.3	88.2	10.5			
☒	SB-16	30.0'	0.60	0.23	0.159		0.0	86.3	13.7			
▲	SB-16	40.3'	9.50	0.51	0.372	0.2156	0.4	97.8	1.9			
★	SB-17	40.3'	4.75	0.33	0.220	0.1158	0.0	94.7	5.3			
⊙	SB-17	55.3'	19.00	0.71	0.490	0.3387	3.7	94.6	1.7			

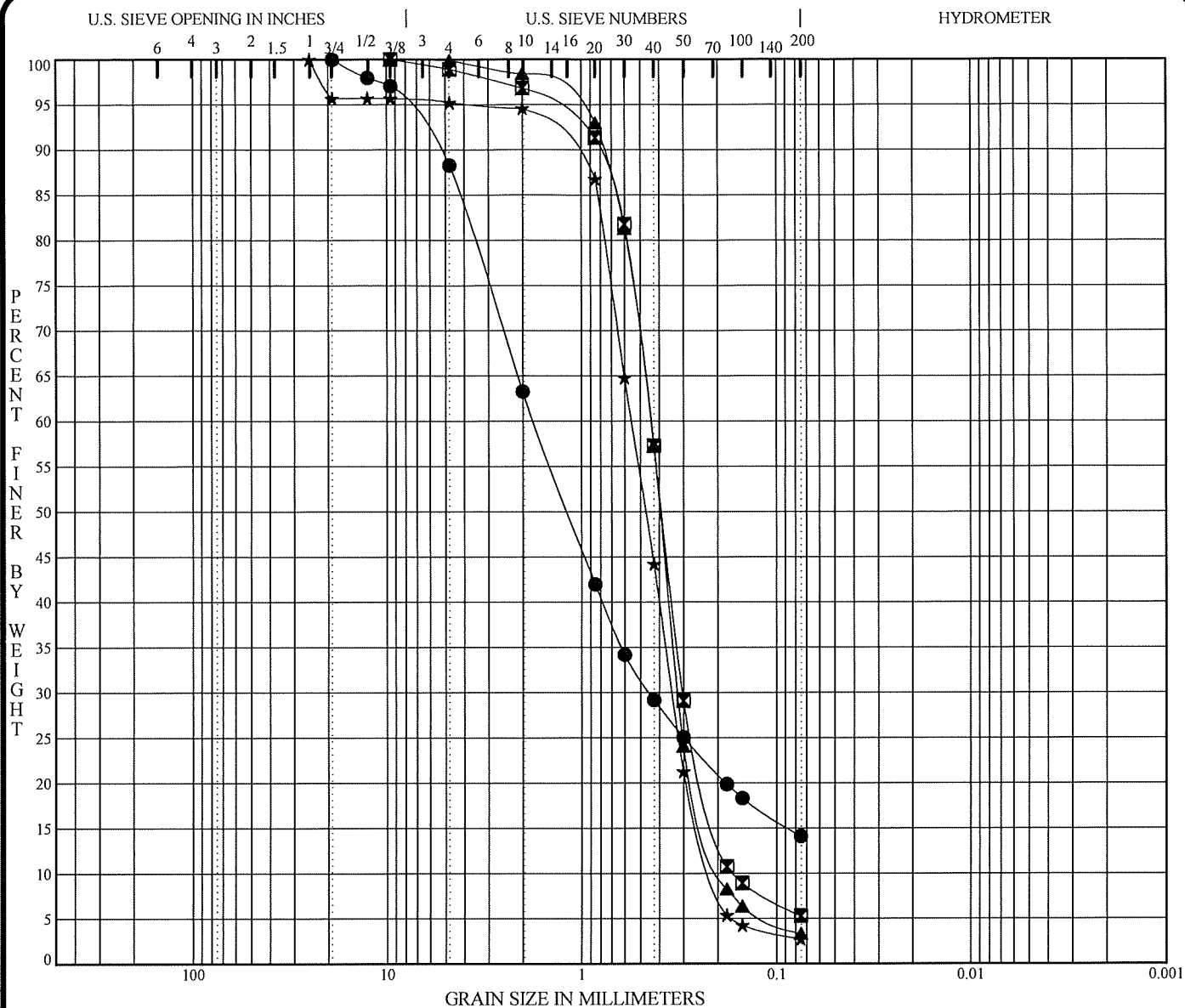
PROJECT **Kemmetmueller Property Gravel Exploration;**
Rogers, MN

AET JOB NO. **P-0017476**
DATE **12/29/23**



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GRADATION CURVES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	SB-18 35.3'	SILTY SAND, a little gravel (SM)	10					
☒	SB-18 45.3'	SAND WITH SILT (SP-SM)	4				1.25	2.6
▲	SB-19 35.3'	SAND (SP)	5				1.21	2.3
★	SB-19 45.3'	SAND, a little gravel (SP)	4				1.01	2.7

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	SB-18 35.3'	19.00	1.75	0.450		11.7	74.2	14.1	
☒	SB-18 45.3'	9.50	0.44	0.303	0.1672	1.1	93.6	5.3	
▲	SB-19 35.3'	9.50	0.44	0.319	0.1905	0.1	96.6	3.3	
★	SB-19 45.3'	25.00	0.55	0.342	0.2087	4.8	92.5	2.7	

PROJECT Kemmetmueller Property Gravel Exploration;
Rogers, MN

AET JOB NO. P-0017476
DATE 12/28/22



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GRADATION CURVES

Attachment C
Ghost Plat

VEIT KEMMETMUELLER
GHOST PLAT

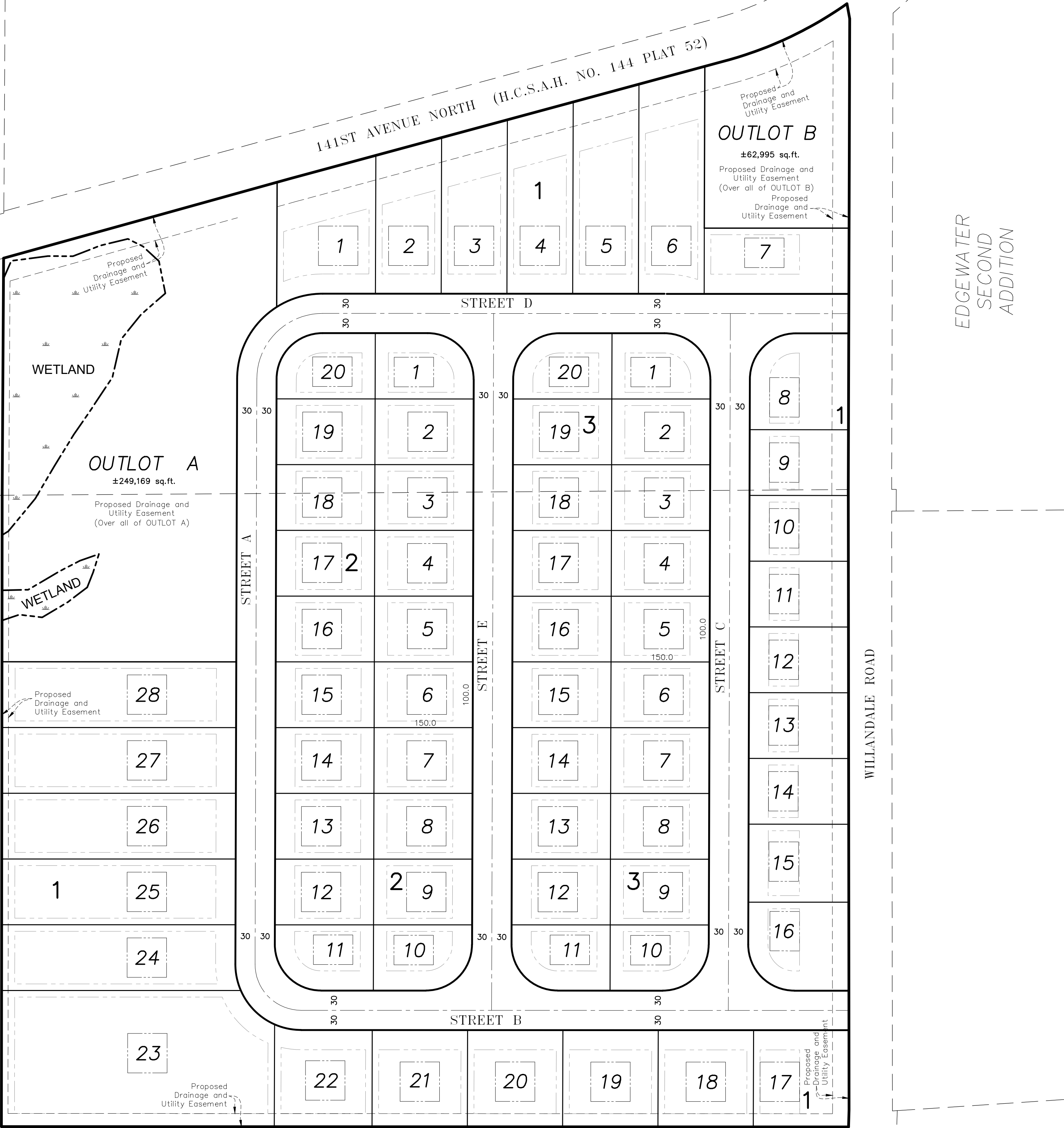
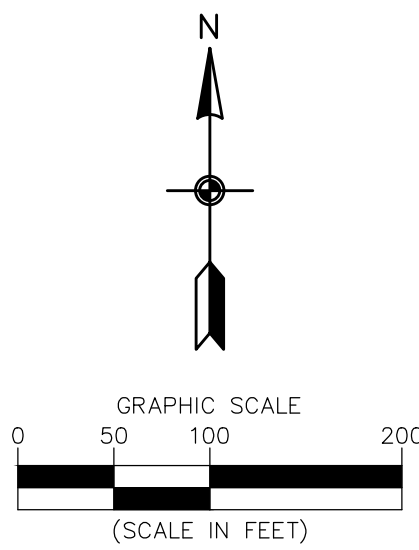
R.T. DOC. NO. _____

C.R. DOC. NO. _____

LEGEND
- - - - - Denotes Building Pad
- - - - - Denotes Buildable Area

NOTES

- 1) No field work has been completed at this time.
2) No Title Work has been furnished for this survey, property is subject to all easements of record, if any.
3) Wetlands shown hereon were delineated by Carlson McCain, Inc. in 2023.



LOT AREA TABLE

PROP LOTS	PROP. BLOCKS	LOT AREA	BUILDABLE AREA
1	1	±28,955 sq.ft.	±10,915 sq.ft.
2	1	±22,392 sq.ft.	±9,293 sq.ft.
3	1	±25,105 sq.ft.	±11,463 sq.ft.
4	1	±27,817 sq.ft.	±13,633 sq.ft.
5	1	±30,530 sq.ft.	±15,803 sq.ft.
6	1	±33,534 sq.ft.	±18,109 sq.ft.
7	1	±22,008 sq.ft.	±8,092 sq.ft.
8	1	±20,962 sq.ft.	±4,466 sq.ft.
9	1	±15,008 sq.ft.	±3,607 sq.ft.
10	1	±15,033 sq.ft.	±3,626 sq.ft.
11	1	±15,075 sq.ft.	±3,627 sq.ft.
12	1	±15,117 sq.ft.	±3,627 sq.ft.
13	1	±15,160 sq.ft.	±3,627 sq.ft.
14	1	±15,202 sq.ft.	±3,627 sq.ft.
15	1	±18,081 sq.ft.	±4,680 sq.ft.
16	1	±19,559 sq.ft.	±4,199 sq.ft.
17	1	±21,362 sq.ft.	±5,856 sq.ft.
18	1	±21,326 sq.ft.	±12,134 sq.ft.
19	1	±21,326 sq.ft.	±12,134 sq.ft.
20	1	±21,326 sq.ft.	±12,134 sq.ft.
21	1	±21,326 sq.ft.	±12,134 sq.ft.
22	1	±21,959 sq.ft.	±12,515 sq.ft.
23	1	±84,336 sq.ft.	±65,144 sq.ft.
24	1	±35,668 sq.ft.	±24,482 sq.ft.
25	1	±35,573 sq.ft.	±24,459 sq.ft.
26	1	±35,590 sq.ft.	±24,472 sq.ft.
27	1	±35,607 sq.ft.	±24,485 sq.ft.
28	1	±35,623 sq.ft.	±24,498 sq.ft.
1	2	±13,942 sq.ft.	±5,655 sq.ft.
2	2	±15,000 sq.ft.	±8,000 sq.ft.
3	2	±15,000 sq.ft.	±8,000 sq.ft.
4	2	±15,000 sq.ft.	±8,000 sq.ft.
5	2	±15,000 sq.ft.	±8,000 sq.ft.
6	2	±15,000 sq.ft.	±8,000 sq.ft.
7	2	±15,000 sq.ft.	±8,000 sq.ft.
8	2	±15,000 sq.ft.	±8,000 sq.ft.
9	2	±15,000 sq.ft.	±8,000 sq.ft.
10	2	±13,955 sq.ft.	±5,659 sq.ft.
11	2	±13,942 sq.ft.	±5,655 sq.ft.
12	2	±15,000 sq.ft.	±8,000 sq.ft.
13	2	±15,000 sq.ft.	±8,000 sq.ft.
14	2	±15,000 sq.ft.	±8,000 sq.ft.
15	2	±15,000 sq.ft.	±8,000 sq.ft.
16	2	±15,000 sq.ft.	±8,000 sq.ft.
17	2	±15,000 sq.ft.	±8,000 sq.ft.
18	2	±15,000 sq.ft.	±8,000 sq.ft.
19	2	±15,000 sq.ft.	±8,000 sq.ft.
20	2	±13,955 sq.ft.	±5,659 sq.ft.
1	3	±13,942 sq.ft.	±5,655 sq.ft.
2	3	±15,000 sq.ft.	±8,000 sq.ft.
3	3	±15,000 sq.ft.	±8,000 sq.ft.
4	3	±15,000 sq.ft.	±8,000 sq.ft.
5	3	±15,000 sq.ft.	±8,000 sq.ft.
6	3	±15,000 sq.ft.	±8,000 sq.ft.
7	3	±15,000 sq.ft.	±8,000 sq.ft.
8	3	±15,000 sq.ft.	±8,000 sq.ft.
9	3	±15,000 sq.ft.	±8,000 sq.ft.
10	3	±13,955 sq.ft.	±5,659 sq.ft.
11	3	±13,942 sq.ft.	±5,655 sq.ft.
12	3	±15,000 sq.ft.	±8,000 sq.ft.
13	3	±15,000 sq.ft.	±8,000 sq.ft.
14	3	±15,000 sq.ft.	±8,000 sq.ft.
15	3	±15,000 sq.ft.	±8,000 sq.ft.
16	3	±15,000 sq.ft.	±8,000 sq.ft.
17	3	±15,000 sq.ft.	±8,000 sq.ft.
18	3	±15,000 sq.ft.	±8,000 sq.ft.
19	3	±15,000 sq.ft.	±8,000 sq.ft.
20	3	±13,955 sq.ft.	±5,659 sq.ft.

KEVIN SCHERBER
ADDITION

Appendix D
Wetland Delineation
Report

FIELD WETLAND DELINEATION REPORT

Kemmetmueller Property
PID #1612023320001
Rogers, Minnesota
Project #10530-00

Prepared for:

Peter Williams
Veit and Company, Inc.
14000 Veit Place
Rogers, MN 55374

June 26, 2023



15650 36TH AVENUE N, SUITE 110
PLYMOUTH, MN 55446

TEL 952.346.3900
FAX 952.346.3901

CARLSONMCCAIN.COM

ENGINEERING \ LAND SURVEYING \ ENVIRONMENTAL

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FIGURES

Figure 1 – Site Location Map

Figure 2 – Soil Survey Map

Figure 3 – Contour Elevation Map

Figure 4 – NWI Map

Figure 5 – Wetland Delineation Map

APPENDICES

Appendix A USACE Wetland Determination Data Forms

Appendix B Aerial Photo Review

Appendix C Project Photographs

I. INTRODUCTION

Carlson McCain, Inc. (Carlson McCain) was retained to identify and delineate wetland resources upon a portion of a property (Project Area) located in the western half of the western half of Section 16, Township 120 North, Range 23 West, Hennepin County, Minnesota (Property). The site location is shown on Figure 1 and the Project Area encompasses approximately 54.4 acres. The wetland field delineation for the Project Area was conducted on May 8, 2023, by Danny Margarit, Environmental Scientist (Certified Professional Wetland Delineator #5244).

II. BACKGROUND INFORMATION

2.1 Site Location and Use

The site is located southwest of the intersection of 141st Avenue and Willandale Road in Rogers, Hennepin County, Minnesota. The Project Area is located within the Crow River (0701020407) Hydrologic Unit Code (HUC). **Please refer to Figures.**

The Property currently consists of cultivated agricultural farmland and woodlands. According to the Minnesota Department of Natural Resources (MNDNR), using the “3-prior-month” method, antecedent precipitation at the time of delineation was classified as “wet,” as shown in the table below.

Prior Month		WETS Rainfall Percentile		Measured Rainfall	Condition: Dry, Wet, Normal	Condition Value (1=dry, 2=normal, 3=wet)	Month Weight	Weighted Value
		30th	70th					
		(Inches)						
1st (Most Recent)	April	1.97	3.06	5.89	Wet	3	3	9
2nd	March	1.17	1.69	1.7	Wet	3	2	6
3rd	February	.55	1.04	2.22	Wet	3	1	3
							Sum:	18
Rainfall of prior period was: Drier than normal (Sum is 6-9), Normal (sum is 10-14), wetter than normal (sum is 15-18)								Wet

2.2 Surveys and Maps

Carlson McCain reviewed historic aerial, soil survey, topographic, National Wetland Inventory (NWI), and Public Waters Inventory (PWI) maps for the Project Area prior to conducting the field delineation.

2.2.1 USGS Topographic Map

The Rogers, MN quadrangle map depicts one small pond on the northwest corner of the Property. The contour lines show two hills in the center of the property, sloping down to the north and to the south, with a small valley between them.

2.2.2 Soil Survey Map

The Hennepin County Soil Survey Geographic Database (SSURGO) was reviewed for relevant soil information. The Seelyville-Markey complex has a hydric rating of 100 and covers 2.5% of the Project Area. The remaining soil types have less than a 50% hydric rating.

Figure 2 shows the extent of the different soil types. Soil samples were collected during the field delineation and their characteristics, including hydric soil indicators, were recorded on the data forms included in Appendix A.

2.2.3 National Wetland Inventory Map

The NWI map shows a Palustrine Unconsolidated Bottom Seasonally Flooded Semipermanently Flooded Excavated (PUBFx) wetland, rimmed by a Palustrine Emergent Seasonally Flooded Partially Drained/Ditched (PEMCd) wetland located on the northwest corner of the Property. Adjacent on the south side of that wetland complex is a Palustrine Emergent Temporarily Flooded Partially Drained/Ditched (PEMAd) wetland.

The MNDNR has led an effort to update the state's NWI data. This effort has classified the more general NWI wetlands into numerous, smaller, more detailed wetlands. The updated wetlands are shown on Figure 4, along with the NWI wetlands. The updated NWI data depicts a PUBF wetland in the northwest corner, surrounded by a Palustrine Persistent Emergent Temporarily Flooded (PEM1A) wetland. In addition, a long slender Palustrine Persistent Emergent Temporarily Flooded Farmed (PEM1Af) wetland is depicted in the northeast corner of the Property.

2.2.4 Public Water Inventory Map

The Public Waters Inventory (PWI), formerly known as Protected Waters Inventory, consists of lakes, rivers, and wetlands, that are identified and protected by provisions set forth in Minnesota Statutes, Section 1036.005, subdivision 15. The database contains no features located within the Project Area.

III. METHODS

The field wetland delineation was conducted in accordance with the U.S. Army Corps of Engineers (USACE) 1987 *Wetland Delineation Manual* and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)* (Manual). Prior to field work, existing resource information was used to aid in identifying and delineating wetlands and drainage features within the Property. These resources included: Hennepin County NAIP aerial photographs; U.S. Fish and Wildlife Service National Wetland Inventory (USFWS, 2023); digital web soil survey of Hennepin County (USDA-NRCS, 2023); the U.S. Geological Survey National Hydrography Dataset; the MNDNR Protected Water Inventory; and the MNDNR Updated National Wetlands Inventory.

Carlson McCain field identified and delineated three wetlands within the Project Area. The wetland areas were documented with paired upland and wetland observation points. Descriptions of wetland type and documentation of the vegetation, hydrology, and hydric soils were recorded on the associated USACE

Wetland Determination Data Forms (Appendix A) and are identified by observation point labels. The observation points are identified by wetland soils (1W, 2W, etc.) or upland soils (1U, 2U, etc.). Observation points on the same wetland were labeled using alpha characters (e.g. 1Wa, 1Wb, 1Wc). Wetlands are identified numerically (e.g. Wetland 1, Wetland 2, etc.).

Existing vegetation was classified using hydrophytic vegetation criteria outlined in the Manual and the *State of Minnesota Wetland Plant List* (Lichvar et al, 2016). Hydric soil indicators were determined using the *Field Indicators of Hydric Soils in the United States; Guide for Identifying and Delineating Hydric Soils, Version 7.0* (USDA-NRCS, 2010). Hydrology was determined on-site by observation of hydrologic indicators.

Two ephemeral streams which appear to carry water during and following precipitation events were also identified.

Prior to the field delineation, an aerial photo review was completed for the Property. This review was conducted in accordance with the USACE Guidance for Offsite Hydrology/Wetland Determinations (USACE, 2016). Aerial imagery can be useful for assessing wetland hydrology in agricultural areas due to the inability of planted row crops to tolerate poor soil drainage. Signs of crop stress, saturated soil, standing water, or altered crop rows are likely to be visible on historic aerial photography. A total of six aerial photos of the Property, taken at times of average precipitation, from the years 2010 to 2021 were reviewed for evidence of the presence of wetlands. There were eight areas identified as probable or potential wetlands as result of the aerial photo review. These eight areas were verified during the field delineation. The aerial photo review data forms and historic imagery are included in Appendix B.

Soils, vegetation, hydrology, and landscape indicators were evaluated along the wetland edge to accurately delineate the wetland boundaries. Evaluated boundaries of delineated wetlands and ephemeral streams were recorded with a Trimble TSC3 Data Collector and Trimble R10-2 GNSS GPS receiver for sub-inch accuracy.

IV. RESULTS

Wetland 1 is a 1.39-acre wetland complex consisting of a Palustrine Emergent Persistent Seasonally Flooded (PEM1C) wetland surrounding a Palustrine Unconsolidated Bottom, Semipermanently Flooded (PUBF) basin. It can be classified as a Type 2 wetland with a Type 3 center, using the Minnesota Circular 39 system of classification. Under the Eggers & Reed classification it is considered a Fresh Wet Meadow with a Shallow Marsh center. The wetland is dominated by reed canary grass (*Phalaris arundinacea* - FACW); with pockets of giant goldenrod (*Solidago gigantea* - FACW) and cattails (*Typha x.* - OBL). The wetland soil typically consisted of sandy loam, colored 10 YR 2/1 at the surface and underlain by a depleted layer (10 YR 4/1 to 10 YR 4/2) exhibiting 5-10% redox (5 YR 4/6).

The upland is vegetated with a variety of trees including box elder (*Acer negundo* - FAC), and rock elm (*Ulmus thomasi* - FAC); in addition, reed canary grass which has encroached onto the upland. The upland soil consists of a sandy loam, ranging in color from (10 YR 2/1 to 10 YR 3/2).

Wetland 2 is a 0.15-acre Palustrine Emergent Persistent Temporarily Flooded (PEM1A) wetland. It can be classified as a Type 2 wetland using the Minnesota Circular 39 system of classification. Under the Eggers & Reed classification it is considered a Fresh Wet Meadow. It consists of a small depression on the edge of a forested upland area. The vegetation consists of mainly reed canary grass. The wetland soil consisted of a sandy loam (10 YR 2/2) down to a depth of 20 inches, where a silty clay loam (10 YR 2/2/) was encountered to a depth of 38 inches, at which point a depleted sandy loam layer (10 YR 5/1) was observed to a depth of at least 42 inches.

The upland is vegetated with rock elm and reed canary grass, which has encroached onto the upland. The upland soil consists of a silty loam (10 YR 2/2) above a sandy clay loam (10 YR 3/2).

Wetland 3 is a 0.88-acre Palustrine Emergent Persistent Seasonally Flooded (PEM1C) wetland. It can be classified as a Type 2 wetland using the Minnesota Circular 39 system of classification. Under the Eggers & Reed classification it is considered a Fresh Wet Meadow. It consists of a depression inside a forested upland area, with an ephemeral stream feeding the wetland on its southeast corner. This stream is fed by buried drain tile which conveys runoff from the development south of the Property, and from the ag field itself, across the field and into this Wetland. The easement is shown on Figure 5. Water is drained out of the wetland by a separate ephemeral stream on the northeast corner. The wetland is dominated by reed canary grass & box elder along its edges. The wetland soil consisted of a sandy clay loam at the surface (10 YR 3/1 to 10 YR 3/2), underlain by a 4-inch thick sandy loam (10 YR 4/1) exhibiting 10 to 20% redox (7.5 YR 4/6 to 5 YR 3/4).

The upland is vegetated with box elder, wood's wild rose (*Rosa woodsii* – FACU), cleavers (*Galium aparine* - FACU), and reed canary grass, which has encroached onto the upland. The upland soil consists of a sandy loam ranging in color from 10 YR 2/1 to 10 YR 4/3.

Stream 1 is an ephemeral stream that receives water from what appears to be a drain tile outlet pipe from the adjacent field, and discharges into Wetland 3. It is approximately 72 feet long with a vegetated stream bottom. This stream was flowing at the time of the delineation, but based on the vegetated bottom and the apparent source, it likely does not flow constantly, but instead only after a precipitation event.

Stream 2 is an ephemeral stream that receives water from Wetland 3 and discharges into Wetland 1. It is approximately 843 feet long (including an approximately 17 foot long culvert) with an unconsolidated stream bottom. The upper reach of the stream was flowing at the time of the delineation, but the flow eventually dissipated prior to reaching Wetland 1. Based on this observation, the stream appears to be ephemeral in nature, flowing based on recent precipitation and not a constant outlet for Wetland 3.

Upland 101 is a test hole completed to investigate a reed canary grass clearing in the trees. Although wetland vegetation was observed, there were no hydric soils or indicators of hydrology encountered. Therefore, this area was not classified as wetland.

Upland 102 is a test hole completed to investigate an area identified during the aerial photo review (AOI 18) as a potential wetland. The area was dominated by reed canary grass; however, there were no hydric soils or indicators of hydrology encountered. Therefore, this area was not classified as wetland.

Upland 103 is a test hole completed to investigate an area identified during the aerial photo review (AOI 14) as a potential wetland. The area is a cultivated agricultural field bare of vegetation at the time of the delineation. A buried depleted layer was observed (10 YR 5/2 sandy loam exhibiting 5% redox (5 YR 4/6)). There were no primary indicators of hydrology, only saturation visible on aerial imagery (C9) and geomorphic position (D2). While these technically qualify for the presence of hydrology, the fact that there were no primary indicators at this point, early in the spring, after a wetter than average prior 3 months, indicates that this area is not wet enough to qualify as a wetland. Therefore, this area was not classified as wetland.

Upland 104 is a test hole completed to investigate an area identified during the aerial photo review (AOI 3) as a potential wetland. The area was dominated by winter wheat crops, reed canary grass, and burdock (*Arctium minus* – FACU) and there were no hydric soils encountered. Again, there were two secondary indicators of hydrology, C9 and D2, but no primary indicators. Due to this, and the fact that there were no hydric soils identified, this area was not classified as wetland.

Upland 105 is a test hole completed to investigate an area identified during the aerial photo review (AOI 3) as a potential wetland. The area was dominated by winter wheat crops, and there were no hydric soils encountered. There were two secondary indicators of hydrology, C9 and D2, but no primary indicators. This area was not classified as wetland.

Upland 106 is a test hole completed to investigate an area identified during the aerial photo review (AOI 3) as a potential wetland. The area was dominated by winter wheat crops, and there were no hydric soils encountered. There were two secondary indicators of hydrology, C9 and D2, but no primary indicators. This area was not classified as wetland.

V. CONCLUSION

Three areas within the Project Area met the criteria of hydrology, hydric soils, and hydrophytic vegetation to be considered a wetland. Two ephemeral streams which appear to carry water during and following precipitation events were also identified. The wetland boundaries were flagged for survey and confirmed by the City of Rogers, who serves as the Local Governmental Unit (LGU) administering the Wetland Conservation Act (WCA) in this area of Minnesota.

VI. REFERENCES

- Cowardin, L. M., V. Carter, F. C. Golet, E. T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C. Jamestown, ND: Northern Prairie Wildlife Research Center Online. <http://www.npwrc.usgs.gov/resource/wetlands/classwet/index.htm> (Version 04DEC1998) > Accessed May 2022.
- Environmental Laboratory. 1987. *Corp of Engineers Wetlands Delineation Manual*. Wetlands Research Program. Technical Report Y-87-1. Department of the Army, Waterways Experiment Station, US Army Corp of Engineers., Vicksburg, Mississippi, USA.
- Environmental Laboratory. 2012. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)*. U.S. Army Corps of Engineers, U.S. Army Engineer Research and Development Center Vicksburg, Mississippi, USA.
- Lichvar, R.W., D.L. Banks, N.C. Melvin, and W.N. Kirchner. 2016. *The State of Minnesota Wetland Plant List*. Phytoneuron 2016-30: 1-17.
- MNDNR. 2021a. Wetland Delineation Precipitation Data Retrieval tool. http://climate.umn.edu/gridded_data/precip/wetland/wetland.asp Accessed May 2023.
- MNDNR. 2018b. National Wetland Inventory Update for Minnesota. http://www.dnr.state.mn.us/eco/wetlands/nwi_proj.html Accessed May 2023.
- MNDNR. 2018c. Protected Waters Inventory. http://www.dnr.state.mn.us/waters/watermgmt_section/pwi/maps.html Accessed May 2023.
- USDA-NRCS. 2010. *Field Indicators of Hydric Soils in the United States*—Guide for Identifying and Delineating Hydric Soils, Version. 7.0 in G.W. Hurt, L.M. Vasilas, and C.V. Noble, editors. USDA-NRCS in cooperation with the National Technical Committee for Hydric Soils.
- USDA-NRCS. 2018. Soil Survey of Hennepin County, Minnesota. <http://websoilsurvey.nrcs.usda.gov/app> Accessed May 2023.
- USFWS. 2016. United States Fish and Wildlife Service. National Wetlands Inventory. <http://wetlandsfws.er.usgs.gov/NWI/> Accessed May 2023.
- USGS. Rogers Quadrangle Minnesota 7.5 Minute Series Topographic Map.

DELINEATOR'S CREDENTIALS

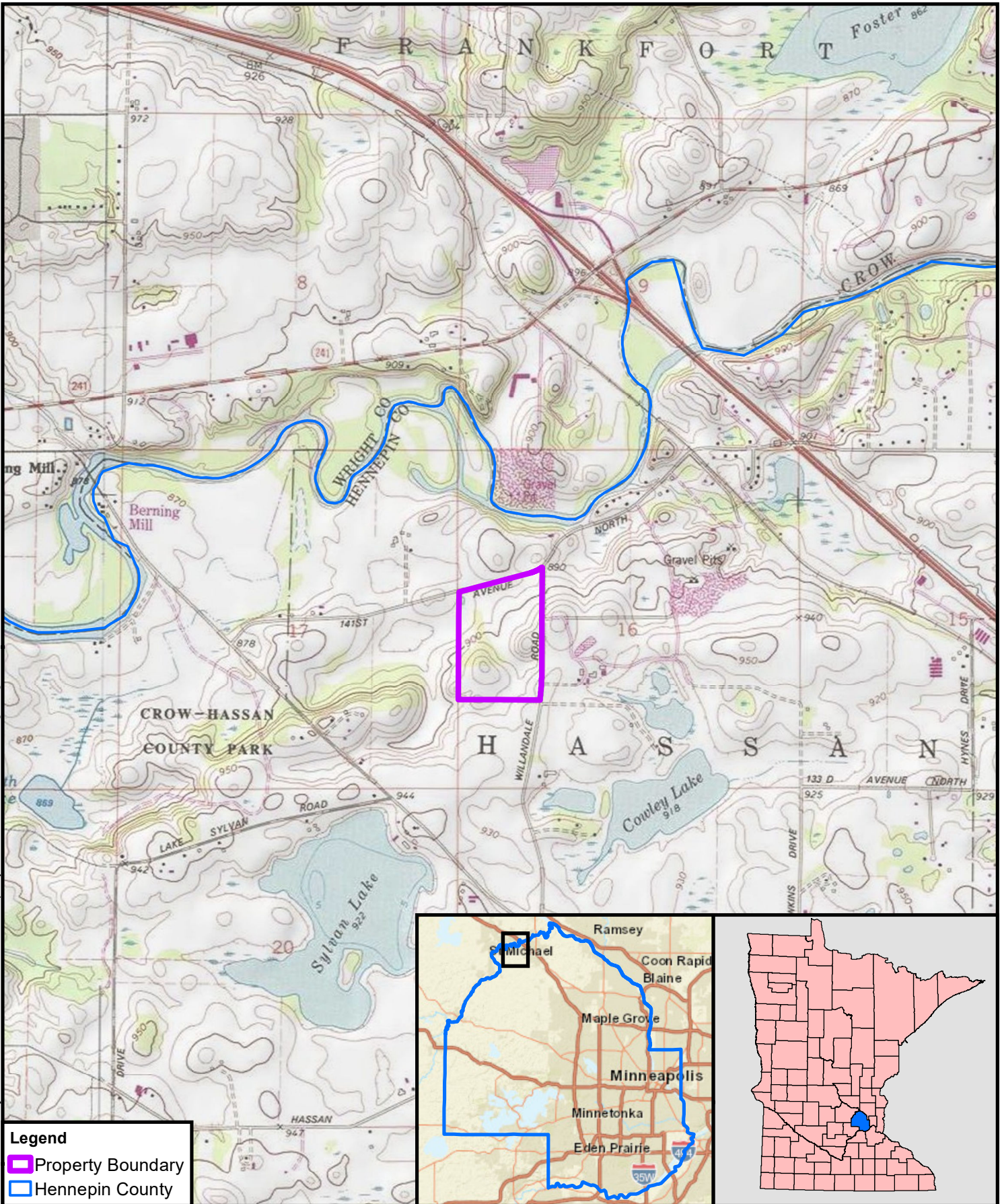
Danny Margarit, Environmental Scientist

Education: North Dakota State University – BS Natural Resources Management
North Dakota State University – Masters of Natural Resources Management
North Dakota State University – PhD Natural Resources Economics

Training: Wetland Delineator Certification Program
Wetland Plant Identification Course- WDCP

Wetland Delineation Certification: Certified Professional Wetland Delineator – MN #5244

Figures



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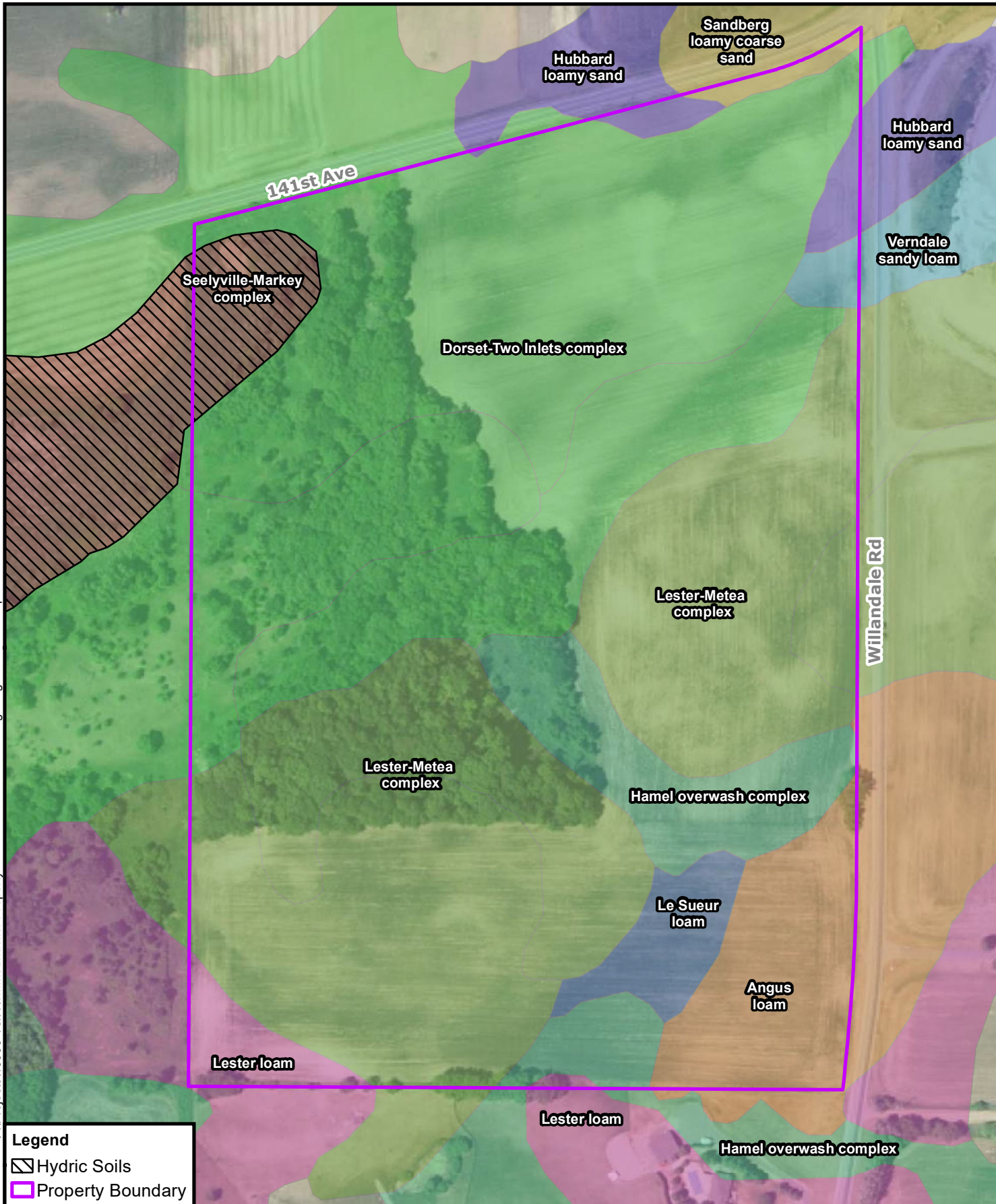
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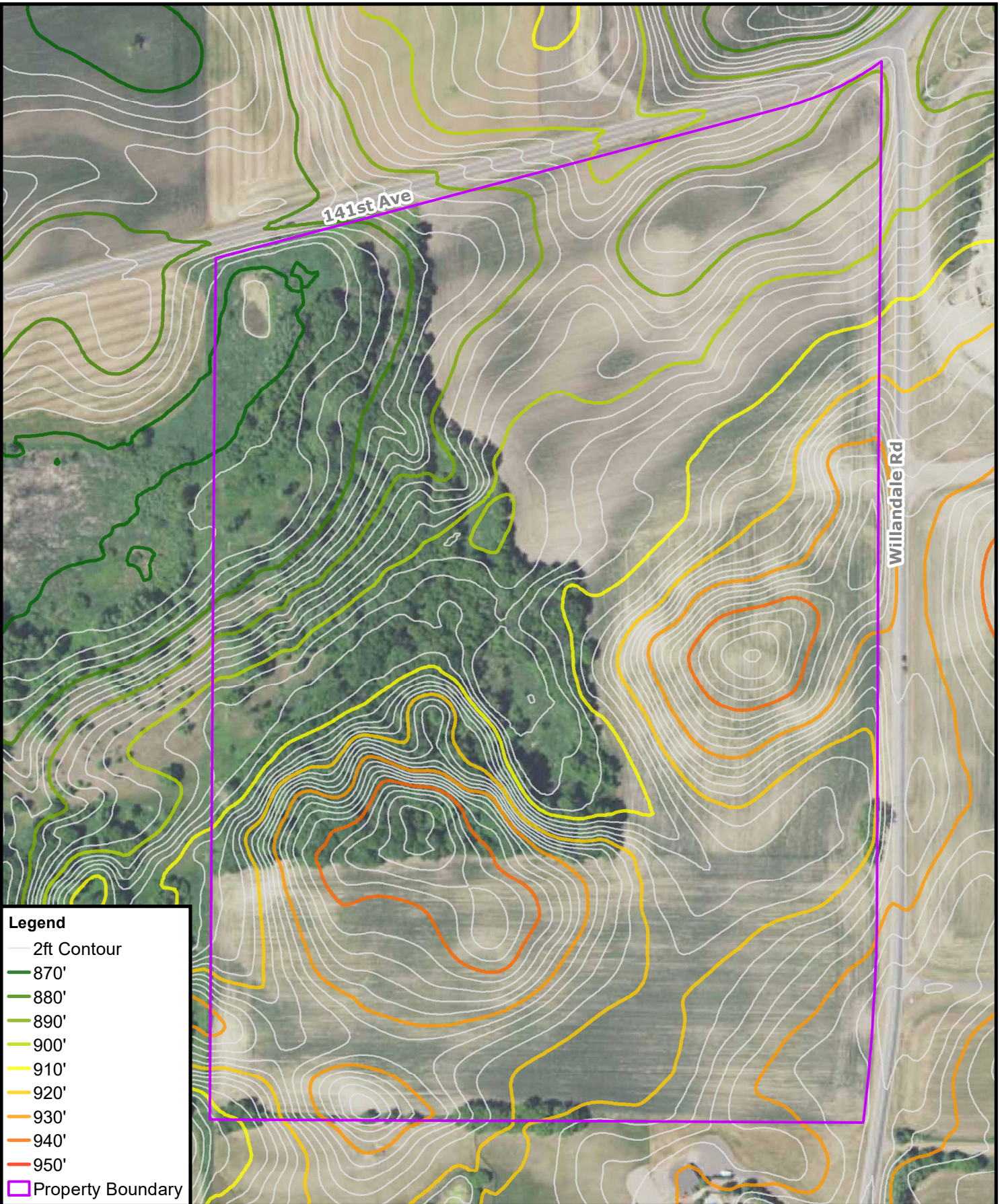
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Basemap: USGS 7.5 Min Quadrangle



Figure 1
Site Location Map
Kemmetmueller Property
Rogers, Minnesota





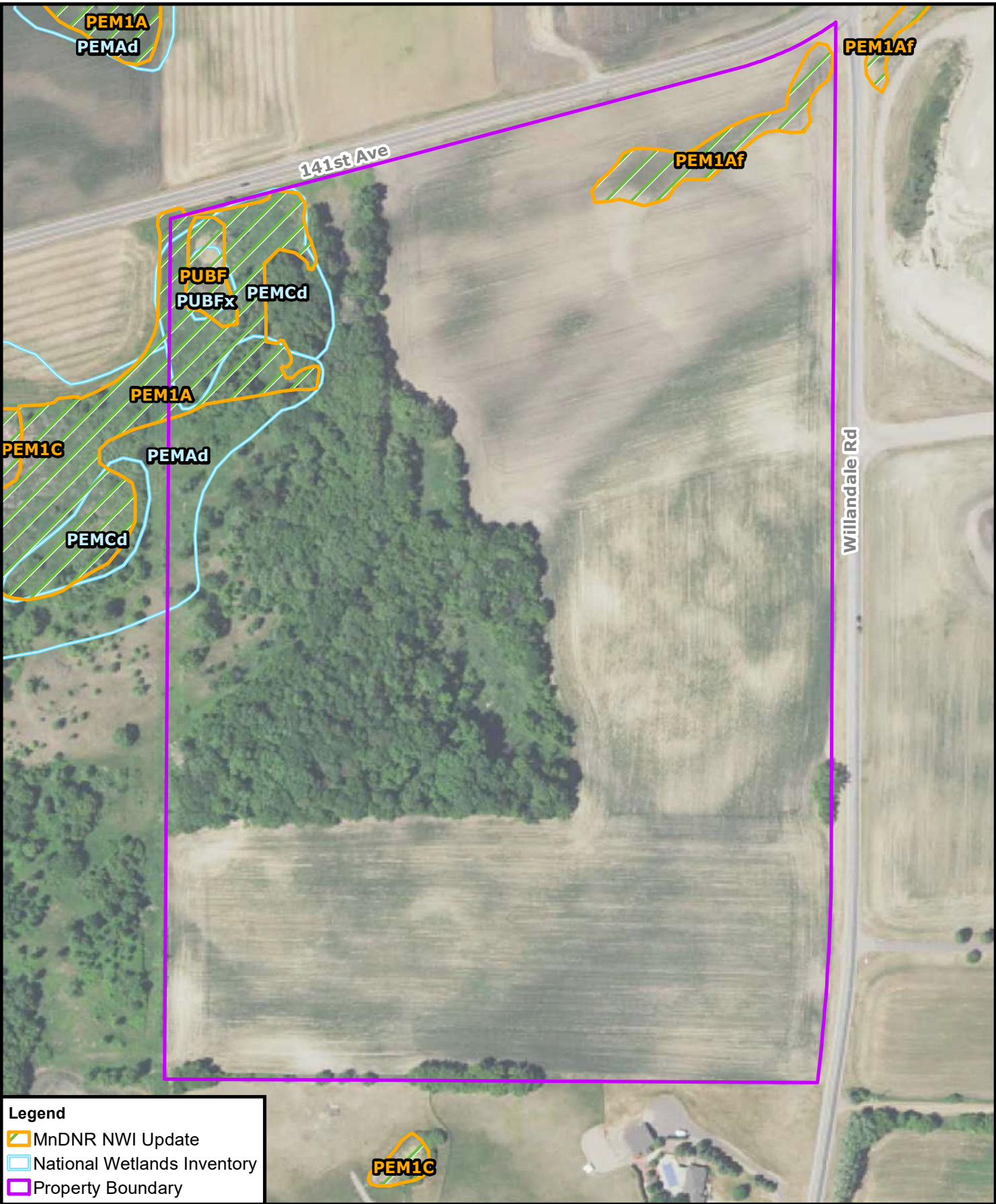
Legend

- 2ft Contour
- 870'
- 880'
- 890'
- 900'
- 910'
- 920'
- 930'
- 940'
- 950'
- Property Boundary

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1:3,000
0 250 Feet
Basemap: MnGeo color 7-county, 2020.

Figure 3
Contour Elevation Map
Kemmetmueller Property
Rogers, Minnesota



Legend

- MndNR NWI Update
- National Wetlands Inventory
- Property Boundary



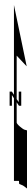
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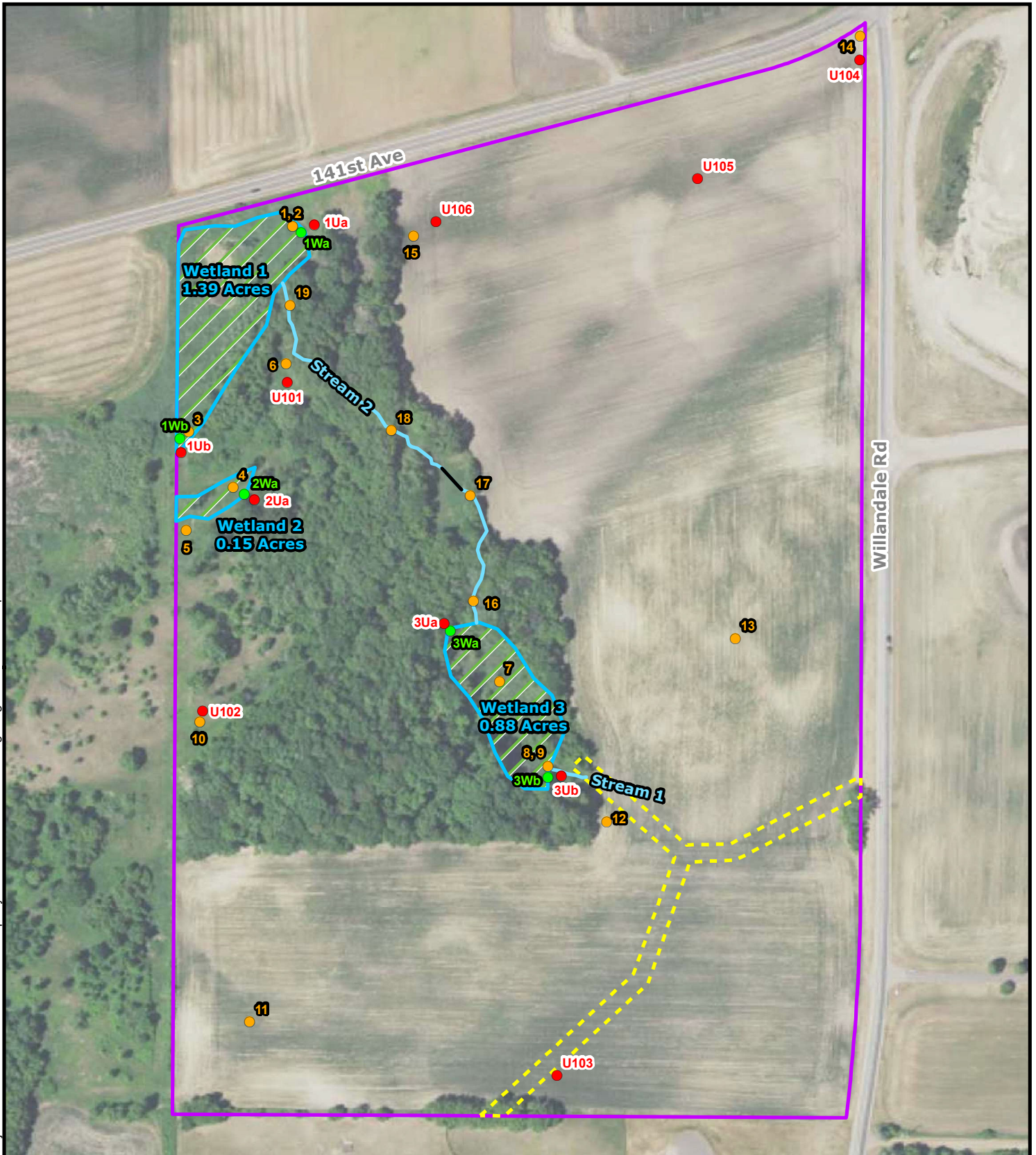
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Basemap: MnGeo color 7-county, 2020.



**Figure 4
NWI Map**
**Kemmetmueller Property
Rogers, Minnesota**



Legend

- Wetland Test Hole Location
- Upland Test Hole Location
- Ephemeral Stream
- ▭ Delineated Wetland
- Photograph Location
- Culvert
- ▭ Property Boundary
- ▭ City of Rogers Drainage Easement



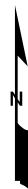
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1:3,000

0 250 Feet

Basemap: MnGeo color 7-county, 2020.



**Figure 5
Wetland Map
Kemmetmueller Property
Rogers, Minnesota**

APPENDIX A

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: 1Wa
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 1 Lat: 45.20423 Long: -93.603 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: PEMCD

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes <u>X</u> No _____
Hydric Soil Present?	Yes <u>X</u> No _____	
Wetland Hydrology Present?	Yes <u>X</u> No _____	
Remarks: Antecedent precipitation was "wetter than average". Depression wetland with cattails and standing water in the center, rimmed with reed canarygrass and box elder trees, spilling off-site to the west.		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)																		
1. _____	_____	_____	_____																			
2. _____	_____	_____	_____																			
3. _____	_____	_____	_____																			
4. _____	_____	_____	_____																			
5. _____	_____	_____	_____	Prevalence Index worksheet: <table border="0"> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>105</u></td> <td>x 2 = <u>210</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>105</u> (A)</td> <td><u>210</u> (B)</td> </tr> <tr> <td colspan="4">Prevalence Index = B/A = <u>2.00</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>105</u>	x 2 = <u>210</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>105</u> (A)	<u>210</u> (B)	Prevalence Index = B/A = <u>2.00</u>			
Total % Cover of:	Multiply by:																					
OBL species <u>0</u>	x 1 = <u>0</u>																					
FACW species <u>105</u>	x 2 = <u>210</u>																					
FAC species <u>0</u>	x 3 = <u>0</u>																					
FACU species <u>0</u>	x 4 = <u>0</u>																					
UPL species <u>0</u>	x 5 = <u>0</u>																					
Column Totals: <u>105</u> (A)	<u>210</u> (B)																					
Prevalence Index = B/A = <u>2.00</u>																						
_____ = Total Cover																						
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																						
1. _____	_____	_____	_____																			
2. _____	_____	_____	_____																			
3. _____	_____	_____	_____																			
4. _____	_____	_____	_____																			
5. _____	_____	_____	_____																			
_____ = Total Cover																						
Herb Stratum (Plot size: <u>5'</u>)																						
1. <u>Phalaris arundinacea</u>	<u>95</u>	<u>Y</u>	<u>FACW</u>																			
2. <u>Urtica dioica</u>	<u>10</u>	<u>N</u>	<u>FACW</u>																			
3. <u>Cyperus eragrostis</u>	<u>5</u>	<u>N</u>	<u>NI</u>																			
4. _____	_____	_____	_____																			
5. _____	_____	_____	_____																			
6. _____	_____	_____	_____																			
7. _____	_____	_____	_____																			
8. _____	_____	_____	_____																			
9. _____	_____	_____	_____																			
10. _____	_____	_____	_____																			
_____ = Total Cover																						
Woody Vine Stratum (Plot size: _____)																						
1. _____	_____	_____	_____																			
2. _____	_____	_____	_____																			
_____ = Total Cover																						
Hydrophytic Vegetation Indicators: <u>X</u> Dominance Test is >50% <u>X</u> Prevalence Index is ≤3.0 ¹ ___ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																						
Hydrophytic Vegetation Present? Yes <u>X</u> No _____																						
Remarks: (Include photo numbers here or on a separate sheet.)																						

SOIL

Sampling Point: 1Wa

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-22	10 YR 2/1	100					sandy loam	
22-26+	10 YR 4/2	95	5 YR 4/6	5	c	m	sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☒ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☒ High Water Table (A2)
☒ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☒ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☒ Geomorphic Position (D2)
☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches): _____
 Water Table Present? Yes ☒ No ☐ Depth (inches): 10
 Saturation Present? Yes ☒ No ☐ Depth (inches): 5
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
Applicant/Owner: Veit and Co. State: MN Sampling Point: 1Ua
Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
Slope (%): 5 Lat: 45.20427 Long: -93.6029 Datum: NAD 83
Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: PEMCd

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____ No <u>X</u>	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present?	Yes _____ No <u>X</u>	
Wetland Hydrology Present?	Yes _____ No <u>X</u>	
Remarks: Antecedent precipitation was "wetter than average".		

VEGETATION – Use scientific names of plants.

<u>Tree Stratum</u> (Plot size: <u>30'</u>) 1. <u>Ulmus thomasii</u> <u>45</u> <u>Y</u> <u>FAC</u> 2. <u>Prunus serotina</u> <u>20</u> <u>Y</u> <u>FACU</u> 3. _____ 4. _____ 5. _____ <u>65</u> = Total Cover <u>Sapling/Shrub Stratum</u> (Plot size: <u>15'</u>) 1. <u>Zanthoxylum americanum</u> <u>50</u> <u>Y</u> <u>FACU</u> 2. _____ 3. _____ 4. _____ 5. _____ <u>50</u> = Total Cover <u>Herb Stratum</u> (Plot size: <u>5'</u>) 1. <u>Pahalis arundinacea</u> <u>90</u> <u>Y</u> <u>FACW</u> 2. <u>Verbascum thapsus</u> <u>15</u> <u>N</u> <u>UPL</u> 3. <u>Solidago canadensis</u> <u>5</u> <u>N</u> <u>FACU</u> 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ <u>110</u> = Total Cover <u>Woody Vine Stratum</u> (Plot size: _____) 1. _____ 2. _____ _____ = Total Cover	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50.00</u> (A/B) Prevalence Index worksheet: <table> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>90</u></td> <td>x 2 = <u>180</u></td> </tr> <tr> <td>FAC species <u>45</u></td> <td>x 3 = <u>135</u></td> </tr> <tr> <td>FACU species <u>75</u></td> <td>x 4 = <u>300</u></td> </tr> <tr> <td>UPL species <u>15</u></td> <td>x 5 = <u>75</u></td> </tr> <tr> <td>Column Totals: <u>225</u> (A)</td> <td><u>690</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.07</u> Hydrophytic Vegetation Indicators: ____ Dominance Test is >50% ____ Prevalence Index is ≤3.0 ¹ ____ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation Present? Yes _____ No <u>X</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>90</u>	x 2 = <u>180</u>	FAC species <u>45</u>	x 3 = <u>135</u>	FACU species <u>75</u>	x 4 = <u>300</u>	UPL species <u>15</u>	x 5 = <u>75</u>	Column Totals: <u>225</u> (A)	<u>690</u> (B)
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Column Totals: <u>225</u> (A)	<u>690</u> (B)														
Remarks: (Include photo numbers here or on a separate sheet.)															

SOIL

Sampling Point: 1Ua

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-34	10 YR 2/2	100					sandy loam	
34-38	10 YR 3/2	100					sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
- ☐ Iron-Manganese Masses (F12)
- ☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ☒

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
- ☐ Aquatic Fauna (B13)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ☒ Depth (inches): _____

Water Table Present? Yes _____ No ☒ Depth (inches): _____

Saturation Present? Yes _____ No ☒ Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes _____ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: 1Wb
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave
 Slope (%): 0 Lat: 45.20317 Long: -93.60387 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: PEMAd

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes <u>X</u> No _____
Hydric Soil Present? Yes <u>X</u> No _____	
Wetland Hydrology Present? Yes _____ No _____	
Remarks: Antecedent precipitation was "wetter than average".	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)																		
1. _____	_____	_____	_____																			
2. _____	_____	_____	_____																			
3. _____	_____	_____	_____																			
4. _____	_____	_____	_____																			
5. _____	_____	_____	_____	Prevalence Index worksheet: <table border="0"> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>100</u></td> <td>x 2 = <u>200</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>100</u> (A)</td> <td><u>200</u> (B)</td> </tr> <tr> <td colspan="4">Prevalence Index = B/A = <u>2.00</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>100</u>	x 2 = <u>200</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>100</u> (A)	<u>200</u> (B)	Prevalence Index = B/A = <u>2.00</u>			
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Prevalence Index = B/A = <u>2.00</u>																						
_____ = Total Cover																						
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																						
1. _____	_____	_____	_____																			
2. _____	_____	_____	_____																			
3. _____	_____	_____	_____																			
4. _____	_____	_____	_____																			
5. _____	_____	_____	_____																			
_____ = Total Cover																						
Herb Stratum (Plot size: <u>5'</u>)																						
1. <u>Phalaris arundinacea</u>	<u>90</u>	<u>Y</u>	<u>FACW</u>																			
2. <u>Solidago gigantea</u>	<u>10</u>	<u>N</u>	<u>FACW</u>																			
3. _____	_____	_____	_____																			
4. _____	_____	_____	_____																			
5. _____	_____	_____	_____																			
6. _____	_____	_____	_____																			
7. _____	_____	_____	_____																			
8. _____	_____	_____	_____																			
9. _____	_____	_____	_____																			
10. _____	_____	_____	_____																			
_____ = Total Cover																						
Woody Vine Stratum (Plot size: _____)																						
1. _____	_____	_____	_____																			
2. _____	_____	_____	_____																			
_____ = Total Cover																						
Hydrophytic Vegetation Indicators: <u>X</u> Dominance Test is >50% <u>X</u> Prevalence Index is ≤3.0 ¹ _____ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																						
Hydrophytic Vegetation Present? Yes <u>X</u> No _____																						
Remarks: (Include photo numbers here or on a separate sheet.)																						

SOIL

Sampling Point: 1Wb

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-28	10 YR 2/1	100					sandy loam	
28-42+	10 YR 4/1	90	5 YR 4/6	10			loamy sand	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
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Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ☒ No _____

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☒ High Water Table (A2)
☒ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
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☐ Algal Mat or Crust (B4)
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☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☒ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☒ Geomorphic Position (D2)
☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ☒ Depth (inches): _____
 Water Table Present? Yes ☒ No _____ Depth (inches): 10
 Saturation Present? Yes ☒ No _____ Depth (inches): 8
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☒ No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23

Applicant/Owner: Veit and Co. State: MN Sampling Point: 1Ub

Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex

Slope (%): 4 Lat: 45.20309 Long: -93.60386 Datum: NAD 83

Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: PEMAd

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydic Soil Present?	Yes <u>X</u> No _____	
Wetland Hydrology Present?	Yes _____ No <u>X</u>	
Remarks: Antecedent precipitation was "wetter than average". Although wetland soils and vegetation are present, hydrology is not, during a time of "much wetter than normal" conditions. Therefore, this location is not considered wetland.		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>) <table> <tr> <th></th> <th>Absolute % Cover</th> <th>Dominant Species?</th> <th>Indicator Status</th> </tr> <tr><td>1. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>2. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>3. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>4. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>5. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr> <td></td> <td>_____ = Total Cover</td> <td></td> <td></td> </tr> </table>		Absolute % Cover	Dominant Species?	Indicator Status	1. _____	_____	_____	_____	2. _____	_____	_____	_____	3. _____	_____	_____	_____	4. _____	_____	_____	_____	5. _____	_____	_____	_____		_____ = Total Cover			Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)																				
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Remarks: (Include photo numbers here or on a separate sheet.)																																																	

SOIL

Sampling Point: 1Ub

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-27	10 YR 2/1	100					sandy loam	
27-35	10 YR 5/2	90	7.5 YR 5/6	10			sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☒ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Buried depleted layer potentially due to higher water table. But not high enough to provide hydrology to the location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☐ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☐ Geomorphic Position (D2)
☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches): _____
 Water Table Present? Yes ☒ No ☐ Depth (inches): 16
 Saturation Present? Yes ☒ No ☐ Depth (inches): 14
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23

Applicant/Owner: Veit and Co. State: MN Sampling Point: 2Wa

Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave

Slope (%): 0 Lat: 45.20288 Long: -93.6034 Datum: NAD 83

Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes <u>X</u> No _____
Hydric Soil Present?	Yes <u>X</u> No _____	
Wetland Hydrology Present?	Yes <u>X</u> No _____	
Remarks: Antecedent precipitation was "wetter than average". Small depression wetland located on edge of wooded area and spilling off-site to the west.		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>) <table> <tr> <th></th> <th>Absolute % Cover</th> <th>Dominant Species?</th> <th>Indicator Status</th> </tr> <tr><td>1. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>2. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>3. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>4. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>5. _____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr> <td></td> <td>_____ = Total Cover</td> <td></td> <td></td> </tr> </table>		Absolute % Cover	Dominant Species?	Indicator Status	1. _____	_____	_____	_____	2. _____	_____	_____	_____	3. _____	_____	_____	_____	4. _____	_____	_____	_____	5. _____	_____	_____	_____		_____ = Total Cover			Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)																				
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Remarks: (Include photo numbers here or on a separate sheet.)																																																	

SOIL

Sampling Point: 2Wa

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-20	10 YR 2/2	100					sandy loam	
20-38	10 YR 2/2	100					silty cl loam	
38-42	10 YR 5/1	100					sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☒ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
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☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
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☐ Hydrogen Sulfide Odor (C1)
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☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☒ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☒ Geomorphic Position (D2)
☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches): _____
 Water Table Present? Yes ☒ No ☐ Depth (inches): 14
 Saturation Present? Yes ☒ No ☐ Depth (inches): 13
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23

Applicant/Owner: Veit and Co. State: MN Sampling Point: 2Ua

Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex

Slope (%): 5 Lat: 45.20285 Long: -93.60332 Datum: NAD 83

Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present?	Yes _____ No <u>X</u>	
Wetland Hydrology Present?	Yes _____ No <u>X</u>	
Remarks: Antecedent precipitation was "wetter than average".		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>) <table> <tr> <th></th> <th>Absolute % Cover</th> <th>Dominant Species?</th> <th>Indicator Status</th> </tr> <tr> <td>1. <u>Ulmus thomasii</u></td> <td><u>25</u></td> <td><u>Y</u></td> <td><u>FAC</u></td> </tr> <tr> <td>2. _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>3. _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>4. _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>5. _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td colspan="4"><u>25</u> = Total Cover</td> </tr> </table>		Absolute % Cover	Dominant Species?	Indicator Status	1. <u>Ulmus thomasii</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	2. _____	_____	_____	_____	3. _____	_____	_____	_____	4. _____	_____	_____	_____	5. _____	_____	_____	_____	<u>25</u> = Total Cover				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)																
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Remarks: (Include photo numbers here or on a separate sheet.)																																													

SOIL

Sampling Point: 2Ua

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-33	10 YR 3/2	100					silty loam	
33-37	10 YR 3/2	100					sa cl loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☐ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☐ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)

Field Observations:Surface Water Present? Yes _____ No X Depth (inches): _____Water Table Present? Yes _____ No X Depth (inches): _____Saturation Present? Yes _____ No X Depth (inches): _____
(includes capillary fringe)Wetland Hydrology Present? Yes _____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: 3Wa
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0 Lat: 45.20219 Long: -93.60189 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 2 to 6 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes <u>X</u> No _____
Hydric Soil Present?	Yes <u>X</u> No _____	
Wetland Hydrology Present?	Yes <u>X</u> No _____	
Remarks: Antecedent precipitation was "wetter than average". Depression wetland at the base of wooded hillside. This wetland receives water from a field drainage (Stream 1) and discharges water out an ephemeral creek (Stream 2).		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>80.00</u> (A/B)																
1. <u>Acer negundo</u>	<u>60</u>	<u>Y</u>	<u>FAC</u>																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____	Prevalence Index worksheet: <table border="0"> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>55</u></td> <td>x 2 = <u>110</u></td> </tr> <tr> <td>FAC species <u>80</u></td> <td>x 3 = <u>240</u></td> </tr> <tr> <td>FACU species <u>30</u></td> <td>x 4 = <u>120</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>165</u> (A)</td> <td><u>470</u> (B)</td> </tr> <tr> <td colspan="2">Prevalence Index = B/A = <u>2.85</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>55</u>	x 2 = <u>110</u>	FAC species <u>80</u>	x 3 = <u>240</u>	FACU species <u>30</u>	x 4 = <u>120</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>165</u> (A)	<u>470</u> (B)	Prevalence Index = B/A = <u>2.85</u>	
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Sapling/Shrub Stratum (Plot size: <u>15'</u>)																				
1. <u>acer negundo</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____	Hydrophytic Vegetation Indicators: <u>X</u> Dominance Test is >50% <u>X</u> Prevalence Index is ≤3.0 ¹ _____ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																
Herb Stratum (Plot size: <u>5'</u>)																				
1. <u>Galium aparine</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>																	
2. <u>Phalaris arundinacea</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>																	
3. <u>Laportea canadensis</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>																	
4. <u>Solidago gigantea</u>	<u>10</u>	<u>N</u>	<u>FACW</u>																	
5. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <u>X</u> No _____																
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____	Woody Vine Stratum (Plot size: _____)																
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____	Remarks: (Include photo numbers here or on a separate sheet.)																
_____	_____	_____	_____																	

SOIL

Sampling Point: 3Wa

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-6	10 YR 3/1	100					sa cl loam	
6-10	10 YR 4/1	90	7.5 YR 4/6	10	C	M	sandy loam	
10-14	10 YR 3/1	100					sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
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Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☒ High Water Table (A2)
☒ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
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☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☒ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☒ Geomorphic Position (D2)
☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches): _____
 Water Table Present? Yes ☒ No ☐ Depth (inches): 7
 Saturation Present? Yes ☒ No ☐ Depth (inches): 5
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23

Applicant/Owner: Veit and Co. State: MN Sampling Point: 3Ua

Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex

Slope (%): 2 Lat: 45.20222 Long: -93.60194 Datum: NAD 83

Soil Map Unit Name: Dorset-Two Inlets complex, 2 to 6 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present?	Yes _____ No <u>X</u>	
Wetland Hydrology Present?	Yes _____ No <u>X</u>	
Remarks: Antecedent precipitation was "wetter than average".		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>) <table> <tr> <th></th> <th>Absolute % Cover</th> <th>Dominant Species?</th> <th>Indicator Status</th> </tr> <tr> <td>1. <u>Acer negundo</u></td> <td><u>75</u></td> <td><u>Y</u></td> <td><u>FAC</u></td> </tr> <tr> <td>2. <u>Ulmus rubra</u></td> <td><u>15</u></td> <td><u>N</u></td> <td><u>FAC</u></td> </tr> <tr> <td>3. _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>4. _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>5. _____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td colspan="4"><u>90</u> = Total Cover</td> </tr> </table>		Absolute % Cover	Dominant Species?	Indicator Status	1. <u>Acer negundo</u>	<u>75</u>	<u>Y</u>	<u>FAC</u>	2. <u>Ulmus rubra</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	3. _____	_____	_____	_____	4. _____	_____	_____	_____	5. _____	_____	_____	_____	<u>90</u> = Total Cover				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>80.00</u> (A/B)															
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Hydrophytic Vegetation Indicators:
☒ Dominance Test is >50%
☐ Prevalence Index is ≤3.0¹
☐ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No _____

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: 3Ua

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-32	10 YR 2/1	100					sandy loam	
32-38	10 YR 4/3	100					sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
- ☐ Iron-Manganese Masses (F12)
- ☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
- ☐ Aquatic Fauna (B13)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No X Depth (inches): _____
Water Table Present? Yes _____ No X Depth (inches): _____
Saturation Present? Yes _____ No X Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes _____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: 3Wb
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0 Lat: 45.20144 Long: -93.60369 Datum: NAD 83
 Soil Map Unit Name: Lester-Metea complex, 18 to 25 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes <u>X</u> No _____
Hydric Soil Present? Yes <u>X</u> No _____	
Wetland Hydrology Present? Yes <u>X</u> No _____	
Remarks: Antecedent precipitation was "wetter than average".	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)																																																																																																															
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_____ = Total Cover				Woody Vine Stratum (Plot size: _____)																																																																																																															
1. _____	_____	_____	_____																																																																																																																
2. _____	_____	_____	_____																																																																																																																
_____ = Total Cover				Remarks: (Include photo numbers here or on a separate sheet.)																																																																																																															

SOIL

Sampling Point: 3Wb

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-5	10 YR 3/2	95	5 YR 4/6	5	C	M	sa cl loam	
5-9	10 YR 4/2	80	5 YR 3/4	20	C	M	sandy loam	
9-14	10 YR 3/2	85	5 YR 4/6	15	C	M	sa cl loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☒ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☒ High Water Table (A2)
☒ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☐ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☐ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches): _____
 Water Table Present? Yes ☒ No ☐ Depth (inches): 11
 Saturation Present? Yes ☒ No ☐ Depth (inches): 6
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: 3Ub
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): mound Local relief (concave, convex, none): convex
 Slope (%): 0 Lat: 45.20144 Long: -93.60107 Datum: NAD 83
 Soil Map Unit Name: Hamel, overwash-Hamel complex, 0 to 3 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No _____	Is the Sampled Area within a Wetland?	Yes _____ No <u>X</u>
Hydric Soil Present?	Yes _____	No <u>X</u>		
Wetland Hydrology Present?	Yes _____	No <u>X</u>		
Remarks: Antecedent precipitation was "wetter than average".				

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>33.33</u> (A/B)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>85</u> x 2 = <u>170</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>25</u> x 4 = <u>100</u> UPL species <u>10</u> x 5 = <u>50</u> Column Totals: <u>120</u> (A) <u>320</u> (B) Prevalence Index = B/A = <u>2.67</u>
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Rosa woodsii</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Ribes missouriense</u>	<u>15</u>	<u>Y</u>	<u>NI</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: ___ Dominance Test is >50% <u>X</u> Prevalence Index is ≤3.0 ¹ ___ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Phalaris arundinacea</u>	<u>70</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Urtica dioica</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
3. <u>Verbascum thapsus</u>	<u>10</u>	<u>N</u>	<u>UPL</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Present? Yes <u>X</u> No _____
Woody Vine Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

SOIL

Sampling Point: 3Ub

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-7	10 YR 3/2	100					sandy loam	
7-13	10 YR 4/3	100					sandy loam	
13-24	10 YR 3/1	90	5 YR 4/6	10	C	M	sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ☒

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☐ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☐ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ☒ Depth (inches): _____
 Water Table Present? Yes ☒ No _____ Depth (inches): 18
 Saturation Present? Yes ☒ No _____ Depth (inches): 15
 (includes capillary fringe)

Wetland Hydrology Present? Yes _____ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: U101
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 8 Lat: 45.20346 Long: -93.60309 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No _____	Is the Sampled Area within a Wetland?	Yes _____ No <u>X</u>
Hydric Soil Present?	Yes _____	No <u>X</u>		
Wetland Hydrology Present?	Yes _____	No <u>X</u>		
Remarks: Antecedent precipitation was "wetter than average". Test hole to check reed canarygrass clearing.				

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)																
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
_____ = Total Cover				Prevalence Index worksheet: <table border="0"> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>100</u></td> <td>x 2 = <u>200</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>100</u> (A)</td> <td><u>200</u> (B)</td> </tr> <tr> <td colspan="2">Prevalence Index = B/A = <u>2.00</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>100</u>	x 2 = <u>200</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>100</u> (A)	<u>200</u> (B)	Prevalence Index = B/A = <u>2.00</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>100</u>	x 2 = <u>200</u>																			
FAC species <u>0</u>	x 3 = <u>0</u>																			
FACU species <u>0</u>	x 4 = <u>0</u>																			
UPL species <u>0</u>	x 5 = <u>0</u>																			
Column Totals: <u>100</u> (A)	<u>200</u> (B)																			
Prevalence Index = B/A = <u>2.00</u>																				
_____ = Total Cover																				
Sapling/Shrub Stratum (Plot size: <u>15'</u>) 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ _____ = Total Cover																				
Herb Stratum (Plot size: <u>5'</u>) 1. <u>Phalaris arundinacea</u> <u>100</u> <u>Y</u> <u>FACW</u> 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ _____ = Total Cover																				
Woody Vine Stratum (Plot size: _____) 1. _____ 2. _____ _____ = Total Cover																				
Remarks: (Include photo numbers here or on a separate sheet.)																				

SOIL

Sampling Point: U101

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-19	10 YR 3/3	100					loam	
19-22	10 YR 3/4	100					sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
- ☐ Iron-Manganese Masses (F12)
- ☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9)
- ☐ Aquatic Fauna (B13)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No X Depth (inches): _____
Water Table Present? Yes _____ No X Depth (inches): _____
Saturation Present? Yes _____ No X Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes _____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: U102
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): flat Local relief (concave, convex, none): none
 Slope (%): 0 Lat: 45.20176 Long: -93.60369 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 12 to 18 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present? Yes _____ No <u>X</u>	
Wetland Hydrology Present? Yes _____ No <u>X</u>	
Remarks: Antecedent precipitation was "wetter than average". Test hole to verify aerial photo review location #18.	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)														
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
_____ = Total Cover				Prevalence Index worksheet: <table border="0"> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>0</u></td> <td>x 2 = <u>0</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>0</u> (A)</td> <td><u>0</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>0</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>0</u>	x 2 = <u>0</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>0</u> (A)	<u>0</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0</u>	x 1 = <u>0</u>																	
FACW species <u>0</u>	x 2 = <u>0</u>																	
FAC species <u>0</u>	x 3 = <u>0</u>																	
FACU species <u>0</u>	x 4 = <u>0</u>																	
UPL species <u>0</u>	x 5 = <u>0</u>																	
Column Totals: <u>0</u> (A)	<u>0</u> (B)																	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
_____ = Total Cover																		
Herb Stratum (Plot size: <u>5'</u>)					Hydrophytic Vegetation Indicators: ___ Dominance Test is >50% ___ Prevalence Index is ≤3.0 ¹ ___ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.													
1. <i>Phalaris arundinacea</i>	<u>100</u>	<u>Y</u>	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
_____ = Total Cover				Hydrophytic Vegetation Present? Yes <u>X</u> No _____														
Woody Vine Stratum (Plot size: _____)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
_____ = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: U102

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-13	10 YR 3/2	100					sandy loam	
13-20	10 YR 3/4	100					loamy sand	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☐ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☐ Geomorphic Position (D2)
☒ FAC-Neutral Test (D5)

Field Observations:Surface Water Present? Yes _____ No X Depth (inches): _____Water Table Present? Yes _____ No X Depth (inches): _____Saturation Present? Yes _____ No X Depth (inches): _____
(includes capillary fringe)Wetland Hydrology Present? Yes _____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: U103
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0 Lat: 45.19991 Long: -93.60109 Datum: NAD 83
 Soil Map Unit Name: Hamel, overwash-Hamel complex, 0 to 3 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation X, Soil X, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No X
 Are Vegetation X, Soil X, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____ No <u>X</u>	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present?	Yes <u>X</u> No _____	
Wetland Hydrology Present?	Yes <u>X</u> No _____	
Remarks: Antecedent precipitation was "wetter than average". Test hole to verify Aerial Photo Review location #14.		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>0</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)																
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____	Prevalence Index worksheet: <table border="0"> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>0</u></td> <td>x 2 = <u>0</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>0</u> (A)</td> <td><u>0</u> (B)</td> </tr> <tr> <td colspan="2">Prevalence Index = B/A = <u>0</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>0</u>	x 2 = <u>0</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>0</u> (A)	<u>0</u> (B)	Prevalence Index = B/A = <u>0</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>0</u>	x 2 = <u>0</u>																			
FAC species <u>0</u>	x 3 = <u>0</u>																			
FACU species <u>0</u>	x 4 = <u>0</u>																			
UPL species <u>0</u>	x 5 = <u>0</u>																			
Column Totals: <u>0</u> (A)	<u>0</u> (B)																			
Prevalence Index = B/A = <u>0</u>																				
_____ = Total Cover																				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
_____ = Total Cover																				
Herb Stratum (Plot size: <u>5'</u>)																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____																	
_____ = Total Cover																				
Woody Vine Stratum (Plot size: _____)																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
_____ = Total Cover																				
Remarks: (Include photo numbers here or on a separate sheet.) 100% bare ground (tilled).																				

SOIL

Sampling Point: U103

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-32	10 YR 2/1	100					sa cl loam	
32-36	10 YR 5/2	95	5 YR 4/6	5	C	M	sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☒ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ☒ No _____

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☒ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☒ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ☒ Depth (inches): _____
 Water Table Present? Yes _____ No ☒ Depth (inches): _____
 Saturation Present? Yes _____ No ☒ Depth (inches): _____
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☒ No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary indicators observed during "wetter than average" antecedent precipitation conditions.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: U104
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0 Lat: 45.20514 Long: -93.59894 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: PEM1Af

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation X, Soil X, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No X
 Are Vegetation X, Soil X, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No _____	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present?	Yes _____	No <u>X</u>	
Wetland Hydrology Present?	Yes <u>X</u>	No _____	
Remarks: Antecedent precipitation was "wetter than average". Test hole to verify Aerial Photo Review location #3			

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>33.33</u> (A/B) Prevalence Index worksheet: <table> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>30</u></td> <td>x 2 = <u>60</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>20</u></td> <td>x 4 = <u>80</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>50</u> (A)</td> <td><u>140</u> (B)</td> </tr> <tr> <td colspan="2">Prevalence Index = B/A = <u>2.80</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>30</u>	x 2 = <u>60</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>20</u>	x 4 = <u>80</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>50</u> (A)	<u>140</u> (B)	Prevalence Index = B/A = <u>2.80</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>30</u>	x 2 = <u>60</u>																			
FAC species <u>0</u>	x 3 = <u>0</u>																			
FACU species <u>20</u>	x 4 = <u>80</u>																			
UPL species <u>0</u>	x 5 = <u>0</u>																			
Column Totals: <u>50</u> (A)	<u>140</u> (B)																			
Prevalence Index = B/A = <u>2.80</u>																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
_____ = Total Cover																				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)	_____	_____	_____																	
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
_____ = Total Cover																				
Herb Stratum (Plot size: <u>5'</u>)	_____	_____	_____																	
1. <u>Triticum aestivum</u>	<u>50</u>	<u>Y</u>	<u>NI</u>																	
2. <u>Phalaris arundinacea</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>																	
3. <u>Arctium minus</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____																	
<u>100</u> = Total Cover																				
Woody Vine Stratum (Plot size: _____)	_____	_____	_____																	
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
_____ = Total Cover																				
Remarks: (Include photo numbers here or on a separate sheet.)																				

SOIL

Sampling Point: U104

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-37	10 YR 2/2	100					sandy loam	
37-39	10 YR 5/3	100					sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
- ☐ Iron-Manganese Masses (F12)
- ☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
- ☐ Aquatic Fauna (B13)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☒ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☒ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No X Depth (inches): _____
Water Table Present? Yes _____ No X Depth (inches): _____
Saturation Present? Yes _____ No X Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes X No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary indicators during "wetter than average" conditions.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: U105
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0 Lat: 45.20452 Long: -93.60011 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: PEM1Af

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation X, Soil X, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No X
 Are Vegetation X, Soil X, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No <u>X</u>	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present? Yes _____ No <u>X</u>	
Wetland Hydrology Present? Yes <u>X</u> No _____	
Remarks: Antecedent precipitation was "wetter than average". Test hole to verify Aerial Photo Review location #2.	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Triticum aestivum</u>	<u>90</u>	<u>Y</u>	<u>NI</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
<u>90</u> = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

SOIL

Sampling Point: U105

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-29	10 YR 2/2	100					sandy loam	
29-35	10 YR 3/2	100					sandy loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Loamy Mucky Mineral (F1)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☒ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☒ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No X Depth (inches): _____
 Water Table Present? Yes _____ No X Depth (inches): _____
 Saturation Present? Yes _____ No X Depth (inches): _____
 (includes capillary fringe)

Wetland Hydrology Present? Yes X No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary indicators during "wetter than average" conditions.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Kemmetmueller Property City/County: Rogers/Hennepin Sampling Date: 5/8/23
 Applicant/Owner: Veit and Co. State: MN Sampling Point: U106
 Investigator(s): Danny Margarit Section, Township, Range: Section 16, T 120N, R 23W
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0 Lat: 45.20429 Long: -93.60201 Datum: NAD 83
 Soil Map Unit Name: Dorset-Two Inlets complex, 6 to 12 percent slopes NWI or WWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No X (If no, explain in Remarks.)
 Are Vegetation X, Soil X, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No X
 Are Vegetation X, Soil X, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No <u>X</u>	Is the Sampled Area within a Wetland? Yes _____ No <u>X</u>
Hydric Soil Present? Yes _____ No <u>X</u>	
Wetland Hydrology Present? Yes <u>X</u> No _____	
Remarks: Antecedent precipitation was "wetter than average". Test hole to verify Aerial Photo Review location #4.	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)																																		
1. _____	_____	_____	_____																																			
2. _____	_____	_____	_____																																			
3. _____	_____	_____	_____																																			
4. _____	_____	_____	_____																																			
5. _____	_____	_____	_____	Prevalence Index worksheet: <table border="0"> <tr> <td>Total % Cover of:</td> <td>Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>0</u></td> <td>x 2 = <u>0</u></td> </tr> <tr> <td>FAC species <u>0</u></td> <td>x 3 = <u>0</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>0</u> (A)</td> <td><u>0</u> (B)</td> </tr> <tr> <td colspan="4">_____ = Total Cover</td> <td>Prevalence Index = B/A = <u>0</u></td> </tr> <tr> <td colspan="5"> Hydrophytic Vegetation Indicators: _____ Dominance Test is >50% _____ Prevalence Index is ≤3.0¹ _____ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation¹ (Explain) </td> </tr> <tr> <td colspan="5"> ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. </td> </tr> <tr> <td colspan="5"> Hydrophytic Vegetation Present? Yes _____ No <u>X</u> </td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>0</u>	x 2 = <u>0</u>	FAC species <u>0</u>	x 3 = <u>0</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>0</u> (A)	<u>0</u> (B)	_____ = Total Cover				Prevalence Index = B/A = <u>0</u>	Hydrophytic Vegetation Indicators: _____ Dominance Test is >50% _____ Prevalence Index is ≤3.0 ¹ _____ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain)					¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					Hydrophytic Vegetation Present? Yes _____ No <u>X</u>				
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¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																																						
Hydrophytic Vegetation Present? Yes _____ No <u>X</u>																																						

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
_____	_____	_____	_____
_____ = Total Cover			
Herb Stratum (Plot size: <u>5'</u>)			
1. <u>Triticum aestivum</u>	<u>90</u>	<u>Y</u>	<u>NI</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
_____	<u>90</u>	_____	_____
_____ = Total Cover			
Woody Vine Stratum (Plot size: _____)			
1. _____	_____	_____	_____
2. _____	_____	_____	_____
_____	_____	_____	_____
_____ = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: U106

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-25	10 YR 2/2	100					sandy loam	
25-32	10 YR 3/4	100					loamy sand	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ 5 cm Mucky Peat or Peat (S3)

- ☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
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☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ Coast Prairie Redox (A16)
☐ Iron-Manganese Masses (F12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

- ☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ True Aquatic Plants (B14)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Gauge or Well Data (D9)
☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
☐ Drainage Patterns (B10)
☐ Dry-Season Water Table (C2)
☐ Crayfish Burrows (C8)
☒ Saturation Visible on Aerial Imagery (C9)
☐ Stunted or Stressed Plants (D1)
☒ Geomorphic Position (D2)
☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No X Depth (inches): _____
 Water Table Present? Yes _____ No X Depth (inches): _____
 Saturation Present? Yes _____ No X Depth (inches): _____
 (includes capillary fringe)

Wetland Hydrology Present? Yes X No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

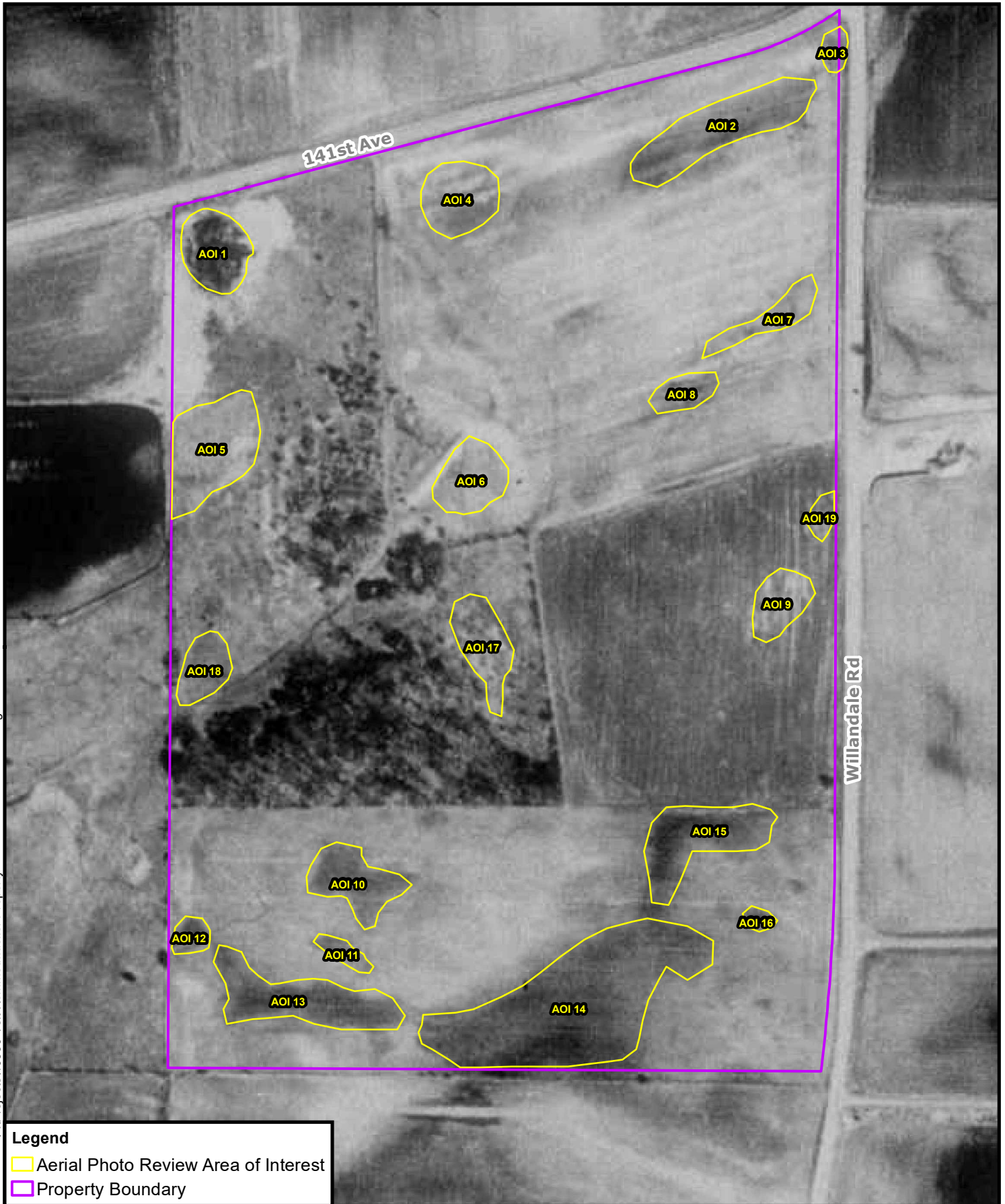
Remarks:

No primary indicators during "wetter than average" conditions.

APPENDIX B

Table 1
Aerial Photo Review Results
Kemmetmueller Property

Date Image Taken	4/28/1991	9/13/2010	8/12/2013	9/27/2015	8/31/2017	7/30/2019	6/18/2021	Percent	Hydric Soil	NWI	Wetland
Image Source	USGS	FSA	FSA	FSA	FSA	FSA	FSA	Wet	Mapped	Signature	Status
Climate Condition	wet	normal	normal	normal	normal	normal	normal				
AOI 1	WS	WS	WS	WS	WS	WS	WS	100%	Yes	Yes	Yes
AOI 2	SS	NV	SS	DO	DO	NV	SS	67%	No	Yes	Yes
AOI 3	SS	NV	SS	NV	NV	NV	SS	33%	No	Yes	Yes
AOI 4	SS	NV	SS	NV	NV	NV	SS	33%	No	No	FV
AOI 5	WS	WS	WS	WS	WS	WS	WS	100%	No	Yes	Yes
AOI 6	NV	NV	NV	NV	SS	NV	NV	17%	No	No	No
AOI 7	SS	NV	SS	NV	NV	NV	NV	17%	No	No	No
AOI 8	SS	NV	SS	NV	NV	NV	NV	17%	No	No	No
AOI 9	DO	NV	NV	NV	NV	NV	NV	0%	No	No	No
AOI 10	SS	NV	NV	NV	NV	NV	NV	0%	No	No	No
AOI 11	SS	NV	NV	NV	NV	NV	NV	0%	No	No	No
AOI 12	SS	NV	NV	NV	NV	NV	NV	0%	No	No	No
AOI 13	SS	NV	NV	NV	NV	NV	NV	0%	No	No	No
AOI 14	SS	SS	NV	NV	CS	DO	NV	50%	No	No	FV
AOI 15	SS	SS	NV	NV	NV	NV	NV	17%	No	No	No
AOI 16	SS	NV	NV	NV	NV	NV	NV	0%	No	No	No
AOI 17	CS	NV	WS	WS	WS	WS	WS	83%	No	No	FV
AOI 18	NV	WS	WS	WS	WS	WS	WS	100%	No	No	FV
AOI 19	DO	NV	NV	NV	NV	NV	NV	0%	No	No	No



Legend

- Aerial Photo Review Area of Interest
- Property Boundary

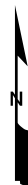


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1:3,000

0 250 Feet



**Figure 1 - 1991
Aerial Photo Review
Kemmetmueller Property
Rogers, Minnesota**



Legend

- Aerial Photo Review Area of Interest
- Property Boundary

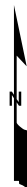


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1:3,000

0 250 Feet



**Figure 1 - 2010
Aerial Photo Review
Kemmetmueller Property
Rogers, Minnesota**



Legend

- Aerial Photo Review Area of Interest
- Property Boundary

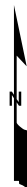


**CARLSON
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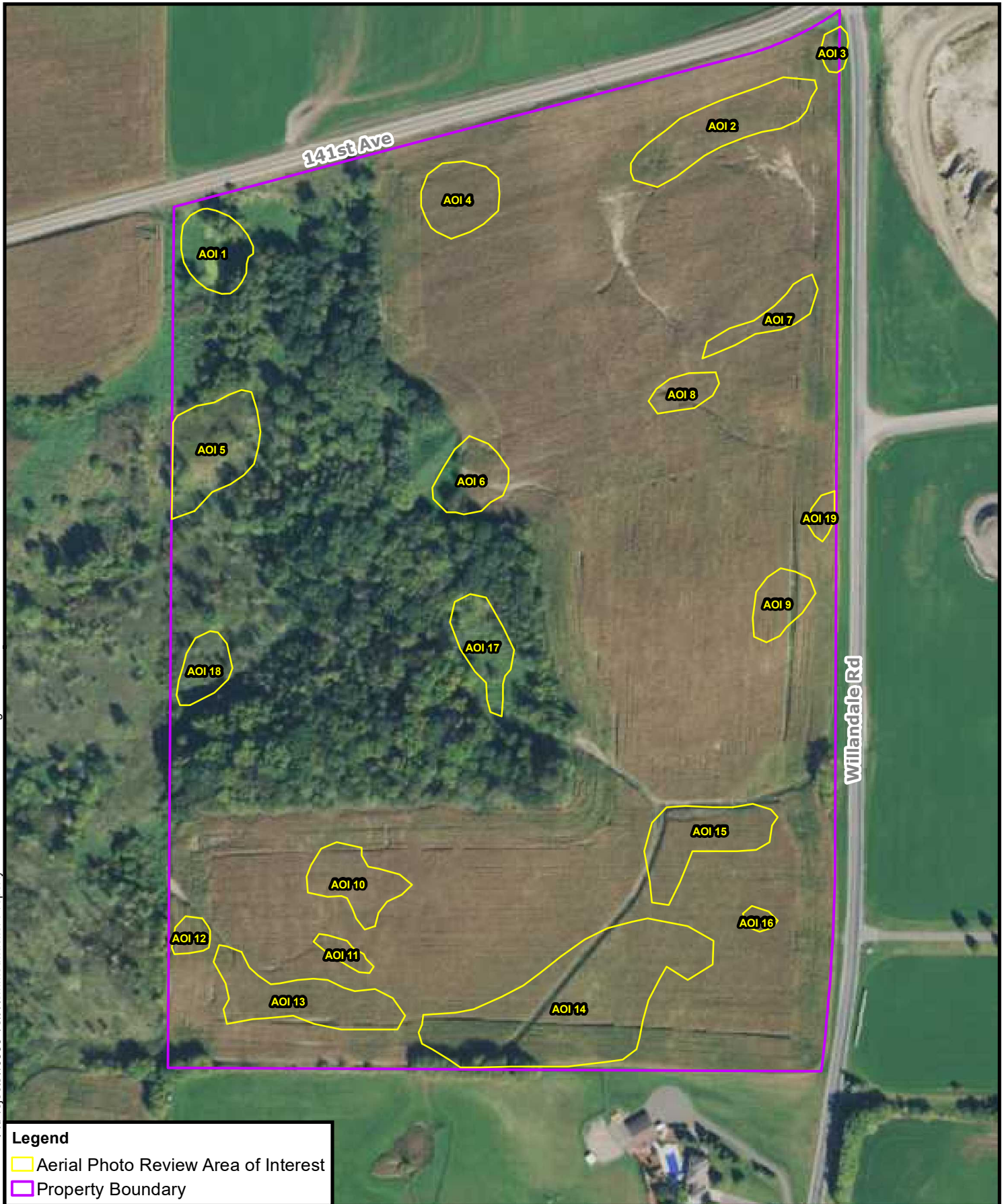
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1:3,000

0 250 Feet



**Figure 1 - 2013
Aerial Photo Review
Kemmetmueller Property
Rogers, Minnesota**



Legend

- Aerial Photo Review Area of Interest
- Property Boundary

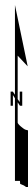


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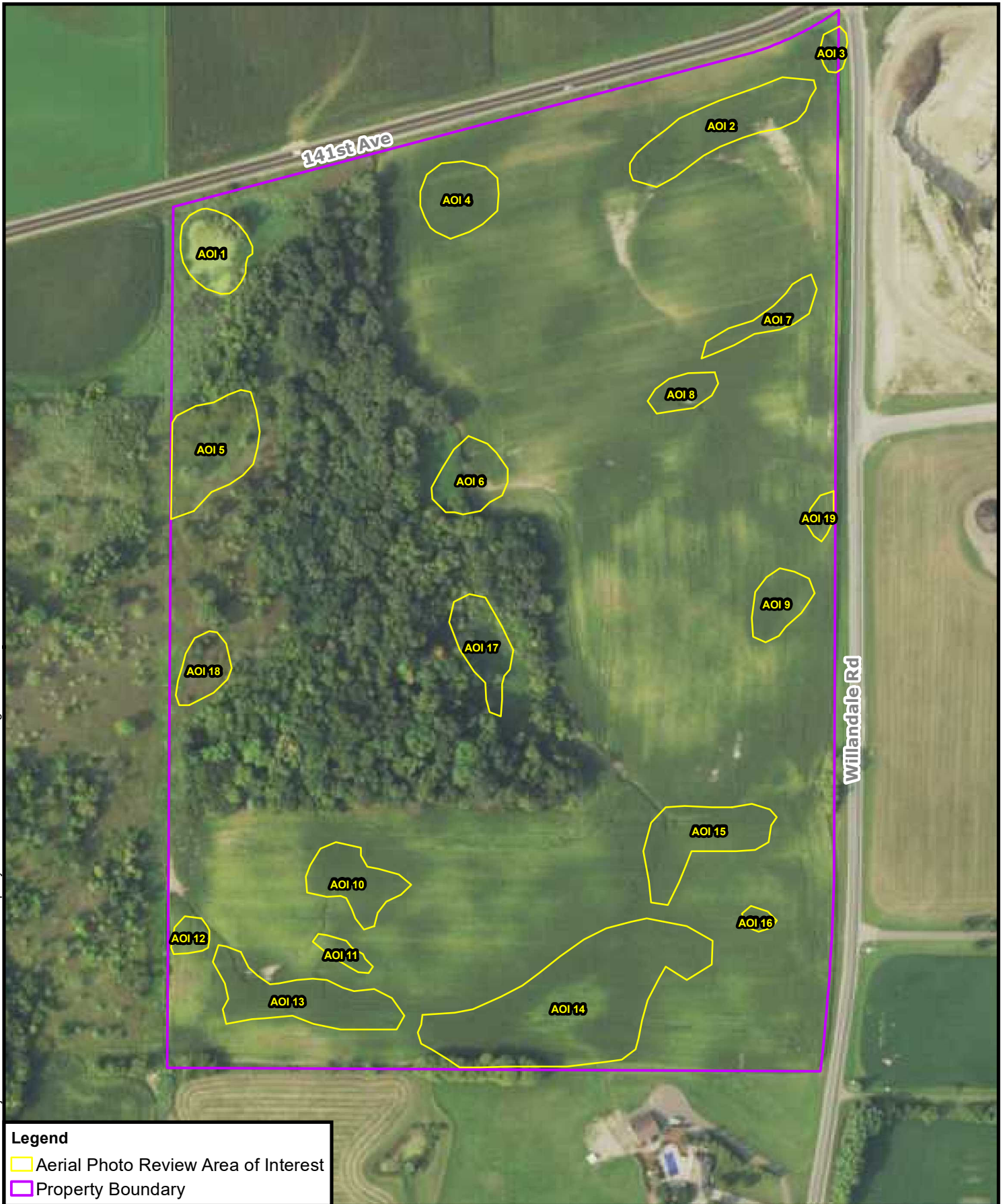
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1:3,000

0 250 Feet



**Figure 1 - 2015
Aerial Photo Review
Kemmetmueller Property
Rogers, Minnesota**



Legend

- Aerial Photo Review Area of Interest
- Property Boundary

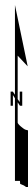


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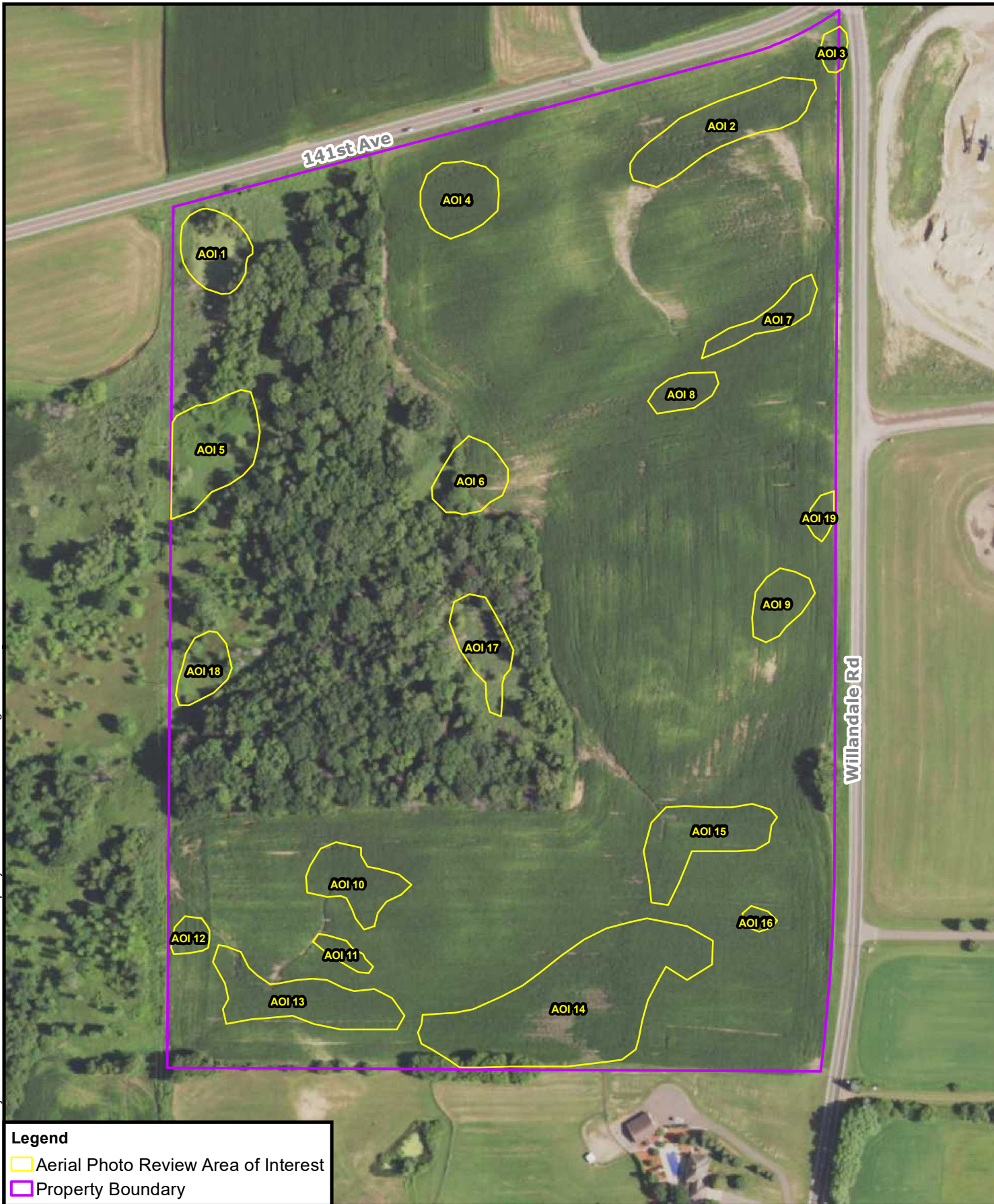
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1:3,000

0 250 Feet



**Figure 1 - 2017
Aerial Photo Review
Kemmetmueller Property
Rogers, Minnesota**



Legend

- Aerial Photo Review Area of Interest
- Property Boundary

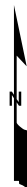


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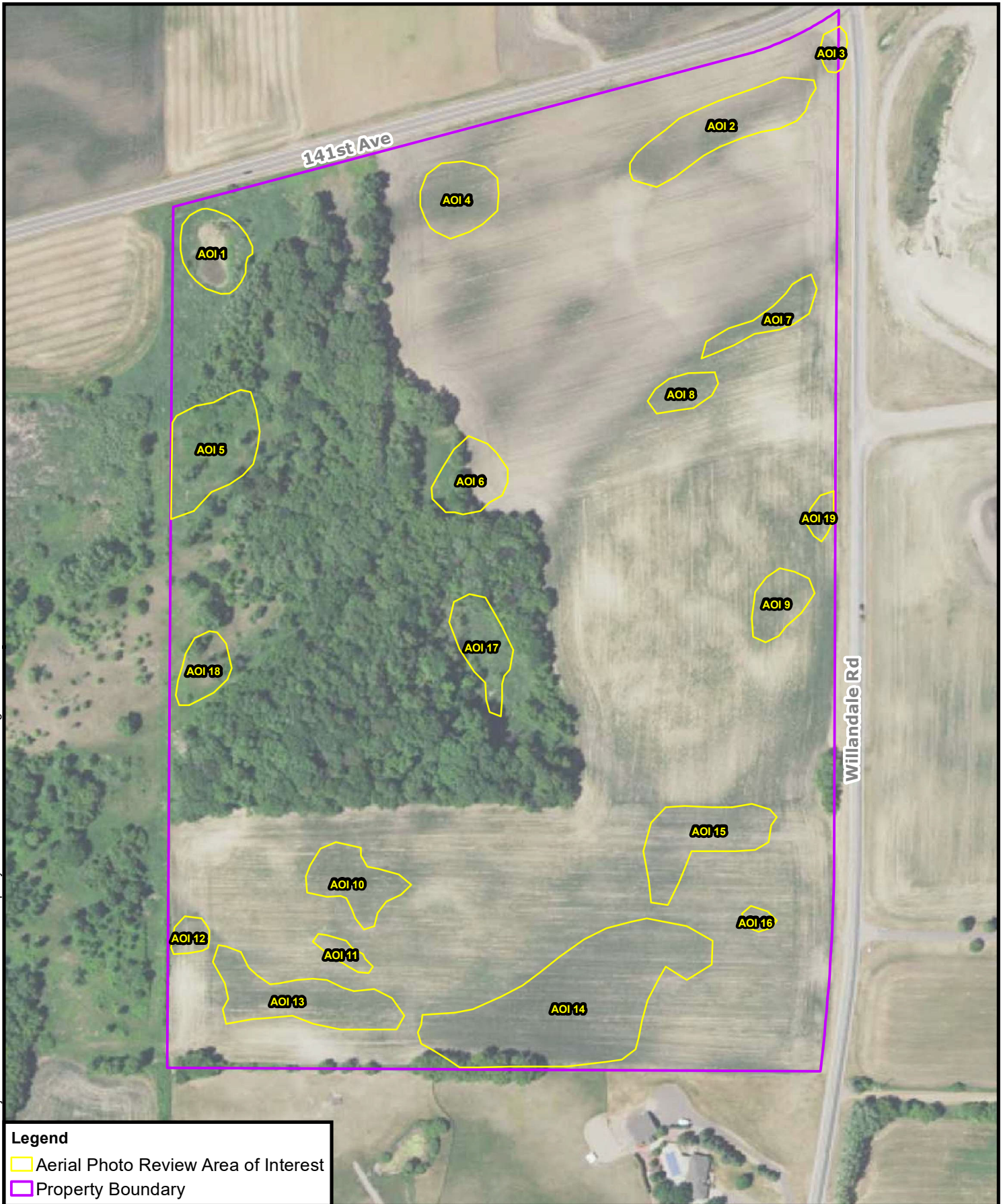
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1:3,000

0 250 Feet



**Figure 1 - 2019
Aerial Photo Review
Kemmetmueller Property
Rogers, Minnesota**



Legend

- Aerial Photo Review Area of Interest
- Property Boundary

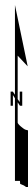


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1:3,000

0 250 Feet



**Figure 1 - 2021
Aerial Photo Review
Kemmetmueller Property
Rogers, Minnesota**

APPENDIX C



Photograph 1, view of Wetland 1 from test hole 1Wa, facing west.



Photograph 2, view of Wetland 1 from test hole 1Wa, facing southwest.



Photograph 3, View of Wetland 1 from the south edge, facing north.



Photograph 4, View of Wetland 2, facing west from the eastern edge.



Photograph 5, view of the western edge of Wetland 2 where it spills over the Property line, facing north.



Photograph 6, view of upland test hole U101, facing south.



Photograph 7, view of Wetland 3 from the center, facing southeast.



Photograph 8, view of Stream 1, facing southeast.



Photograph 9, view of Wetland 3 from southern end, facing northwest.



Photograph 10, view of upland test hole U102, facing north.



Photograph 11, view of southern portion of the Property, including upland test hole U103, facing east.



Photograph 12, view of center of the Property, facing northeast.



Photograph 13, view of northeast portion of the Property, facing northeast.



Photograph 14, view of upland test holes U104 and U105, facing southwest.



Photograph 15, view of upland test hole U106, facing northeast.



Photograph 16, view of the start of Stream 2, facing south.



Photograph 17, view of Stream 2 where it passes below former road through a culvert.



Photograph 18, view stream 2, facing northwest.



Photograph 19, view of Stream 2 where it empties into Wetland 1.

POLLUTION PREVENTION PLAN

Veit Pit

141st Avenue N & Willandale Road
Rogers, Minnesota

Prepared for:

Veit & Company, Inc.
14000 Veit Place
Rogers, MN 55374

April 29, 2024

Revised: June 25, 2024

Revised: August 13, 2024

Revised: October 2, 2024



3890 PHEASANT RIDGE DRIVE NE, SUITE 100
BLAINE, MN 55449

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FAX 763.489.7959

CARLSONMCCAIN.COM

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FIGURES

Figure 1 Site Location Map
 Sheets 1-5 P2 Plan Drawings

APPENDICES

Appendix A Inspections and Maintenance
 Appendix B Spill Prevention and Response Plan
 Appendix C HydroCAD Stormwater Analysis
 Appendix D MNG49 General Permit

1.0 INTRODUCTION

This Pollution Prevention Plan (P2 Plan) has been developed on behalf of Veit & Company, Inc. (Veit) for use in controlling and minimizing impacts of stormwater and non-stormwater discharges resulting from sand and gravel mining operations. It has been designed to meet the requirements of the National Pollutant Discharge Elimination System (NPDES) and State Disposal System (SDS) General Permit MNG490000 for Nonmetallic Mining Operations and Associated Activities (MNG49), administered by the Minnesota Pollution Control Agency (MPCA), and the requirements of City of Rogers City Code (Ordinance) Chapter 125-91 pertaining to mining. A copy of the MNG49 permit is attached as Appendix D, and the requirements are herein incorporated by reference, as applicable.

1.1 Location and Activities of Site

Veit has applied for a City of Rogers Interim Use Permits (IUP) to operate a sand and gravel mine on a parcel located within Section 16, Township 120N, Range 23 W, Hennepin County, Minnesota. The parcel contains sand resources which will be mined and processed for use in redi-mix concrete, asphalt pavement, and as base material for private and public construction projects in the area. Currently the sites consist of mostly cropland, grassland and woodland.

The mining will take place on the following parcel, which are listed below according to the corresponding Hennepin County Parcel ID number:

Parcel ID 1612023320002

Owner	KJ Veit Companies, LLC
Address	ADDRESS NOT YET ASSIGNED (previous address 25715 Territorial Road, Rogers, MN 55374)
Mapped Acres	45.6169
Current Use	Residential - R2
PLSS Description	NW 1/4 of SW 1/4 And That Part Of SW 1/4 Of NW 1/4 Lying S Of Road Ex Road all in Section 16, Township 120, Range 23, in Hennepin County Minnesota.

The mining location and immediate vicinity are shown on Figure 1. A layout of the proposed mining plan can be found on the P2 Plan Drawings.

1.2 Site Area Calculations

The mining operation will occur in area designated as the Veit Pit, which will be permitted under an IUP with the City of Rogers. The Veit Pit will encompass approximately 39 acres, including approximately 33.66 acres of active mining and the remainder used for ingress/egress roads, screening, stockpiling, parking and buffer areas.

2.0 POTENTIAL POLLUTION SOURCES

2.1 Assessment of Activities

Excavation: Sand/Gravel Mining

Sand/gravel is mined from the site via the use of heavy construction equipment such as mobile excavators and loaders. The sand/gravel is stockpiled on-site for use at off-site construction sites. The sand/gravel is mined on an as-needed basis.

Crushing, Screening, Washing

Portable crushers and screeners will be brought to the site once per year to process imported material into useable aggregate. If used, aggregate wash water will be collected and discharged to a recycle basin. The recycle basin will settle fine particles and the clean water will then be reused for further washing. The basin will be lined with an impermeable barrier and excess fines will be blended with overburden from the site and used as on-site reclamation fill.

Overburden and Product Stockpiles

Stockpiles will be created for imported rubble, sand, topsoil and overburden/reclamation fill soil. The topsoil stockpile will be just outside of the southeast mining boundary and will be evenly graded and surrounded by silt fence on the downslope side. All other stockpiles will be located within the mining limits.

Waste Products

Small amounts of solid waste will be generated at the site. Solid waste will be collected in containers and removed by a licensed waste collection service.

Production of recycled concrete and asphalt aggregates will occur once per year. This will include transporting salvaged concrete and/or asphalt rubble to the site and subsequently crushing, screening, and stockpiling the materials within the processing area.

Material Loading and Unloading

Haul trucks are loaded with sand/gravel from stockpiles for transport to off-site destinations. Haul trucks also unload imported fill used for reclamation.

Site Access Road

Access to the mine will be via a driveway entrance off of 141st Avenue N at the location shown on Figure 2. The entrance will be 50-feet wide to accommodate mine traffic, will be paved, and will include a rock construction exit. Truck traffic exiting the mine will be directed west on 141st Avenue N, then north or south on Territorial Road, depending on the location of the project being served.

Vehicle and Equipment Maintenance, Washing and Fueling

All used oil from any oil changes performed onsite will be collected in a leak proof metal container and recycled offsite. No detergent or chemicals will be used to wash equipment onsite. Wash water will be directed to onsite infiltration areas and will not be discharged from the Site.

3.0 STORMWATER CONTROL MEASURES AND BEST MANAGEMENT PRACTICES

3.1 Stormwater Management

Stormwater runoff under existing, proposed, and reclamation conditions was analyzed using HydroCAD. A copy of the HydroCAD report is attached as Appendix C. Near surface soils consist mostly of sand, therefore soils were considered to be HSG “A”.

A detailed analysis of the stormwater management standards can be found in Section 4.0 of the Resource Management Plan.

3.1.1 Existing Conditions

Existing drainage patterns are shown on Sheet 1 of the P2 Plan Drawings. For the purposes of this analysis, three watersheds were modelled as receiving drainage from the proposed mining area, and the watersheds encompass a total area of approximately 45.762 acres. Areas were modelled for HSG “A” for cropland areas, wooded areas, grassland areas, wetland areas, and impervious areas.

The NW Wetland Direct Watershed (labelled 1S) encompasses approximately 22.717 acres and includes drainage that flows directly to the NW Wetland in the northwest corner of the property. The wetland area was determined by a wetland delineation performed by Carlson McCain in May 2023.

The NE Depression Watershed (labelled 2S) encompasses approximately 10.844 acres and includes drainage that flows to the NE depression located in the eastern portion of the proposed mining area. This depression will overflow to the NW wetland.

The Middle Wetland Watershed (labelled 3S) encompasses approximately 12.201 acres and includes drainage that flows to the wetland in the center of the property. The wetland overflows to the NW wetland.

The NW wetland have no outlet. The Crow River is approximately 0.13 miles north of the site and is listed as an impaired water impaired water. Sylvan Lake is approximately 0.4 miles southwest of the site and is also listed as an impaired water impaired water. Cowley Lake is approximately 0.3 miles east of the site and is also listed as an impaired water impaired water.

3.1.2 Active Mining Conditions

During mining operations, stormwater runoff contacting the mining and processing areas will be completely contained within the mining area for the 2, 10, and 100-year storms and will subsequently infiltrate or evaporate. The pond that is created from mining operations will receive runoff during the active life of the mine. Areas where runoff from the access road to the active mining area cannot be directed to the mining pit, will be directed to a temporary sedimentation trap, before outletting to the northwest wetland.

Stormwater runoff chemical composition will not differ appreciably from current conditions. An increased sediment load can be expected for runoff from the active mining area, however this water will be contained on site and infiltrate into the subsurface so there will not be additional sediment transported to off-site water bodies. HydroCAD calculations for the mining phase were not performed due to the runoff from added impervious areas being contained in the mining pit, which will not outlet, and therefore will result in a runoff rate of 0 cfs. Due to the varying nature of the entrance road throughout the life of the mine this area wasn't modelled either. A sediment trap/basin shall be designed to provide a live storage for a calculated volume of runoff from a ten (10)-year 24-hour storm from each acre of road that is directed to the trap/basin.

3.1.3 Reclamation Conditions

The site will be reclaimed to maintain flow to the wetland in the northwest corner of the site, please see Sheet 5 of Appendix A. The majority of the site will drain to the wetland, except for one small area that flows to the depression in the northeast corner of the site. Any overtopping from this depression will flow to the wetland in the northwest corner of the site. All other conditions will remain as they are in existing conditions, except for cropland being changed to grassland. These areas were modelled using an HSG "B".

The NW Wetland Direct Watershed (labelled 1S) encompasses approximately 43.437 acres and includes drainage that flows directly to the NW Wetland in the northwest corner of the property.

The NE Depression Watershed (labelled 2S) encompasses approximately 2.325 acres and includes drainage that flows to the NE depression located in the eastern portion of the proposed mining area. This depression will overflow to the NW wetland.

Due to the no increase in impervious surface and the increase in the time of concentration between the pre-settlement and reclamation phases, water quality, discharge rate and volume control will be maintained or improved from the pre-settlement conditions.

3.1.4 Rate Analysis

The discharge rates corresponding to each of the analyzed watersheds are presented below for the 2-year, 10-year, and 100-year storm events. The data demonstrates that rates are maintained or reduced for all three storm events. HydroCAD calculations for the mining phase were not performed due to the runoff from added impervious areas being contained in the mining pit, which will not outlet, and therefore will result in a runoff rate of 0 cfs. Due to the varying nature of the entrance road throughout the life of the mine this area wasn't modelled either. A sediment trap/basin shall be designed to provide a live storage for a calculated volume of runoff from a ten (10)-year 24-hour storm from each acre of road that is directed to the trap/basin.

Table 1
Runoff Comparison 1
Veit Pit

Condition	Discharge to NW Wetland		
	2y Storm (cfs)	10y Storm (cfs)	100y Storm (cfs)
Existing (X)	13.1	43.0	152.4
Reclamation (X)	7.8	32.8	109.3

3.2 Eliminating and Reducing Exposure

- Materials such as mined sand and gravel shall be stockpiled to minimize stormwater contact.
- Processing and stockpiling will occur on the mine floor to limit transport of stockpiled materials outside of mining limits
- Perimeter berms will be constructed as needed around the mining area to control run-on and runoff. Berms will be vegetated.

3.3 Sediment Tracking

- The main entrance to the site will be monitored for soil tracking and corrective action will be taken to reduce tracking as necessary. The site entrance will be swept as needed to prevent soil accumulation. If tracking becomes problematic, tracking mitigation measures can be implemented. These mitigation measures may include, but are not limited to installation of rock rumble strips and/or steel track-out grates. Soil tracked onto public right of ways will be removed promptly.
- Street sweeping of the site entrance and adjacent streets shall be performed on a weekly basis, and at more frequent intervals if conditions warrant such action and as ordered by the City Engineer.

3.4 Temporary Sedimentation Trap/Basin

- Temporary sedimentation traps/basins will be used to collect runoff from access roads that is not collected in the active mining area. Grading of the access roads shall be constructed in a manner that directs all flow from access roads to the temporary sedimentation trap/basin or the active mining area.
- The basin shall be designed to provide a live storage for a calculated volume of runoff from a ten (10)-year 24-hour storm from each acre of road that is directed to the trap/basin.
- Temporary (or permanent) sedimentation traps/basins shall be drained and the sediment removed when the depth of sediment collected in the basin reaches ½ the storage volume within 72 hours of discovery, or as soon as field conditions allow.

3.5 Stormwater Pond

- The gravel pit will perform as the stormwater pond receiving water from the Site. Water will be infiltrated through the pit bottom. Due to continuous mining, there is no danger of the mining pit becoming clogged by sediment.

3.6 Silt Fence

- Silt fence shall be used at the perimeter of stockpiles where stockpiles are located in an area outside of the mining boundary, and/or during initial phases of mining when stockpiles may be present at existing grade. If runoff from a stockpile is directed toward the temporary sedimentation basin, silt fence may not be required.
- Silt fence shall be installed on all downstream perimeters before any land disturbing activities begin.
- Two rows of silt fence shall be placed along all downstream wetlands.
- Silt fence shall be repaired or replaced when sediment reaches one-third the height of the silt fence, the silt fence is damaged and/or the silt fence becomes nonfunctional. Measures shall be taken within 24 hours of discovery.
- A silt fence between the mining area and all wetlands will be maintained until upstream areas have been stabilized with at least 70% vegetation coverage.

3.7 Erosion Prevention and Sediment Control

- Where practical, the mining area shall be excavated such that stormwater is directed to the mining pit.
- The adjacent sloping land shall remain vegetated with perennial vegetation that prevents erosion and filters stormwater.
- The topsoil stockpile shall be seeded as-needed to prevent excessive erosion.
- Stockpiles shall not be placed in surface waters, including stormwater conveyances such as curb and gutter, conduits or ditches.
- All exposed soil areas that have a continuous positive slope that pose a risk of sediment discharge to waters (excluding water inside the pit) must have temporary erosion protection cover for the exposed soil areas year-round within 7 days of completion of land disturbing activities.
- Where nuisance conditions exist, silt fence, erosion control blanket or other BMPs shall be implemented within 24 hours of discovery.
- Erosion control blanket shall be utilized on all slopes, other than the mining slope, that are 4H:1V or greater.

3.8 Facility Inspection Requirements

- The facility shall be inspected at least once per calendar month when the mine site is active and staffed. A copy of the site inspection form is included in Appendix A. A minimum of one inspection per calendar year shall be conducted during a runoff event, and one inspection shall be conducted during a snow melt event (separate from the annual runoff event). If the site is inactive and unstaffed, or undergoing final stabilization, the Permittee is waived from the requirement to conduct monthly inspections, but BMPs must be maintained.

3.9 Maintenance Requirements

- All stormwater BMPs shall be maintained to ensure proper function. If it is found that the BMPs are not functioning properly, the BMP shall be repaired or replaced within the timeframes shown in the above sections.

3.10 Spill Prevention and Response

- Spill prevention and response procedures are attached as Appendix B.

3.11 Blanding's Turtle

The following measures shall be taken to ensure that the project does not affect any possible Blanding's Turtle population:

- Wetland removal shall not occur between September 15th and April 15th, which are considered the hibernation period for Blanding's Turtles. The wetland may be removed during these dates if an expert in Blanding's Turtles determines that the area is not suitable for hibernation.
- Erosion and sediment controls shall be limited to wildlife friendly erosion control to avoid the inadvertent take of Blanding's turtles.
- Hydro-mulch products shall not contain any materials with synthetic (plastic) fiber additives, as the fibers can re-suspend and flow into waterbodies.
- The Blanding's turtle flyer shall be given to all contractors working on the site.
- Bare ground within construction areas shall be thoroughly checked for turtles before the use of heavy equipment or any ground disturbance.
- Any sightings of Blanding's turtles shall be reported to Reports.NHIS@state.mn.us and shall include the date, observer, location, and photograph of the Blanding's turtle.
- Project personnel shall install silt fencing around all soil stockpiles, gravel pads, and other areas of exposed soil/sand/sediment where work will occur to prevent turtle access from May 15th to July 15th. Silt fence shall be buried a minimum of 10-inches, regularly inspected, and maintained as needed. Temporary fencing shall be removed by project closeout.

- If any turtles are found in imminent danger, they must be moved by hand out of harm's way, otherwise they are to be left undisturbed. Directions on how to safely move turtles will be provided to all workers onsite.

4.0 FINAL STABILIZATION AND CLOSURE

In order to be released from the inspection, recording and reporting requirements of this permit for a site where the Permittee no longer conducts the activities described above, the Permittee shall ensure and certify on the Annual Report/Site Inventory Form that:

- There is no stormwater runoff and/or pit dewatering from the site; or
- The Permittee certifies that a new owner or operator has assumed responsibility for the site; or
- The site closure achieves final stabilization.

4.1 Final Stabilization

Final stabilization is achieved by the following means:

- The drainage ways that leave the Site are stabilized to prevent erosion.
- The soil disturbing activities at the Site are completed and all soils are stabilized by a uniform perennial vegetative cover with a density of 70 percent over the entire pervious surface areas, or other equivalent means necessary to prevent soil failure under erosive conditions.
- The drainage ditches constructed to drain water from the Site are stabilized to preclude erosion.
- The temporary synthetic and structural erosion prevention and sediment control BMPs (such as silt fence) are removed.
- The Permittee cleans out all sediment from conveyances and from the infiltration basins that are to be used as permanent water quality management basins; sediment must be stabilized to prevent it from being washed back into the basin, conveyances or drainage-ways discharging off-site or to surface waters. The cleanout of permanent basins must be sufficient to return the basin to design capacity.
- Site entrance road has gravel removed, the soil in the area shall then be ripped, topsoiled, seeded, and mulched.
- Other BMPs as necessary are implemented so as to prevent erosion from the Site excavation areas and stockpiles that have been used by the Permittee.

Prior to seeking certification that a site complies with this part, the Permittee shall inspect the Site to verify compliance before providing certification to the MPCA.

After the Permittee has certified on the Annual Report/Site Inventory Form that a site complies with this part, the Site can be released and the Permittee is no longer required to inspect, record and report on that Site.

5.0 ADMINISTRATION

5.1 Responsible Personnel

The following person is responsible for the management and implementation of the Pollution Prevention Plan, inspections, maintenance and annual reporting:

Primary: **Jesse Roush**

Veit & Company, Inc.
14000 Veit Place
Rogers, MN 55374
Ph: (763) 428-6739
Email: jroush@veitusa.com

5.2 Plan Availability and Review

This Plan will be kept at the site when the site is active. If there is no office located on-site, electronic access of the plan is acceptable.

This Plan will be reviewed at least annual and modified if:

- a. There is construction or a change in design, operation, or maintenance at the facility that affects stormwater and wastewater management or compliance with the MNG49 permit or the Ordinance.
- b. The Permittee has identified a monitoring location from which the discharge flows to, and is within one mile of, an impaired water.
- c. A routine inspection, compliance evaluation, or visual inspection identified deficiencies in the P2 Plan and/or BMP.
- d. Additional stormwater and/or wastewater control measures and BMPs are necessary to meet applicable water quality standards or to address exceedances of intervention limits.
- e. There is an unauthorized discharge from the facility.

5.3 Training

Employees will be trained in the contents of this Plan. Training will occur annually for existing employees, and will typically occur in March. New employees will be provided training prior to beginning work on the site.

5.4 Record Keeping

Records of all inspections conducted in accordance with MNG49 permit or the City of Rogers IUP will be maintained within this Plan.

6.0 CERTIFICATION

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.



Dan Wilke, P.E.
License No. 53182

10/2/24
Date

INSPECTIONS

One inspection shall be completed at the Site at least once per month during active operations. The inspector shall evaluate the Site to determine that the Site is in general compliance with this Plan.

The inspector shall record the date and time of the inspections on the inspection log on the following page. Additionally, the inspector shall inspect and record the findings under each location/item listed on the inspection log. If a BMP requires maintenance or replacement, it shall be noted on the inspection log. Corrective actions taken shall be noted on the inspection log with the dates, times and party completing the maintenance activities. Omissions and additions to this Plan shall be clearly noted on the modification log. The date and time of all rainfall events greater than ½ inch in 24 hours shall also be recorded.

At least once per year the Permittee shall review the current EPA approved list of impaired waters and the TMDLs to determine if, and to what extent, the site's plan must address these impairments and TMDLs.

MAINTENANCE

All stormwater BMPs are to be maintained on an as-needed basis so as to ensure proper function. If it is determined that the effectiveness of a BMP is compromised, corrective action shall be taken within the timeframes listed in Section 3. This shall include, but is not limited to: maintenance, repair or replacement of the BMP. If corrective action cannot be taken within the allotted timeframes of discovery, additional temporary or permanent BMPs shall be implemented until the original BMP is restored. The date and time of any BMP maintenance, repair or replacement shall be noted on the maintenance log.

INSPECTION LOG

Inspector	Date & Time	Rainfall Data	Gravel Construction Entrance	Stockpiles	Mining Area	Adjacent Grounds	Equipment
Record inspector's name and title.	Record date and time of site inspection.	Record all rainfalls greater than ½ inch in 24 hours.	Inspect entrance and streets for sediment tracking and/or waste.	Inspect stockpiles for excessive erosion and required silt fence.	Inspect for excessive erosion or sedimentation off-site.	Inspect for off-site erosion and sediment control practices.	Inspect for leaks and ensure proper maintenance.
			USE MPCA STANDARD	INSPECTION FORM			

INSPECTION LOG

Inspector	Date & Time	Silt Fence	Infiltration Basins	Reclaimed Ponds	Drainage Ditches	Stormwater Conveyances
Record inspector's name and title.	Record date and time of site inspection.	Inspect for sedimentation and effectiveness.	Inspect for sedimentation and erosion.	Inspect for excessive erosion and presence of energy dissipation.	Inspect for erosion and sedimentation.	Ensure materials are not stockpiled in conveyances.
			USE MPCA STANDARD	INSPECTION FORM		

MAINTENANCE AND SWPPP MODIFICATION LOG

Inspector	Date & Time	Maintenance, SWPPP Modification and Notes	Date Completed
Record inspector's name and title.	Record date and time of site inspection.	Record recommended maintenance, corrective action, plan modification and general notes.	Record date the work was completed.

SPILL PREVENTION AND RESPONSE PLAN

Potential Spill Areas

- Vehicle fueling areas
- Loading and unloading areas
- Vehicle storage areas
- Vehicle maintenance areas

Material Handling Procedures

- Label all containers to show the name and type of substance, expiration date, health hazards, handling procedures and first aid considerations.
- Use filling procedures for tanks, vehicles and other equipment that minimize the risk of spills. Examples include automatic dispenser shutoffs, overfill protections, dedicated fueling areas.
- Ensure proper security for materials and equipment.

Spill Response Procedures

- Secure the area to protect all personnel and public from immediate danger.
- If possible and if it is safe to do so, attempt to contain the spill using absorbent materials, earthen berms and/or booms; and containerize impacted materials for proper disposal.
- If necessary, call 911 to alert the fire department or other emergency services.
- Contact the Facility Manager.
- If the spill is five gallons or more, the Safety and Regulatory Compliance Department will notify the Minnesota Duty Officer, and the National Response Center if required.

The Minnesota Duty Officer

651-649-5451

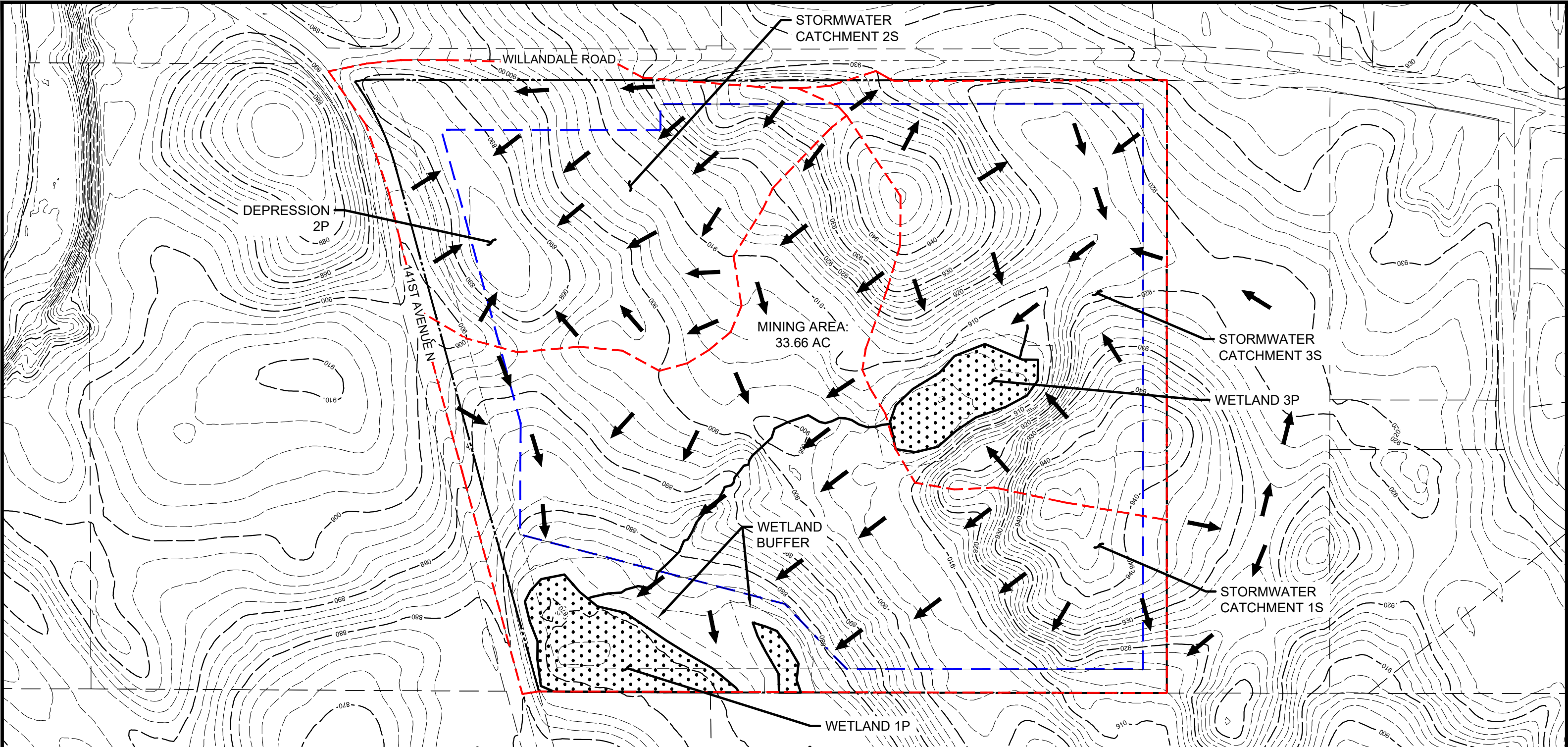
800-422-0798

The National Response Center

800-424-8802

- Contact environmental consultant for disposal options, investigation, sampling and closure requirements.

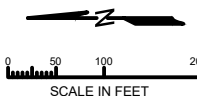
Figures



BACKGROUND AERIAL SOURCE: GOOGLE EARTH

LEGEND

EXISTING CONTOUR IDX	--- -960---	MINING BOUNDARY	---
EXISTING CONTOUR INT	---	SETBACK	---
PROPERTY BOUNDARY	---	WETLANDS	---
STORMWATER CATCHMENT	---	SILT FENCE	---
	---	DRAINAGE ARROW	---



15650 36TH AVE N
SUITE 110
PLYMOUTH, MN 55446
TEL (952) 346-3900
FAX (952) 346-3901
CARLSONMCCAIN.COM

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.

Print Name: Dan J. Wilke
Signature: *Dan Wilke*
Date: 04/29/24 License #: 53182

Drawn: DJW
Designed: DJW
Date: 04/29/24

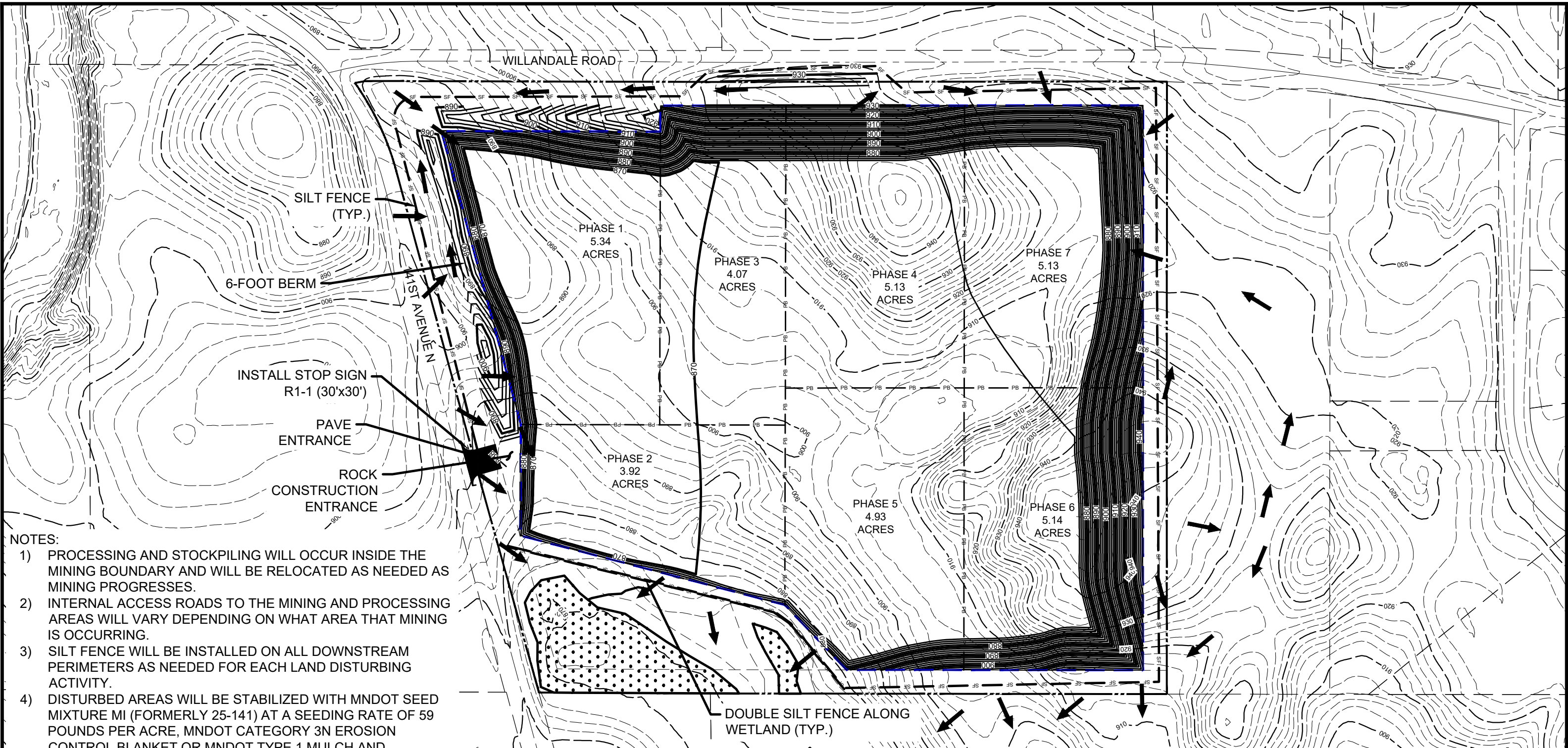
REV	DATE	BY	DESCRIPTION
0	04/29/2024	DJW	SUBMITTED FOR RGU REVIEW
1	06/25/2024	DJW	PER CITY COMMENTS
2	08/13/2024	DJW	UPDATED FOR ILP SUBMITTAL
3	10/02/2024	DJW	PER CITY COMMENTS

VEIT & COMPANY, INC.
14000 Veit Place,
Rogers, MN 55374

VEIT MINE
ROGERS, MN

EXISTING CONDITIONS
P2 DRAWINGS

1
of
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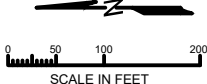


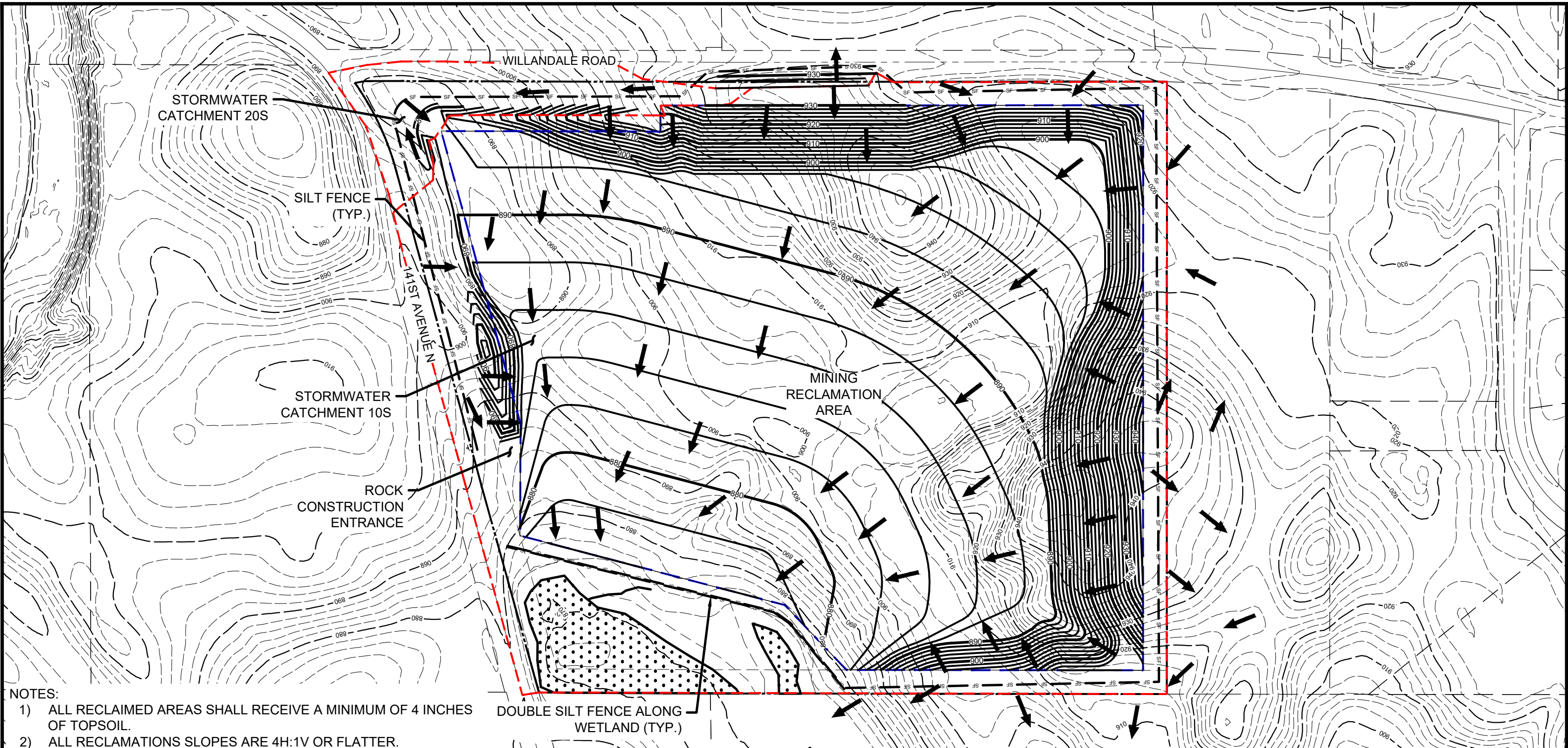
NOTES:

- 1) PROCESSING AND STOCKPILING WILL OCCUR INSIDE THE MINING BOUNDARY AND WILL BE RELOCATED AS NEEDED AS MINING PROGRESSES.
- 2) INTERNAL ACCESS ROADS TO THE MINING AND PROCESSING AREAS WILL VARY DEPENDING ON WHAT AREA THAT MINING IS OCCURRING.
- 3) SILT FENCE WILL BE INSTALLED ON ALL DOWNSTREAM PERIMETERS AS NEEDED FOR EACH LAND DISTURBING ACTIVITY.
- 4) DISTURBED AREAS WILL BE STABILIZED WITH MNDOT SEED MIXTURE MI (FORMERLY 25-141) AT A SEEDING RATE OF 59 POUNDS PER ACRE, MNDOT CATEGORY 3N EROSION CONTROL BLANKET OR MNDOT TYPE 1 MULCH AND COMMERCIAL FERTILIZER.
- 5) ENSURE THAT ALL EROSION CONTROL PRODUCTS ARE BIODEGRADABLE. ANY NETTING IN EROSION PRODUCTS SHALL BE RECTANGULAR SHAPED (NOT SQUARE MESH) & BE MADE OF FLEXIBLE (NON-WELDED) MESH.
- 6) THROUGHOUT THE MINING PHASE, RUNOFF FROM THE ACCESS ROADS SHALL BE COLLECTED IN THE ACTIVE MINING AREA OR IN SEDIMENTATION TRAP(S)/BASIN(S). SEDIMENTATION TRAPS/BASINS SHALL BE DESIGNED WITH A LIVE STORAGE VOLUME EQUAL TO A 10-YEAR STORM EVENT FOR THE AREA COLLECTED AND SHALL BE CONSTRUCTED PER MN STORMWATER MANUAL STANDARDS.

LEGEND

EXISTING CONTOUR IDX	---	960	---	MINING BOUNDARY	---
EXISTING CONTOUR INT	---		---	SETBACK	---
MINING CONTOUR IDX	---	960	---	WETLANDS	---
MINING CONTOUR INT	---		---	SILT FENCE	SF
PROPERTY BOUNDARY	---		---	DRAINAGE ARROW	→





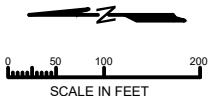
BACKGROUND AERIAL SOURCE: GOOGLE EARTH

NOTES:

- 1) ALL RECLAIMED AREAS SHALL RECEIVE A MINIMUM OF 4 INCHES OF TOPSOIL.
- 2) ALL RECLAMATIONS SLOPES ARE 4H:1V OR FLATTER.
- 3) DISTURBED AREAS WILL BE STABILIZED WITH MNDOT SEED MIXTURE MI (FORMERLY 25-141) AT A SEEDING RATE OF 59 POUNDS PER ACRE, MNDOT CATEGORY 3N EROSION CONTROL BLANKET OR MNDOT TYPE 1 MULCH AND COMMERCIAL FERTILIZER.
- 4) ENSURE THAT ALL EROSION CONTROL PRODUCTS ARE BIODEGRADABLE. ANY NETTING IN EROSION PRODUCTS SHALL BE RECTANGULAR SHAPED (NOT SQUARE MESH) & BE MADE OF FLEXIBLE (NON-WELDED) MESH.
- 5) ENTRANCE ROAD SHALL HAVE GRAVEL REMOVED, HAVE THE UNDERLYING SOIL RIPPED, AND THEN TOPSOILED AND STABILIZED.

LEGEND

EXISTING CONTOUR IDX	---	MINING BOUNDARY	---
EXISTING CONTOUR INT	---	SETBACK	---
RECLAMATION CONTOUR IDX	---	WETLANDS	---
RECLAMATION CONTOUR INT	---	SILT FENCE	SF SF
PROPERTY BOUNDARY	---	DRAINAGE ARROW	→
STORMWATER CATCHMENT	---		



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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 Professional Engineer under the laws of the State of Minnesota.

Print Name: Dan J. Wilke
Signature: *Dan Wilke*
Date: 04/29/2024 License #: 53182

Drawn: DJW
Designed: DJW
Date: 04/29/24

REV	DATE	BY	DESCRIPTION
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1	06/25/2024	DJW	PER CITY COMMENTS
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3	10/02/2024	DJW	PER CITY COMMENTS

VEIT & COMPANY, INC.
14000 Veit Place,
Rogers, MN 55374

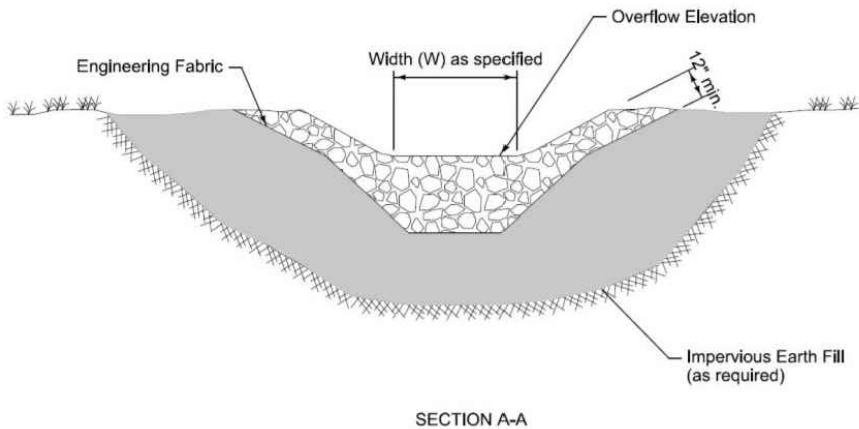
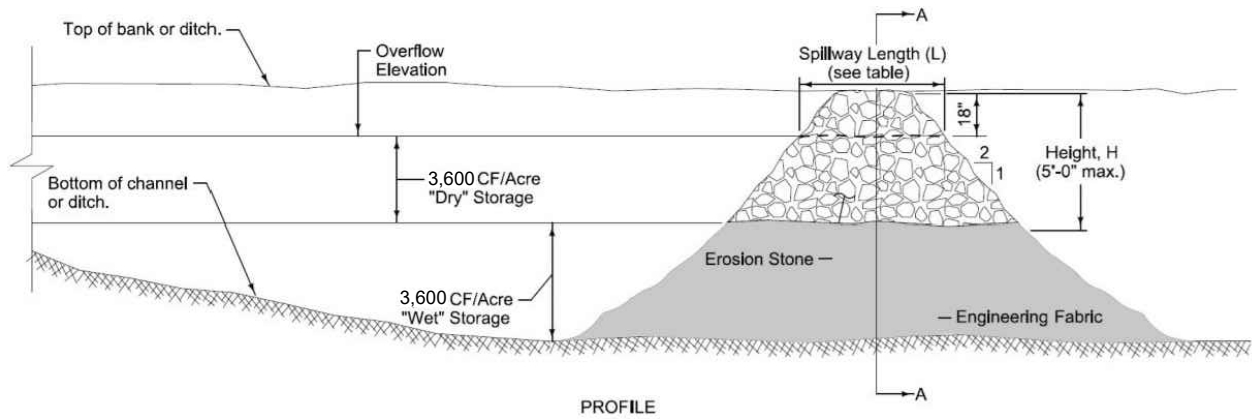
VEIT MINE
ROGERS, MN

RECLAMATION PLAN
P2 DRAWINGS

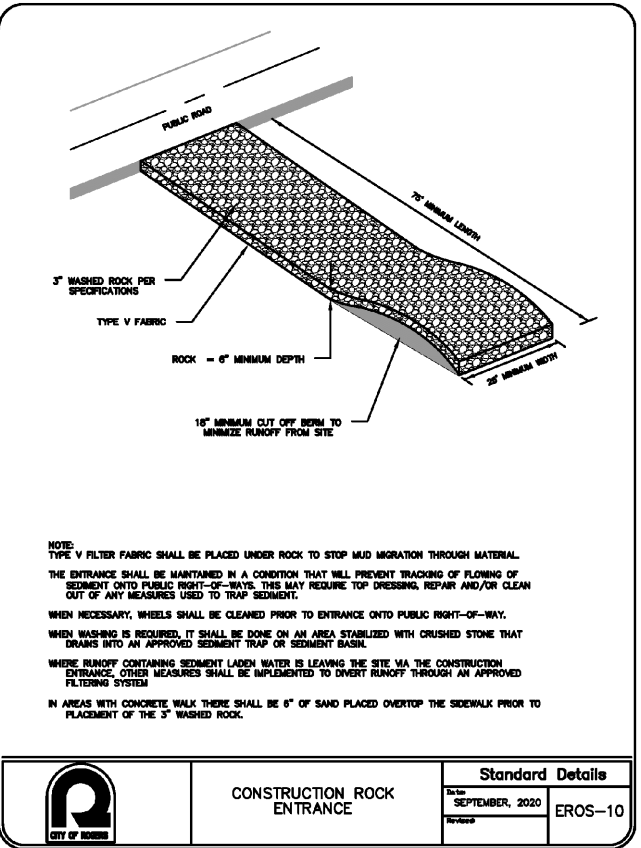
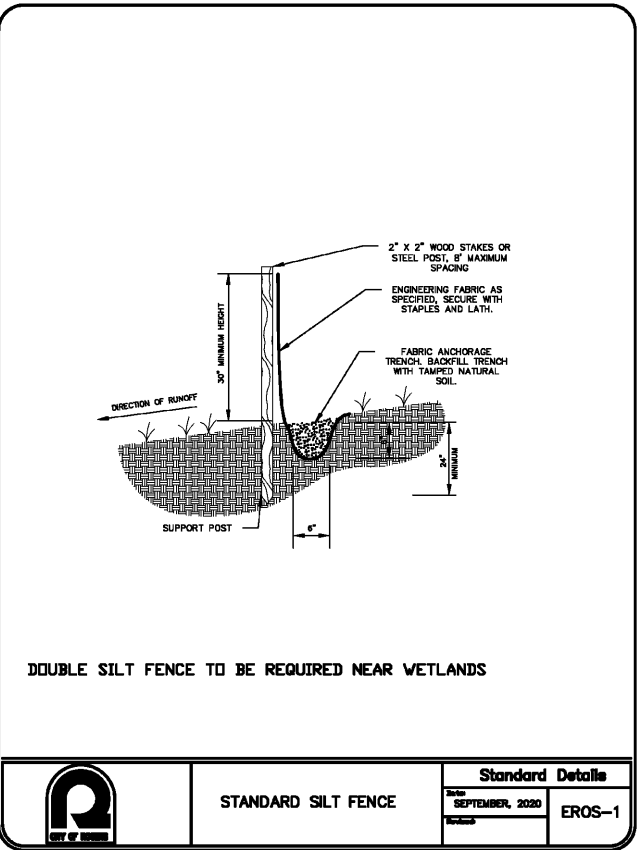
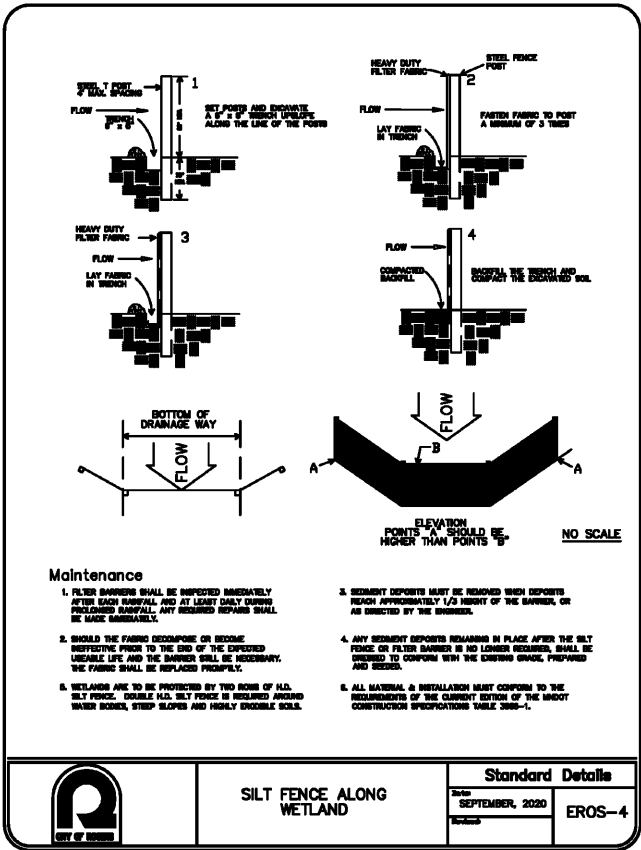
Table 7E-13.01: Embankment Widths for Sediment Traps

Contributing Drainage Area (acre)	Embankment Width (feet)
1	4
2	6
3	8
4	10
5	12

Source: Roberts, 1995 (FHWA)



TEMPORARY SEDIMENT TRAP
NO SCALE



NOTES:

THE FOLLOWING MEASURES WILL BE TAKEN TO ENSURE THAT THE PROJECT DOES NOT AFFECT ANY POSSIBLE BLANDING'S TURTLE POPULATION:

- WETLAND REMOVAL SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH, WHICH ARE CONSIDERED THE HIBERNATION PERIOD FOR BLANDING'S TURTLES. THE WETLAND MAY BE REMOVED DURING THESE DATES IF AN EXPERT IN BLANDING'S TURTLES DETERMINES THAT THE AREA IS NOT SUITABLE FOR HIBERNATION.
- EROSION AND SEDIMENT CONTROLS SHALL BE LIMITED TO WILDLIFE FRIENDLY EROSION CONTROL TO AVOID THE INADVERTENT TAKE OF BLANDING'S TURTLES.
- HYDRO-MULCH PRODUCTS SHALL NOT CONTAIN ANY MATERIALS WITH SYNTHETIC (PLASTIC) FIBER ADDITIVES, AS THE FIBERS CAN RE-SUSPEND AND FLOW INTO WATERBODIES.
- THE BLANDING'S TURTLE FLYER SHALL BE GIVEN TO ALL CONTRACTORS WORKING ON THE SITE.
- BARE GROUND WITHIN CONSTRUCTION AREAS SHALL BE THOROUGHLY CHECKED FOR TURTLES BEFORE THE USE OF HEAVY EQUIPMENT OR ANY GROUND DISTURBANCE.
- ANY SIGHTINGS OF BLANDING'S TURTLES SHALL BE REPORTED TO REPORTS.NHIS@STATE.MN.US AND SHALL INCLUDE THE DATE, OBSERVER, LOCATION, AND PHOTOGRAPH OF THE BLANDING'S TURTLE.
- PROJECT PERSONNEL SHALL INSTALL SILT FENCING AROUND ALL SOIL STOCKPILES, GRAVEL PADS, AND OTHER AREAS OF EXPOSED SOIL/SAND/SEDIMENT WHERE WORK WILL OCCUR TO PREVENT TURTLE ACCESS FROM MAY 15TH TO JULY 15TH. SILT FENCE SHALL BE BURIED A MINIMUM OF 10-INCHES, REGULARLY INSPECTED, AND MAINTAINED AS NEEDED. TEMPORARY FENCING SHALL BE REMOVED BY PROJECT CLOSEOUT.
- IF ANY TURTLES ARE FOUND IN IMMINENT DANGER, THEY MUST BE MOVED BY HAND OUT OF HARM'S WAY, OTHERWISE THEY ARE TO BE LEFT UNDISTURBED. DIRECTIONS ON HOW TO SAFELY MOVE TURTLES WILL BE PROVIDED TO ALL WORKERS ONSITE.

Helping Turtles Cross the Road

- Leave them alone if they are not in danger. Turtles crossing roads in late-May and June are often moving to familiar nesting locations. They know where they are going.
- Don't put yourself or others in danger. Simply pulling off the road and turning on your hazard lights may alert other drivers to slow down.
- If you decide to help the turtle cross the road, turn on your signal, slowly pull off the road, turn on your hazard lights, and watch for approaching traffic.
- Pick up the turtle by the back of its shell, NOT by the tail. (Picking up a turtle by the tail can damage their spinal cord.)
- Use caution when handling turtles. All turtles can bite, but Snapping Turtles and Spiny Softshells bite harder and more often.
- Snapping Turtles can be moved with a snow shovel. Other options include picking them up by their hind legs or having them bite down on a stick and carefully dragging them to safety.
- Move the turtle in the direction it is heading. Do not relocate the turtle to a new area, even if the habitat seems unsuitable.
- Wash your hands after handling a turtle.



Report turtle sightings to the DNR.



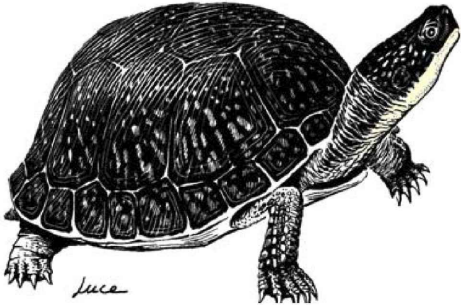
Turtles are tracked to identify movement patterns, behavior, and habitat usage.

Amphibians and reptiles are particularly vulnerable to impacts from roads. Roads can separate foraging areas from breeding or nesting grounds.

Help the DNR Keep Turtle Records

The DNR uses the location of live or road-killed turtles to document species occurrences and help identify areas of high road mortality. Road-killed specimens should be photographed top and bottom and sent to mcbs.e-report@state.mn.us. Do not handle live turtles when taking a photo, especially nesting females. Include an accurate description of the location or a map with the photo voucher.

CAUTION



BLANDING'S TURTLES
MAY BE ENCOUNTERED
IN THIS AREA

The unique and rare Blanding's turtle has been found in this area. Blanding's turtles are a State Threatened species and are protected under Minnesota Statute 84.095, Protection of Threatened and Endangered Species. Please be careful of turtles on roads and in construction sites. For additional information on turtles, or to report a Blanding's turtle sighting, contact the DNR Nongame Specialist nearest you: Bemidji (218-308-2641); Grand Rapids (218-327-4518); New Ulm (507-359-6033); Rochester (507-280-5070); or St. Paul (651-259-5764).

DESCRIPTION: The Blanding's turtle is a medium to large turtle (5 to 10 inches) with a black or dark blue, dome-shaped shell with muted yellow spots and bars. The bottom of the shell is hinged across the front third, enabling the turtle to pull the front edge of the lower shell firmly against the top shell to provide additional protection when threatened. The head, legs, and tail are dark brown or blue-gray with small dots of light brown or yellow. A distinctive field mark is the bright yellow chin and neck.

Illustration by Don Luce, from Turtles in Minnesota, Natural History Leaflet No. 9, June 1989, James Ford Bell Museum of Natural History

SUMMARY OF RECOMMENDATIONS
FOR AVOIDING AND MINIMIZING IMPACTS
TO BLANDING'S TURTLE POPULATIONS

(see Environmental Review Fact Sheet Series for full recommendations)

- A flyer with an illustration of an adult Blanding's turtle should be given to all contractors working in the area. Homeowners should also be informed of the presence of Blanding's turtles in the area.
- Turtles which are in imminent danger should be moved, by hand, out of harms way. Turtles which are not in imminent danger should be left undisturbed to continue their travel among wetlands and/or nest sites.
- If a Blanding's turtle nests in your yard, do not disturb the nest, and do not allow pets near the nest.
- Blanding's turtles do not make good pets. It is illegal to keep this threatened species in captivity.
- Silt fencing should be set up to keep turtles out of construction areas. It is critical that silt fencing be removed after the area has been revegetated.
- Small, vegetated temporary wetlands should not be dredged, deepened, or filled.
- All wetlands should be protected from pollution; use of fertilizers and pesticides should be avoided, and run-off from lawns and streets should be controlled. Erosion should be prevented to keep sediment from reaching wetlands and lakes.
- Roads should be kept to minimum standards on widths and lanes.
- Roads should be ditched, not curbed or below grade. If curbs must be used, 4" high curbs at a 3:1 slope are preferred.
- Culverts under roads crossing wetland areas, between wetland areas, or between wetland and nesting areas should be at least 36 in. diameter and flat-bottomed or elliptical.
- Culverts under roads crossing streams should be oversized (at least twice as wide as the normal width of open water) and flat-bottomed or elliptical.
- Utility access and maintenance roads should be kept to a minimum.
- Because trenches can trap turtles, trenches should be checked for turtles prior to being backfilled and the sites should be returned to original grade.
- Terrain should be left with as much natural contour as possible.
- Graded areas should be revegetated with native grasses and forbs.
- Vegetation management in infrequently mowed areas -- such as in ditches, along utility access roads, and under power lines -- should be done mechanically (chemicals should not be used). Work should occur fall through spring (after October 1st and before June 1st).

Compiled by the Minnesota Department of Natural Resources Division of Ecological Resources, Updated March 2008
Endangered Species Environmental Review Coordinator, 500 Lafayette Rd., Box 25, St. Paul, MN 55155 / 651-259-5109



15650 36TH AVE N
SUITE 110
PLYMOUTH, MN 55446
TEL (952) 346-3900
FAX (952) 346-3901
CARLSONMCCAIN.COM

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

Print Name: Dan J. Wilke
Signature: *Dan Wilke*
Date: 04/29/24 License #: 53182

Drawn: DJW
Designed: DJW
Date: 04/29/24

REV	DATE	BY	DESCRIPTION
0	04/29/2024	DJW	SUBMITTED FOR REG REVIEW
1	08/29/2024	DJW	PER CITY COMMENTS
2	08/13/2024	DJW	UPDATED FOR ILP SUBMITTAL
3	10/02/2024	DJW	PER CITY COMMENTS

VEIT & COMPANY, INC.
14000 Veit Place,
Rogers, MN 55374

VEIT MINE
ROGERS, MN

BLANDING'S TURTLE PLAN
P2 DRAWINGS

5
of
5

Appendix A
Inspections and Maintenance

INSPECTIONS

One inspection shall be completed at the Site at least once per month during active operations. The inspector shall evaluate the Site to determine that the Site is in general compliance with this Plan.

The inspector shall record the date and time of the inspections on the inspection log on the following page. Additionally, the inspector shall inspect and record the findings under each location/item listed on the inspection log. If a BMP requires maintenance or replacement, it shall be noted on the inspection log. Corrective actions taken shall be noted on the inspection log with the dates, times and party completing the maintenance activities. Omissions and additions to this Plan shall be clearly noted on the modification log. The date and time of all rainfall events greater than ½ inch in 24 hours shall also be recorded.

At least once per year the Permittee shall review the current EPA approved list of impaired waters and the TMDLs to determine if, and to what extent, the site's plan must address these impairments and TMDLs.

MAINTENANCE

All stormwater BMPs are to be maintained on an as-needed basis so as to ensure proper function. If it is determined that the effectiveness of a BMP is compromised, corrective action shall be taken within the timeframes listed in Section 3. This shall include, but is not limited to: maintenance, repair or replacement of the BMP. If corrective action cannot be taken within the allotted timeframes of discovery, additional temporary or permanent BMPs shall be implemented until the original BMP is restored. The date and time of any BMP maintenance, repair or replacement shall be noted on the maintenance log.

Construction stormwater inspection checklist

Construction Stormwater Program

Doc Type: Permitting Checklist

Note: This inspection checklist is an option for small construction sites. Large construction sites and linear projects require more extensive/more location specific inspection requirements. This inspection report does not address all aspects of the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Construction Stormwater Permit (Permit) issued on August 1, 2018. The completion of this checklist does not guarantee that all permit requirements are in compliance; it is the responsibility of the Permittee(s) to read and understand the permit requirements.

Facility information

Site name: _____
 Site address: _____ Permit number: _____
 City: _____ State: _____ Zip code: _____

Inspection information

Inspector name: _____ Phone number: _____

Organization/Company name: _____

Date (mm/dd/yyyy): _____ Time: _____ ☐ am ☐ pm

Is the inspector trained in sediment and erosion control and is it documented in the Stormwater Pollution Prevention Plan (SWPPP)?
☐ Yes ☐ No

Is this inspection routine or in response to a storm event: ☐ 7 day ☐ Rain

Rainfall amount (if applicable): _____

Is site within one aerial mile of special or impaired water that can potentially receive discharge from the site? ☐ Yes ☐ No

If yes, follow Section 23 and other applicable permit requirements.

Note: If NA is selected at any time, specify **why** in the comment area for that section.

Erosion prevention requirements (Section 8.1)

	Yes	No	NA
1. Are soils stabilized where no construction activity has occurred for 14 days (including stockpiles)? (7 days where applicable, or 24 hours during Minnesota Department of Natural Resources [DNR] Fish Spawning restrictions)	☐	☐	☐
2. Has the need to disturb steep slopes been minimized?	☐	☐	☐
3. If steep slopes are disturbed, are stabilization practices designed for steep slopes used?	☐	☐	☐
4. All ditches/swales stabilized 200' back from point of discharge or property edge within 24 hours? (Mulch, hydromulch, tackifier, or similar best management practices [BMPs] are not acceptable in ditches/swales if the slope is greater than 2%)	☐	☐	☐
5. Do pipe outlets have energy dissipation (within 24 hours of connection)?	☐	☐	☐
6. Is construction phasing being followed in accordance with the SWPPP?	☐	☐	☐
7. Are areas not to be disturbed marked off (flags, signs, etc.)?	☐	☐	☐

Comments:

Sediment control requirements (Section 9.1))

	Yes	No	NA
1. Are perimeter sediment controls installed properly on all down gradient perimeters?	☐	☐	☐
2. Are appropriate BMPs installed protecting inlets, catch basins, and culvert inlets?	☐	☐	☐
3. Is a 50 foot natural buffer preserved around all surface waters during construction?	☐	☐	☐
If No, have redundant sediment controls been installed?	☐	☐	☐
4. Do all erodible stockpiles have perimeter control in place?	☐	☐	☐
5. Is there a temporary sediment basin on site, and is it built as required in Section 14 of the permit?	☐	☐	☐
6. Is soil compaction being minimized where not designed for compaction?	☐	☐	☐
7. Is topsoil being preserved unless infeasible?	☐	☐	☐
8. If chemical flocculants are used, is there a chemical flocculant plan in place?	☐	☐	☐

Comments:

Maintenance and inspections (Section 11)

	Yes	No	NA
1. Are all previously stabilized areas maintaining ground cover?	☐	☐	☐
2. Are perimeter controls maintained and functioning properly, sediment removed when one-half full?	☐	☐	☐
3. Are inlet protection devices maintained and adequately protecting inlets?	☐	☐	☐
4. Are the temporary sediment basins being maintained and functioning properly?	☐	☐	☐
5. Are vehicle tracking BMPs at site exists in place and maintained and functioning properly?	☐	☐	☐
6. Is all tracked sediment being removed within 24 hours?	☐	☐	☐
7. Have all surface waters, ditches, conveyances, and discharge points been inspected?	☐	☐	
8. Were any discharges seen during this inspection (i.e., sediment, turbid water, or otherwise)?	☐	☐	

If yes, record the location of all points of discharge. Photograph and describe the discharge (size, color, odor, foam, oil sheen, time, etc.). Describe how the discharge will be addressed. Was the discharge a sediment delta? If yes, will the delta be recovered within seven days and in accordance with item 11.5 of the permit?

Comments:

Pollution prevention (Section 12)

	Yes	No	NA
1. Are all construction materials that can leach pollutants under cover or protected?	☐	☐	☐
2. Are hazardous materials being properly stored?	☐	☐	☐
3. Are appropriate BMPs being used to prevent discharges associated with fueling and maintenance of equipment or vehicles?	☐	☐	☐
4. Are all solid wastes being properly contained and disposed of?	☐	☐	☐
5. Is there a concrete/other material washout area on site and is it being used?	☐	☐	☐
6. Is the concrete washout area marked with a sign?	☐	☐	☐
7. Are the concrete/other material washout areas properly maintained?	☐	☐	☐

Comments:

Other

	Yes	No	NA
1. Is a copy of the SWPPP, inspection records, and training documentation located on the construction site, or can it be made available within 72 hours?	☐	☐	☐
2. Has the SWPPP been followed and implemented on site, and amended as needed?	☐	☐	☐
3. Is any dewatering occurring on site?	☐	☐	☐
If yes, what BMPs are being used to ensure that clean water is leaving the site and the discharge is not causing erosion or scour?			
4. Will a permanent stormwater management system be created for this project if required and in accordance with Section 15 of the permit (if adding an acre or more of new impervious surface)?	☐	☐	☐
If yes, describe:			
5. If infiltration/filtration systems are being constructed, are they marked and protected from compaction and sedimentation?	☐	☐	☐

6. Description of areas of non-compliance noted during the inspection, required corrective actions, and recommended date of completion of corrective actions:

7. Proposed amendments to the SWPPP:

8. Potential areas of future concern:

9. Additional comments:

Disclosures:

- After discovery, the permit requires many of the deficiencies that may be found on site be corrected within a specified period of time. See permit for more details.
- The Permittee(s) is/are responsible for the inspection and maintenance of temporary and permanent water quality management BMPs as well as erosion prevention and sediment control BMPs until another Permittee has obtained coverage under this Permit according to Section 3, or the project has met the termination conditions of the permit and a Notice of Termination has been submitted to the Minnesota Pollution Control Agency.

Appendix B
Spill Prevention and Response Plan

SPILL PREVENTION AND RESPONSE PLAN

Potential Spill Areas

- Vehicle fueling areas
- Loading and unloading areas
- Vehicle storage areas
- Vehicle maintenance areas

Material Handling Procedures

- Label all containers to show the name and type of substance, expiration date, health hazards, handling procedures and first aid considerations.
- Use filling procedures for tanks, vehicles and other equipment that minimize the risk of spills. Examples include automatic dispenser shutoffs, overfill protections, dedicated fueling areas.
- Ensure proper security for materials and equipment.

Spill Response Procedures

- Secure the area to protect all personnel and public from immediate danger.
- If possible and if it is safe to do so, attempt to contain the spill using absorbent materials, earthen berms and/or booms; and containerize impacted materials for proper disposal.
- If necessary, call 911 to alert the fire department or other emergency services.
- Contact the Facility Manager.
- If the spill is five gallons or more, the Safety and Regulatory Compliance Department will notify the Minnesota Duty Officer, and the National Response Center if required.

The Minnesota Duty Officer

651-649-5451

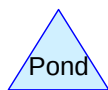
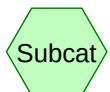
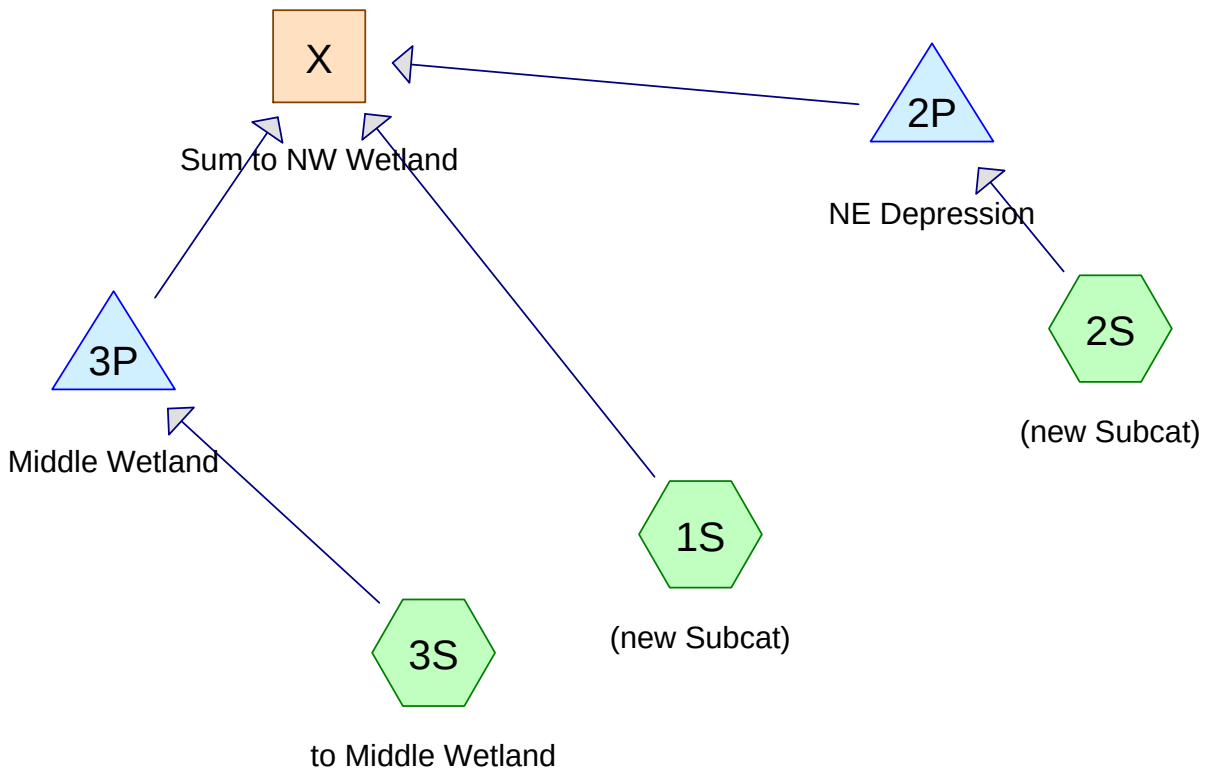
800-422-0798

The National Response Center

800-424-8802

- Contact environmental consultant for disposal options, investigation, sampling and closure requirements.

Appendix C
HydroCAD Stormwater Analysis



Routing Diagram for ExHydroCAD
 Prepared by wilk0260, Printed 1/12/2024
 HydroCAD® 10.00-26 s/n 02263 © 2020 HydroCAD Software Solutions LLC

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.755	98	Paved parking, HSG A (1S, 2S)
40.595	67	Row crops, straight row, Good, HSG A (1S, 2S, 3S)
1.986	30	Woods, Good, HSG A (1S)
2.426	80	wetland (1S, 3S)
45.762	67	TOTAL AREA

ExHydroCAD

Prepared by wilk0260

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MSE 24-hr 3 2-yr Rainfall=2.86"

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: (new Subcat)

Runoff Area=22.717 ac 1.24% Impervious Runoff Depth>0.41"
Flow Length=734' Tc=7.9 min CN=65 Runoff=13.13 cfs 0.777 af

Subcatchment2S: (new Subcat)

Runoff Area=10.844 ac 4.37% Impervious Runoff Depth>0.52"
Flow Length=644' Tc=6.4 min CN=68 Runoff=9.51 cfs 0.468 af

Subcatchment3S: to Middle Wetland

Runoff Area=12.201 ac 0.00% Impervious Runoff Depth>0.52"
Flow Length=656' Tc=9.4 min CN=68 Runoff=9.05 cfs 0.526 af

Reach X: Sum to NW Wetland

Inflow=13.13 cfs 1.027 af
Outflow=13.13 cfs 1.027 af

Pond 2P: NE Depression

Peak Elev=886.77' Storage=0.468 af Inflow=9.51 cfs 0.468 af
Outflow=0.00 cfs 0.000 af

Pond 3P: Middle Wetland

Peak Elev=904.57' Storage=0.305 af Inflow=9.05 cfs 0.526 af
Outflow=0.97 cfs 0.251 af

Total Runoff Area = 45.762 ac Runoff Volume = 1.771 af Average Runoff Depth = 0.46"
98.35% Pervious = 45.007 ac 1.65% Impervious = 0.755 ac

Summary for Subcatchment 1S: (new Subcat)

Runoff = 13.13 cfs @ 12.17 hrs, Volume= 0.777 af, Depth> 0.41"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 2-yr Rainfall=2.86"

Area (ac)	CN	Description
18.909	67	Row crops, straight row, Good, HSG A
1.986	30	Woods, Good, HSG A
* 1.541	80	wetland
0.281	98	Paved parking, HSG A
22.717	65	Weighted Average
22.436		98.76% Pervious Area
0.281		1.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	100	0.0900	0.61		Sheet Flow, Cultivated: Residue<=20% n= 0.060 P2= 2.86"
2.6	432	0.0970	2.80		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
2.6	202	0.0200	1.27		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
7.9	734	Total			

Summary for Subcatchment 2S: (new Subcat)

Runoff = 9.51 cfs @ 12.15 hrs, Volume= 0.468 af, Depth> 0.52"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 2-yr Rainfall=2.86"

Area (ac)	CN	Description
10.370	67	Row crops, straight row, Good, HSG A
0.474	98	Paved parking, HSG A
10.844	68	Weighted Average
10.370		95.63% Pervious Area
0.474		4.37% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.6	100	0.1000	0.64		Sheet Flow, Cultivated: Residue<=20% n= 0.060 P2= 2.86"
3.8	544	0.0700	2.38		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
6.4	644	Total			

Summary for Subcatchment 3S: to Middle Wetland

Runoff = 9.05 cfs @ 12.19 hrs, Volume= 0.526 af, Depth> 0.52"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 2-yr Rainfall=2.86"

Area (ac)	CN	Description
11.316	67	Row crops, straight row, Good, HSG A
* 0.885	80	wetland
12.201	68	Weighted Average
12.201		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.9	100	0.0800	0.58		Sheet Flow, Cultivated: Residue<=20% n= 0.060 P2= 2.86"
6.5	556	0.0250	1.42		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
9.4	656	Total			

Summary for Reach X: Sum to NW Wetland

Inflow Area = 45.762 ac, 1.65% Impervious, Inflow Depth > 0.27" for 2-yr event
Inflow = 13.13 cfs @ 12.17 hrs, Volume= 1.027 af
Outflow = 13.13 cfs @ 12.17 hrs, Volume= 1.027 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Summary for Pond 2P: NE Depression

Inflow Area = 10.844 ac, 4.37% Impervious, Inflow Depth > 0.52" for 2-yr event
Inflow = 9.51 cfs @ 12.15 hrs, Volume= 0.468 af
Outflow = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 886.77' @ 20.00 hrs Surf.Area= 0.778 ac Storage= 0.468 af

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	886.00'	21.920 af	Custom Stage Data (Prismatic) Listed below (Recalc)

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Prepared by wilk0260

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MSE 24-hr 3 2-yr Rainfall=2.86"

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Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
886.00	0.436	0.000	0.000
888.00	1.323	1.759	1.759
890.00	2.048	3.371	5.130
892.00	2.718	4.766	9.896
894.00	9.306	12.024	21.920

Device	Routing	Invert	Outlet Devices
#1	Primary	892.50'	30.0' long x 30.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.68 2.70 2.70 2.64 2.63 2.64 2.64 2.63

Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=886.00' (Free Discharge)↑**1=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)**Summary for Pond 3P: Middle Wetland**

Inflow Area = 12.201 ac, 0.00% Impervious, Inflow Depth > 0.52" for 2-yr event
 Inflow = 9.05 cfs @ 12.19 hrs, Volume= 0.526 af
 Outflow = 0.97 cfs @ 13.47 hrs, Volume= 0.251 af, Atten= 89%, Lag= 76.7 min
 Primary = 0.97 cfs @ 13.47 hrs, Volume= 0.251 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 904.57' @ 13.47 hrs Surf.Area= 0.615 ac Storage= 0.305 af

Plug-Flow detention time= 190.8 min calculated for 0.250 af (47% of inflow)
 Center-of-Mass det. time= 106.7 min (928.9 - 822.2)

Volume	Invert	Avail.Storage	Storage Description
#1	904.00'	1.479 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
904.00	0.449	0.000	0.000
906.00	1.030	1.479	1.479

Device	Routing	Invert	Outlet Devices
#1	Primary	904.50'	20.0' long x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.97 cfs @ 13.47 hrs HW=904.57' (Free Discharge)↑**1=Broad-Crested Rectangular Weir** (Weir Controls 0.97 cfs @ 0.67 fps)

ExHydroCAD

Prepared by wilk0260

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MSE 24-hr 3 10-yr Rainfall=4.25"

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: (new Subcat)

Runoff Area=22.717 ac 1.24% Impervious Runoff Depth>1.11"
Flow Length=734' Tc=7.9 min CN=65 Runoff=42.63 cfs 2.097 af

Subcatchment2S: (new Subcat)

Runoff Area=10.844 ac 4.37% Impervious Runoff Depth>1.29"
Flow Length=644' Tc=6.4 min CN=68 Runoff=25.90 cfs 1.167 af

Subcatchment3S: to Middle Wetland

Runoff Area=12.201 ac 0.00% Impervious Runoff Depth>1.29"
Flow Length=656' Tc=9.4 min CN=68 Runoff=25.06 cfs 1.312 af

Reach X: Sum to NW Wetland

Inflow=43.04 cfs 3.124 af
Outflow=43.04 cfs 3.124 af

Pond 2P: NE Depression

Peak Elev=887.51' Storage=1.167 af Inflow=25.90 cfs 1.167 af
Outflow=0.00 cfs 0.000 af

Pond 3P: Middle Wetland

Peak Elev=904.83' Storage=0.475 af Inflow=25.06 cfs 1.312 af
Outflow=9.76 cfs 1.028 af

Total Runoff Area = 45.762 ac Runoff Volume = 4.576 af Average Runoff Depth = 1.20"
98.35% Pervious = 45.007 ac 1.65% Impervious = 0.755 ac

Summary for Subcatchment 1S: (new Subcat)

Runoff = 42.63 cfs @ 12.16 hrs, Volume= 2.097 af, Depth> 1.11"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 10-yr Rainfall=4.25"

Area (ac)	CN	Description
18.909	67	Row crops, straight row, Good, HSG A
1.986	30	Woods, Good, HSG A
* 1.541	80	wetland
0.281	98	Paved parking, HSG A
22.717	65	Weighted Average
22.436		98.76% Pervious Area
0.281		1.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	100	0.0900	0.61		Sheet Flow, Cultivated: Residue<=20% n= 0.060 P2= 2.86"
2.6	432	0.0970	2.80		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
2.6	202	0.0200	1.27		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
7.9	734	Total			

Summary for Subcatchment 2S: (new Subcat)

Runoff = 25.90 cfs @ 12.14 hrs, Volume= 1.167 af, Depth> 1.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 10-yr Rainfall=4.25"

Area (ac)	CN	Description
10.370	67	Row crops, straight row, Good, HSG A
0.474	98	Paved parking, HSG A
10.844	68	Weighted Average
10.370		95.63% Pervious Area
0.474		4.37% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.6	100	0.1000	0.64		Sheet Flow, Cultivated: Residue<=20% n= 0.060 P2= 2.86"
3.8	544	0.0700	2.38		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
6.4	644	Total			

Summary for Subcatchment 3S: to Middle Wetland

Runoff = 25.06 cfs @ 12.18 hrs, Volume= 1.312 af, Depth> 1.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 10-yr Rainfall=4.25"

Area (ac)	CN	Description
11.316	67	Row crops, straight row, Good, HSG A
* 0.885	80	wetland
12.201	68	Weighted Average
12.201		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.9	100	0.0800	0.58		Sheet Flow,
					Cultivated: Residue<=20% n= 0.060 P2= 2.86"
6.5	556	0.0250	1.42		Shallow Concentrated Flow,
					Cultivated Straight Rows Kv= 9.0 fps
9.4	656	Total			

Summary for Reach X: Sum to NW Wetland

Inflow Area = 45.762 ac, 1.65% Impervious, Inflow Depth > 0.82" for 10-yr event
Inflow = 43.04 cfs @ 12.17 hrs, Volume= 3.124 af
Outflow = 43.04 cfs @ 12.17 hrs, Volume= 3.124 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Summary for Pond 2P: NE Depression

Inflow Area = 10.844 ac, 4.37% Impervious, Inflow Depth > 1.29" for 10-yr event
Inflow = 25.90 cfs @ 12.14 hrs, Volume= 1.167 af
Outflow = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 887.51' @ 20.00 hrs Surf.Area= 1.107 ac Storage= 1.167 af

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	886.00'	21.920 af	Custom Stage Data (Prismatic) Listed below (Recalc)

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MSE 24-hr 3 10-yr Rainfall=4.25"

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Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
886.00	0.436	0.000	0.000
888.00	1.323	1.759	1.759
890.00	2.048	3.371	5.130
892.00	2.718	4.766	9.896
894.00	9.306	12.024	21.920

Device	Routing	Invert	Outlet Devices
#1	Primary	892.50'	30.0' long x 30.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.68 2.70 2.70 2.64 2.63 2.64 2.64 2.63

Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=886.00' (Free Discharge)↑**1=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)**Summary for Pond 3P: Middle Wetland**

Inflow Area = 12.201 ac, 0.00% Impervious, Inflow Depth > 1.29" for 10-yr event
 Inflow = 25.06 cfs @ 12.18 hrs, Volume= 1.312 af
 Outflow = 9.76 cfs @ 12.40 hrs, Volume= 1.028 af, Atten= 61%, Lag= 13.5 min
 Primary = 9.76 cfs @ 12.40 hrs, Volume= 1.028 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 904.83' @ 12.40 hrs Surf.Area= 0.691 ac Storage= 0.475 af

Plug-Flow detention time= 89.2 min calculated for 1.024 af (78% of inflow)
 Center-of-Mass det. time= 36.7 min (841.2 - 804.5)

Volume	Invert	Avail.Storage	Storage Description
#1	904.00'	1.479 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
904.00	0.449	0.000	0.000
906.00	1.030	1.479	1.479

Device	Routing	Invert	Outlet Devices
#1	Primary	904.50'	20.0' long x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=9.74 cfs @ 12.40 hrs HW=904.83' (Free Discharge)↑**1=Broad-Crested Rectangular Weir** (Weir Controls 9.74 cfs @ 1.46 fps)

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MSE 24-hr 3 100-yr Rainfall=7.09"

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: (new Subcat)

Runoff Area=22.717 ac 1.24% Impervious Runoff Depth>3.02"
Flow Length=734' Tc=7.9 min CN=65 Runoff=120.59 cfs 5.724 af

Subcatchment2S: (new Subcat)

Runoff Area=10.844 ac 4.37% Impervious Runoff Depth>3.33"
Flow Length=644' Tc=6.4 min CN=68 Runoff=67.06 cfs 3.008 af

Subcatchment3S: to Middle Wetland

Runoff Area=12.201 ac 0.00% Impervious Runoff Depth>3.33"
Flow Length=656' Tc=9.4 min CN=68 Runoff=66.27 cfs 3.382 af

Reach X: Sum to NW Wetland

Inflow=152.38 cfs 8.807 af
Outflow=152.38 cfs 8.807 af

Pond 2P: NE Depression

Peak Elev=888.85' Storage=3.007 af Inflow=67.06 cfs 3.008 af
Outflow=0.00 cfs 0.000 af

Pond 3P: Middle Wetland

Peak Elev=905.39' Storage=0.904 af Inflow=66.27 cfs 3.382 af
Outflow=45.05 cfs 3.083 af

Total Runoff Area = 45.762 ac Runoff Volume = 12.114 af Average Runoff Depth = 3.18"
98.35% Pervious = 45.007 ac 1.65% Impervious = 0.755 ac

Summary for Subcatchment 1S: (new Subcat)

Runoff = 120.59 cfs @ 12.15 hrs, Volume= 5.724 af, Depth> 3.02"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 100-yr Rainfall=7.09"

Area (ac)	CN	Description
18.909	67	Row crops, straight row, Good, HSG A
1.986	30	Woods, Good, HSG A
* 1.541	80	wetland
0.281	98	Paved parking, HSG A
22.717	65	Weighted Average
22.436		98.76% Pervious Area
0.281		1.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	100	0.0900	0.61		Sheet Flow, Cultivated: Residue<=20% n= 0.060 P2= 2.86"
2.6	432	0.0970	2.80		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
2.6	202	0.0200	1.27		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
7.9	734	Total			

Summary for Subcatchment 2S: (new Subcat)

Runoff = 67.06 cfs @ 12.14 hrs, Volume= 3.008 af, Depth> 3.33"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 100-yr Rainfall=7.09"

Area (ac)	CN	Description
10.370	67	Row crops, straight row, Good, HSG A
0.474	98	Paved parking, HSG A
10.844	68	Weighted Average
10.370		95.63% Pervious Area
0.474		4.37% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.6	100	0.1000	0.64		Sheet Flow, Cultivated: Residue<=20% n= 0.060 P2= 2.86"
3.8	544	0.0700	2.38		Shallow Concentrated Flow, Cultivated Straight Rows Kv= 9.0 fps
6.4	644	Total			

Summary for Subcatchment 3S: to Middle Wetland

Runoff = 66.27 cfs @ 12.17 hrs, Volume= 3.382 af, Depth> 3.33"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 100-yr Rainfall=7.09"

Area (ac)	CN	Description
11.316	67	Row crops, straight row, Good, HSG A
* 0.885	80	wetland
12.201	68	Weighted Average
12.201		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.9	100	0.0800	0.58		Sheet Flow,
					Cultivated: Residue<=20% n= 0.060 P2= 2.86"
6.5	556	0.0250	1.42		Shallow Concentrated Flow,
					Cultivated Straight Rows Kv= 9.0 fps
9.4	656	Total			

Summary for Reach X: Sum to NW Wetland

Inflow Area = 45.762 ac, 1.65% Impervious, Inflow Depth > 2.31" for 100-yr event
Inflow = 152.38 cfs @ 12.17 hrs, Volume= 8.807 af
Outflow = 152.38 cfs @ 12.17 hrs, Volume= 8.807 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Summary for Pond 2P: NE Depression

Inflow Area = 10.844 ac, 4.37% Impervious, Inflow Depth > 3.33" for 100-yr event
Inflow = 67.06 cfs @ 12.14 hrs, Volume= 3.008 af
Outflow = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 888.85' @ 20.00 hrs Surf.Area= 1.629 ac Storage= 3.007 af

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	886.00'	21.920 af	Custom Stage Data (Prismatic) Listed below (Recalc)

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MSE 24-hr 3 100-yr Rainfall=7.09"

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Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
886.00	0.436	0.000	0.000
888.00	1.323	1.759	1.759
890.00	2.048	3.371	5.130
892.00	2.718	4.766	9.896
894.00	9.306	12.024	21.920

Device	Routing	Invert	Outlet Devices
#1	Primary	892.50'	30.0' long x 30.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.68 2.70 2.70 2.64 2.63 2.64 2.64 2.63

Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=886.00' (Free Discharge)↑**1=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)**Summary for Pond 3P: Middle Wetland**

Inflow Area = 12.201 ac, 0.00% Impervious, Inflow Depth > 3.33" for 100-yr event
 Inflow = 66.27 cfs @ 12.17 hrs, Volume= 3.382 af
 Outflow = 45.05 cfs @ 12.27 hrs, Volume= 3.083 af, Atten= 32%, Lag= 5.8 min
 Primary = 45.05 cfs @ 12.27 hrs, Volume= 3.083 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 905.39' @ 12.27 hrs Surf.Area= 0.853 ac Storage= 0.904 af

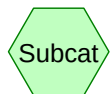
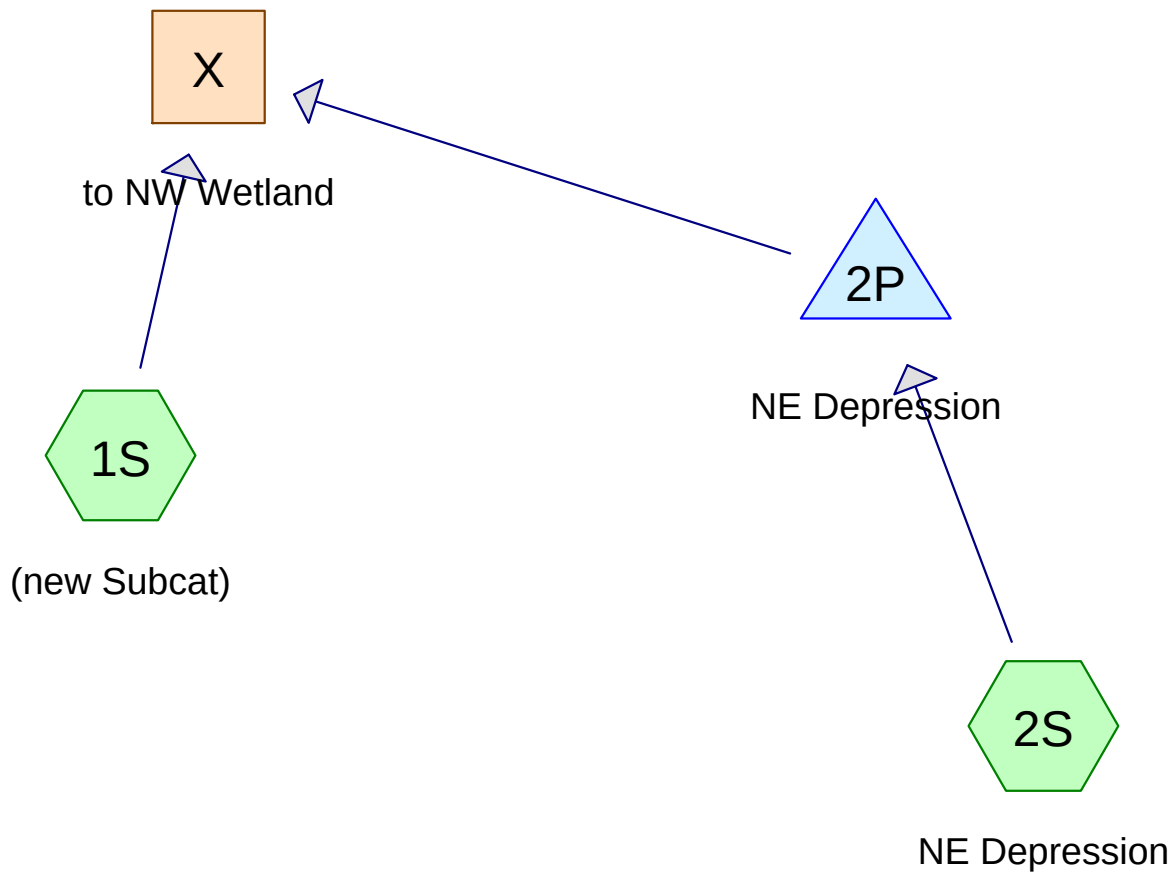
Plug-Flow detention time= 47.8 min calculated for 3.073 af (91% of inflow)
 Center-of-Mass det. time= 19.9 min (808.6 - 788.7)

Volume	Invert	Avail.Storage	Storage Description
#1	904.00'	1.479 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
904.00	0.449	0.000	0.000
906.00	1.030	1.479	1.479

Device	Routing	Invert	Outlet Devices
#1	Primary	904.50'	20.0' long x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

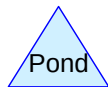
Primary OutFlow Max=44.39 cfs @ 12.27 hrs HW=905.38' (Free Discharge)↑**1=Broad-Crested Rectangular Weir** (Weir Controls 44.39 cfs @ 2.52 fps)



Subcat



Reach



Pond



Link

Routing Diagram for RecHydroCAD
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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
41.978	61	>75% Grass cover, Good, HSG B (1S, 2S)
0.755	98	Paved parking, HSG B (1S, 2S)
1.488	30	Woods, Good, HSG A (1S)
1.541	80	wetlands (1S)
45.762	61	TOTAL AREA

RecHydroCAD

Prepared by wilk0260

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MSE 24-hr 3 2-yr Rainfall=2.86"

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN

Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: (new Subcat)Runoff Area=43.437 ac 0.80% Impervious Runoff Depth>0.28"
Flow Length=1,553' Tc=27.9 min CN=61 Runoff=7.83 cfs 1.024 af**Subcatchment2S: NE Depression**Runoff Area=2.325 ac 17.59% Impervious Runoff Depth>0.52"
Flow Length=622' Tc=10.8 min CN=68 Runoff=1.64 cfs 0.100 af**Reach X: to NW Wetland**Inflow=7.83 cfs 1.024 af
Outflow=7.83 cfs 1.024 af**Pond 2P: NE Depression**Peak Elev=888.49' Storage=0.100 af Inflow=1.64 cfs 0.100 af
Outflow=0.00 cfs 0.000 af**Total Runoff Area = 45.762 ac Runoff Volume = 1.125 af Average Runoff Depth = 0.29"**
98.35% Pervious = 45.007 ac 1.65% Impervious = 0.755 ac

Summary for Subcatchment 1S: (new Subcat)

Runoff = 7.83 cfs @ 12.54 hrs, Volume= 1.024 af, Depth> 0.28"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 2-yr Rainfall=2.86"

Area (ac)	CN	Description
40.062	61	>75% Grass cover, Good, HSG B
1.488	30	Woods, Good, HSG A
0.346	98	Paved parking, HSG B
* 1.541	80	wetlands
43.437	61	Weighted Average
43.091		99.20% Pervious Area
0.346		0.80% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.1	84	0.0830	0.27		Sheet Flow, Grass: Short n= 0.150 P2= 2.86"
0.6	119	0.2000	3.13		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
22.2	1,350	0.0210	1.01		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
27.9	1,553	Total			

Summary for Subcatchment 2S: NE Depression

Runoff = 1.64 cfs @ 12.21 hrs, Volume= 0.100 af, Depth> 0.52"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 2-yr Rainfall=2.86"

Area (ac)	CN	Description
1.916	61	>75% Grass cover, Good, HSG B
0.409	98	Paved parking, HSG B
2.325	68	Weighted Average
1.916		82.41% Pervious Area
0.409		17.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.3	100	0.0700	0.27		Sheet Flow, Grass: Short n= 0.150 P2= 2.86"
4.5	522	0.0750	1.92		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
10.8	622	Total			

Summary for Reach X: to NW Wetland

Inflow Area = 45.762 ac, 1.65% Impervious, Inflow Depth > 0.27" for 2-yr event
 Inflow = 7.83 cfs @ 12.54 hrs, Volume= 1.024 af
 Outflow = 7.83 cfs @ 12.54 hrs, Volume= 1.024 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Summary for Pond 2P: NE Depression

Inflow Area = 2.325 ac, 17.59% Impervious, Inflow Depth > 0.52" for 2-yr event
 Inflow = 1.64 cfs @ 12.21 hrs, Volume= 0.100 af
 Outflow = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 888.49' @ 20.00 hrs Surf.Area= 0.227 ac Storage= 0.100 af

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	888.00'	1.575 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
888.00	0.181	0.000	0.000
890.00	0.368	0.549	0.549
892.00	0.658	1.026	1.575

Device	Routing	Invert	Outlet Devices
#1	Primary	891.50'	10.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=888.00' (Free Discharge)

↑**1=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

RecHydroCAD

Prepared by wilk0260

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MSE 24-hr 3 10-yr Rainfall=4.25"

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN

Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: (new Subcat)Runoff Area=43.437 ac 0.80% Impervious Runoff Depth>0.87"
Flow Length=1,553' Tc=27.9 min CN=61 Runoff=32.78 cfs 3.165 af**Subcatchment2S: NE Depression**Runoff Area=2.325 ac 17.59% Impervious Runoff Depth>1.29"
Flow Length=622' Tc=10.8 min CN=68 Runoff=4.58 cfs 0.250 af**Reach X: to NW Wetland**Inflow=32.78 cfs 3.165 af
Outflow=32.78 cfs 3.165 af**Pond 2P: NE Depression**Peak Elev=889.08' Storage=0.250 af Inflow=4.58 cfs 0.250 af
Outflow=0.00 cfs 0.000 af**Total Runoff Area = 45.762 ac Runoff Volume = 3.415 af Average Runoff Depth = 0.90"**
98.35% Pervious = 45.007 ac 1.65% Impervious = 0.755 ac

Summary for Subcatchment 1S: (new Subcat)

Runoff = 32.78 cfs @ 12.46 hrs, Volume= 3.165 af, Depth> 0.87"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 10-yr Rainfall=4.25"

Area (ac)	CN	Description
40.062	61	>75% Grass cover, Good, HSG B
1.488	30	Woods, Good, HSG A
0.346	98	Paved parking, HSG B
* 1.541	80	wetlands
43.437	61	Weighted Average
43.091		99.20% Pervious Area
0.346		0.80% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.1	84	0.0830	0.27		Sheet Flow, Grass: Short n= 0.150 P2= 2.86"
0.6	119	0.2000	3.13		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
22.2	1,350	0.0210	1.01		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
27.9	1,553	Total			

Summary for Subcatchment 2S: NE Depression

Runoff = 4.58 cfs @ 12.20 hrs, Volume= 0.250 af, Depth> 1.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 10-yr Rainfall=4.25"

Area (ac)	CN	Description
1.916	61	>75% Grass cover, Good, HSG B
0.409	98	Paved parking, HSG B
2.325	68	Weighted Average
1.916		82.41% Pervious Area
0.409		17.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.3	100	0.0700	0.27		Sheet Flow, Grass: Short n= 0.150 P2= 2.86"
4.5	522	0.0750	1.92		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
10.8	622	Total			

Summary for Reach X: to NW Wetland

Inflow Area = 45.762 ac, 1.65% Impervious, Inflow Depth > 0.83" for 10-yr event
 Inflow = 32.78 cfs @ 12.46 hrs, Volume= 3.165 af
 Outflow = 32.78 cfs @ 12.46 hrs, Volume= 3.165 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Summary for Pond 2P: NE Depression

Inflow Area = 2.325 ac, 17.59% Impervious, Inflow Depth > 1.29" for 10-yr event
 Inflow = 4.58 cfs @ 12.20 hrs, Volume= 0.250 af
 Outflow = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 889.08' @ 20.00 hrs Surf.Area= 0.282 ac Storage= 0.250 af

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	888.00'	1.575 af	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
888.00	0.181	0.000	0.000
890.00	0.368	0.549	0.549
892.00	0.658	1.026	1.575

Device	Routing	Invert	Outlet Devices
#1	Primary	891.50'	10.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=888.00' (Free Discharge)

↑ **1=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

RecHydroCAD

Prepared by wilk0260

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MSE 24-hr 3 100-yr Rainfall=7.09"

Printed 1/12/2024

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN

Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: (new Subcat)Runoff Area=43.437 ac 0.80% Impervious Runoff Depth>2.61"
Flow Length=1,553' Tc=27.9 min CN=61 Runoff=109.26 cfs 9.451 af**Subcatchment2S: NE Depression**Runoff Area=2.325 ac 17.59% Impervious Runoff Depth>3.32"
Flow Length=622' Tc=10.8 min CN=68 Runoff=12.03 cfs 0.644 af**Reach X: to NW Wetland**Inflow=109.26 cfs 9.451 af
Outflow=109.26 cfs 9.451 af**Pond 2P: NE Depression**Peak Elev=890.25' Storage=0.644 af Inflow=12.03 cfs 0.644 af
Outflow=0.00 cfs 0.000 af**Total Runoff Area = 45.762 ac Runoff Volume = 10.096 af Average Runoff Depth = 2.65"**
98.35% Pervious = 45.007 ac 1.65% Impervious = 0.755 ac

Summary for Subcatchment 1S: (new Subcat)

Runoff = 109.26 cfs @ 12.42 hrs, Volume= 9.451 af, Depth> 2.61"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 100-yr Rainfall=7.09"

Area (ac)	CN	Description
40.062	61	>75% Grass cover, Good, HSG B
1.488	30	Woods, Good, HSG A
0.346	98	Paved parking, HSG B
* 1.541	80	wetlands
43.437	61	Weighted Average
43.091		99.20% Pervious Area
0.346		0.80% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.1	84	0.0830	0.27		Sheet Flow, Grass: Short n= 0.150 P2= 2.86"
0.6	119	0.2000	3.13		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
22.2	1,350	0.0210	1.01		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
27.9	1,553	Total			

Summary for Subcatchment 2S: NE Depression

Runoff = 12.03 cfs @ 12.19 hrs, Volume= 0.644 af, Depth> 3.32"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 100-yr Rainfall=7.09"

Area (ac)	CN	Description
1.916	61	>75% Grass cover, Good, HSG B
0.409	98	Paved parking, HSG B
2.325	68	Weighted Average
1.916		82.41% Pervious Area
0.409		17.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.3	100	0.0700	0.27		Sheet Flow, Grass: Short n= 0.150 P2= 2.86"
4.5	522	0.0750	1.92		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
10.8	622	Total			

Summary for Reach X: to NW Wetland

Inflow Area = 45.762 ac, 1.65% Impervious, Inflow Depth > 2.48" for 100-yr event
 Inflow = 109.26 cfs @ 12.42 hrs, Volume= 9.451 af
 Outflow = 109.26 cfs @ 12.42 hrs, Volume= 9.451 af, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Summary for Pond 2P: NE Depression

Inflow Area = 2.325 ac, 17.59% Impervious, Inflow Depth > 3.32" for 100-yr event
 Inflow = 12.03 cfs @ 12.19 hrs, Volume= 0.644 af
 Outflow = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 890.25' @ 20.00 hrs Surf.Area= 0.404 ac Storage= 0.644 af

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	888.00'	1.575 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
888.00	0.181	0.000	0.000
890.00	0.368	0.549	0.549
892.00	0.658	1.026	1.575

Device	Routing	Invert	Outlet Devices
#1	Primary	891.50'	10.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=888.00' (Free Discharge)

↑ **1=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

Appendix D
MNG49 General Permit

National Pollutant Discharge Elimination System/State Disposal System**MNG490000**

Permittee: Multiple
Facility name: Nonmetallic Mining/Associated Activities General Permit
Issuance date: June 10, 2022
Expiration date: May 31, 2027

The Permittee is an owner or operator of facilities within the boundary of the state of Minnesota that:

- a. Discharge stormwater to waters of the state, including groundwater, from the construction sand and gravel, industrial sand, dimension stone, crushed and broken limestone, crushed and broken granite, crushed and broken stone (not elsewhere classified) mining and quarrying areas, asphalt production areas, (including portable asphalt plants), concrete block and brick, concrete products (other than block and brick), and ready-mix concrete, as well as aggregate dredging operations and uncontaminated asphalt and concrete rubble recycling at sites already listed.
- b. Discharge mine site dewatering to waters of the state, including groundwater, from construction sand and gravel, industrial sand, dimension stone, crushed and broken limestone, crushed and broken granite, and crushed and broken stone (not elsewhere classified) mining and quarrying areas.
- c. Non-stormwater discharges that meet the requirements of this permit and occur at the above-mentioned facilities.

The state of Minnesota, on behalf of its citizens through the Minnesota Pollution Control Agency (MPCA), authorizes the Permittee to construct, install and operate a disposal system at the facilities named above and to discharge to a receiving water of the state of Minnesota in accordance with the requirements of this permit.

The goal of this permit is to reduce pollutant levels in point source discharges and protect water quality in accordance with the U.S. Clean Water Act, Minnesota statutes and rules, and federal laws and regulations.

This permit is effective on the issuance date identified above. This permit expires at midnight on the expiration date identified above.

Signature: *Elise M. Doucette*

This document has been electronically signed.

Elise M. Doucette, Supervisor
Water Section
Industrial Division

for the Minnesota Pollution Control Agency

Submit eDMRs

Submit via the MPCA e-Services at
https://rsp.pca.state.mn.us/TEMPO_RSP/Orchestrate.do?initiate=true

Submit WQ reports to:

Electronically: wq.submittals.mPCA@state.mn.us

Include *Water quality submittals form*:

<https://www.pca.state.mn.us/sites/default/files/wq-wwprm7-71.docx>

Questions on this permit?

For eDMR and other permit reporting issues, use the directory listed at the bottom of the DMR page:

<https://www.pca.state.mn.us/water/discharge-monitoring-reports>

For specific permit requirements, contact your compliance staff:

<https://www.pca.state.mn.us/water/wastewater-compliance->

Or, by mail:

Attention: WQ Submittals Center
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

*Whole Effluent Testing (WET) and Pretreatment Annual Reports
must be mailed to the WQ Submittals Center*

[and-enforcement-staff-contacts](#)

Wastewater Permit Program general questions, contact:
MPCA, 651-282-6143 or 1-800-657-3938.

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1. Summary of stations and station locations

Station	Type of station	Local name	PLS location
LA 001	MNG49 Wastewater	Stormwater and/or Washwater Contained on Site	T29N, R22W, S32, NW Quarter
SD 001	MNG49 Stormwater, Non-specific	Subsector J1, J2 & D1 Industrial Stormwater	T29N, R22W, S32, NW Quarter
SD 002	MNG49 Stormwater, Non-specific	Subsector E2 Industrial Stormwater	T29N, R22W, S32, NW Quarter
SD 003	MNG49 Dewatering	SIC 1442 Dewatering	T29N, R22W, S32, NW Quarter
SD 004	MNG49 Dewatering	SIC 1446 Dewatering	T29N, R22W, S32, NW Quarter
SD 005	MNG49 Dewatering	SUBSECTOR J2 Dewatering	T29N, R22W, S32, NW Quarter

2. Permit requirements

SD 001	MNG49 Stormwater, Non-specific	
		Surface Discharge: MNG49 Subsectors D1, J1, J2
	5.1.1	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
SD 002	MNG49 Stormwater, Non-specific	
		Surface Discharge: MNG49 Subsector E2
	5.2.1	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
SD 003	MNG49 Dewatering	
		Surface Discharge: MNG49 Dewatering from Construction Sand and Gravel (1442)
	5.3.1	The Permittee shall submit a quarterly DMR : Due by 21 days after the end of each calendar quarter following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
	5.3.2	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
SD 004	MNG49 Dewatering	
		Surface Discharge: MNG49 Dewatering from Industrial Sand Mining (1446)
	5.4.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001]
	5.4.2	Parameters that have a monitoring frequency of once per quarter and an effective period of Mar, June, Sept, Dec may be collected any time during that quarter. The sample data must be reported on the March, June, September, and December DMRs. [Minn. R. 7001]
	5.4.3	Parameters that have a monitoring frequency of once per year and an effective period of Dec may be collected any time during the calendar year. The sample data must be reported on the DMRs. [Minn. R. 7001]
SD 005	MNG49 Dewatering	
		Surface Discharge: MNG49 Dewatering from Subsector J2 (1411, 1422, 1423, 1429)
	5.5.1	The Permittee shall submit a quarterly DMR : Due by 21 days after the end of each calendar quarter following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
	5.5.2	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
MNG490000	Nonmetallic Mining/Associated Activities General Permit	
		Non-Metallic Mining and Associated Activities General Permit Requirements
	5.6.1	Applicability. [Minn. R. 7001]
	5.6.2	This permit authorizes stormwater discharges associated with the following industrial activities: A. Construction sand and gravel (Standard Industrial Classification [SIC] Code 1442) and industrial sand mining areas (SIC Code 1446) - hereinafter Subsector J1.

		B. Dimension stone (SIC Code 1411), crushed and broken limestone (SIC Code 1422), crushed and broken granite (SIC Code 1423), crushed and broken stone (not elsewhere classified, SIC Code 1429) mining and quarrying areas - Subsector J2. C. Asphalt production areas, also known as asphalt paving mixtures and blocks (SIC Code 2951), including portable asphalt plants - Subsector D1. D. Concrete block and brick (SIC Code 3271), concrete products other than block and brick (SIC Code 3272), and ready-mix concrete (SIC Code 3273), including portable concrete plants - Subsector E2. E. Recycling and storage of materials approved in Minn. R. 7035.2860 (Beneficial Use of Solid Waste) at sites engaged in facility activities associated with all SIC Codes listed in A. through D. above. F. Activities associated with the above facilities noted, including maintenance activities and facilities, unless otherwise prohibited in this permit. This Permit authorizes stormwater discharges associated with construction activity and small construction activity, as defined in 40 CFR parts 122.26(b)(14)(x) and (b)(15), respectively. The Permittee shall comply with the "Stormwater Discharge Design Requirements" chapter and the "Construction Activity Requirements" chapter of the MPCA Construction Stormwater (CSW) NPDES general permit (https://www.pca.state.mn.us/sites/default/files/wq-strm2-68a.pdf) when conducting construction activity and small construction activity. Earth disturbing activities conducted as a normal part of post-construction use of the permitted facility do not trigger the need for CSW permit coverage. The earth disturbing activity has to be part of a project to build, demolish, or replace a structure (e.g., building, road, pad, pipeline, transmission line) to trigger the need to comply with the CSW permit. Earth disturbance that is a normal part of the long-term use or maintenance of the property is not "active construction" and does not trigger the need for CSW permit coverage. [Minn. R. 7001]
	5.6.3	This permit authorizes non-stormwater discharges to surface waters of the state from dewatering of mine or quarry areas at J1 and J2 Subsectors that meet the effluent limits and requirements in this permit. "Mine Pit Dewatering" means any water that is impounded or that collects in the mine and is pumped from the mine through the efforts of the mine operator. Uncontaminated groundwater and stormwater collecting in a low area in which there is a stormwater outlet for stormwater/seepage/drainage by gravity overflow shall not be considered mine pit dewatering. However, if a mine is also used for treatment of process generated wastewater, discharges of commingled water from the facilities shall be deemed discharge of process generated wastewater and is not authorized under this permit. [Minn. R. 7001]
	5.6.4	This permit authorizes non-stormwater discharges that do not discharge to a surface water of the state provided these discharges are not already authorized in a separate NPDES/SDS permit. Non-stormwater that co-mingles with stormwater is considered a non-stormwater discharge (wastewater) and must be managed compliant with this Permit. To be authorized under this permit, the following discharges must be collected, contained or infiltrate into the ground and Best Management Practices must be implemented to prevent contamination of groundwater: A. Aggregate wash water from Subsector J1 and J2 facilities. B. Dredging operations from Subsector J1 and J2 facilities. C. Installation, construction, and operation of wet scrubbers at asphalt production areas, including portable asphalt plants (Subsector D1). D. Washing trucks, mixers, transport buckets, forms and/or other equipment at concrete block and brick, concrete products other than block and brick, and ready-mix concrete facilities (Subsector E2). E. Uncontaminated scale deck wash water that does not use detergents, solvents, or degreasers. F. Stormwater and deck wash water collected in holding tanks under scales. G. Wash water associated with cleaning of mobile equipment that does not use detergents,

		solvents, or degreasers. H. Waters used for sawing stone or dust control on crushers, conveyors, associated equipment, stockpiles, and site roadways. I. Boiler blowdown and reverse osmosis reject. J. Low or high pressure steam curing. K. Noncontact cooling water used for dryer, pump, and air compressor cooling. For wastewater discharges listed above, see the Technology Based Effluent Limits - Non-Stormwater Discharges section of this permit for Wastewater Basin Design and Construction Requirements for newly constructed basins as of the issuance date of this permit. [Minn. R. 7001]
	5.6.5	This permit authorizes non-stormwater discharges provided these discharges are not already authorized in a separate NPDES/SDS permit and that appropriate Best Management Practices are utilized to minimize erosion and the discharges of sediment when necessary: A. Emergency fire-fighting activities. B. Fire hydrant and fire suppression system flushing. C. Potable water line flushing. D. Uncontaminated condensate from air conditioners, coolers, and other compressors and from the outside storage of refrigerated gases or liquids. E. Landscape watering provided all pesticides, herbicides and fertilizers have been applied in accordance with manufacturer's instructions. F. Pavement wash waters where no detergents are used and no spills or leaks of potential pollutants such as fertilizers, salts, or toxic and hazardous materials have occurred unless all spilled material has been removed. G. Routine external building wash down that does not use detergents, solvents, or degreasers. H. Uncontaminated groundwater or spring water. I. Foundation or footing drains where flows are not contaminated. J. Incident windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but not intentional discharges from the cooling tower (e.g. 'piped' cooling tower blowdown or drains). [Minn. R. 7001]
	5.6.6	Not all activities covered by this permit will be conducted at each site covered under this permit. Therefore, only those provisions of this permit that address activities occurring at a particular site are applicable to that site. [Minn. R. 7001]
	5.6.7	Activities Not Covered/Limitations on Coverage. [Minn. R. 7001]
	5.6.8	This permit does not authorize the discharge from the following activities except as authorized in the Applicability Section of this permit: A. Dewatering of mine or quarry areas other than those under Subsector J1 and J2. B. Surface water discharges of scrubber or other air emissions control wastewater, cooling or boiler wastewater, floor drains from process areas, equipment/vehicle washing, cleaning and maintenance wastewaters, and sewage. C. Contaminated groundwater discharges. D. Petroleum refinement. E. Manufacturing of asphalt or asphalt emulsions. F. Industrial sand mines (SIC 1446) that utilize HF flotation. G. Dredging or filling of wetlands or other surface waters of the state. H. Discharges of hazardous substances, lubricants, fuel leaks, or fuel spills. I. Sites for which Environmental Assessment Worksheets or Environmental Impact Statements are required by Minn. R. ch. 116D and/or 42 U.S.C. Sec 4321 - 4370f, until that environmental review is completed. [Minn. R. 7001]
	5.6.9	This permit does not authorize new or expanded discharges that the MPCA determines are or may be discharged at a level which will cause, have thereasonable potential to cause, or contribute to a violation of water quality standards consistent with the requirements of 40 CFR 122.4(i) and 122.44(d)(1)(i). This includes the discharge to groundwater where pollutants

		in the discharge reach surface waters and exceed applicable surface water quality standards. [40 CFR pt. 122, 4(i)]
	5.6.10	This permit does not authorize existing discharges that the MPCA determines are or may be discharged at a level which will cause, have the reasonable potential to cause, or contribute to a violation of water quality standards consistent with the requirements of 40 CFR 122.44. This includes the discharge to groundwater where pollutants in the discharge reach surface waters and exceed applicable surface water quality standards. [40 CFR pt. 122, 44]
	5.6.11	This permit does not authorize discharges that adversely impact or contribute to adverse impacts on a listed endangered or threatened species or adversely modify a designated critical habitat. This permit does not replace or satisfy any review requirements for endangered or threatened species, from new or expanded discharges that adversely impact or contribute to adverse impacts on a listed endangered or threatened species or adversely modify a designated critical habitat. The owner must conduct any required review and coordinate with appropriate agencies for any project with the potential of affecting endangered or threatened species, or their critical habitat. [Minn. R. 7001]
	5.6.12	This permit does not authorize discharges which adversely affect properties listed or eligible for listing in the National Register of Historic Places or affecting known or discovered archeological sites. This permit does not replace or satisfy any review requirements for historic places or archeological sites, from new or expanded discharges which adversely affect properties listed or eligible for listing in the National Register of Historic Places or affecting known or discovered archeological sites. The owner must be in compliance with the National Historic Preservation Act and conduct all required review and coordination related to historic preservation, including significant anthropological sites and any burial sites, with the Minnesota Historic Preservation Officer. [Minn. R. 7001]
	5.6.13	Facilities located within the exterior boundaries of an Indian reservation must apply to the U.S. EPA for coverage under the multi-sector general permit or for an individual permit. Note: "Indian country is defined under 18 USC Â§1151 and includes all lands within the exterior boundaries of federally recognized Indian reservations and on lands held in federal trust status. Facilities that currently do not have storm water discharge permit coverage and are located within Indian Country shall contact the United States Environmental Protection Agency (EPA) to apply for permit coverage. For existing discharges covered under a NPDES permit from EPA, discharges will continue to be covered by a NPDES permit. Dischargers that previously held permit coverage under previous versions of this permit after September 30, 2001, are no longer eligible for coverage under this permit and must contact EPA to apply for permit coverage." [Minn. R. 7001]
	5.6.14	This permit does not authorize discharges to calcareous fens listed in Minn. R. 7050.0335. [Minn. R. 7007.0335]
	5.6.15	Mine site dewatering discharges from Subsectors J1 and J2 that discharge directly to the following receiving waters are not authorized by this permit: A. Outstanding Resource Value Waters (ORVWs) as defined by Minnesota Rules 7050.0335 and as listed in Minnesota Rules 7050.0470; B. Department of Natural Resources (DNR)-designated trout waters (trout waters are designated in Minn. R. 6264.0050, subp. 2 and 4); and C. DNR-posted fish-spawning areas. [Minn. R. 6264.0125]
	5.6.16	Authorization. [Minn. R. 7001]
	5.6.17	Permit Application. Owners and operators of a site or sites with covered facility activities identified in this permit, and who provide a complete and approvable application for a permit, are eligible for coverage under this permit for those activities. [Minn. R. 7001]
	5.6.18	Notice of Coverage. [Minn. R. 7001]
	5.6.19	Permittees requesting initial coverage are covered under this permit when the MPCA notifies them in writing of this coverage. [Minn. R. 7001]
	5.6.20	Additional sites may be covered under this permit provided that the new site(s) meet all

		applicability criteria of this permit and that all information required by the Site Inventory Report Form is submitted to the MPCA at least 10 days prior to initiation of land-disturbing activities at the new site(s) or initiation of operation at a previously developed site. [Minn. R. 7001]
	5.6.21	Requiring an Individual Permit. [Minn. R. 7001]
	5.6.22	If the MPCA finds that the facility site of a permit applicant or a Permittee covered under this permit would be more appropriately covered under an individual permit, the MPCA may require an individual permit for the applicant or the Permittee, in accordance with Minn. R. 7001.0210, subp. 6. In considering whether it is appropriate to issue an individual permit for a site, the MPCA will consider whether the site is contributing, or may contribute, to a water quality standard violation. Any interested person may petition the MPCA commissioner to take action under 40 CFR Â§ 122.28(b)(3)(i) to require a facility covered by the general permit to apply for and obtain an individual permit. [Minn. R. 7001.0210, subp. 6]
	5.6.23	This general permit does not cover activities or discharges covered under a pre-existing individual permit unless the MPCA has specifically revoked or terminated that individual permit. [Minn. R. 7001]
	5.6.24	This general permit does not cover industrial sand mining activities (SIC Code 1446) that: A. Meet or exceed the thresholds for mandatory environmental review and the MPCA determines the operations, emissions, activities, discharges, or facilities of the permit applicant or permittee have characteristics creating the potential for significant environmental effects; or B. The MPCA determines the need for site-specific permit requirements including, but not limited to, groundwater monitoring, additional surface discharge monitoring, hydrogeological study, etc. which are beyond those contained in this permit in order to protect waters of the state. If the MPCA determines that A or B apply, a permit applicant or Permittee shall obtain coverage under an individual permit for the facility site. Sites that are required to obtain individual permit coverage, at the Permittee's request, may be reviewed for general permit eligibility following the first full term of individual permit coverage. [Minn. R. 7001]
	5.6.25	Notice of Temporarily Inactive Site(s). [Minn. R. 7001]
	5.6.26	The Permittee(s) must ensure that permanent stormwater Best Management Practices (BMPs) are in place if the site is temporarily inactive. [Minn. R. 7001]
	5.6.27	During the temporarily inactive period, intervention limit monitoring is not required, but the Permittee must indicate on the Comments field of the Discharge Monitoring Report the inactivity. Should the site become active, the Permittee is required to sample in accordance with the Monitoring Requirements section of the permit for the calendar year the site becomes active. [Minn. R. 7001]
	5.6.28	Notice of Inactive Site(s). [Minn. R. 7001]
	5.6.29	The Permittee(s) must ensure stabilization of the site upon cessation of mining activities. Stabilization shall be initiated immediately after the termination of the mining operation and upon completion the area shall be restored to its intended state. [Minn. R. 7001]
	5.6.30	The Permittee(s) must complete the following to achieve final stabilization: A. The drainage ways that leave the site must be stabilized to prevent erosion with riprap or other protective material. B. All soils must be stabilized by a uniform perennial vegetative cover with a density of 70 percent over the entire pervious surface area, or other equivalent means necessary to prevent soil failure under erosive conditions. C. Temporary BMPs for erosion prevention, such as synthetic liners and silt fences, must be removed. BMPs designed to decompose on site (such as some compost logs) may be left in place.

		D. All sediment must be removed from conveyances and from temporary sedimentation basins that are to be used as permanent water quality management basins in order to sufficiently return the basin to design capacity. Sediment must be stabilized to prevent it from being washed back into the basin, conveyances or drainage-ways discharging off-site or to surface waters. E. Other BMPs as necessary must be implemented so as to prevent erosion from the site excavation areas and stockpiles that have been used by the Permittee. [Minn. R. 7001]
	5.6.31	In order to have permit coverage terminated and have the Permittee released from inspection, recording and reporting requirements, the Permittee shall ensure and certify on the Site Inventory Form for site(s) where the Permittee no longer conducts the activities authorized by this permit that: A. The site closure achieves final stabilization requirements; or B. There is no longer a discharge of pollutants to waters of the state, including groundwater, from activities covered by this permit; or C. The Permittee supplies the name and contact information for the owner or operator that is responsible for the site. [Minn. R. 7001]
	5.6.32	Water Quality Based Effluent Limits. [Minn. R. 7001]
	5.6.33	A wastewater discharge shall not cause or contribute to a violation of water quality standards unless the discharge meets all requirements of 40 CFR 122.44. [40 CFR pt. 122, 44]
	5.6.34	The Permittee shall operate and maintain the facility and shall control runoff, including stormwater, from the facility to prevent the exceedance of water quality standards specified in Minnesota Rules, chs. 7050 and 7060. [Minn. R. 7050, Minn. R. 7060]
	5.6.35	The Permittee shall limit and control the use of materials at the facility that may cause exceedances of surface water and groundwater standards specified in Minnesota Rules, chs. 7050 and 7060. These materials include, but are not limited to, detergents and cleaning agents, solvents, chemical dust suppressants, lubricants, fuels, drilling fluids, oils, fertilizers, explosives and blasting agents. [Minn. R. 7050, Minn. R. 7060]
	5.6.36	The MPCA may modify this permit, require corrective actions or take other actions if it determines that a discharge authorized by this permit is causing or contributing to a violation of water quality standards. [Minn. R. 7001]
	5.6.37	Floating solids or visible foam shall not be discharged in other than trace amounts. [Minn. R. 7001]
	5.6.38	Oil or other substances shall not be discharged in amounts that create a visible color film. [Minn. R. 7001]
	5.6.39	Any outlet pipe, culvert or hose outlets for the discharge shall be located at ground level. The Permittee shall install and maintain outlet protection measures, such as properly sized riprap, splash pads or gabions at the discharge stations (outlets) to prevent erosion. [Minn. R. 7001]
	5.6.40	All water from dewatering or basin draining activities must be discharged in a manner that does not cause nuisance conditions, flooding on nearby properties, erosion in receiving channels or on downslope properties, or inundation in a wetland causing adverse impact to the wetland. [Minn. R. 7001]
	5.6.41	Special Requirements. [Minn. R. 7001]
	5.6.42	For stormwater discharges with a discharge location that flows to and is within one mile of Outstanding Resource Value Waters (ORVWs) as defined in Minn. R. 7050.0335, subp. 1, 2, 3, and 4 (not including calcareous fens listed in Minn. R. 7050.0335 & Minn. R. 7050.0470) and trout waters as listed in Minn. R. 6264.0050, subp. 2 and 4: A. The Permittee shall develop and implement stormwater control measures, including BMPs that restrict the facility industrial stormwater discharges to the extent necessary to preserve the existing high quality, or to preserve the wilderness, scientific, recreational, or other special characteristics that make the water an Outstanding Resource Value Water. In addition, a stormwater intervention limit value of 65 mg/L for Solids, Total Suspended (TSS) applies to the discharge at a stormwater monitoring location, instead of 100 mg/L as specified in the 'Stormwater Limits and Monitoring Intervention Limits' section of this Permit. If the Permittee

		has a waiver from the requirements to conduct benchmark monitoring in accordance with the Technology Based Effluent Limits - Stormwater Discharges section of this permit, the benchmark value does not apply. B. If the discharge is to a trout stream, BMPs shall also be designed and implemented to protect the water quality from excess temperature increases. C. If the discharge is to a trout lake, BMPs shall also be designed and implemented to protect the water quality from excess phosphorus increases. D. If the discharge is to a wetland, the Permittee shall also comply with the requirements of Minn. R. 7050.0186 WETLAND STANDARDS AND MITIGATION. [Minn. R. 7050]
	5.6.43	If the site has any stormwater discharges with the potential for significant adverse impacts to a wetland (e.g., conversion of a natural wetland to a stormwater pond), the Permittee must demonstrate that the wetland mitigative sequence has been followed prior to the impacts to the wetland. [Minn. R. 7001]
	5.6.44	If the potential adverse impacts to a wetland on a specific site have been addressed by permits or other approvals from an official statewide program (U.S. Army Corps of Engineers 404 program, Minnesota Department of Natural Resources, or the State of Minnesota Wetland Conservation Act) specifically for the site, the Permittee may use that permit or other determination issued by these agencies to show that the potential adverse impacts have been addressed. For the purposes of this permit, de minimis actions are determinations by the permitting MPCA that address the site impacts, whereas a non-jurisdictional determination does not address site impacts. [Minn. R. 7001]
	5.6.45	If there are impacts from the site that are not addressed in one of the permits addressed in the Special Requirements section of this permit or other determinations (e.g., permanent inundation or flooding of the wetland, significant degradation of water quality, excavation, filling, draining), the Permittee must minimize all adverse impacts to wetlands by utilizing appropriate measures. Measures used must be based on the nature of the wetland, its vegetative community types and the established hydrology. These measures include in order of preference: A. Avoid all significant adverse impacts to wetlands from site discharges. B. Minimize any unavoidable impacts to wetlands from site discharges. C. Provide compensatory mitigation when the Permittee determines that there is no reasonable and practicable alternative to having a significant adverse impact on a wetland. For compensatory mitigation, wetland restoration or creation shall be of the same type, size, and whenever reasonable and practicable in the same watershed as the impacted wetland. [Minn. R. 7001]
	5.6.46	If a site discharges to a water of the state that appears on the current U.S. Environmental Protection MPCA (USEPA) approved list of impaired waters under Section 303 (d) of the Clean Water Act (33 U.S.C. Sec 303 (d)), the Permittee must review whether changes may be warranted in the site's Pollution Prevention Plan (Plan) to reduce the impact of the discharge. If a USEPA approved Total Maximum Daily Load (TMDL) has been developed, the Permittee must review the adequacy of the Plan to meet the TMDLs Waste Load Allocation. [Minn. R. 7001]
	5.6.47	Technology Based Effluent Limits - Stormwater Discharges. [Minn. R. 7001]
	5.6.48	Stormwater Management Devices. [Minn. R. 7001]
	5.6.49	The Permittee is authorized to use industrial stormwater ponds, sedimentation basins, and/or infiltration devices for stormwater management. [Minn. R. 7001]
	5.6.50	Industrial stormwater ponds, sedimentation basins, and/or infiltration devices shall not be located in areas that receive direct discharges from permanent or stationary vehicle fueling tanks (aboveground or underground storage tanks) and maintenance activity areas (shops), except where adequate secondary containment is provided as required under the SPCC Rule, and/or the basin is designed specifically to satisfy the federal SPCC Rule. Spill prevention and response BMPs shall be implemented in areas where mobile refuelers transfer product. [Minn. R. 7001]

5.6.51	When wastewater from authorized activities is co-mingled with stormwater, it is considered wastewater, and a surface water discharge is not authorized under this permit. This does not include stormwater co-mingling with mine dewatering from Subsector J1 and J2 facilities, which is approved for a surface water discharge under this permit. [Minn. R. 7001]
5.6.52	If the Permittee provides documentation to MPCA that the stormwater management device was designed by a registered professional engineer to control a 10-year, 24-hour storm event (based on National Oceanic and Atmospheric Administration Atlas 14, Volume 8 (NOAA Atlas 14, Volume 8)), then no sampling of a discharge is required upon MPCA approval. If the stormwater management device is already in place at an existing facility, the sizing of the device shall be confirmed by a registered professional engineer before the sampling requirement is waived. This does not include unauthorized non-stormwater discharges to surface waters. This waiver is for monitoring only; effluent limits still apply to the discharge and Permittees must maintain compliance with the limits. This waiver is only effective for the term of the permit. Permittees must reapply for the waiver every permit term. [Minn. R. 7001]
5.6.53	Erosion and Sediment Control Practices. [Minn. R. 7001]
5.6.54	Sediment control practices must be established on all down-gradient perimeters and be located up-gradient of any buffer zones. The perimeter sediment control practice must be in place before any up-gradient land disturbing activities begin. Use a range of erosion controls within the broad categories of flow diversion (e.g. swales, berms) and structural controls (e.g. sediment traps, dikes, silt fences). These practices shall remain in place until the site has been stabilized. [Minn. R. 7001]
5.6.55	The Permittee shall re-install all sediment control practices that have been adjusted or removed to accommodate short-term activities such as clearing or grubbing, or passage of vehicles, immediately after the short-term activity has been completed. Short-term activities shall be completed as quickly as possible. Re-installation of sediment control practices shall be completed no later than before the next precipitation event, even if the short-term activity is not complete. [Minn. R. 7001]
5.6.56	The Permittee(s) shall plan for and implement appropriate BMPs such as construction phasing, vegetative buffer strips, horizontal slope grading, and other construction practices that minimize erosion. The location of areas not to be disturbed shall be delineated (e.g. with flags, stakes, signs, silt fence etc.) on the project site before work begins. [Minn. R. 7001]
5.6.57	Temporary stockpiles or stripping/overburden stored outside the pit shall have sediment control mechanisms in place until the material is completely removed. Materials shall not be placed in any natural buffers, surface water, or stormwater conveyances such as curb and gutter systems, or conduits and ditches. [Minn. R. 7001]
5.6.58	Vehicle Tracking. Vehicle tracking of sediment onto paved surfaces from the site or operation must be minimized by BMPs such as stone pads, concrete or steel wash racks, or equivalent systems. Street sweeping must be used if such BMPs are not adequate to prevent sediment from being tracked onto the street within 24 hours of discovery. The MPCA Vehicle Tracking factsheet may be used as guidance in BMP development: http://www.pca.state.mn.us/index.php/view-document.html?gid=7419 . [Minn. R. 7001]
5.6.59	Good Housekeeping. Permittees conducting the industrial activities described in this permit shall keep exposed areas that may contribute pollutants to stormwater sufficiently clean to reduce or eliminate contaminated stormwater runoff. [Minn. R. 7001]
5.6.60	BMP Maintenance. [Minn. R. 7001]
5.6.61	The Permittee shall maintain all BMPs identified in the Pollution Prevention Plan (Plan) and implemented at the facility, to ensure BMP effectiveness. [Minn. R. 7001]
5.6.62	The Permittee shall develop a schedule for preventive maintenance of all BMPs. The schedule shall be stored with the Plan. [Minn. R. 7001]
5.6.63	If the Permittee identifies BMPs that are not functioning properly, the Permittee shall replace, maintain, or repair the BMPs within seven (7) calendar days of discovery. If BMP replacement, maintenance, or repair cannot be completed within seven (7) calendar days, the Permittee shall implement effective backup BMPs (temporary or permanent) until the effectiveness of

		the original BMPs can be restored. The Permittee shall document the justification for an extended replacement, maintenance, or repair schedule of the failed BMPs, and maintain it with the Plan. [Minn. R. 7001]
	5.6.64	The Permittee shall record dates of all maintenance and repairs. The Permittee shall maintain these records with the Plan. [Minn. R. 7001]
	5.6.65	All silt fences must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches 1/2 of the height of the device. These repairs must be made within 24 hours of discovery, or as soon as field conditions allow access. [Minn. R. 7001]
	5.6.66	If sediment escapes the facility, off-site accumulations of sediment must be removed in a manner and at a frequency sufficient to minimize off-site impacts (e.g., fugitive sediment in streets could be washed into storm sewers by the next rain and/or pose a safety hazard to users of public streets). For sediment releases to surface waters, the release must be reported to the MPCA/DNR. The sediment shall be removed from the surface water if approved by the DNR. [Minn. R. 7001]
	5.6.67	Temporary and permanent sedimentation basins must have the sediment removed once the depth of sediment collected in the basin reaches 1/2 the storage volume. Removal must be completed within 72 hours of discovery, or as soon as field conditions allow access. [Minn. R. 7001]
	5.6.68	Spills and Leaks. [Minn. R. 7001]
	5.6.69	The Permittee shall develop and implement a spill prevention and response procedure. If the site already has a separate plan (e.g. Prevention and Response Plan as required by Minn. Stat. 115E, or Spill Prevention Control and Countermeasure Plan as required by Federal Law), that plan can be incorporated by reference into the Pollution Prevention Plan (Plan). In either case, a minimum of the following components shall be included with the Plan, or in a separate document: A. The Permittee shall report and document spills or leaks (as defined in Minn. Stat. Section 115.061) that occur in exposed areas, or that drain to a monitoring location. B. Material handling procedures, storage requirements, and cleanup equipment/materials and procedures necessary to recover as rapidly and thoroughly as possible spills or leaks pursuant to Minn. Stat. Section 115.061. All methods and procedures must be made available to appropriate site personnel. C. Contact information for individuals and emergency and regulatory agencies that must be notified in the event of a spill. When a spill or discharge of a potentially polluting material occurs, the Permittee shall immediately notify the Minnesota Department of Public Safety Duty Officer at 1-800-422-0798 (toll free) or 651-649-5451 (metro area) per Minn. Stat. Section 115.061. [Minn. Stat. ch. 115]
	5.6.70	Subsector D1 - Asphalt Production - Additional Spills and Leaks Requirements. [Minn. R. 7001]
	5.6.71	In addition to the requirements in this Section, the Permittee shall use drip pans and splash guards where spills frequently occur at Subsector D1 facilities. [Minn. R. 7001]
	5.6.72	Subsector E2 - Ready-Mix and Other Concrete Operations - Additional Spills and Leaks Requirements. [Minn. R. 7001]
	5.6.73	In addition to the requirements in this Section, the Permittee shall prevent or minimize the discharge of spilled cement, aggregate (including sand or gravel), kiln dust, fly ash, or settled dust from paved portions of the facility that are exposed to stormwater at Subsector E2 facilities. [Minn. R. 7001]
	5.6.74	The Permittee shall determine the frequency of sweeping or equivalent by the amount of industrial activity occurring at Subsector E2 facilities and the frequency of exposure to stormwater, but it shall be performed at least once per week if cement, aggregate, kiln dust, fly ash, or settled dust are being handled or processed and materials are present on paved surfaces. [Minn. R. 7001]
	5.6.75	The Permittee shall also prevent the exposure of fine granular solids (cement, fly ash, kiln dust, etc.) to stormwater, where practicable, by storing these materials in enclosed silos,

		hoppers, buildings, and under other coverings. [Minn. R. 7001]
	5.6.76	The Permittee shall include measures in the Plan to ensure that process wastewater resulting from washing trucks, mixers, transport buckets, forms, or other equipment are discharged in accordance with applicable parts of this permit for Subsector E2 facilities. [Minn. R. 7001]
	5.6.77	Technology Based Effluent Limits - Non-Stormwater Discharges. [Minn. R. 7001]
	5.6.78	Wastewater Basin Design and Construction Requirements. [Minn. R. 7001]
	5.6.79	When constructing new (as of the issuance date of this permit) containment basins to infiltrate authorized non-stormwater discharges, not including uncontaminated scale deck wash water that does not use detergents, solvents, or degreasers, wash water associated with cleaning of mobile equipment that does not use detergents, solvents, or degreasers and/or waters used for sawing stone or dust control on crushers, conveyors, associated equipment, stockpiles, and site roadways, of this permit from Subsector J1 and J2 activities, it shall: A. Have at least sufficient capacity to contain all wastewater discharges so as to prevent overflow. B. Be constructed to contain the bounce from precipitation and stormwater runoff resulting from a 10-year, 24 hour storm event. Any overflow of the basin shall not discharge to surface water or any storm sewer system. C. Not be constructed in areas that receive direct discharges from permanent or stationary vehicle fueling tanks (underground or aboveground storage tanks) and maintenance activity areas (shops). Spill prevention and response BMPs shall be implemented in areas where mobile refuelers transfer product. [Minn. R. 7001]
	5.6.80	When constructing new (as of the issuance date of this permit) containment basins to infiltrate authorized non-stormwater discharges from Subsector E2 activities, it shall: A. Be designed consistent with accepted engineering practices. Designs shall be approved by a professional engineer or other licensed professional. B. Be constructed and maintained to allow for infiltration of wastewater. Long term soil infiltration rates for new infiltration devices shall not be greater than 1.63 inches per hour unless pretreatment practices are implemented prior to infiltration. C. Be constructed to allow for maximum separation distance from groundwater with a minimum of 3 feet between the bottom of the impoundment and the seasonal high water table. D. Have at least sufficient capacity to contain all wastewater discharges so as to prevent overflow. E. Be constructed to contain the bounce from precipitation and stormwater runoff resulting from a 10-year, 24 hour storm event. Any overflow of the basin shall not discharge to surface water or any storm sewer system. F. Not be constructed in areas with standing water or areas that receive direct discharges from permanent or stationary vehicle fueling tanks (underground or aboveground storage tanks) and maintenance activity areas (shops). Spill prevention and response BMPs shall be implemented in areas where mobile refuelers transfer product. The Permittee shall maintain design documentation to demonstrate containment basins meet the requirements of (A) through (F). [Minn. R. 7001]
	5.6.81	If a Permittee has indicated all stormwater and/or process wastewater is contained and/or infiltrates on site, the site is prohibited from discharging to surface waters and will not be required to submit Discharge Monitoring Reports (DMRs). The site will be assigned a Land Application (LA) designation in lieu of a Surface Discharge (SD) designation. [Minn. R. 7001]
	5.6.82	Karst Topography. [Minn. R. 7001]
	5.6.83	New Basins. New infiltration devices for authorized non-stormwater discharges are prohibited within 1000 feet up-gradient or 100 feet downgradient of active karst features. [Minn. R. 7001]
	5.6.84	Existing Basins. The design and construction of containment basins shall include additional or different measures as necessary (e.g. impervious liner in pond bottom) to assure compliance

		with surface and groundwater standards in Minn. R. chs. 7050 and 7060 and to ensure protection of drinking water supply management areas (see Minn. R. 4720.5100, subp. 13). These measures shall be identified in the Pollution Prevention Plan. [Minn. R. 7001]
	5.6.85	Subsector J1 and J2 - Mine Pit Dewatering to Surface Waters. [Minn. R. 7001]
	5.6.86	Permittees are authorized to discharge mine site dewatering flow to surface waters if the following conditions are met: A. Discharges only from Subsector J1 and J2 facilities. B. Discharges meet the effluent limits applied in this permit. C. The dewatering discharges do not co-mingle with other process wastewater. D. The dewatering discharges are not to ORVWs, DNR-designated trout waters, and/or DNR-posted fish-spawning areas. E. The Permittee has documented in their Pollution Prevention Plan location and initial flow estimates for surface discharge stations. [Minn. R. 7001]
	5.6.87	Dewatering or basin draining must be discharged to a control device on the project site whenever possible, such as a temporary or permanent sedimentation basin or infiltration device. Discharge from the control device must be visually checked to ensure adequate treatment is obtained and that nuisance conditions (see Minn. R. 7050.0210, subp. 2) will not result from the discharge. [Minn. R. 7001]
	5.6.88	If the water cannot be discharged to a control device prior to entering the surface water, it must be treated with the appropriate BMPs, such that the discharge does not adversely affect the receiving water or downstream landowners. [Minn. R. 7001]
	5.6.89	The Permittee(s) must ensure that discharge points are adequately protected from erosion and scour. The discharge must be dispersed over natural riprap, sand bags, plastic sheeting, or other accepted energy dissipation measures. Adequate sedimentation control measures are required for discharge water that contains suspended solids. [Minn. R. 7001]
	5.6.90	Any inlet pipe, culvert or hose for the discharge shall be raised above the ground so that the discharge flow does not draw in and transport solids from the sump area. [Minn. R. 7001]
	5.6.91	Subsector D1 -Asphalt - BMPs for Wet Scrubber Wastewater. [Minn. R. 7001]
	5.6.92	This permit authorizes stormwater discharges from asphalt production areas (SIC Code 2951) and/or stormwater discharges from the installation, construction, and/or operation of wet scrubbers at asphalt production plants. This permit does not authorize the discharge of asphalt production wet scrubber wastewater to surface waters or to groundwater. Any discharge to surface water will require an individual NPDES permit. [Minn. R. 7001]
	5.6.93	Wastewater from asphalt production wet scrubbers shall be held within pipes, aboveground tanks or lined impoundments. Pipes and tanks shall be operated and maintained to prevent leaks. Cracks or other failures in pipes or tanks shall be repaired immediately. If pipes are buried, or pipes or tanks are in contact with the land surface, they shall be inspected at least once before each operating year to locate and repair cracks or other failures. [Minn. R. 7001]
	5.6.94	An impoundment for containment of wet scrubber wastewater shall meet the design criteria specified in this section. Impoundments that do not meet the criteria in this part may be authorized if requested in writing by the Permittee, and approved in writing by the MPCA, at least 90 days before construction of the impoundment begins. [Minn. R. 7001]
	5.6.95	Construction of impoundments in close proximity to drinking water supplies and other areas subject to contamination should be avoided. A minimum separation of four feet between the top of the impoundment seal and the seasonal high water table shall be maintained. Drain tile under the impoundment shall not be used to permanently lower the water table. A minimum separation of ten feet between the top of the impoundment seal and bedrock formations shall be maintained. Impoundments shall not be constructed on locations with karst topography. [Minn. R. 7001]
	5.6.96	Impoundments shall be constructed utilizing at least a 30-mil-thick continuous Polyvinyl Chloride (PVC) or High Density Polyethylene (HDPE) liner, or a reinforced Portland cement

		concrete liner. A PVC or HDPE liner, not replaced on an annual basis, shall be covered with at least one-foot depth of finely textured soil. Liquid depths for impoundments shall be designed for a maximum of six feet. [Minn. R. 7001]
	5.6.97	PVC and HDPE liner systems shall be designed and installed in general accordance with the most recent version of MPCA guidance documents High Density Polyethylene Liner Guidance (June 2011) or Polyvinyl Chloride Liner Guidelines (May 2011). [Minn. R. 7001]
	5.6.98	No PVC or HDPE liner panels shall be used at more than one site without the prior written approval of the MPCA. The Permittee shall remove and properly dispose of used PVC and HDPE liner materials in accordance with applicable solid waste statutes and rules. [Minn. R. 7001]
	5.6.99	The subsoil bed for a PVC or HDPE liner shall be sufficiently prepared to ensure that all holes, rocks, stumps and other debris are eliminated. The subsoil shall be sieved or the area raked after grading to provide a smooth, flat surface free of stones and other sharp objects. The subsoil bed shall be sloped at least 1% upward toward the dike, so as to reduce gas and hydrostatic pressures, and to facilitate pumping of the impoundment. [Minn. R. 7001]
	5.6.100	PVC and HDPE liner panels shall be laid out to minimize seams, with an overlap of four to size inches. The PVC or HDPE liner anchor trench shall have a minimum six inch depth and be placed at least nine to twelve inches beyond the slope break at the dike. PVC and HDPE liners shall be installed under the direct supervision of a person experienced in the proper installation of such liners. This person shall inspect all seams on-site for their acceptability prior to the construction certification. [Minn. R. 7001]
	5.6.101	The design of a reinforced Portland cement concrete liner shall be in accordance with the American Concrete Institute (ACI) Manual of Concrete Practice. [Minn. R. 7001]
	5.6.102	The Permittee shall inspect each impoundment for cracks or other failures, at least once each operating year. This inspection shall be conducted after the spring thaw and before the start of the asphalt plant operating season. In addition: A. PVC and HDPE lined impoundments shall complete a water balance test annually after the spring thaw and before the start of the asphalt plant operating season. The water balance test shall be completed in accordance with the MPCA "Prefill and Water Balance Criteria" (December 2010). B. Concrete lined impoundments shall complete water tightness testing at least once per 5 years (once per permit cycle). Water tightness testing for concrete impoundments shall be completed in accordance with the most recent version of ACI 350.1 "Specification for Tightness Testing of Environmental Engineering Concrete Containment Structures." Impoundments that do not pass the water balance or tightness testing may not be placed into service until a passing result is achieved; this may require identifying and repairing problem areas of the impoundment and repeating the testing. The inspector shall prepare a written report of each water balance and inspection. Any cracks or other failures shall be repaired immediately, and certified by an engineer registered in Minnesota. [Minn. R. 7001]
	5.6.103	The Permittee shall keep signed copies of the impoundment design plans and specifications, construction certifications, water balance and inspection reports, and repair certifications with the asphalt plant at all times. [Minn. R. 7001]
	5.6.104	The Permittee shall divert surface water runoff around impoundments, prevent erosion, and protect the structural integrity of exterior embankments from failure. [Minn. R. 7001]
	5.6.105	The Permittee shall maintain impoundments during the winter so that ice layers and frost action do not damage the liner effectiveness and integrity. [Minn. R. 7001]
	5.6.106	Sediments that accumulate in asphalt production wet scrubber wastewater containment structures shall be removed in a manner so as to not damage the integrity and effectiveness of the containment structure. The Permittee may dispose of these sediments at a permitted sanitary landfill, through use as road base or subgrade, or through blending into the paving asphalt mixture. The Permittee may use one of the following options for sediment disposal if the MPCA authorizes this specific in writing: A. Leave in-place;

		B. Use as clean fill; or C. Land spread. The Permittee shall record in writing the volume of sediments removed from asphalt production scrubber disposal systems, and the method and location of the disposal of such materials. [Minn. R. 7001]
5.6.107		The Permittee may dispose of asphalt production wet scrubber wastewater for the purposes of roadbed preparation or dust control, and in accordance with the following requirements: A. Wastewater may be applied to the surface of unpaved roads or roadbeds only if the asphalt plant is in the process of relocating, has ceased operation for the remainder of the year, or if alterations to the impoundment are needed. B. Wastewater may be applied to the surface of unpaved roads or roadbeds only if that road or roadbed is dry. C. Application to haul roads shall be conducted in such a manner to prevent runoff or prolonged ponding. D. Only the amount of water needed to control or prevent a dust problem may be applied. E. Wastewater used for dust control shall not enter any road ditch, surface water, or wetland. F. Wastewater shall not be applied at a rate greater than one gallon per square yard per year. [Minn. R. 7001]
5.6.108		Asphalt Ingredients, Burner Fuels and Chemical Additives. If the Permittee proposes to use asphalt ingredients, burner fuels and/or chemical additives other than those designated below, at an asphalt production plant with a wet scrubber, the Permittee shall apply in writing to the MPCA for such approval, no later than 60 days before the planned date of utilization of the non-designated material. The Permittee may use these non-designated materials only with the written approval of the MPCA. The designated materials are: A. Clay, silt, sand, gravel and crushed stone produced from naturally occurring geologic formations, and without chemical additives. B. Recycled asphalt. C. Recycled asphalt saturated felt materials. D. Natural gas, butane, propane and methane. E. Gasoline, kerosene, diesel fuel, jet fuel and fuel oils (No. 1, No. 2, No. 3, No. 4, No. 5, No. 6). F. Petroleum derived waste oil as defined in Minn. R. 7045.0020. G. On-specification used oil fuel, as defined in Minn. R. pt. 7045.0020, except that total halogens shall not exceed 1,000 parts per million in the used oil fuel. H. Asphalt cement (AC). I. Hydrated lime. J. Anti-stripping agents approved by the MPCA under this permit. K. Aluminum chloride flocculants. L. Freemont 8201 and anionic polyacrylamide flocculants of similar chemical composition. M. Any mixture of the materials listed in subitems (A) through (L). N. Portland cement concrete. O. Recycled sediments from asphalt plant scrubber operations. P. Fines from asphalt fabric filter operations. Q. Silicone. [Minn. R. 7001]
5.6.109		Subsector E2 - Ready-Mix and Other Concrete Operations Discharges to Groundwater. [Minn. R. 7001]
5.6.110		This permit section is intended to cover process wastewater discharges from concrete product operations. Authorized discharges to groundwater specified in the Applicability Section of this permit are covered under this permit. Any discharge to surface water will require an individual NPDES permit. Wastewater discharges from facilities described by the following Standard Industrial Classification (SIC) codes are authorized: A. Concrete Block and Brick (SIC 3271) B. Concrete Products, N.E.C. (Not Elsewhere Covered) (SIC 3272) C. Ready-Mix Concrete (SIC 3273). [Minn. R. 7001]

5.6.111	Containment basins shall be constructed in compliance with this permit. [Minn. R. 7001]
5.6.112	Authorized E2 activity discharge to new containment basins (as of the issuance date of this permit) must meet the following conditions: A. be constructed to allow for maximum separation distance from groundwater with a minimum of 3 feet between the bottom of the impoundment and the seasonal high water table. B. If the wastewater pH of authorized discharges from E2 activities is outside the range of 6.0-9.0 Standard Units (SU), the wastewater must also be passed through an extra soil zone, mixed with other authorized process waters or rinse waters, or held in a lined or sealed basin to prevent infiltration in order to bring the pH within the range of 6.0-9.0 SU before the wastewater mixes with groundwater. [Minn. R. 7001]
5.6.113	Authorized E2 activity discharge to existing containment basins must meet the following conditions: A. If the wastewater pH of authorized discharges from E2 activities is outside the range of 6.0-9.0 Standard Units (SU), the wastewater must also be passed through a soil zone, mixed with other authorized process waters or rinse waters, or held in a lined or sealed basin to prevent infiltration in order to bring the pH within the range of 6.0-9.0 SU before the wastewater mixes with groundwater. [Minn. R. 7001]
5.6.114	Pollution Prevention Plan (Plan). [Minn. R. 7001]
5.6.115	The Permittee shall develop and implement a Pollution Prevention Plan (Plan) to address the specific conditions at the site. The goal of the Plan is to eliminate or minimize contact of stormwater with significant materials that may result in pollution of the runoff, as well as identify and correctly manage non-stormwater discharges. Minnesota Guide to Pollution Prevention Planning: https://www.pca.state.mn.us/quick-links/minnesota-guide-pollution-prevention-planning . [Minn. R. 7001]
5.6.116	A Plan shall be developed, implemented, and maintained for each site authorized by this permit. A Plan shall be prepared and maintained in an appropriate and functional manner in accordance with relevant manufacturer specifications and accepted engineering practices. [Minn. R. 7001]
5.6.117	A Plan shall be completed prior to submitting the permit application for authorization of activities by this permit. Permittees authorized under the previous version of this permit shall modify the Plan to comply with the requirements of this permit prior to submitting the permit application. [Minn. R. 7001]
5.6.118	A Plan shall be used by the Permittee to document all BMPs used to comply with all control measures required in the Technology Based Effluent Limits sections of this permit. BMPs shall be designed and implemented to address the potential pollutants associated with the activities and materials identified by the Permittee. The documentation shall include a list of all structural and non-structural BMPs designed and implementation at the site. [Minn. R. 7001]
5.6.119	The Plan shall include documentation of an assessment and inventory/list of materials handled and activities conducted at the site that can potentially be a source of pollutants to stormwater discharges. The assessment shall include but is not limited to the materials and activities identified below: A. Excavation. B. Crushing/Screening. C. Overburden, waste and products stockpiles. D. Raw material and final product storage. E. Waste products. F. Sediment washing. G. Material loading/unloading. H. Areas where spills and leaks may potentially contribute pollutants to stormwater. I. Vehicle and equipment maintenance, washing, and fueling. J. Chemical additives/dust suppressant use. [Minn. R. 7001]

5.6.120	The Plan for each site shall include an inventory of all chemical additives currently used to treat wastewater and/or stormwater including chemical dust suppressants. This inventory shall include: A. The name of the additive. B. The process for which the additive will be used. C. The proposed method of application, application frequency, and daily average and maximum rates of use. D. The date of MPCA approval. MPCA approval is required for any additives that are new, increasing in usage, or not previously approved. See the Total Facilities Requirements section of this permit and go to the chemical additive webpage at http://www.pca.state.mn.us/index.php/water/water-types-and-programs/wastewater/wastewater-technical-assistance/chemical-additive-approvals.html to find the documents necessary to complete the approval process. [Minn. R. 7001]
5.6.121	The Plan for each site shall include a site map, which does not need to be a surveyed map, at least to the level of detail indicated on a 7.5-minute U.S. Geological Survey quadrangle map, which identifies: A. Location of the site in relation to surface waters (including the name of the surface water; if the name is not known, indicate that on the map). B. Location of all impaired waters within one mile. The Permittee shall include the name of the impaired water and the impairment (e.g. impaired for biota fish, turbidity, nutrients, etc.). C. Location of all ORVWs, designated trout waters, and wetlands within one mile of the site (Minn. R. 7050.0335, 6264.0050, and 7050.0420). D. Directions of stormwater flow indicated by arrows (including stormwater that is contained/infiltrated on site). E. Location of all discharge points. F. Location of all overflow points from control devices. G. Topography of the area. H. Location of all activities and materials. I. Location of all structural BMPs. J. Location and description of any non-stormwater discharges. K. Dewatering points. L. Water supply wells. M. Surface water supply intakes. Portable sites can meet the requirements of (G) through (M) above by developing general plant configuration maps. [Minn. R. 7001]
5.6.122	The Permittee shall review the Plan at least annually and modify the Plan, if: A. There is construction or a change in design, operation, or maintenance at the facility that affects stormwater and wastewater management or compliance with this permit. B. The Permittee has identified a monitoring location from which the discharge flows to, and is within one mile of, an impaired water. C. A routine inspection, compliance evaluation, or visual inspection identified deficiencies in the Plan and/or BMP. D. Additional stormwater and/or wastewater control measures and BMPs are necessary to meet applicable water quality standards or to address exceedances of intervention limits. E. There is an unauthorized discharge from the facility. If the Plan modification is based on a release or unauthorized discharge, include in the modified Plan a description and date of the release, the circumstances leading to the release, actions taken in response to the release, and measures to prevent the recurrence of such releases. Unauthorized releases and discharges are subject to the reporting requirements in the Total Facilities Requirements section of this permit. [Minn. R. 7001]
5.6.123	The Plan must be kept at the site when the site is active. If there is no office located on-site,

		electronic access of the Plan is acceptable. The Plan must be available to the MPCA within 72 hours of a request for review. [Minn. R. 7001]
	5.6.124	The Plan shall identify the individual(s) responsible for managing, implementing, maintaining, modifying, and ensuring compliance with the site's Plan, as well as personnel responsible for managing and implementing the Plan. [Minn. R. 7001]
	5.6.125	The Permittee must develop and implement an employee training program to inform appropriate personnel of the components and goals of the Plan. The Plan must also identify periodic dates for such training. [Minn. R. 7001]
	5.6.126	Records of all inspections conducted in accordance with permit requirements shall be maintained within the Plan. [Minn. R. 7001]
	5.6.127	Subsector D1 - Asphalt - Additional Plan Requirements. [Minn. R. 7001]
	5.6.128	Asphalt facilities (Subsector D1) must also identify: A. Petroleum storage. B. Fuel Storage. C. Recycled Asphalt Pavement Storage. D. Aggregate Storage. E. Recycled concrete, concrete block and brick crushing and storage. F. Cold Patch Storage. G. Release agent storage and application. [Minn. R. 7001]
	5.6.129	Subsector E2 - Ready-Mix Operations - Additional Plan Requirements. [Minn. R. 7001]
	5.6.130	Ready-Mix Operations (Subsector E2) must also identify: A. Bag house or other dust control device. B. Recycle/sediment pond, clarifier, or other device used for the treatment of process wastewater. C. The areas that drain to the treatment device. D. Description of multiple locations of ready-mix and other concrete operations, if applicable. [Minn. R. 7001]
	5.6.131	Inspection Reports. [Minn. R. 7001]
	5.6.132	The Permittee shall develop and implement an inspection schedule that includes a minimum of one site inspection per calendar month that the site is an active site and staffed. A minimum of one inspection per calendar year shall be conducted during a runoff event. [Minn. R. 7001]
	5.6.133	If the site is Inactive and unstaffed, Temporarily Inactive and unstaffed as defined, or is a site undergoing final stabilization, the Permittee is waived from the requirement to conduct monthly site inspections, but BMPs must be maintained. [Minn. R. 7001]
	5.6.134	All inspections and resulting maintenance must be recorded and retained within the Plan. Records of each inspection and maintenance activity shall include: A. Date and time of inspections. B. Name of person(s) conducting inspections. C. An evaluation of the facility to determine that the Plan accurately reflects conditions as described in the Pollution Prevention Plan. At a minimum, the Permittee shall inspect storage tank areas, waste disposal areas, maintenance areas, loading/unloading areas, and raw material, intermediate product, by-product and final product storage areas. D. An evaluation of all structural and non-structural BMPs to determine effectiveness and proper function. E. An evaluation of the facility to determine whether new exposed significant materials or activities have been added to the site since completion of the Plan. F. Findings of inspections, including recommendations for corrective actions. G. Corrective actions taken (including dates, times, and party completing maintenance activities). [Minn. R. 7001]
	5.6.135	In addition to the inspection requirements of this Section, separately from the required annual runoff event inspection, the Permittee shall ensure that one of the required monthly inspections occurs during a snow melt event. The inspection shall include a visual assessment

		of the runoff to identify any visible sheens or films that indicate the presence of oil or grease in the discharge. If sheens are present in surface discharges, corrective actions to prevent sheen shall be implemented and documented in the Plan. [Minn. R. 7001]
	5.6.136	Subsector D1 - Asphalt - Additional Inspection Reports Requirements. [Minn. R. 7001]
	5.6.137	The operator of an Asphalt Facility shall also inspect the following areas: A. Material storage and handling areas; B. Liquid storage tanks; C. Hoppers and silos; D. Vehicle and equipment maintenance, cleaning, and fueling areas; and E. Material handling vehicles, equipment, and processing areas. Ensure that appropriate action is taken in response to the inspection by using follow-up procedures. Document in the Plan the inspections and follow up actions. [Minn. R. 7001]
	5.6.138	Subsector E2 - Ready-Mix and Other Concrete Operations - Additional Inspection Reports Requirements. [Minn. R. 7001]
	5.6.139	Dust collection and containment systems shall be included in the site inspections. [Minn. R. 7001]
	5.6.140	Monitoring Requirements. [Minn. R. 7001]
	5.6.141	Stormwater Monitoring. [Minn. R. 7001]
	5.6.142	The Permittee shall monitor each outfall for all parameters specified in the Limits and Monitoring Section of this permit during stormwater runoff from active site operations. The Permittee shall submit the results of intervention limit monitoring required by this permit on the Discharge Monitoring Report form provided by the MPCA. The information must be recorded in the specified areas on the form and in the unit specified. [Minn. R. 7001]
	5.6.143	Two samples shall be collected at each monitoring outfall and analyzed for each intervention limit parameter in a calendar year in order to determine an annual average concentration for each intervention limit parameter. The two samples shall be collected on two separate runoff events, one in the spring and one in the fall, if possible, each calendar year the Permittee is authorized to discharge under this permit. At the Permittee's discretion, more than two samples may be taken during separate runoff events and used to determine the annual average intervention limit(s). [Minn. R. 7001]
	5.6.144	If the Permittee is unable to obtain a minimum of two samples, less than two samples may be used to determine the annual average intervention limit(s) for the discharges during the year. However, for each sample that could not be obtained due to weather conditions and/or soil characteristics, the Permittee shall provide an explanation in the Comments section of the Discharge Monitoring Report and submit it to the MPCA. [Minn. R. 7001]
	5.6.145	Samples shall be collected during the first 30 minutes of a measurable runoff event at a monitoring outfall and sampling events shall be at least 72 hours apart, to the extent feasible. [Minn. R. 7001]
	5.6.146	The intervention limit monitoring location(s) selected by the Permittee shall be in a location that: A. Is below the most down-gradient BMP from the source of industrial activity or significant materials, but prior to discharging from the Permittee's operational control. B. Minimizes or eliminates sampling of stormwater from off-site sources (run-on). C. Yields a sample that best represents the contribution of pollutants the Permittee is required to monitor for in accordance with this permit and that receives discharge from an area of industrial activities, processes, and significant materials exposed to stormwater. [Minn. R. 7001]
	5.6.147	If the Permittee has identified multiple, but separate, stormwater discharges and each area of discharge is substantially similar in terms of exposure, BMPs, and pollutants discharged, the Permittee may choose one intervention limit monitoring location that is most representative and best allows for obtaining a sample. This is applicable to a single site only. Multiple sites may only choose a substantially similar outfall at a single site. [Minn. R. 7001]

5.6.148	An exceedance of an applicable annual average intervention limit does not constitute a violation under this permit. However, the Permittee is required to perform any necessary corrective action(s) to address stormwater control measures, including the maintenance or implementation of BMPs, when an exceedance of an applicable intervention limit occurs as described below. Failure to respond to an intervention limit exceedance is a violation of the permit. If an exceedance of an intervention limit occurs, modify the Plan and document all corrective actions, including improvements to BMPs, necessary to meet the applicable intervention limits. Modifications and upgrades of the Plan and BMPs shall be initiated immediately, but no later than 14 days beyond discovery of an intervention limit exceedance. The Permittee must install a new or modified control and make it operational as soon as possible. If it is infeasible to complete the installation of a new or modified BMP within 14 calendar days, the Permittee must document why it is infeasible to complete the installation or repair within the 14-day timeframe. The Permittee must also outline a schedule for completing the work, and documentation must be completed as soon as practicable after the 14-day timeframe but no longer than 45 days after discovery. If 45 days is infeasible, the Permittee must complete the installation or repair as soon as practicable and document the reason for delay. All documentation shall be contained within or as an attachment to the Plan. [Minn. R. 7001]
5.6.149	If the site is Temporarily Inactive during a monitoring period, intervention limit monitoring is not required, but the Permittee shall indicate on their DMR the inactivity and indicate that permanent stormwater BMPs remain in place. Should the site become active, the Permittee is required to sample in accordance with this Section of the permit for the year the site became active. [Minn. R. 7001]
5.6.150	If stormwater does not discharge to surface waters, no monitoring is required. If there is no discharge during the sampling period, the Permittee shall check the "No Flow" box and note the conditions on the Discharge Monitoring Report Form. [Minn. R. 7001]
5.6.151	If the Permittee submits documentation in compliance with this permit and receives approval from MPCA, discharges from the mine dewatering control devices are not required to be sampled. This shall include overflows caused solely by direct rainfall and groundwater seepage. [Minn. R. 7001]
5.6.152	Stormwater Limits and Monitoring Intervention Limits A. Subsectors J1, J2, D1, and E2: Total Suspended Solids, 100 mg/L. B. Subsector E2: Iron, 1.0 mg/L. [Minn. R. 7001]
5.6.153	Mine Dewatering to Surface Waters - Effluent Limit Monitoring. [Minn. R. 7001]
5.6.154	If dewatering flows do not discharge to surface waters, no monitoring will be required. If there is no discharge during the sampling period, the Permittee shall check the "No Flow" box and note the conditions on the Discharge Monitoring Report Form. [Minn. R. 7001]
5.6.155	If the Permittee submits documentation in compliance with this permit and receives approval from MPCA, overflows from the mine pit dewatering control devices are not required to be sampled. This shall include overflows caused solely by direct rainfall and groundwater seepage. [Minn. R. 7001]
5.6.156	One sample shall be collected quarterly from each monitoring outfall identified and analyzed for each required effluent limit parameters specified in the Limits and Monitoring Section of this permit. The sample(s) shall be collected each calendar quarter the Permittee is authorized to discharge under this permit. [Minn. R. 7001]
5.6.157	For active mine dewatering, samples shall be representative of the discharge and collected during any measurable event at an outfall. Flow monitoring shall be monitored using a continuous flow monitor or pump-run times. [Minn. R. 7001]
5.6.158	If the discharge event is an overflow caused by a rainfall event, the sample(s) shall be collected within the first 30 minutes of the measurable runoff event. If it is not possible to

		collect the sample(s) within the first 30 minutes, the sample(s) shall be collected as soon as practicable after the first 30 minutes and documentation must be included with the Comments field of the Discharge Monitoring Report Form that explains why it was not possible to collect the sample(s) within the first 30 minutes. [Minn. R. 7001]
	5.6.159	Mine Dewatering to Surface Waters - Monitoring for Permit Reissuance. The following parameters shall be sampled and analyzed prior to permit expiration and submitted with the application for permit re-issuance. Samples shall be representative of mine dewatering discharge activity, and must comply with the Total Facilities Requirements section of this permit: A. Total Dissolved Solids. B. Hardness. C. Oil & Grease and surfactants. D. Antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, and zinc. E. Aluminum, barium, boron, cobalt, iron, magnesium, manganese, molybdenum, total tin, and total aluminum. [Minn. R. 7001]
	5.6.160	Total Facilities Requirements. [Minn. R. 7001]
	5.6.161	Definitions. Refer to the 'Permit Users Manual' found on the MPCA website (www.pca.state.mn.us) for standard definitions. [Minn. R. 7001]
	5.6.162	Incorporation by Reference. The following applicable federal and state laws are incorporated by reference in this permit, are applicable to the Permittee, and are enforceable parts of this permit: 40 CFR pts. 122.41, 122.42, 136, 403 and 503; Minn. R. pts. 7001, 7041, 7045, 7050, 7052, 7053, 7060, and 7080; and Minn. Stat. ch. 115 and 116. [Minn. R. 7001]
	5.6.163	Permittee Responsibility. The Permittee shall perform the actions or conduct the activity authorized by this permit in compliance with the conditions of the permit and, if required, in accordance with the plans and specifications approved by the MPCA. [Minn. R. 7001.0150, subp. 3(E)]
	5.6.164	Toxic Discharges Prohibited. Whether or not this permit includes effluent limitations for toxic pollutants, the Permittee shall not discharge a toxic pollutant except according to 40 CFR pts. 400 to 460 and Minn. R. chs. 7050, 7052, 7053 and any other applicable MPCA rules. [Minn. R. 7001.1090, subp. 1(A)]
	5.6.165	Nuisance Conditions Prohibited. The Permittee's discharge shall not cause any nuisance conditions including, but not limited to: floating solids, scum and visible oil film, excessive suspended solids, material discoloration, obnoxious odors, gas ebullition, deleterious sludge deposits, undesirable slimes or fungus growths, aquatic habitat degradation, excessive growths of aquatic plants, acutely toxic conditions to aquatic life, or other adverse impact on the receiving water. [Minn. R. 7050.0210, Subpt. 2]
	5.6.166	Property Rights. This permit does not convey a property right or an exclusive privilege. [Minn. R. 7001.0150, subp. 3(C)]
	5.6.167	Liability Exemption. In issuing this permit, the State and the MPCA assume no responsibility for damage to persons, property, or the environment caused by the activities of the Permittee in the conduct of its actions, including those activities authorized, directed, or undertaken under this permit. To the extent the State and the MPCA may be liable for the activities of its employees, that liability is explicitly limited to that provided in the Tort Claims Act. [Minn. R. 7001.0150, subp. 3(O)]
	5.6.168	The MPCA's issuance of this permit does not obligate the MPCA to enforce local laws, rules, or plans beyond what Minnesota statutes authorize. [Minn. R. 7001.0150, subp. 3(D)]
	5.6.169	Liabilities. The MPCA's issuance of this permit does not release the Permittee from any liability, penalty, or duty imposed by Minnesota or federal statutes or rules or local ordinances, except the obligation to obtain the permit. [Minn. R. 7001.0150, subp. 3(A)]
	5.6.170	The issuance of this permit does not prevent the future adoption by the MPCA of pollution control rules, standards, or orders more stringent than those now in existence and does not prevent the enforcement of these rules, standards, or orders against the Permittee. [Minn. R.

		7001.0150, subp. 3(B)]
	5.6.171	Severability. The provisions of this permit are severable and, if any provisions of this permit or the application of any provision of this permit to any circumstance are held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby. [Minn. R. 7001]
	5.6.172	Compliance with Other Rules and Statutes. The Permittee shall comply with all applicable air quality, solid waste, and hazardous waste statutes and rules in the operation and maintenance of the facility. [Minn. R. 7001]
	5.6.173	Inspection and Entry. When authorized by Minn. Stat. ch. 115.04, 115B.17, subd. 4, and 116.091, and upon presentation of proper credentials, the Permittee shall allow the MPCA, or an authorized employee or agent of the MPCA, to enter at reasonable times upon the property of the Permittee to examine and copy books, papers, records, or memoranda pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the permit; and to conduct surveys and investigations, including sampling or monitoring, pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the permit. [Minn. R. 7001.0150, subp. 3(I)]
	5.6.174	Control Users. The Permittee shall regulate the users of its facility to prevent the introduction of pollutants or materials that may result in the inhibition or disruption of the conveyance system, treatment facility or processes, or disposal system that would contribute to the violation of the conditions of this permit or any federal, state, or local law or regulation. [Minn. R. 7001.0150, subp. 3(F)]
	5.6.175	Sampling. [Minn. R. 7001]
	5.6.176	Representative Sampling. The Permittee shall conduct samples and measurements required by this permit as specified in this permit and shall be representative of the discharge or monitored activity. [Minn. R. 7001.0150, subp. 2(B)]
	5.6.177	Additional Sampling. If the Permittee monitors more frequently than required, they shall report the results and the frequency of monitoring on their eDMR for that reporting period. [Minn. R. 7001.1090, subp. 1(E)]
	5.6.178	Certified/Accredited Laboratory. A laboratory accredited by the Minnesota Department of Health [Minn. R. 4740.2010 through Minn. R. 4740.2120] and/or certified by the MPCA [Minn. R. 7001.4310 through Minn. R. 7001.4390] shall conduct analyses required by this permit, unless approved in writing by the MPCA. A certified/accredited laboratory does not need to complete analyses of dissolved oxygen, pH, temperature, specific conductance, and total residual oxidants (chlorine, bromine). Those analyses shall comply with 40 CFR pt. 136. Dissolved oxygen, pH, and total residual oxidants must be performed on-site. Follow the manufacturer's specifications for equipment maintenance and use. [Minn. R. 4740.2010-4740.2120, Minn. R. 7001.4310-7001.4390]
	5.6.179	Sample Preservation and Procedure. Sample preservation and test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and Minn. R. 7041.3200. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7041.3200]
	5.6.180	Equipment Calibration. The Permittee shall check and/or calibrate flow meters, pumps, flumes, lift stations, or other flow monitoring equipment used for purposes of determining compliance (within plus or minus ten percent of the true flow values) with permit requirements at least twice annually. [Minn. R. 7001.0150, subp. 2(B & C)]
	5.6.181	Maintain Records. The Permittee shall keep the records required by this permit for at least three years, including any calculations, original recordings from automatic monitoring instruments, and laboratory sheets. The Permittee shall extend these record retention periods upon request of the MPCA. The Permittee shall maintain records for each sample and measurement. The records shall include the following information: A. The exact place, date, and time of the sample or measurement; B. The date of analysis; C. The name of the person who performed the sample collection, measurement, analysis, or

		calculation; D. The analytical techniques, procedures, and methods used; and E. The results of the analysis. [Minn. R. 7001.0150, subp. 2(C)]
	5.6.182	Completing Reports. The Permittee shall submit the results of the required sampling and monitoring activities on the forms provided, specified, or approved by the MPCA. The Permittee shall record the information in the specified areas on those forms and in the units specified. Required forms may include a Sample Values Form. If required, the Permittee shall record individual values for each sample and measurement on the Sample Values Form provided by the MPCA. The Permittee shall submit Sample Values Form with the appropriate eDMRs. The Permittee may design and use their own Sample Values Form; however, the Permittee shall not use their form until the MPCA reviews and approves the form. Note: The Permittee shall also record required summary information on their eDMR. Permittee submitted summary information contained only on the Sample Values Form does not comply with reporting requirements. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.1090, subp. 1(D)]
	5.6.183	Submitting Reports. The Permittee shall submit eDMRs, Sample Values Forms, and other supplemental attachment forms via MPCA e-Services after the MPCA approves their authorization request. The Permittee shall electronically submit eDMRs, Sample Values Forms, and other supplemental attachment forms by the 21st day of the month following the sampling period or otherwise as specified in this permit. The Permittee shall complete eDMR submittal on or before 11:59 PM of the 21st day of the month following the sampling period or as otherwise specified in this permit. The Permittee shall submit an eDMR for each required station even if no discharge occurred during the reporting period. The Permittee shall submit other reports required by this permit electronically or by mail. The Permittee shall submit reports by the date specified in this permit. For electronic submittals, the Permittee shall submit on or before 11:59 PM on the date specified in this permit. For mailed submittals, the Permittee shall ensure that submittals via U.S. Postal Service or other hand delivery method contain postmarks by the date specified in this permit. Electronically: wq.submittals.mpca@state.mn.us Include Water quality submittals form: www.pca.state.mn.us/sites/default/files/wq-wwprm7-71.docx Or by mail: Attention: WQ Submittals Center Minnesota Pollution Control Agency 520 Lafayette Road North St. Paul, MN 55155-4191. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.0150, subp. 3(H)]
	5.6.184	Incomplete or Incorrect Reports. The Permittee shall immediately submit an electronically amended report or eDMR to the MPCA upon discovery by the Permittee or notification by the MPCA that it has submitted an incomplete or incorrect report or eDMR. The amended report or eDMR shall contain the missing or corrected data along with a comment on the eDMR explaining the circumstances of the incomplete or incorrect report. If it is impossible to amend the report or eDMR electronically, the Permittee shall immediately notify the MPCA and the MPCA will provide direction for the amendment submittals. [Minn. R. 7001.0150, subp. 3(G)]
	5.6.185	Required Signatures. The Permittee or the duly authorized representative of the Permittee shall sign all eDMRs, forms, reports, and other documents submitted to the MPCA per Minn.

		R. 7001.0150, subp. 2(D). The person or persons who sign the eDMRs, forms, reports, or other documents shall certify that he or she understands and complies with the certification requirements of Minn. R. chs. 7001.0070 and 7001.0540, including the penalties for submitting false information. A registered professional engineer shall certify technical documents, such as design drawings and specifications, and engineering studies submitted as part of a permit application or by permit conditions. [Minn. R. 7001.0540]
	5.6.186	Reporting Limit (RL). The Permittee shall report monitoring results below the RL of a particular instrument as "<" the value of the RL. For example, if an instrument has a RL of 0.1 mg/L and a parameter is not detected at a value of 0.1 mg/L or greater, the Permittee shall report the concentration as "< 0.1 mg/L." The Permittee shall not use "non-detected," "undetected," "below detection limit," or "zero" when reporting results. The MPCA considers these terms as permit reporting violations. Where sample values are less than the RL and the permit requires reporting of an average, the Permittee shall calculate the average as follows: A. If some values are less than (<) the RL, substitute zero for all non-detectable values to use in the average calculation; B. If all values are less than (<) the RL, calculate the average and report as < the RL average concentration; and C. To calculate a mass loading with a less than (<) the RL concentration, use the RL value in the calculation and then add the "<" to the product of the concentration and the volume. [Minn. R. 7001.0150, subp. 2(B)]
	5.6.187	Records. The Permittee shall, when requested by the MPCA, submit within a reasonable time the information and reports that are relevant to the control of pollution regarding the construction, modification, or operation of the facility covered by the permit or regarding the conduct of the activity covered by the permit. [Minn. R. 7001.0150, subp. 3(H)]
	5.6.188	Confidential Information. Except for data determined to be confidential according to Minn. Stat. ch. 116.075, subd. 2, all reports required by this permit are available for public inspection. The MPCA does not consider effluent data confidential. To request the MPCA maintain data as confidential, the Permittee shall follow Minn. R. 7000.1300. [Minn. R. 7000.1300]
	5.6.189	Noncompliance and Enforcement. [Minn. R. 7001]
	5.6.190	Subject to Enforcement Action and Penalties. Noncompliance with a term or condition of this permit subjects the Permittee to penalties provided by federal and state law set forth in section 309 of the Clean Water Act; United States Code, title 33, section 1319, as amended; and in Minn. Stat. ch. 115.071 and 116.072, including monetary penalties, imprisonment, or both. [Minn. R. 7001.1090, subp. 1(B)]
	5.6.191	Criminal Activity. The Permittee shall not knowingly make a false statement, representation, or certification in a record or other document submitted to the MPCA. A person who falsifies a report or document submitted to the MPCA, or tampers with, or knowingly renders inaccurate a monitoring device or method that requires maintenance under this permit is subject to criminal and civil penalties provided by federal and state law. [Minn. R. 7001.0150, subp. 3(G), Minn. R. 7001.1090, subp. 1(G & H), Minn. Stat. ch. 609.671, subd. 1]
	5.6.192	Noncompliance Defense. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [40 CFR 122.41(c)]
	5.6.193	Effluent Violations. If sampling by the Permittee indicates a violation of any discharge limitation specified in this permit, the Permittee shall immediately make every effort to verify the violation by collecting additional samples, if appropriate, investigate the cause of the violation, and take action to prevent future violations. If the Permittee discovers that noncompliance with a condition of the permit occurred and that the noncompliance could endanger human health, public drinking water supplies, or the

		environment, the Permittee shall within 24 hours of the discovery of the noncompliance orally notify the Commissioner and submit a written description of the noncompliance within five days of the discovery. If the Permittee discovers other noncompliance that does not explicitly endanger human health, public drinking water supplies, or the environment, the Permittee shall report the description of noncompliance within 30 days of the discovery. If no eDMR is required within 30 days, the Permittee shall submit a written report including the description of noncompliance within 30 days of the discovery of the noncompliance. This description shall include the following information: A. A description of the event including volume, duration, monitoring results, and receiving waters; B. The cause of the event; C. The steps taken to reduce, eliminate, and prevent reoccurrence of the event; D. The exact dates and times of the event; and E. Steps taken to reduce any adverse impact resulting from the event. [Minn. R. 7001.0150, subp. 3(K)]
	5.6.194	Upset Defense. In the event of temporary noncompliance with applicable effluent limitation(s) resulting from an upset at the Permittee's facility due to factors beyond the control of the Permittee, the Permittee has an affirmative defense to an enforcement action brought by the MPCA as a result of the noncompliance if the Permittee demonstrates by a preponderance of competent evidence: A. The specific cause of the upset; B. That the upset was unintentional; C. That the upset resulted from factors beyond the reasonable control of the Permittee and did not result from operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or increases in production which are beyond the design capability of the treatment facilities; D. That at the time of the upset the facility was being properly operated; E. That the Permittee properly notified the Commissioner of the upset in accordance with Minn. R. 7001.1090, subp. 1(I); and F. That the Permittee implemented the remedial measures required by Minn. R. 7001.0150, subp. 3(J). [Minn. R. 7001.1090]
	5.6.195	Release. [Minn. R. 7001]
	5.6.196	Unauthorized Releases of Wastewater Prohibited. This permit prohibits overflows, discharges, spills, or other releases of wastewater or materials to the environment, whether intentional or not, except for discharges from outfalls specifically authorized by this permit. The MPCA will consider the Permittee's compliance with permit requirements, frequency of release, quantity, type, location, and other relevant factors when determining appropriate action. [40 CFR 122.41, Minn. Stat. ch. 115.061]
	5.6.197	Discovery of a Release. Upon discovery of a release, the Permittee shall: A. Take all reasonable steps to immediately end the release; B. Notify the Minnesota Department of Public Safety Duty Officer at 1(800)422-0798 or (651)649-5451 (metro area) immediately upon discovery of the release. The Permittee may contact the MPCA during business hours at 1(800)657-3864 or (651)296-6300 (metro area); and C. Recover as rapidly and as thoroughly as possible all substances and materials released or immediately take other action as may be reasonably possible to minimize or abate pollution to waters of the state or potential impacts to human health caused thereby. If the Permittee cannot immediately or completely recover the released materials or substances, the Permittee shall contact the MPCA. If directed by the MPCA, the Permittee shall consult with other local, state, or federal agencies (such as the Minnesota Department of Natural Resources and/or the Wetland Conservation Act authority) for implementation of additional clean up or remediation activities in wetland or other sensitive areas. [Minn. R. 7001.1090]

5.6.198	Sampling of a Release. Upon discovery of a release, the Permittee shall: A. Collect representative samples of the release. The Permittee shall sample the release for permitted effluent parameters and other parameters of concern immediately following discovery of the release. The Permittee may contact the MPCA during business hours to discuss the sampling parameters and protocol. In addition, the Permittee shall collect fecal coliform bacteria samples where the Permittee determines that the release contains or may contain sewage. If the Permittee cannot immediately stop the release, the Permittee shall consult with the MPCA regarding additional sampling requirements. The Permittee shall collect samples at least, but not limited to, two times per week for as long as the release continues; and B. Submit the sampling results on the Release Report located on the MPCA's website at https://www.pca.state.mn.us/water/discharge-monitoring-reports. The Permittee shall submit the Release Report to the MPCA with the next eDMR or within 30 days, whichever is sooner. [Minn. R. 7001.1090]
5.6.199	Bypass. [Minn. R. 7001]
5.6.200	Anticipated Bypass. The Permittee may allow any bypass to occur that does not cause effluent limitation exceedances, but only if the bypass is for essential maintenance to assure efficient operation of the facility. The Permittee shall submit prior notice to the MPCA at least ten days before the date of the bypass, if possible. The notice of the need for an anticipated bypass shall include the following information: A. The proposed date and estimated duration of the bypass; B. The alternatives to bypassing; and C. A proposal for effluent sampling during the bypass. Any bypass wastewater shall enter waters of the state from outfalls specifically authorized by this permit. Therefore, the Permittee shall collect samples at the frequency and location identified in this permit or two times per week for as long as the bypass continues, whichever is more frequent. [40 CFR 122.41(m)(2 & 3), Minn. R. 7001.1090, subp. 1(J)]
5.6.201	This permit prohibits all other bypasses. The MPCA may take enforcement action against the Permittee for a bypass, unless the specific conditions described in Minn. R. 7001.1090 subp. 1(K) and 40 CFR 122.41(m)(4)(i) are met. In the event of an unanticipated bypass, the Permittee shall: A. Take all reasonable steps to immediately end the bypass; B. Notify the Minnesota Department of Public Safety Duty Officer at 1(800)422-0798 or (651)649-5451 (metro area) immediately upon commencement of the bypass. The Permittee may contact the MPCA during business hours at 1(800)657-3864 or (651)296-6300 (metro area); C. Immediately take action as may be reasonably possible to minimize or abate pollution to waters of the state or potential impacts to human health caused thereby. If directed by the MPCA, the Permittee shall consult with other local, state, or federal agencies for implementation of abatement, clean up, or remediation activities; and D. Only allow bypass wastewater as specified in this section to enter waters of the state from outfalls specifically authorized by this permit. The Permittee shall collect samples at the frequency and location identified in this permit or two times per week for as long as the bypass continues, whichever is more frequent. The Permittee shall also follow the reporting requirements for effluent violations as specified in this permit. [40 CFR 122.41(m)(4)i, Minn. R. 7001.1090, subp. 1(K), Minn. Stat. ch. 115.061]
5.6.202	Operation and Maintenance. [Minn. R. 7001]
5.6.203	The Permittee shall at all times properly operate and maintain the facilities and systems of treatment and control, and the appurtenances related to them which are installed or used by the Permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing

		and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. The Permittee shall install and maintain appropriate backup or auxiliary facilities if they are necessary to achieve compliance with the conditions of the permit and, for all permits other than hazardous waste facility permits, if these backup or auxiliary facilities are technically and economically feasible. [Minn. R. 7001.0150, subp. 3(F)]
	5.6.204	In the event of a reduction or loss of effective treatment of wastewater at the facility, the Permittee shall control production or curtail discharges to the extent necessary to maintain compliance with the terms and conditions of this permit. The Permittee shall continue this control or curtailment until they restore facility treatment processes or until the Permittee provides an alternative method of treatment. [Minn. R. 7001.1090, subp. 1(C)]
	5.6.205	Solids Management. The Permittee shall properly store, transport, and manage biosolids, septage, sediments, residual solids, filter backwash, screenings, oil, grease, and other substances so that pollutants do not enter surface waters or groundwaters of the state. The Permittee shall manage solids in accordance with local, state, and federal requirements. [40 CFR 503, Minn. R. 7041]
	5.6.206	Scheduled Maintenance. The Permittee shall schedule maintenance of the treatment works during non-critical water quality periods to prevent water quality degradation, except where the facility requires emergency maintenance to prevent a condition that would be detrimental to water quality or human health. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.0150, subp. 3(F)]
	5.6.207	Control Tests. The Permittee shall conduct in-plant control tests at a frequency adequate to ensure compliance with the conditions of this permit. [Minn. R. 7001.0150, subp. 2(B), Minn. R. 7001.0150, subp. 3(F)]
	5.6.208	Changes to the Facility or Permit. [Minn. R. 7001]
	5.6.209	Permit Modifications. Except as provided under Minn. Stat. ch. 115.07, subd. 1 and 3, no person required by statute or rule to obtain a permit may construct, install, modify, or operate the facility to be permitted, nor shall a person commence an activity for which a permit is required by statute or rule until the MPCA issues a written permit for the facility or activity. Permittees that propose to make changes to the facility or discharge that requires permit modification shall follow Minn. R. 7001.0190. If the Permittee cannot determine whether the proposed changes require a permit modification, the Permittee shall contact the MPCA prior to any action. The MPCA recommends that Permittees submit the application for permit modification to the MPCA at least 180 days prior to the planned change. [Minn. R. 7001.0300]
	5.6.210	This permit does not require plans, specifications, and MPCA approval when maintenance dictates the need for installation of new equipment, provided the equipment is the same design size and has the same design intent. For instance, Permittees can replace a broken pipe, lift station pump, aerator, or blower with the same design-sized equipment without MPCA approval. If this permit does not expressly authorize the Permittee proposed construction, the MPCA may require a permit modification. If the proposed construction project requires an Environmental Assessment Worksheet under Minn. R. 4410, no construction shall begin until the MPCA issues a negative declaration and the Permittee receives or implements all approvals. [Minn. R. 7001.0030]
	5.6.211	Report Changes. The Permittee shall give advance notice as soon as possible to the MPCA of any substantial changes in operational procedures, activities that may alter the nature or frequency of the discharge, and/or material factors that may affect compliance with the conditions of this permit. If a permittee who indicated on their application that their site does not have stormwater discharge but that changes, the Permittee is required to submit an application for permit modification to indicate the change in status and meet the monitoring and reporting requirements of the permit. [Minn. R. 7001.0150, subp. 3(M)]
	5.6.212	Chemical Additives. The Permittee shall receive prior written approval from the MPCA before

	increasing the use of a chemical additive authorized by this permit, or using a chemical additive not authorized by this permit, in quantities or concentrations that have the potential to change the characteristics, nature, and/or quality of the discharge. The Permittee shall request approval for an increase or new use of a chemical additive at least 60 days, or as soon as possible, before the proposed increase or new use. The Permittee shall include at least the following information for the proposed additive as instructed in the chemical additive approvals section on the MPCA website at https://www.pca.state.mn.us/water/wastewater-additional-guidance-and-information: A. The process for which the additive will be used; B. Safety Data Sheet (SDS) which shall include aquatic toxicity, human health, and environmental fate information for the proposed additive. The aquatic toxicity information shall include at minimum the results of: a) a 48-hour LC50 or EC50 acute study for a North American freshwater planktonic crustacean (either Ceriodaphnia or Daphnia sp.) and b) a 96-hour LC50 acute study for rainbow trout, bluegill, or fathead minnow or another North American freshwater aquatic species other than a planktonic crustacean; C. A complete product use and instruction label; D. The commercial and chemical names and Chemical Abstract Survey (CAS) number for all ingredients in the additive (If the SDS does not include information on chemical composition, including percentages for each ingredient totaling to 100%, the Permittee shall contact the supplier to have this information provided); and E. The proposed method of application, application frequency, concentration, and daily average and maximum rates of use. Upon review of the information submitted regarding the proposed chemical additive, the MPCA may require additional information be submitted for consideration. This permit may be modified to restrict the use or discharge of a chemical additive and include additional influent and effluent monitoring requirements. Approval for the use of an additive shall not justify the exceedance of any effluent limitation nor shall it be used as a defense against pollutant levels in the discharge causing or contributing to the violation of a water quality standard. [Minn. R. 7001.0170]
5.6.213	MPCA Initiated Permit Modification, Suspension, or Revocation. The MPCA may modify or revoke and reissue this permit pursuant to Minn. R. 7001.0170. The MPCA may revoke without reissuance of this permit pursuant to Minn. R. 7001.0180. [Minn. R. 7001.0170, Minn. R. 7001.0180]
5.6.214	Total Maximum Daily Load (TMDL) Impacts. The MPCA may require facilities that discharge to an impaired surface water, watershed, or drainage basin to comply with additional permits or permit requirements. These requirements can include additional restriction or relaxation of limits and monitoring as authorized by the CWA 303(d)(4)(A) and 40 CFR ch. 122.44(l)(2)(i), necessary to ensure consistency with the assumptions and requirements of any applicable EPA approved wasteload allocations resulting from TMDL studies. [40 CFR 122.44(l)(2)i]
5.6.215	Permit Transfer. This permit is not transferable to any person without the express written approval of the MPCA after compliance with the requirements of Minn. R. 7001.0190. A person who receives permit transference shall comply with the conditions of this permit. [Minn. R. 7001.0150, subp. 3(N)]
5.6.216	Facility Closure. The Permittee is responsible for closure and post-closure care of the facility. The Permittee shall notify the MPCA of a significant reduction or cessation of the activities described in this permit at least 180 days before the reduction or cessation. The MPCA may require the Permittee to provide a Facility Closure Plan to the MPCA for approval. The MPCA may require a permit modification or reissuance for facility closure that could result in a potential long-term water quality concern, such as the ongoing discharge of wastewater to surface or groundwater.

		The MPCA may require the Permittee to establish and maintain financial assurance to ensure performance of certain obligations under this permit, including closure, post-closure care, and remedial action at the facility. If the MPCA requires financial assurance, the MPCA shall approve the amount and type of financial assurance, and proposed modifications to previously MPCA-approved financial assurance. [Minn. Stat. ch. 116.07, subd. 4]
	5.6.217	Permit Reissuance. If the Permittee desires to continue permit coverage beyond the date of permit expiration, the Permittee shall submit an application for permit reissuance : Due by 180 days prior to permit expiration. [Minn. R. 7001.0040]
	5.6.218	If the Permittee does not intend to continue the activities authorized by this permit after the expiration date of this permit, the Permittee shall notify the MPCA in writing at least 180 days before permit expiration. If the Permittee has submitted a timely application for permit reissuance, the Permittee may continue to conduct the activities authorized by this permit, in compliance with the requirements of this permit, until the MPCA takes final action on the application, unless the MPCA determines any of the following: A. The Permittee is not in substantial compliance with the requirements of this permit, or with a stipulation agreement or compliance schedule designed to bring the Permittee into compliance with this permit; B. The MPCA, as a result of an action or failure to act by the Permittee, has been unable to take final action on the application on or before the expiration date of the permit; or C. The Permittee has submitted an application with major deficiencies or has failed to properly supplement the application in a timely manner after being informed of deficiencies. [Minn. R. 7001.0040, Minn. R. 7001.0160]
	5.6.219	Termination of General Permit Coverage. Upon reclamation and stabilization of all permitted sites, the covered applicant shall submit a request for termination of general permit coverage using the Notification of Permit Termination e-services. Guidance is available on the MPCA website at: https://www.pca.state.mn.us/sites/default/files/p-gen1-18.pdf . [Minn. Stat. ch. 116.07]
	5.6.220	All discharges shall cease before a termination request form is submitted to the MPCA. Any discharge of pollutants to surface or groundwaters or land on or after the date of submittal shall be considered a violation of the Clean Water Act unless authorized by another NPDES permit. All land disturbances or alterations that are a result of the activities covered under this permit must be stabilized prior to submittal for closure, or the closure of those areas must have coverage under another NPDES permit. [Minn. Stat. ch. 116.07]
	5.6.221	The terms and conditions of the General Permit remain in full force and effect including the payment of the annual fee, until General Permit coverage has been formally terminated by the MPCA. [Minn. R. 7002]
	5.6.222	Permit Specific Definitions. [Minn. R. 7001]
	5.6.223	"Active Facility" means a place where work or other activity related to the production of asphalt and ready-mix / concrete products and extraction, removal, or recovery of nonmetallic minerals is being conducted. For surface mines, this definition does not include any land where grading has returned the earth to desired contour and stabilization has begun. This definition is derived from the definition of 'active mining area' found at 40 CFR pt. 440.132(a). [40 CFR 440.132(a), State Definitions]
	5.6.224	"Asphalt cement" means fluxed or unfluxed asphalt specially prepared for direct use in the manufacture of asphalt pavements. [State Definitions]
	5.6.225	"Asphalt Emulsion" means a mixture of asphalt cement, chemical, and water solution. Asphalt emulsions are produced by adding an emulsifying agent to asphalt and water. [State Definitions]
	5.6.226	"Asphalt pavement" means a mixture of asphalt cement (asphalt binder), aggregate, and other additives; may also be referred to as asphalt concrete (AC), bituminous mix (BM), and sometimes asphaltic concrete (HMAC). [State Definitions]
	5.6.227	"Effluent Monitoring Location" for the purposes of this permit means the location(s) within

		the boundary of the facility where the Permittee will collect mine dewatering and/or authorized non-stormwater discharges. The effluent monitoring location(s) selected by the Permittee shall be in a location that: A. Is immediately below the most down-gradient BMP from the specific industrial activity that has a numeric effluent limit, but prior to where the discharge co-mingles with stormwater from other sources. B. Yields a sample that represents the contribution of the pollutants for which the Permittee is required to monitor. [State Definitions]
	5.6.228	"Energy Dissipation" means methods employed at pipe outlets to prevent erosion. Examples include, but are not limited to: concrete aprons, riprap, splash pads, and gabions that are designed to prevent erosion. [State Definitions]
	5.6.229	"Facility" for the purposes of this permit, means land that shares a common border and that has a stormwater discharge associated with industrial activity as defined by 40 CFR Part 122.26(b)(14) with the discharge having a common owner/operator. [40 CFR pt. 122, 26(b)(14), State Definitions]
	5.6.230	"Impaired Water" means waters identified as impaired by the MPCA, and approved by the USEPA, pursuant to section 303(d) of the Clean Water Act (33 U.S.C. Section 303(d)). [CWA Sect. 303.d, State Definitions]
	5.6.231	"Impoundments" mean topographic depressions designed to hold liquid. [State Definitions]
	5.6.232	"Inactive Facility" means a site or portion of a site where nonmetallic mineral mining and/or milling, asphalt production and ready-mix concrete production occurred in the past but is not an Active Facility. The Permittee does not anticipate mining and/or associated activities to occur in the foreseeable future and has requested the permit coverage at this inactive portion be terminated, and the inactive portion is no longer covered by an active mining permit. [State Definitions]
	5.6.233	"Infeasible" means not technologically possible or not economically practicable and achievable in light of the best industry practices. [State Definitions]
	5.6.234	"Infiltration Device" for purposes of this permit, means a device to which industrial stormwater runoff is diverted, collected, or conveyed for the purpose of infiltration. This includes all man-made and natural infiltration areas to which runoff are diverted. An infiltration device does not include the parts of the system that diverts, collects, or conveys stormwater. Incidental infiltration from conveyances such as swales or ditches, including those with erosion prevention devices such as vegetation, silt fence, or fiber bails, is not an infiltration device. However, swales, ditches, or similar devices constructed with stop logs, ditch excavation for storage or other retention devices, which are for the purpose of increased infiltration, are infiltration devices. Wetlands (including types 1 through 8) and other natural surface water bodies are not infiltration devices or parts of infiltration device systems, and cannot be used as infiltration devices, unless mitigated in accordance with applicable state rules. [State Definitions]
	5.6.235	"Karst topography" means an area underlain by fractured carbonate bedrock in which erosion has produced geological characteristics such as: sinkholes; springs, subsurface drainage; caves; sinking streams; dissolutionally enlarged joints (grikes) or bedding planes, and bedrock surface channels (karren). Counties known for karst features include parts of Dakota, Rice, Dodge, and Mower, and most of Goodhue, Olmsted, Winona, Wabasha, Houston and Fillmore. [State Definitions]
	5.6.236	"Mine Pit Dewatering" means any water that is impounded or that collects in the mine and is pumped from the mine through the efforts of the mine operator. Uncontaminated groundwater and stormwater collecting in a low area in which there is a stormwater outlet for stormwater/seepage/drainage by gravity overflow shall not be considered mine pit dewatering. However, if a mine is also used for treatment of process generated wastewater, discharges of commingled water from the facilities shall be deemed discharge of process generated wastewater and is not authorized under this permit. [State Definitions]
	5.6.237	"Non-Stormwater Discharge" means any discharge not comprised entirely of stormwater.

		[State Definitions]
	5.6.238	"Operator" is the person responsible for the overall operation of an industrial facility under Minn. R. pt. 7090.3000. [Minn. R. 7090.3000, State Definitions]
	5.6.239	"Owner" is the person who owns an industrial facility or part of an industrial facility under Minn. R. pt. 7090.3000. [Minn. R. 7090.3000, State Definitions]
	5.6.240	"Person" means any human being, any municipality or other governmental or political subdivision or public MPCA, any public or private corporation, any partnership, firm, association, or other organization, any receiver, trustee, assignee, agent, or other legal representative of any of the foregoing, or any other legal entity, but does not include the MPCA. [State Definitions]
	5.6.241	"Pipes" mean hollow cylinders or tubes constructed of non-earthen materials. [State Definitions]
	5.6.242	"Pollution Prevention Plan" (Plan) means a plan for stormwater and non-stormwater discharges that include facility-specific activities and actions to, first, identify sources of pollution or contamination at the facility, and second, select and implement BMPs to eliminate or reduce contact of stormwater with significant materials and non-stormwater discharges that may result in polluted runoff from the facility. [State Definitions]
	5.6.243	"Primary Standard Industrial Classification (SIC) Code" for the purposes of this permit, is the SIC code associated with the industrial activity that generates the greatest revenue. If revenue data is not available, the owner/operator shall base the determination on the number of employees engaged in the industrial activity. If it is not possible to determine the primary SIC code using either of these two methods, the owner/operator shall base the determination on the SIC code with the greatest production. The industrial activity that generates the greatest revenue, employs the most personnel, or has the greatest production, is the industrial activity assigned the primary SIC code. [State Definitions]
	5.6.244	"Reclamation" means activities undertaken in compliance with applicable mined land reclamation requirements following the cessation of activities associated with extraction, removal and recovery of nonmetallic minerals, intended to return the land to an appropriate post-mining land use. [State Definitions]
	5.6.245	"Seasonal High Water Table" means the highest level the water table reaches during a given year. Methods of determining the seasonal high water table are given in part 7041.3400, subpart 3. [Minn. R. 7041.0100, Subp. 48]
	5.6.246	"Sediment Control" means methods employed to prevent sediment from leaving the site. Sediment control practices include silt fences, sediment traps, earth dikes, drainage swales, check dams, subsurface drains, pipe slope drains, storm drain inlet protection, and temporary or permanent sedimentation basins. [Minn. R. 7041.0100, Subpt. 48, Minn. R. 7041.3400, Subp. 3, State Definitions]
	5.6.247	"Significant Materials" includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); any chemical the facility is required to report pursuant to Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA); fertilizers; pesticides; and waste products such as ashes, slag, and sludge that have the potential to be released with stormwater discharges. When determining whether a material is significant, the physical and chemical characteristics of the material should be considered (e.g. the material's solubility, transportability, and toxicity characteristics) to determine the material's pollution potential. [40 CFR pt. 122, 26(b)(12)]
	5.6.248	"Small Construction Activity" means small construction activity as defined in 40 CFR part 122.26(b)(15). Small construction activities include clearing, grading and excavating that result in land disturbance of equal to or greater than one acre and less than five acres. Small construction activity includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one and less than five acres. [State Definitions]

5.6.249	"Stormwater Pond" for purposes of this permit means constructed detention or retention facilities for the treatment of stormwater runoff under the requirements of this permit. This includes permanent ponds, dry ponds, flow equalization ponds (followed by other BMPs), and constructed wetlands. However, natural wetlands (including types 1-8) and other natural surface water bodies are not industrial stormwater ponds, parts of ponds or pond systems, and cannot be used as BMPs for stormwater treatment unless mitigated in accordance with applicable state rules. [State Definitions]
5.6.250	"Structural BMPs" refers to the installation of devices that will reduce or eliminate pollutants to stormwater through installation of permanent structural devices to treat or control runoff. Examples of structural BMPs include but are not limited to installation of stormwater diversion berms or channels; sedimentation basins (retention or detention basins); oil/water separators; grit chambers; roofs, awnings, or buildings to cover significant material. [State Definitions]
5.6.251	"Tanks" means a container, vessel, or enclosure designed to contain substances and is constructed of materials such as concrete, steel, plastic, or fiberglass reinforced plastic, and provides structural support. [State Definitions]
5.6.252	"Temporarily Inactive Facility" means a site or portion of a site where nonmetallic mineral mining and/or milling, asphalt production and ready-mix concrete production occurred in the past but currently are not being actively undertaken and permit coverage is being maintained for the possibility of mining and/or associated activities in the foreseeable future. [State Definitions]
5.6.253	"Treatment Works" means any plant, disposal field, lagoon, dam, pumping station, constructed drainage ditch or surface water intercepting ditch, or other works not specifically mentioned herein, installed for the purpose of treating, stabilizing or disposing of sewage, industrial waste, or other wastes. For the purposes of this permit, this includes stormwater ponds, sedimentation basins and/or infiltration devices for stormwater management. [Minn. Stat. ch. 115.01, Subpt. 21, State Definitions]
5.6.254	"Water Quality Standards" means those provisions contained in Minn. R Chapters 7050 and 7052. [Minn. R. 7050, Minn. R. 7052, State Definitions]
5.6.255	"Wetlands" means those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas. Constructed wetlands designed for wastewater treatment are not waters of the state. Wetlands must have the following attributes: A. a predominance of hydric soils; B. inundated or saturated by surface water or groundwater at a frequency and duration to support a prevalence of hydrophytic vegetation typically adapted for life in a saturated soil condition; and, C. under normal circumstances support a prevalence of such vegetation. [Minn. R. 7050.0186, Subpt. 1(a)B, State Definitions]

3. Submittal action summary

SD 001	MNG49 Stormwater, Non-specific	
		Surface Discharge: MNG49 Subsectors D1, J1, J2
	6.1.1	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
SD 002	MNG49 Stormwater, Non-specific	
		Surface Discharge: MNG49 Subsector E2
	6.2.1	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
SD 003	MNG49 Dewatering	
		Surface Discharge: MNG49 Dewatering from Construction Sand and Gravel (1442)
	6.3.1	The Permittee shall submit a quarterly DMR : Due by 21 days after the end of each calendar quarter following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
	6.3.2	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
SD 004	MNG49 Dewatering	
		Surface Discharge: MNG49 Dewatering from Industrial Sand Mining (1446)
	6.4.1	The Permittee shall submit a monthly DMR : Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001]
SD 005	MNG49 Dewatering	
		Surface Discharge: MNG49 Dewatering from Subsector J2 (1411, 1422, 1423, 1429)
	6.5.1	The Permittee shall submit a quarterly DMR : Due by 21 days after the end of each calendar quarter following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
	6.5.2	The Permittee shall submit an annual DMR : Due by 21 days after the end of each calendar year following permit issuance. [Minn. R. 7001.0150, Subp. 2(B)]
MNG490000	Nonmetallic Mining/Associated Activities General Permit	
		Non-Metallic Mining and Associated Activities General Permit Requirements
	6.6.1	Permit Reissuance. If the Permittee desires to continue permit coverage beyond the date of permit expiration, the Permittee shall submit an application for permit reissuance : Due by 180 days prior to permit expiration. [Minn. R. 7001.0040]

4. Limits and monitoring

Subject item	Parameter	Discharge limitations					Monitoring requirements					Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
SD 001 Subsector J1, J2 & D1 Industrial Stormwater	Solids, Total Suspended (TSS)					Monitor only. calendar year average intervention		milligrams per liter	twice per year	Grab	Jan-Dec	Any reported value >100 mg/L exceeds the intervention limit. If the discharge is within 1 mile of an ORVW, trout stream, or trout lake, the intervention limit is 65 mg/L.
SD 002 Subsector E2 Industrial Stormwater	Iron, Total (as Fe)					Monitor only. calendar year average intervention		milligrams per liter	twice per year	Grab	Jan-Dec	Any reported value >1.0 mg/L exceeds the intervention limit.
SD 002 Subsector E2 Industrial Stormwater	Solids, Total Suspended (TSS)					Monitor only. calendar year average intervention		milligrams per liter	twice per year	Grab	Jan-Dec	Any reported value >100 mg/L exceeds the intervention limit. If the discharge is within 1 mile of an ORVW, trout stream, or trout lake, the intervention limit is 65 mg/L.
SD 003 SIC 1442 Dewatering	Flow		Monitor only. calendar quarter total	million gallons		Monitor only. calendar quarter average		million gallons per day	once per quarter	Measurement, Continuous	Jan-Dec	
SD 003 SIC 1442 Dewatering	Nitrite Plus Nitrate, Total (as N)					Monitor only. calendar year average		milligrams per liter	once per year	Grab	Jan-Dec	
SD 003 SIC 1442 Dewatering	Nitrogen, Kjeldahl, Total					Monitor only. calendar year average		milligrams per liter	once per year	Grab	Jan-Dec	
SD 003 SIC 1442 Dewatering	pH				6.5 calendar quarter		8.5 calendar quarter	standard units	once per quarter	Grab	Jan-Dec	

Subject item	Parameter	Discharge limitations						Monitoring requirements				Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
					minimum		maximum					
SD 003 SIC 1442 Dewatering	Phosphorus, Total (as P)					Monitor only. calendar quarter average		milligrams per liter	once per quarter	Grab	Jan-Dec	
SD 003 SIC 1442 Dewatering	Solids, Total Suspended (TSS)						30 daily maximum	milligrams per liter	once per quarter	Grab	Jan-Dec	
SD 004 SIC 1446 Dewatering	Flow		Monitor only. calendar month total	million gallons		Monitor only. calendar month average		million gallons per day	once per month	Measurement, Continuous	Jan-Dec	
SD 004 SIC 1446 Dewatering	Nitrite Plus Nitrate, Total (as N)					Monitor only. calendar year average		milligrams per liter	once per year	Grab	Dec	
SD 004 SIC 1446 Dewatering	Nitrogen, Kjeldahl, Total					Monitor only. calendar year average		milligrams per liter	once per year	Grab	Dec	
SD 004 SIC 1446 Dewatering	pH				6.5 calendar quarter minimum		8.5 calendar quarter maximum	standard units	once per quarter	Grab	Mar, Jun, Sep, Dec	
SD 004 SIC 1446 Dewatering	Phosphorus, Total (as P)					Monitor only. calendar quarter average		milligrams per liter	once per quarter	Grab	Mar, Jun, Sep, Dec	
SD 004 SIC 1446 Dewatering	Solids, Total Suspended (TSS)					25 calendar month average	45 daily maximum	milligrams per liter	once per month	Grab	Jan-Dec	
SD 005 SUBSECTOR J2 Dewatering	Flow		Monitor only. calendar quarter total	million gallons		Monitor only. calendar quarter average		million gallons per day	once per quarter	Measurement, Continuous	Jan-Dec	

Permit issued: June 10, 2022
 Permit expires: May 31, 2027

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Subject item	Parameter	Discharge limitations					Monitoring requirements					Notes
		Quantity /Loading avg.	Quantity /Loading max.	Quantity /Loading units	Quality /Conc. min.	Quality /Conc. avg.	Quality /Conc. max.	Quality/ Conc. units	Frequency	Sample type	Effective period	
SD 005 SUBSECTOR J2 Dewatering	Nitrite Plus Nitrate, Total (as N)					Monitor only. calendar year average		milligrams per liter	once per year	Grab	Jan-Dec	
SD 005 SUBSECTOR J2 Dewatering	Nitrogen, Kjeldahl, Total					Monitor only. calendar year average		milligrams per liter	once per year	Grab	Jan-Dec	
SD 005 SUBSECTOR J2 Dewatering	pH				6.5 calendar quarter minimum		8.5 calendar quarter maximum	standard units	once per quarter	Grab	Jan-Dec	
SD 005 SUBSECTOR J2 Dewatering	Phosphorus, Total (as P)					Monitor only. calendar quarter average		milligrams per liter	once per quarter	Grab	Jan-Dec	
SD 005 SUBSECTOR J2 Dewatering	Solids, Total Suspended (TSS)						30 daily maximum	milligrams per liter	once per quarter	Grab	Jan-Dec	



Council-Staff Goalsetting Report, 2024/2025

Council and staff met on May 25, 2024 to discuss citywide goals for the next 12-18 months. Many topics were covered, including City services, growth-related operational and staffing needs, infrastructure needs, City communications, and City facility/building needs. Councilmembers noted their desire to balance all growth-related needs in making decisions for capital plans and future budgets.

After lengthy discussion regarding future City facility needs, Council provided direction to staff to begin working on preliminary design for a combined Police Department/City Hall Campus, assumed to be located on the former Boyer site. Specific direction was also provided to increase the frequency of City newsletters, which has already begun to be implemented.

Other identified goals were then voted upon, resulting in the ranked order below. Many of the items below are already in process, and will provide a guide to staff and Council in decision making.

2024 Council-Staff Goalsetting: Final Vote Tally of Identified Goals

Goal	Vote Tally
Tier 1 Goals	
Campus/City Hall/PD	12
Economic Development Strategic Plan/Business Subsidy Policy	11
Strong COLA for 2025 to Retain Recruitment/Retention	10
Tier 2 Goals	
PD In-House Social Worker/Wellness Coach Position	7
Maximize Turf Field Size	7
Visioning Process	6
ERP (Enterprise Resource Planning)/Inspections Software	5
Assistant Fire Chief of Training Position	5
Tier 3 Goals	
Council Input Into Newsletter Items/Increased Newsletter Frequency	4
Alternative Development Inspection Process	4
Promoting City Externally	4
Shift Façade Grant Funding to Community Marketing	4
Focus on Med-Tech/Engineering Level/Unique Businesses	4

Eliminate School Tunnel (Unless School adds funding)	4
Other Goals	
Fire Station #1 Remodel/Office & Training Areas	3
Smooth Levy Changes	2
Tie in City Branding Citywide	2
Acquire Land for Station #3	2
Fire Weekend Duty Crew Program	2
In-House Building Inspections	2
Fire Inspector Educator Position	1