



Building a Better World
for All of Us®

MEMORANDUM

TO: Mayor and City Council
Ken Ondich, Planning / Community Development Director

FROM: Chris Knutson, PE (Lic. MN)

DATE: February 12, 2025

RE: City Center Grading Plan – Phase 1
Resolution Approving Plans and Specifications for Quotes
SEH No. NEWPR 180839

APPROVING PLANS FOR SOLICITATION OF QUOTES

In preparation for future improvements to the City Center, including the proposed New Prague Praha Performance Stage, grading and general site improvements are proposed for the City-owned parking area generally located west of 2nd Street NW and north of Main Street (TH19). The initial phase of improvements will include the removal of most gravel surfacing and replacement with topsoil and grass. Site grading specific to the stage includes the establishment of the turf performance area seating. Upon completion of this improvement, most general site work will be complete in preparation for construction of the performance stage.

The construction cost estimate for this improvement is \$124,000, allowing the City to directly solicit quotes from contractors instead of following the public advertisement process.

STAFF/ENGINEER RECOMMENDATION

It is recommended that the City Council approve city staff and SEH to solicit quotes for CITY CENTER GRADING PLAN PHASE 1. It is anticipated that quotes will be received by March 7th to allow award at the March 17th council meeting.

cdk

x:\ko\n\newpr\180839\1-gen\16-meet\021825 council meeting\memo approve plans and quotes 02.12.25.docx

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 11 Civic Center Plaza, Suite 200, Mankato, MN 56001-7710

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CITY CENTER GRADING PROJECT				TOTAL	
New Prague, Minnesota					
Final Cost Estimate					
Item No.	Item	Unit	Unit Price	Est. Quantity	Est. Cost
Street, Curb & Gutter, Sidewalk, Driveways, Drainage Pipe					
1	MOBILIZATION	LUMP SUM	\$ 10,000.00	1.0	\$ 10,000
2	SITE GRADING	LUMP	\$ 1.00	95,000.0	\$ 95,000
3	TRAFFIC CONTROL	LUMP SUM	\$ 2,000.00	1.0	\$ 2,000
4	STORM DRAIN INLET PROTECTION	EACH	\$ 200.00	6.0	\$ 1,200
5	TEMPORARY ROCK ENTRANCE	EACH	\$ 1,300.00	1.0	\$ 1,300
6	SILT FENCE	LIN FT	\$ 2.00	1,500.0	\$ 3,000
7	WATER (TURF ESTABLISHMENT)	M GALLO	\$ 70.00	20.0	\$ 1,400
8	TURF ESTABLISHMENT (PERMANENT)	LUMP	\$ 10,000.00	1.00	\$ 10,000
	Site Grading Subtotal				\$ 124,000

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN EXCEPT AS MODIFIED BY THE SPECIFICATIONS FOR THIS PROJECT.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

NEW PRAGUE, MINNESOTA SCOTT COUNTY, MINNESOTA CONSTRUCTION PLANS FOR CITY CENTER GRADING PLAN PHASE 1

REMOVALS, SITE GRADING, RESTORATION

EXISTING	
	RIGHT OF WAY
	PERMANENT EASEMENT
	PROPERTY LINE
	HORIZONTAL CONTROL POINT
	BENCHMARK
	SURVEY MARKER
	SOIL BORING
	SANITARY SEWER AND MANHOLE
	FORCE MAIN AND LIFT STATION
	SANITARY SEWER SERVICE & CLEANOUT
	WATER MAIN, HYDRANT, VALVE AND MANHOLE
	WATER SERVICE AND CURB STOP BOX
	STORM SEWER, MANHOLE AND CATCH BASIN
	CULVERT AND APRON ENDWALL
	GAS MAIN, VALVE, VENT AND METER
	HANDHOLE
	BURIED FIBER OPTIC CABLE AND MANHOLE
	BURIED PHONE CABLE, PEDESTAL AND MANHOLE
	BURIED TV CABLE, PEDESTAL AND MANHOLE
	BURIED ELECTRIC CABLE, PEDESTAL, MANHOLE, TRANSFORMER AND METER
	OVERHEAD WIRE, POLE AND GUY WIRE
	LIGHT POLE
	TRAFFIC SIGNAL
	STREET NAME SIGN
	SIGN (NON STREET NAME)
	RAILROAD TRACKS
	DECIDUOUS AND CONIFEROUS TREE
	BUSH / SHRUB AND STUMP
	EDGE OF WOODED AREA
	WETLAND
	BUILDING
	FENCE (UNIDENTIFIED)
	BARBED WIRE FENCE
	CHAIN LINK FENCE
	ELECTRIC WIRE FENCE
	WOOD FENCE
	WOVEN WIRE FENCE
	PLATE BEAM GUARDRAIL
	CABLE GUARDRAIL
	POST / BOLLARD
	RETAINING WALL
PROPOSED	
	STREET CENTERLINE
	RIGHT-OF-WAY
	PERMANENT EASEMENT
	TEMPORARY EASEMENT
	CONSTRUCTION LIMITS
	SANITARY SEWER, BULKHEAD AND MANHOLE
	FORCE MAIN
	SANITARY SERVICE AND CLEANOUT
	WATER MAIN, TEE, HYDRANT, BULKHEAD AND VALVE
	WATER VALVE MANHOLE, REDUCER, BEND AND CROSS
	WATER SERVICE AND CURB STOP BOX
	STORM SEWER, MANHOLE AND CATCH BASIN
	CULVERT AND APRON ENDWALL
	DRAIN TILE
	DITCH / SWALE
	RIPRAP
	STREET NAME SIGN
	SIGN (NON STREET NAME)
	RETAINING WALL



INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CONSTRUCTION NOTES AND DETAILS
3	GRADING AND EROSION CONTROL PLAN
4-5	SWPPP
6	FUTURE PHASING (INFORMATIONAL ONLY)
THIS PLAN CONTAINS 7 SHEETS.	

PROJECT LOCATION



APPROVED: *Chris Kuntz* 2/18/2025
CITY ENGINEER OF NEW PRAGUE DATE

NEW PRAGUE, MINNESOTA



Chris Kuntz PROJECT NO. NP 180839
Signature 1 of 6
Date: 2/18/2025 Lic. No. 49534

NOTE:
THE SUBSURFACE UTILITY QUALITY INFORMATION IN THIS PLAN IS LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02 ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

THE CONTRACTOR SHALL CALL THE GOPHER STATE ONE CALL SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.



Know what's below.
Call before you dig.

GENERAL NOTES

BITUMINOUS SURFACING AND CONCRETE ITEMS REMOVED BY CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OUTSIDE OF THE PROJECT LIMITS, IN ACCORDANCE WITH THE PROVISIONS OF SPEC 2104 AND 2105 UNLESS USED AS AGGREGATE BASE PER SPEC 32 11 22.

TEMPORARY STOCKPILING OF EXCAVATION, EMBANKMENT AND/OR BORROW MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT FOR WHICH NO DIRECT COMPENSATION WILL BE MADE.

DURING THE CONSTRUCTION OPERATIONS, IF ANY MATERIAL IS DEPOSITED IN THE FLOW LINE OF ANY GUTTERS OR DRAINAGE STRUCTURE SUCH THAT THE FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EVERY WORKING DAY, AT THE CONCLUSION OF OPERATIONS, ALL DRAINAGE FACILITIES SHALL BE CLEAN AND FREE OF ANY OBSTRUCTIONS. THE COST OF THIS WORK SHALL BE INCIDENTAL.

WHEREVER THE WORD "INCIDENTAL" OR "(INC.)" IS USED, IT SHALL MEAN THAT NO DIRECT COMPENSATION WILL BE MADE.

UNLESS SHOWN ON PLANS, CONSTRUCTION LIMITS SHALL BE WITHIN CITY R/W OR TEMPORARY/PERMANENT EASEMENTS.

CONTRACTOR IS REQUIRED TO APPLY AND PAY PERMIT FEES FOR ALL THE NPDES PERMIT. SEE SUPPLEMENTARY CONDITIONS, SECTION 00 73 00 FOR STATUS OF OTHER PROJECT PERMITS.

EROSION PROTECTION

THE CONTRACTOR SHALL FOLLOW BEST MANAGEMENT PRACTICES AND SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. THIS SHALL INCLUDE THE USE SAND BAG BARRIERS, OR GEOTEXTILE SILT FENCES, WHEN NECESSARY, WHICH WILL ALLOW MOVEMENT OF WATER BUT RETAIN SEDIMENT SO AS TO PROTECT ERODIBLE OR POLLUTABLE AREAS FROM DAMAGING INLETS. IF PRIOR TO TURF ESTABLISHMENT THE EROSION CHECKS AND DAMS BECOME LOADED WITH SEDIMENT IN A MAGNITUDE THAT WOULD LESSEN THEIR EFFECTIVENESS, THE CONTRACTOR SHALL REMOVE THE SEDIMENT AND/OR REPLACE THE SAND BAGS OR FENCES. AFTER THE EROSION CHECKS HAVE SERVED THEIR USEFULNESS, THE CONTRACTOR SHALL REMOVE THE EROSION CHECKS FROM THE STRUCTURES.

GOVERNING SPECIFICATION

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND FIELD MANUAL.

UTILITY CONTACTS		
COMPANY NAME	CONTACT	INFO
COMCAST	RODGER MEYER	651-387-4903
BEVCOMM	ADAM OBERMEYER	507-526-2822
CENTERPOINT	ANNAH ANDERSON	612-749-3556
NEW PRAGUE PUBLIC UTILITIES	BRUCE REIMERS	952-758-1142

WARNING NOTE

CONTRACTOR SHALL CONTACT "GOPHER ONE" FOR LOCATION OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, VALVES, MANHOLES, OR OTHER BURIED STRUCTURE BEFORE DIGGING (1-800-252-1166).

CONTRACTOR SHALL REPAIR ANY OF THE ABOVE WHICH ARE REMOVED OR DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

SUBSURFACE UTILITY QUALITY LEVEL

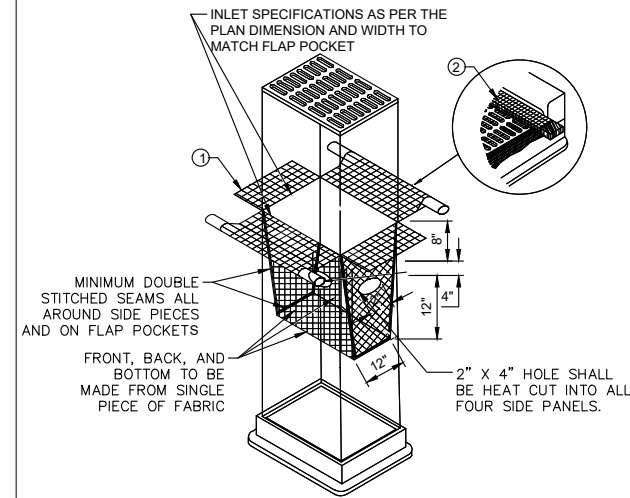
THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED, "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES".

THE CONTRACTOR SHALL CALL THE ONE CALL SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.

EARTHWORK SUMMARY	
MISCELLANEOUS EXCAVATION (EV)	2,025 CY
COMMON EMBANKMENT (CV)	625 CY
TOPSOIL EMBANKMENT (CV)	2,290 CY

EARTHWORK NOTES

- OWNER WILL MAKE AVAILABLE APPROXIMATELY 650 CY (LV) TO CONTRACTOR TO UTILIZE FOR TOPSOIL EMBANKMENT. MATERIAL IS STORED AT CITY COMPOST SITE.
- EXCAVATED MATERIAL INCLUDES REMOVAL OF ALL MATERIAL TO MINIMUM 6" BELOW PROPOSED GRADE.
- COMMON EMBANKMENT TO INCLUDE SUITABLE GRADING MATERIAL OR TOPSOIL. EMBANKMENT INCLUDES MATERIAL REQUIRED TO BRING SITE TO 6" BELOW FINAL PROPOSED GRADE.
- TOPSOIL TO BE PLACED A MINIMUM 6" DEPTH (COMPACTED) ACROSS ENTIRE SITE AS SHOWN ON DRAWINGS.
- CONTRACTOR TO SALVAGE A MINIMUM 500 CY AGGREGATE MATERIAL AND DELIVER TO CITY COMPOST SITE.
- ALL EXCAVATION, EMBANKMENT, DELIVERY, AND ASSOCIATED COSTS SHALL BE INCIDENTAL TO SITE GRADING (LUMP SUM).
- CONTRACTOR MAY SALVAGE ADDITIONAL AGGREGATE MATERIALS BEYOND 6" FROM THE PROPOSED GRADE AT THEIR OWN COST. REPLACEMENT SHALL BE MADE WITH COMMON EMBANKMENT OR TOPSOIL.



- FINISHED SIZE, INCLUDING POCKETS WHERE REQUIRED SHALL EXTEND A MINIMUM OF 10 INCHES AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2 IN. X 4 IN. OR USE A ROCK SOCK OR SAND BAGS IN PLACE OF THE ROCK SOCK AND WOOD 2 IN. X 4 IN.

INSTALLATION NOTES:
DO NOT INSTALL PROTECTION IN INLETS SHALLOWER THAN 30 IN., MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE BETWEEN THE INLET WALLS AND THE BAG MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES OF 3 INCHES. WHERE NECESSARY THE CONTRACTOR SHALL CLINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3 INCH CLEARANCE.

NTS



FILTER BAG INSERT

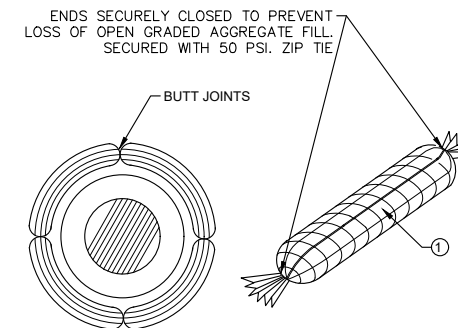
Revised:
Oct. 2011
SEH Plate No.
ERO-28



ROCK CONSTRUCTION ENTRANCE

NTS

Revised:
Oct. 2011
SEH Plate No.
ERO-35



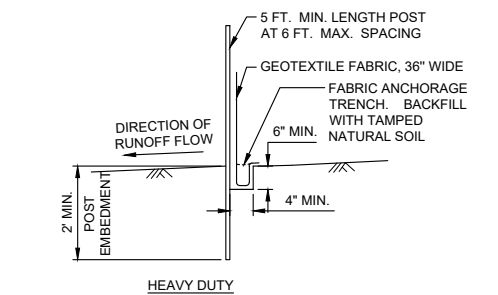
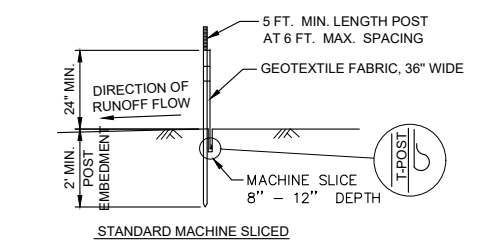
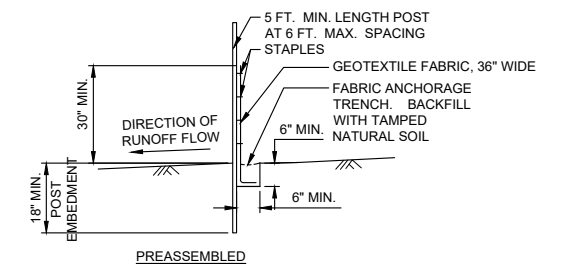
- GEOTEXTILE SOCK BETWEEN 4-10 FT. LONG AND 4-6 INCH DIAMETER. SEAM JOINED BY TWO ROWS OF STITCHING WITH A PLASTIC MESH BACKING OR HEAT BONDED (OR APPROVED EQUIVALENT). FILL ROCK LOG WITH OPEN GRADED AGGREGATE CONSISTING OF SOUND DURABLE PARTICLES OF COARSE AGGREGATE CONFORMING TO SPEC. 3137 TABLE 3137-1; CA-3 GRADATION.

NTS



ROCK LOG

Revised:
Oct. 2011
SEH Plate No.
ERO-29



DESIGN GUIDELINES:
(SEE MNDOT SPEC.
2573.3C AND 3886)

NTS



SILT FENCE

NTS

Revised:
Jan. 2013
SEH Plate No.
ERO-15

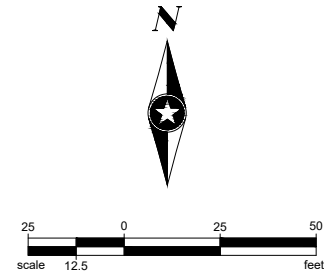
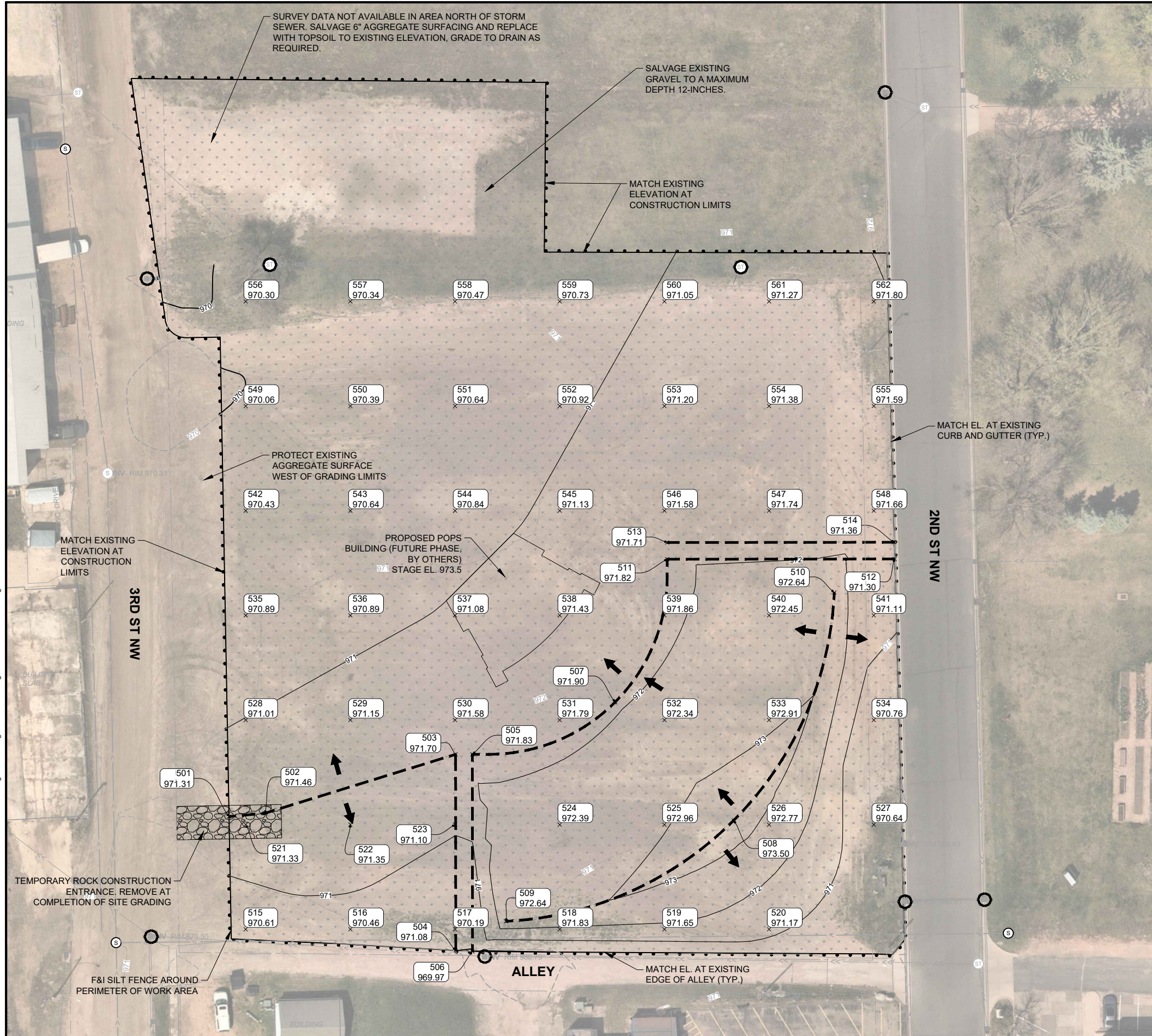
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SEH Project	NP 180839	Rev.#	Plan Revision Issue Description	Date	Rev.#	Sheet Revision Issue Description	Date
Drawn By							
Designed By							
Checked By							

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED CIVIL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Christopher D. Knutson
CHRISTOPHER D. KNUTSON
DATE: 2/18/2025 LICENSE NO. 49534

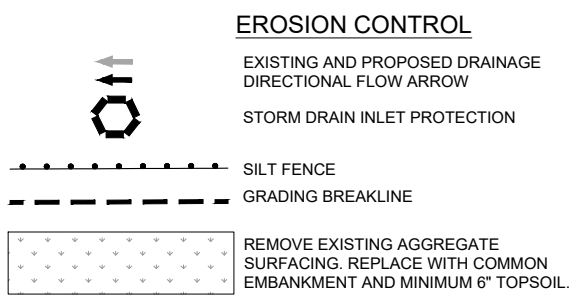
CITY CENTER GRADING PLAN PHASE 1
NEW PRAGUE, MINNESOTA

CONSTRUCTION NOTES AND DETAILS



Point Table				
Point #	Elevation	Northing	Easting	Description
501	971.31	126529.66	430799.95	GRADING
502	971.46	126531.23	430817.01	GRADING
503	971.70	126559.40	430908.17	GRADING
504	971.08	126465.66	430908.25	GRADING
505	971.83	126559.41	430916.17	GRADING
506	969.97	126465.18	430916.25	GRADING
507	971.90	126584.37	430984.40	GRADING
508	973.50	126527.84	431041.02	GRADING
509	972.64	126479.61	430932.22	GRADING
510	972.64	126636.70	431089.07	GRADING
511	971.82	126652.63	431009.23	GRADING
512	971.30	126652.73	431117.89	GRADING
513	971.71	126660.63	431009.23	GRADING
514	971.36	126660.73	431117.69	GRADING
515	970.61	126475.80	430807.92	SURFACE
516	970.46	126475.80	430857.92	SURFACE
517	970.19	126475.80	430907.92	SURFACE
518	971.83	126475.80	430957.92	SURFACE
519	971.65	126475.80	431007.92	SURFACE
520	971.17	126475.80	431057.92	SURFACE
521	971.33	126525.80	430807.92	SURFACE
522	971.35	126525.80	430857.92	SURFACE
523	971.10	126525.80	430907.92	SURFACE
524	972.39	126525.80	430957.92	SURFACE
525	972.96	126525.80	431007.92	SURFACE
526	972.77	126525.80	431057.92	SURFACE
527	970.64	126525.80	431107.92	SURFACE
528	971.01	126575.80	430807.92	SURFACE
529	971.15	126575.80	430857.92	SURFACE
530	971.58	126575.80	430907.92	SURFACE
531	971.79	126575.80	430957.92	SURFACE
532	972.34	126575.80	431007.92	SURFACE
533	972.91	126575.80	431057.92	SURFACE
534	970.76	126575.80	431107.92	SURFACE
535	970.89	126625.80	430807.92	SURFACE
536	970.89	126625.80	430857.92	SURFACE
537	971.08	126625.80	430907.92	SURFACE
538	971.43	126625.80	430957.92	SURFACE
539	971.86	126625.80	431007.92	SURFACE
540	972.45	126625.80	431057.92	SURFACE
541	971.11	126625.80	431107.92	SURFACE
542	970.43	126675.80	430807.92	SURFACE
543	970.64	126675.80	430857.92	SURFACE
544	970.84	126675.80	430907.92	SURFACE
545	971.13	126675.80	430957.92	SURFACE
546	971.58	126675.80	431007.92	SURFACE
547	971.74	126675.80	431057.92	SURFACE
548	971.66	126675.80	431107.92	SURFACE
549	970.06	126725.80	430807.92	SURFACE
550	970.39	126725.80	430857.92	SURFACE
551	970.64	126725.80	430907.92	SURFACE
552	970.92	126725.80	430957.92	SURFACE
553	971.20	126725.80	431007.92	SURFACE
554	971.38	126725.80	431057.92	SURFACE
555	971.59	126725.80	431107.92	SURFACE
556	970.30	126775.80	430807.92	SURFACE
557	970.34	126775.80	430857.92	SURFACE
558	970.47	126775.80	430907.92	SURFACE
559	970.73	126775.80	430957.92	SURFACE
560	971.05	126775.80	431007.92	SURFACE
561	971.27	126775.80	431057.92	SURFACE
562	971.80	126775.80	431107.92	SURFACE

Point Table				
Point #	Elevation	Northing	Easting	Description
533	972.91	126575.80	431057.92	SURFACE
534	970.76	126575.80	431107.92	SURFACE
535	970.89	126625.80	430807.92	SURFACE
536	970.89	126625.80	430857.92	SURFACE
537	971.08	126625.80	430907.92	SURFACE
538	971.43	126625.80	430957.92	SURFACE
539	971.86	126625.80	431007.92	SURFACE
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543	970.64	126675.80	430857.92	SURFACE
544	970.84	126675.80	430907.92	SURFACE
545	971.13	126675.80	430957.92	SURFACE
546	971.58	126675.80	431007.92	SURFACE
547	971.74	126675.80	431057.92	SURFACE
548	971.66	126675.80	431107.92	SURFACE
549	970.06	126725.80	430807.92	SURFACE
550	970.39	126725.80	430857.92	SURFACE
551	970.64	126725.80	430907.92	SURFACE
552	970.92	126725.80	430957.92	SURFACE
553	971.20	126725.80	431007.92	SURFACE
554	971.38	126725.80	431057.92	SURFACE
555	971.59	126725.80	431107.92	SURFACE
556	970.30	126775.80	430807.92	SURFACE
557	970.34	126775.80	430857.92	SURFACE
558	970.47	126775.80	430907.92	SURFACE
559	970.73	126775.80	430957.92	SURFACE
560	971.05	126775.80	431007.92	SURFACE
561	971.27	126775.80	431057.92	SURFACE
562	971.80	126775.80	431107.92	SURFACE



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SEH Project	NP 180839	Rev.#	Plan Revision Issue Description	Date	Rev.#	Sheet Revision Issue Description	Date
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Checked By							

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Christopher D. Knutson
 CHRISTOPHER D. KNUTSON
 DATE: 2/18/2025 LICENSE NO. 49534

CITY CENTER GRADING PLAN PHASE 1
 NEW PRAGUE, MINNESOTA

SWPPP SUMMARY/OVERVIEW:
 THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN DEVELOPED TO ADDRESS THE REQUIREMENTS OF NPDES PERMIT MN R100001. THIS SWPPP INCLUDES A COMBINATION OF NARRATIVE AND PLAN SHEETS THAT DESCRIBE THE TEMPORARY AND PERMANENT STORM WATER MANAGEMENT PLAN FOR THE PROJECT.

PROJECT INFORMATION:

LOCATION:	CITY OF NEW PRAGUE
LATITUDE/LONGITUDE:	44.545039, -93.564355
PROJECT DESCRIPTION:	GRADING PROJECT
SOIL DISTURBING ACTIVITIES:	GRADING

CONTACTS:

OWNER:	CITY OF NEW PRAGUE
CONTACT:	MATT RYNDA
ADDRESS:	118 CENTRAL AVE. N. NEW PRAGUE, MN 56071
PHONE:	952-758-4401
EMAIL:	X

ENGINEER:	SHORT ELLIOTT HENDRICKSON INC. (SEH)
CONTACT:	CHRIS KNUTSON
PHONE:	507-327-8383
EMAIL:	CKNUTSON@SEHINC.COM
PROJECT NO.:	NEWPR 167774

KNOWLEDGEABLE PERSON/CHAIN OF RESPONSIBILITY

THE CONTRACTOR SHALL IDENTIFY A PERSON KNOWLEDGEABLE AND EXPERIENCED IN THE APPLICATION OF EROSION PREVENTION AND SEDIMENT CONTROL BMP'S WHO WILL COORDINATE WITH ALL CONTRACTORS, SUBCONTRACTORS, AND OPERATORS ON-SITE TO OVERSEE THE IMPLEMENTATION OF THE SWPPP.

CONTRACTOR	X
CONTACT	X
PHONE	X
EMAIL	X

THE CONTRACTOR SHALL ESTABLISH A CHAIN OF RESPONSIBILITY FOR ALL CONTRACTORS AND SUB-CONTRACTORS ON SITE TO ENSURE THE SWPPP IS BEING PROPERLY IMPLEMENTED AND MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE CHAIN OF RESPONSIBILITY TO THE OWNER AND ATTACH TO THE SWPPP PRIOR TO ANY CONSTRUCTION ACTIVITY.

GENERAL SWPPP RESPONSIBILITIES:

THE CONTRACTOR SHALL KEEP THE SWPPP, INCLUDING ALL AMENDMENTS AND INSPECTION AND MAINTENANCE RECORDS ON SITE DURING CONSTRUCTION.

THE SWPPP WILL BE AMENDED AS NEEDED AND/OR AS REQUIRED BY PROVISIONS OF THE PERMIT. PERMITTEES MUST AMEND THE SWPPP TO INCLUDE ADDITIONAL OR MODIFIED BMP'S AS NECESSARY TO CORRECT PROBLEMS IDENTIFIED OR ADDRESS SITUATIONS WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, WEATHER OR SEASONAL CONDITIONS HAVING A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR GROUNDWATER. AMENDMENTS WILL BE APPROVED BY BOTH THE OWNER AND CONTRACTOR AND WILL BE ATTACHED OR OTHERWISE INCLUDED WITH THE SWPPP DOCUMENTS. THE SWPPP AMENDMENTS SHALL BE INITIATED, FACILITATED, AND PROCESSED BY THE CONTRACTOR.

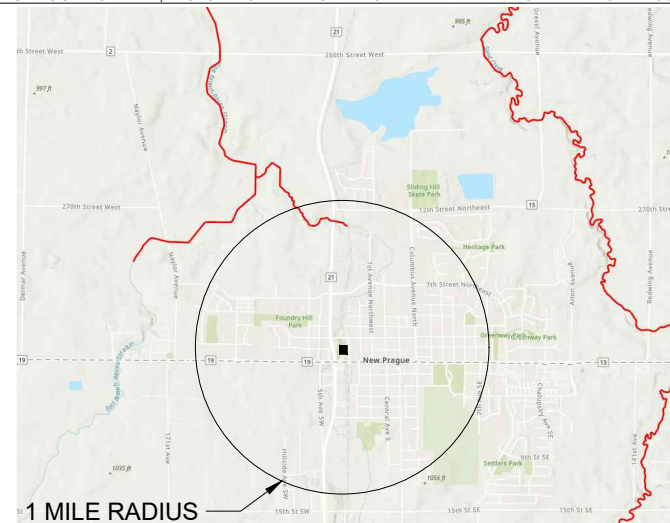
ALL SWPPP CHANGES MUST BE DONE BY AN INDIVIDUAL TRAINED IN ACCORDANCE WITH SECTION 21.2. CHANGES INVOLVING THE USE OF A LESS STRINGENT BMP MUST INCLUDE A JUSTIFICATION DESCRIBING HOW THE REPLACEMENT BMP IS EFFECTIVE FOR THE SITE CHARACTERISTICS.

BOTH THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER TERMINATION AND/OR TRANSFER OF THE PERMIT.

LONG TERM OPERATION AND MAINTENANCE

THE OWNER WILL BE RESPONSIBLE OR WILL OTHERWISE IDENTIFY WHO WILL BE RESPONSIBLE FOR THE LONG TERM OPERATION AND MAINTENANCE OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM(S). THE OWNER WILL PREPARE AND IMPLEMENT A PERMANENT STORMWATER TREATMENT SYSTEM(S) MAINTENANCE PLAN.

PROJECT LOCATION MAP, INCLUDING ALL RECEIVING WATERS WITHIN ONE MILE OF PROJECT SITE



TRAINING DOCUMENTATION:

PREPARER/DESIGNER OF SWPPP:	LEE ISTVANOVICH
EMPLOYER:	SHORT ELLIOTT HENDRICKSON
DATE OBTAINED / REFRESHED	JUNE 2017/MAY 2023
INSTRUCTOR(S)/ENTITY PROVIDING TRAINING:	UNIVERSITY OF MINNESOTA

CONTENT OF TRAINING AVAILABLE UPON REQUEST.

THE CONTRACTOR (OPERATOR) SHALL ADD TO THE SWPPP TRAINING RECORDS FOR THE FOLLOWING PERSONNEL:

- INDIVIDUALS OVERSEEING THE IMPLEMENTATION OF, REVISING, AND AMENDING THE SWPPP
- INDIVIDUALS PERFORMING INSPECTIONS
- INDIVIDUALS PERFORMING OR SUPERVISING THE INSTALLATION, MAINTENANCE AND REPAIR OF BMP'S

TRAINING MUST RELATE TO THE INDIVIDUAL'S JOB DUTIES AND RESPONSIBILITIES AND SHALL INCLUDE:

- 1) DATES OF TRAINING
- 2) NAME OF INSTRUCTORS
- 3) CONTENT AND ENTITY PROVIDING TRAINING

THE CONTRACTOR SHALL ENSURE THAT THE INDIVIDUALS ARE TRAINED BY LOCAL, STATE, FEDERAL AGENCIES, PROFESSIONAL ORGANIZATIONS, OR OTHER ENTITIES WITH EXPERTISE IN EROSION PREVENTION, SEDIMENT CONTROL, PERMANENT STORMWATER MANAGEMENT AND THE MINNESOTA NPDES/SDS CONSTRUCTION STORMWATER PERMIT.

PROJECT SUMMARY:

TOTAL DISTURBED AREA:	2.85 AC
PRE-CONSTRUCTION IMPERVIOUS AREA:	2.70 AC
POST-CONSTRUCTION IMPERVIOUS AREA:	-2.70 AC
IMPERVIOUS AREA ADDED:	-2.70 AC

FUTURE PHASING OF THE PROJECT WILL INCLUDE CONSTRUCTION OF IMPERVIOUS PAVEMENTS AND BUILDINGS. TOTAL NEW IMPERVIOUS AREA INCLUDING FUTURE PHASING WILL BE LESS THAN THE EXISTING CONDITION.

RECEIVING WATER(S) WITHIN ONE MILE FROM PROJECT BOUNDARIES:
 (<http://pca-gis02.pca.state.mn.us/CSW/index.html>)

NAME	SPECIAL WATER?	IMPAIRED WATER?	CONSTRUCTION RELATED IMPAIRMENT OR SPECIAL WATER CLASSIFICATION
PHILIPPS CREEK	N	Y	YES, FISH/BENTHIC MACROINVERTIBRATE BIOASSESSMENTS
ADDITIONAL BMP'S OR ACTIONS REQUIRED: MUST INITIATE STABILIZATION OF EXPOSED SOIL AREAS AND COMPLETE STABILIZATION WITHIN SEVEN CALENDAR DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE TEMPORARILY OR PERMANENTLY CEASES.			

WATERBODY	NO WORK DURING
LAKES	APRIL 1 - JUNE 30
NON-TROUT STREAMS	MARCH 15 - JUNE 15
TROUT STREAMS	SEPTEMBER 1 - APRIL 1

SITE SOIL INFORMATION: (<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>)
 (SOIL INFORMATION PROVIDED IS FOR NPDES PERMIT INFORMATION ONLY. SOIL INFORMATION WAS OBTAINED FROM THE USGS WEBSITE. THE CONTRACTOR SHALL NOT RELY ON THIS SOIL INFORMATION FOR CONSTRUCTION PURPOSES.)

SOIL NAME:	HYDROLOGIC CLASSIFICATION:
CLARION LOAM	C
ANTICIPATED RANGE OF PARTICLE SIZES	<0.002MM TO 2MM

IMPLEMENTATION SEQUENCE:
 THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING SEQUENCE. THE ENGINEER MAY APPROVE ADJUSTMENTS TO THE SEQUENCE AS NEEDED.

1.	INSTALL ROCK CONSTRUCTION ENTRANCE(S)
2.	INSTALL PERIMETER CONTROL AND STABILIZE DOWN GRADIENT BOUNDARIES
3.	INSTALL INLET PROTECTION ON EXISTING CATCH BASINS
4.	COMPLETE SITE GRADING
6.	COMPLETE FINAL GRADING AND STABILIZE DISTURBED AREAS
7.	AFTER CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ACCUMULATED SEDIMENT, REMOVE BMP'S, AND RE-STABILIZE ANY AREAS DISTURBED BY THEIR REMOVAL.

THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE SWPPP:
 CONSTRUCTION NOTES AND DETAILS
 GRADING AND EROSION CONTROL PLAN

TEMPORARY BMP DESIGN FACTORS:

EROSION PREVENTION AND SEDIMENT CONTROL BMP'S MUST BE DESIGNED TO ACCOUNT FOR:

THE EXPECTED AMOUNT, FREQUENCY, INTENSITY, AND DURATION OF PRECIPITATION

THE NATURE OF STORMWATER RUNOFF AND RON-ON AT THE SITE, INCLUDING FACTORS SUCH AS EXPECTED FLOW FROM IMPERVIOUS SURFACES, SLOPES, AND SITE DRAINAGE FEATURES

THE STORMWATER VOLUME, VELOCITY, AND PEAK FLOW RATES TO MINIMIZE DISCHARGE OF POLLUTANTS IN STORMWATER AND TO MINIMIZE CHANNEL AND STREAMBANK EROSION AND SCOUR IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS

THE RANGE OF SOIL PARTICLE SIZES EXPECTED TO BE PRESENT.

TEMPORARY SEDIMENT BASINS:

THE CONTRACTOR SHALL INSTALL TEMPORARY SEDIMENT BASIN(S) INDICATED ON PLANS AND REQUIRED BY THE NPDES CONSTRUCTION PERMIT.

THE TEMPORARY BASIN MUST PROVIDE LIVE STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A TWO (2)-YEAR, 24-HOUR STORM FROM EACH ACRE DRAINED TO THE BASIN OR 1,800 CUBIC FEET OF LIVE STORAGE PER ACRE DRAINED, WHICHEVER IS GREATER.

TEMPORARY SEDIMENT BASIN OUTLETS SHALL BE CONSTRUCTED TO PREVENT SHORT-CIRCUITING AND PREVENT THE DISCHARGE OF FLOATING DEBRIS.

OUTLET STRUCTURES MUST BE DESIGNED TO WITHDRAW WATER FROM THE SURFACE TO MINIMIZE THE DISCHARGE OF POLLUTANTS.

BASINS MUST INCLUDE A STABILIZED EMERGENCY OVERFLOW, WITHDRAW WATER FROM THE SURFACE, AND PROVIDE ENERGY DISSIPATION AT THE OUTLET.

TEMPORARY SEDIMENT BASINS SHALL BE PROVIDED WITH ENERGY DISSIPATION AT ANY BASIN OUTLET TO PREVENT SOIL EROSION.

SEDIMENT BASINS MUST BE SITUATED OUTSIDE OF SURFACE WATERS AND ANY BUFFER ZONES, AND MUST BE DESIGNED TO AVOID THE DRAINING WATER FROM WETLANDS.

EROSION AND SEDIMENT CONTROL BMP'S (ESTIMATE)	
TURF ESTABLISHMENT	2.85 AC
CONSTRUCTION ENTRANCE	1 EACH
INLET PROTECTION	6 EACH
SILT FENCE	1,500 LF

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SEH Project	NP 180839	Rev.#	Plan Revision Issue Description	Date	Rev.#	Sheet Revision Issue Description	Date
Drawn By	LAI	.			.		
Designed By	LAI	.			.		
Checked By	CDK	.			.		



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED CIVIL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 Christopher D. Knutson
 DATE: 2/18/2025 LICENSE NO. 49534

CITY CENTER GRADING PLAN PHASE 1
 NEW PRAGUE, MINNESOTA

SWPPP 1

EROSION PREVENTION MEASURES AND TIMING:
THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION PREVENTION MEASURES FOR THE PROJECT.

EROSION PREVENTION MEASURES SHOWN ON PLANS ARE THE ABSOLUTE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL EROSION PREVENTION MEASURES AS NECESSARY TO PROPERLY MANAGE THE PROJECT AREA.

THE CONTRACTOR SHALL PLAN AND IMPLEMENT APPROPRIATE CONSTRUCTION PRACTICES AND CONSTRUCTION PHASING TO MINIMIZE EROSION AND RETAIN VEGETATION WHENEVER POSSIBLE.

THE PERMITTEE SHALL DELINEATE AREAS NOT TO BE DISTURBED. PERMITTEE(S) MUST MINIMIZE THE NEED FOR DISTURBANCE OF PORTIONS OF THE PROJECT WITH STEEP SLOPES. WHEN STEEP SLOPES MUST BE DISTURBED, PERMITTEES MUST USE TECHNIQUES SUCH AS PHASING AND STABILIZATION PRACTICES DESIGNED FOR STEEP SLOPES.

THE CONTRACTOR SHALL STABILIZE OF ALL EXPOSED SOILS IMMEDIATELY TO LIMIT SOIL EROSION. IN NO CASE SHALL ANY EXPOSED AREAS, INCLUDING STOCK PILES, HAVE EXPOSED SOILS FOR MORE THAN 14 DAYS WITHOUT PROVIDING TEMPORARY OR PERMANENT STABILIZATION. STABILIZATION MUST BE COMPLETED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED. TEMPORARY STOCKPILES WITHOUT SIGNIFICANT CLAY, SILT, OR ORGANIC COMPONENTS DO NOT REQUIRE STABILIZATION.

DRAINAGE PATHS, DITCHES, AND/OR SWALES SHALL HAVE TEMPORARY OR PERMANENT STABILIZATION WITHIN 24 HOURS OF CONNECTING TO A SURFACE WATER OR 24 HOURS AFTER CONSTRUCTION ACTIVITY IN THE DITCH/SWALE HAS TEMPORARILY OR PERMANENTLY CEASED.

THE CONTRACTOR SHALL COMPLETE THE STABILIZATION OF ALL EXPOSED SOILS WITHIN 24 HOURS THAT LIE WITHIN 200 FEET OF PUBLIC WATERS PROMULGATED "WORK IN WATER RESTRICTIONS" BY THE MN DNR DURING SPECIFIED FISH SPAWNING TIMES.

THE CONTRACTOR SHALL IMPLEMENT EROSION CONTROL BMPS AND VELOCITY DISSIPATION DEVICES ALONG CONSTRUCTED STORMWATER CONVEYANCE CHANNELS AND OUTLETS.

THE CONTRACTOR SHALL STABILIZE TEMPORARY AND/OR PERMANENT DRAINAGE DITCHES OR SWALES WITHIN 200 LINEAL FEET FROM PROPERTY EDGE, OR DISCHARGE POINT(S) WITHIN 24 HOURS AFTER CONNECTING TO A SURFACE WATER OR PROPERTY EDGE.

TEMPORARY OR PERMANENT DITCHES OR SWALES USED AS A SEDIMENT CONTAINMENT SYSTEM DURING CONSTRUCTION MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM.

THE CONTRACTOR SHALL NOT UTILIZE HYDROMULCH, TACKIFIER, POLYACRYLAMIDE OR SIMILAR EROSION PREVENTION PRACTICES AS A FORM OF STABILIZATION FOR TEMPORARY OR PERMANENT DRAINAGE DITCHES OR SWALE SECTION WITH A CONTINUOUS SLOPE OF GREATER THAN 2 PERCENT.

THE CONTRACTOR SHALL ENSURE PIPE OUTLETS HAVE TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS OF CONNECTION TO A SURFACE WATER.

THE CONTRACTOR SHALL DIRECT DISCHARGES FROM BMPS TO VEGETATED AREAS TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE STORMWATER INFILTRATION. VELOCITY DISSIPATION DEVICES MUST BE USED TO PREVENT EROSION WHEN DIRECTING STORMWATER TO VEGETATED AREAS.

SEDIMENT CONTROL MEASURES AND TIMING:
THE CONTRACTOR IS RESPONSIBLE FOR ALL SEDIMENT CONTROL MEASURES FOR THE PROJECT.

SEDIMENT CONTROL MEASURES SHOWN ON PLANS ARE THE ABSOLUTE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL SEDIMENT CONTROL MEASURES AS NECESSARY TO PROPERLY MANAGE THE PROJECT AREA.

THE CONTRACTOR SHALL ENSURE SEDIMENT CONTROL MEASURES ARE ESTABLISHED ON ALL DOWN GRADIENT PERIMETERS BEFORE ANY UPGRADIENT LAND DISTURBING ACTIVITIES BEGIN. THESE MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN ESTABLISHED.

A FLOATING SILT CURTAIN PLACED IN THE WATER IS NOT A SEDIMENT CONTROL BMP EXCEPT WHEN WORKING ON A SHORELINE OR BELOW THE WATERLINE. IMMEDIATELY AFTER THE SHORT TERM CONSTRUCTION ACTIVITY IS COMPLETE, PERMITTEE(S) MUST INSTALL AN UPLAND PERIMETER CONTROL PRACTICE IF EXPOSED SOILS STILL DRAIN TO A SURFACE WATER.

THE CONTRACTOR SHALL ENSURE SEDIMENT CONTROL PRACTICES REMOVED OR ADJUSTED FOR SHORT-TERM ACTIVITIES BE RE-INSTALLED IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY HAS BEEN COMPLETED. SEDIMENT CONTROL PRACTICES MUST BE REINSTALLED BEFORE THE NEXT PRECIPITATION EVENT EVEN IF THE SHORT-TERM ACTIVITY IS NOT COMPLETE.

THE CONTRACTOR SHALL ENSURE STORM DRAIN INLETS ARE PROTECTED BY APPROPRIATE BMPS DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED.

THE CONTRACTOR SHALL PROVIDE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROL AT THE BASE OF THE STOCKPILES.

THE CONTRACTOR SHALL INSTALL PERIMETER CONTROL AROUND ALL STAGING AREAS, BORROW PITS, AND AREAS CONSIDERED ENVIRONMENTALLY SENSITIVE.

THE CONTRACTOR SHALL ENSURE VEHICLE TRACKING BE MINIMIZED WITH EFFECTIVE BMPS. WHERE THE BMPS FAIL TO PREVENT SEDIMENT FROM TRACKING ONTO STREETS THE CONTRACTOR SHALL CONDUCT STREET SWEEPING TO REMOVE ALL TRACKED SEDIMENT.

THE CONTRACTOR SHALL IMPLEMENT CONSTRUCTION PRACTICES TO MINIMIZE SOIL COMPACTION.

THE CONTRACTOR SHALL ENSURE ALL CONSTRUCTION ACTIVITY REMAIN WITHIN PROJECT LIMITS AND THAT ALL IDENTIFIED RECEIVING WATER BUFFERS ARE MAINTAINED.

A 50 FOOT NATURAL BUFFER MUST BE PRESERVED OR PROVIDE REDUNDANT (DOUBLE) PERIMETER SEDIMENT CONTROLS IF NATURAL BUFFER IS INFEASIBLE.

THE CONTRACTOR SHALL NOT UTILIZE SEDIMENT CONTROL CHEMICALS ON SITE.

INSPECTION AND MAINTENANCE:
ALL INSPECTIONS, MAINTENANCE, REPAIRS, REPLACEMENTS, AND REMOVAL OF BMPS IS TO BE CONSIDERED INCIDENTAL TO THE BMP BID ITEMS.

THE PERMITTEE(S) IS RESPONSIBLE FOR COMPLETING SITE INSPECTIONS, AND BMP MAINTENANCE TO ENSURE COMPLIANCE WITH THE PERMIT REQUIREMENTS.

THE PERMITTEE(S) SHALL INSPECT THE CONSTRUCTION SITE ONCE EVERY 7 DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS.

THE PERMITTEE(S) SHALL DOCUMENT A WRITTEN SUMMARY OF ALL INSPECTIONS AND MAINTENANCE ACTIVITIES CONDUCTED WITHIN 24 HOURS OF OCCURRENCE. RECORDS OF EACH ACTIVITY SHALL INCLUDE THE FOLLOWING:

- DATE AND TIME OF INSPECTIONS;
- NAME OF PERSON(S) CONDUCTING INSPECTION;
- FINDINGS AND RECOMMENDATIONS FOR CORRECTIVE ACTIONS IF NECESSARY;
- CORRECTIVE ACTIONS TAKEN;
- DATE AND AMOUNT OF RAINFALL EVENTS;
- POINTS OF DISCHARGE OBSERVED DURING INSPECTION AND DESCRIPTION OF THE DISCHARGE
- AMENDMENTS MADE TO THE SWPPP.

THE PERMITTEE(S) SHALL SUBMIT A COPY OF THE WRITTEN INSPECTIONS TO THE ENGINEER AND OWNER ON A MONTHLY BASIS. IF MONTHLY INSPECTION REPORTS ARE NOT SUBMITTED, MONTHLY PAYMENTS MAY BE HELD.

THE CONTRACTOR SHALL DOCUMENT AMENDMENTS TO THE SWPPP AS A RESULT OF INSPECTION(S) WITHIN 7 DAYS.

THE CONTRACTOR SHALL KEEP THE SWPPP, ALL INSPECTION REPORTS, AND AMENDMENTS ONSITE. THE CONTRACTOR SHALL DESIGNATE A SPECIFIC ONSITE LOCATION TO KEEP THE RECORDS

THE CONTRACTOR IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF TEMPORARY AND PERMANENT WATER QUALITY BMPS, AS WELL AS EROSION AND SEDIMENT CONTROL BMPS.

THE CONTRACTOR SHALL INSPECT EROSION PREVENTION AND SEDIMENTATION CONTROL BMPS TO ENSURE INTEGRITY AND EFFECTIVENESS. ALL NONFUNCTIONAL BMPS SHALL BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPS WITHIN 24 HOURS OF FINDING. THE CONTRACTOR SHALL INVESTIGATE AND COMPLY WITH THE FOLLOWING INSPECTION AND MAINTENANCE REQUIREMENTS:

PERIMETER CONTROL DEVICES, INCLUDING SILT FENCE SHALL BE REPAIRED, OR REPLACED, WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE DEVICE HEIGHT. THESE REPAIRS SHALL BE MADE WITHIN 24 HOURS OF DISCOVERY.

TEMPORARY AND PERMANENT SEDIMENT BASINS SHALL BE DRAINED AND THE SEDIMENT REMOVED WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 THE STORAGE VOLUME. DRAINAGE AND REMOVAL MUST BE COMPLETED WITHIN 72 HOURS OF DISCOVERY.

SURFACE WATERS, INCLUDING DRAINAGE DITCHES AND CONVEYANCE SYSTEMS, MUST BE INSPECTED FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. THE CONTRACTOR SHALL REMOVE ALL DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS, INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS. THE CONTRACTOR SHALL RE-STABILIZE THE AREAS WHERE SEDIMENT REMOVAL RESULTS IN EXPOSED SOIL. REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN 7 DAYS OF DISCOVERY, UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL CONSTRAINTS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AUTHORITIES AND OBTAIN ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK IN SURFACE WATERS.

CONSTRUCTION SITE VEHICLE EXIT LOCATIONS SHALL BE INSPECTED DAILY FOR EVIDENCE OF SEDIMENT TRACKING ONTO PAVED SURFACES. TRACKED SEDIMENT MUST BE REMOVED FROM ALL PAVED SURFACES WITHIN 24 HOURS OF DISCOVERY.

IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED IN A MANOR AND AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS.

EROSION PREVENTION BMP SUMMARY:
SEE EROSION AND SEDIMENT CONTROL PLAN SHEET AND BID FORM FOR TYPE, LOCATION, AND QUANTITY OF EROSION PREVENTION BMPS.

SEDIMENT CONTROL BMP SUMMARY:
SEE EROSION AND SEDIMENT CONTROL PLAN SHEETS AND BID FORM FOR TYPE, LOCATION, AND QUANTITY OF SEDIMENT CONTROL BMPS.

DEWATERING AND BASIN DRAINING ACTIVITIES:
THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL DEWATERING AND SURFACE DRAINAGE REGULATIONS.

WATER FROM DEWATERING ACTIVITIES SHALL DISCHARGE TO A TEMPORARY AND/OR PERMANENT SEDIMENT BASIN.

IF WATER CANNOT BE DISCHARGED TO A SEDIMENTATION BASIN, IT SHALL BE TREATED WITH OTHER APPROPRIATE BMPS, TO EFFECTIVELY REMOVE SEDIMENT.

DISCHARGE THAT CONTAINS OIL OR GREASE MUST BE TREATED WITH AN OIL-WATER SEPARATOR OR SUITABLE FILTRATION DEVICE PRIOR TO DISCHARGE.

WATER FROM DEWATERING SHALL BE DISCHARGED IN A MANNER THAN DOES NOT CAUSE NUISANCE CONDITIONS, EROSION, OR INUNDATION OF WETLANDS.

BACKWASH WATER USED FOR FILTERING SHALL BE HAULED AWAY FOR DISPOSAL, RETURNED TO THE BEGINNING OF TREATMENT PROCESS, OR INCORPORATED INTO THE SITE IN A MANNER THAT DOES NOT CAUSE EROSION. THE CONTRACTOR SHALL REPLACE AND CLEAN FILTER MEDIAS USED IN DEWATERING DEVICES WHEN REQUIRED TO MAINTAIN ADEQUATE FUNCTION.

POLLUTION PREVENTION MANAGEMENT MEASURES:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POLLUTION PREVENTION MANAGEMENT MEASURES.

ALL POLLUTION PREVENTION MEASURES ARE CONSIDERED INCIDENTAL TO THE MOBILIZATION BID ITEM, UNLESS OTHERWISE NOTED.

THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL, IN COMPLIANCE WITH MPCA DISPOSAL REQUIREMENTS, OF ALL HAZARDOUS MATERIALS, SOLID WASTE, AND PRODUCTS ON-SITE.

THE CONTRACTOR SHALL ENSURE BUILDING PRODUCTS THAT HAVE THE POTENTIAL TO LEAK POLLUTANTS ARE KEPT UNDER COVER TO PREVENT THE DISCHARGE OF POLLUTANTS.

THE CONTRACTOR SHALL ENSURE PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPE MATERIALS ARE COVERED TO PREVENT THE DISCHARGE OF POLLUTANTS.

THE CONTRACTOR SHALL ENSURE HAZARDOUS MATERIALS AND TOXIC WASTE IS PROPERLY STORED IN SEALED CONTAINERS TO PREVENT SPILLS, LEAKS, OR OTHER DISCHARGE. STORAGE AND DISPOSAL OF HAZARDOUS WASTE OR HAZARDOUS MATERIALS MUST BE IN COMPLIANCE WITH MINN. R. CH. 7045 INCLUDING SECONDARY CONTAINMENT AS APPLICABLE.

THE CONTRACTOR SHALL ENSURE ASPHALT SUBSTANCES USED ON-SITE SHALL ARE APPLIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

THE CONTRACTOR SHALL ENSURE PAINT CONTAINERS AND CURING COMPOUNDS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT AND/OR CURING COMPOUNDS SHALL NOT BE DISCHARGED INTO THE STORM SEWER SYSTEM AND SHALL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURE'S INSTRUCTION.

THE CONTRACTOR SHALL ENSURE SOLID WASTE BE STORED, COLLECTED AND DISPOSED OF PROPERLY IN COMPLIANCE WITH MINN. R. CH. 7035.

THE CONTRACTOR SHALL ENSURE POTABLE TOILETS ARE POSITIONED SO THAT THEY ARE SECURE AND WILL NOT BE TIPPED OR KNOCKED OVER. SANITARY WASTE MUST BE DISPOSED OF PROPERLY IN ACCORDANCE WITH MINN. R. CH. 7041.

THE CONTRACTOR SHALL MONITOR ALL VEHICLES ON-SITE FOR LEAKS AND RECEIVE REGULAR PREVENTION MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.

THE CONTRACTOR SHALL ENSURE WASHOUT WASTE MUST CONTACT THE GROUND AND BE PROPERLY DISPOSED OF IN COMPLIANCE WITH MPCA RULES.

THE CONTRACTOR SHALL INCLUDE SPILL KITS WITH ALL FUELING SOURCES AND MAINTENANCE ACTIVITIES. SECONDARY CONTAINMENT MEASURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR.

THE CONTRACTOR SHALL ENSURE SPILLS ARE CONTAINED AND CLEANED UP IMMEDIATELY UPON DISCOVERY. SPILLS LARGE ENOUGH TO REACH THE STORM WATER CONVEYANCE SYSTEM SHALL BE REPORTED TO THE MINNESOTA DUTY OFFICER AT 1.800.422.0798.

PERMIT TERMINATION CONDITIONS:
THE CONTRACTOR IS RESPONSIBLE FOR ENSURING FINAL STABILIZATION OF THE ENTIRE SITE. PERMIT TERMINATION CONDITIONS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

ALL SOIL DISTURBING ACTIVITIES HAVE BEEN COMPLETED.

ALL EXPOSED SOILS HAVE BEEN UNIFORMLY STABILIZED WITH AT LEAST 70% VEGETATION COVERAGE.

PERMANENT STORM WATER MANAGEMENT SYSTEM(S) ARE CONSTRUCTED AND ARE OPERATING AS DESIGNED.

ALL DRAINAGE DITCHES, PONDS, AND ALL STORM WATER CONVEYANCE SYSTEMS HAVE BEEN CLEARED OF SEDIMENT AND STABILIZED WITH PERMANENT COVER TO PRECLUDE EROSION.

ALL TEMPORARY SYNTHETIC BMPS HAVE BEEN REMOVED AND PROPERLY DISPOSED OF.

FOR RESIDENTIAL CONSTRUCTION ONLY, PERMIT COVERAGE TERMINATES ON INDIVIDUAL LOTS IF THE LOT IS SOLD TO THE HOMEOWNER, STRUCTURES ARE FINISHED, AND PERMANENT COVER HAS BEEN ESTABLISHED. FOR LOTS THAT ARE SOLD TO THE HOMEOWNER WHERE PERMANENT COVER HAS NOT BEEN ESTABLISHED, COVERAGE TERMINATES IF TEMPORARY EROSION PREVENTION AND DOWNGRADIENT PERIMETER CONTROL IS PROPERLY INSTALLED THE RESIDENCE SELLS TO THE HOMEOWNER, AND THE PERMITTEE DISTRIBUTES THE MPCA'S HOMEOWNER FACT SHEET TO THE HOMEOWNER.

AGRICULTURAL LAND DISTURBED HAS BEEN RETURNED TO ITS PRECONSTRUCTION AGRICULTURAL USE.

THIS PERMIT COVERS ONGOING PROJECTS COVERED UNDER ANY PREVIOUS CONSTRUCTION STORMWATER PERMIT THAT ARE NOT COMPLETE ON THE ISSUANCE DATE OF THIS PERMIT. PERMITTEES MUST EITHER REMAIN IN COMPLIANCE WITH THE PREVIOUS PERMIT AND TERMINATE COVERAGE WITHIN 18 MONTHS OF THE ISSUANCE DATE OF THIS PERMIT OR COMPLY WITH THIS PERMIT, INCLUDING UPDATING THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), WITHIN THE 18-MONTH PERIOD. PERMITTEES OF PREVIOUSLY PERMITTED PROJECTS ARE NOT REQUIRED TO INCORPORATE ANY ADDITIONAL REQUIREMENTS REGARDING THE PERMANENT STORMWATER TREATMENT SYSTEM INCLUDED THIS REISSUED PERMIT.

COVERAGE FOR PROJECTS THAT EXTEND BEYOND THE EXPIRATION DATE OF THIS PERMIT REMAINS EFFECTIVE FOR A GRACE PERIOD OF 18 MONTHS COVERING PROJECT COMPLETION AND NOTICE OF TERMINATION (NOT) SUBMITTAL. IF PERMITTEES CANNOT COMPLETE PROJECTS DURING THE GRACE PERIOD, THE MPCA WILL EXTEND COVERAGE UNDER THE NEXT PERMIT AND PERMITTEES MUST COMPLY WITH THE REQUIREMENTS OF THE NEW PERMIT INCLUDING UPDATING THE SWPPP. PERMITTEES ARE NOT REQUIRED TO FOLLOW CHANGES TO THE PERMANENT STORMWATER TREATMENT SECTION OF THE NEXT PERMIT.

WHEN SUBMITTING THE NOT PERMITTEES MUST INCLUDE EITHER GROUND OR AERIAL PHOTOGRAPHS SHOWING THE REQUIREMENTS OF 13.2 HAVE BEEN MET. PERMITTEES ARE NOT REQUIRED TO TAKE PHOTOGRAPHS OF EVERY DISTINCT PART OF THE SITE, HOWEVER THE CONDITIONS PORTRAYED MUST BE SUBSTANTIALLY SIMILAR TO THOSE AREAS THAT ARE NOT PHOTOGRAPHED. PHOTOGRAPHS MUST BE CLEAR AND IN FOCUS AND MUST INCLUDE THE DATE THE PHOTO WAS TAKEN. [MINN. R. 7090]

RECEIVING WATER	NATURAL BUFFER	IS THE BUFFER BEING ENCR OACHED ON?	REASON FOR BUFFER ENCR OACHMENT
PHILIPPS CREEK	50 FT	NO	N/A

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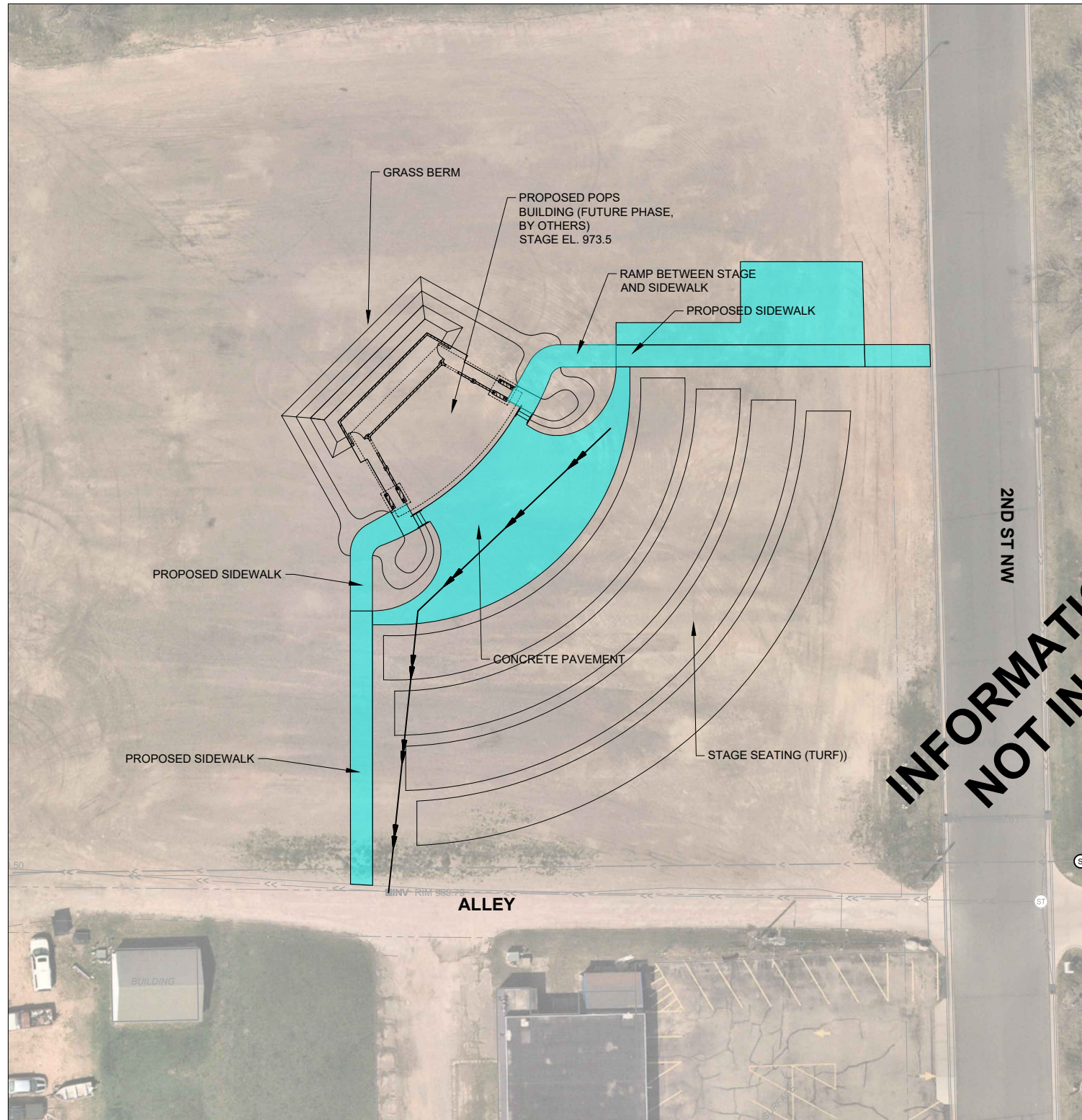
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED CIVIL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Christopher D. Knutson
CHRISTOPHER D. KNUTSON
DATE: 2/18/2025 LICENSE NO. 49534

CITY CENTER GRADING PLAN PHASE 1
NEW PRAGUE, MINNESOTA

SWPPP 2

Save: 2/12/2025 12:09 PM sknutson Plot: 2/12/2025 12:17 PM x:\KOWNE\PR\180839\Final\Drawings\10-Civil\cad\dwg\sheet\NP_180839_FUTURE.dwg



PHASE 2
 CONSTRUCTION
 (SUMMER 2025)




PHASE 3
 CONCEPTUAL



INFORMATIONAL ONLY
 NOT IN CONTRACT

SEH Project	NP 180839	Rev.#	Plan Revision Issue Description	Date	Rev.#	Sheet Revision Issue Description	Date
Drawn By							
Designed By							
Checked By							


 I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED CIVIL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Christopher D. Knutson
 CHRISTOPHER D. KNUTSON
 DATE 2/18/2025 LICENSE NO. 49534

CITY CENTER GRADING PLAN PHASE 1
 NEW PRAGUE, MINNESOTA

FUTURE PHASING (INFORMATIONAL ONLY)