SPPD K-9 FOUNDATION PARKING EXPANSION AND RETAINING WALLS

16 Roselawn Ave W Maplewood, MN 55117

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S1.1	GENERAL STRUCTURAL NOTES, FOUNDATION PLAN, SECTIONS AND DETAILS						

PROJECT DIRECTORY

OWNER

St. Paul Police K-9 Foundation 16 Roselawn Ave W, Maplewood, MN 55117 Contact: Randy Sparling Phone: (612) 746-1086 spk9fnd@gmail.com

ARCHITECT

Pope Design Group
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St. Paul, MN 55114
Contact: Coralis Rodriguez Torres
Phone: (651) 789-1646
crodriguez@popedesign.com

CIVIL Loucks

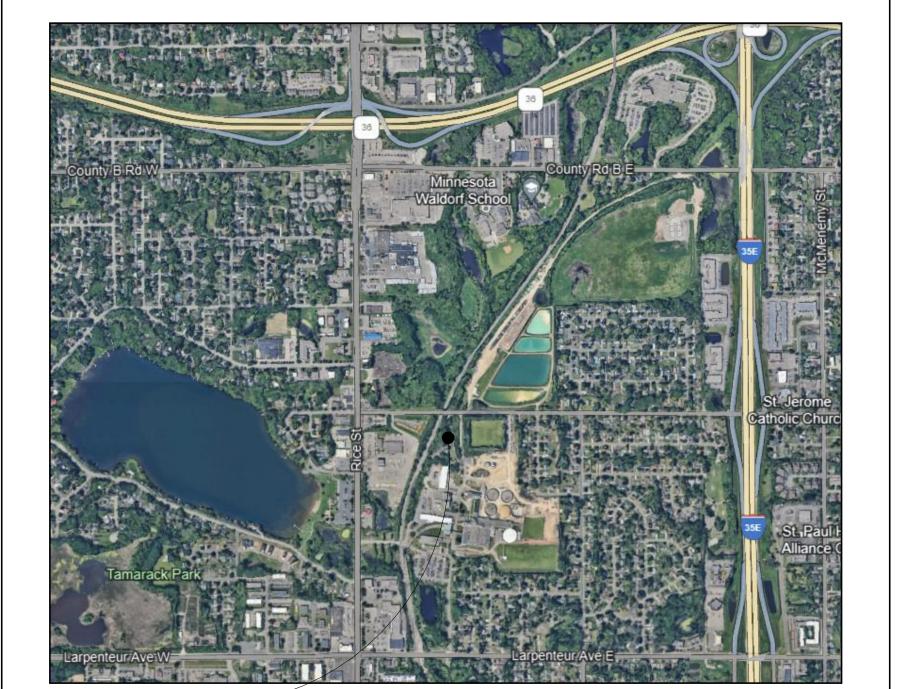
Loucks
12755 Highway 55, Suite R100
Plymouth, MN 55441
Contact: Jacob Mitzel
Phone: (763) 424-5505
jmitzel@loucksinc.com

STRUCTURAL

Innovative Structural Solutions
5279 Kyler Avenue NE
Albertville, MN 55301
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Phone: (763) 425-9960
MVanDeRiet@isseng.com

EXHIBIT E

LOCATION MAP



SITE LOCATION:
16 Roselawn Ave W
Maplewood, MN 55117



POPESIGN

POPE DESIGN GROUP
767 N. EUSTIS STREET, SUITE 190
ST. PAUL, MINNESOTA 55114
651.642.9200
WWW.POPEDESIGN.COM



TITLE SHEET

CONSTRUCTION 05-05-2025
DOCUMENTS

I hereby certify that this plan specificati or report was prepared by me or under my direct supervision and that I am a d Licensed Architect under the laws of th

Date: 05-05-2025 Lic. No. 59120

COMMISSION NO: 65431-25044

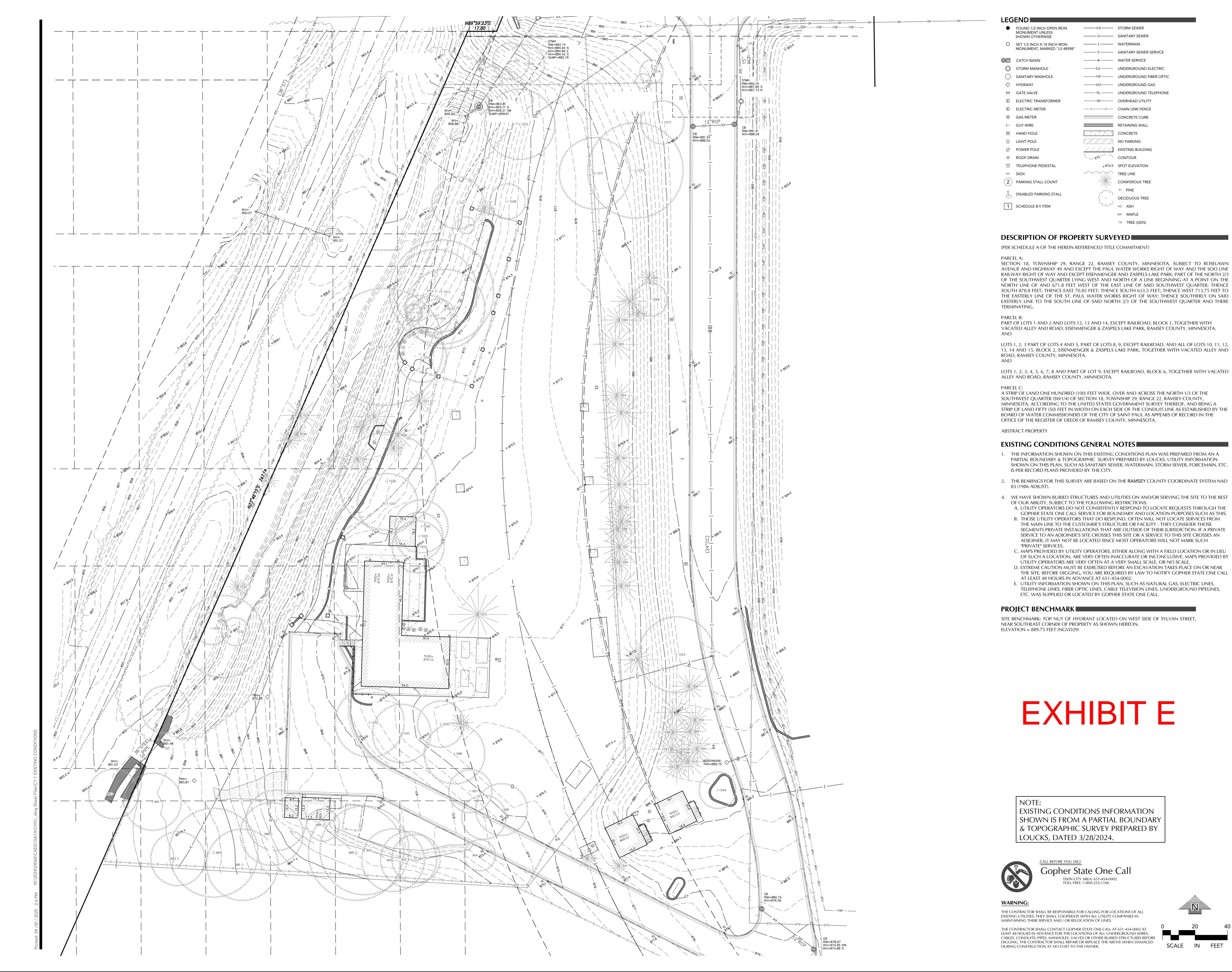
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IEET

A0.1

0" 1/2" 1"

Jsers\crodriguez\Documents\65431- 25044 SPPD K-9 Foundation - Parking Expansion and Retaining Wall (R23)_crodriguez_PDG.rvt



---->> STORM SEWER

——— | ——— WATERMAIN

----> SANITARY SEWER

------ W ------ WATER SERVICE

——— S ——— SANITARY SEWER SERVICE

-----ELE ------ UNDERGROUND ELECTRIC

———GAS——— UNDERGROUND GAS

-----OH------ OVERHEAD UTILITY

— ○— ○ CHAIN LINK FENCE

CONCRETE CURB

RETAINING WALL

______ EXISTING BUILDING

×972.5 SPOT ELEVATION

PI PINE

MA MAPLE TR TREE (GEN)

CONIFEROUS TREE

DECIDUOUS TREE

CONCRETE

NO PARKING

_972 CONTOUR

TREE LINE

-----FOP------ UNDERGROUND FIBER OPTIC

----- TEL ----- UNDERGROUND TELEPHONE

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SPPD K-9 FOUNDATION PARKING EXPANSION & RETAINING WALL SAINT PAUL, MN

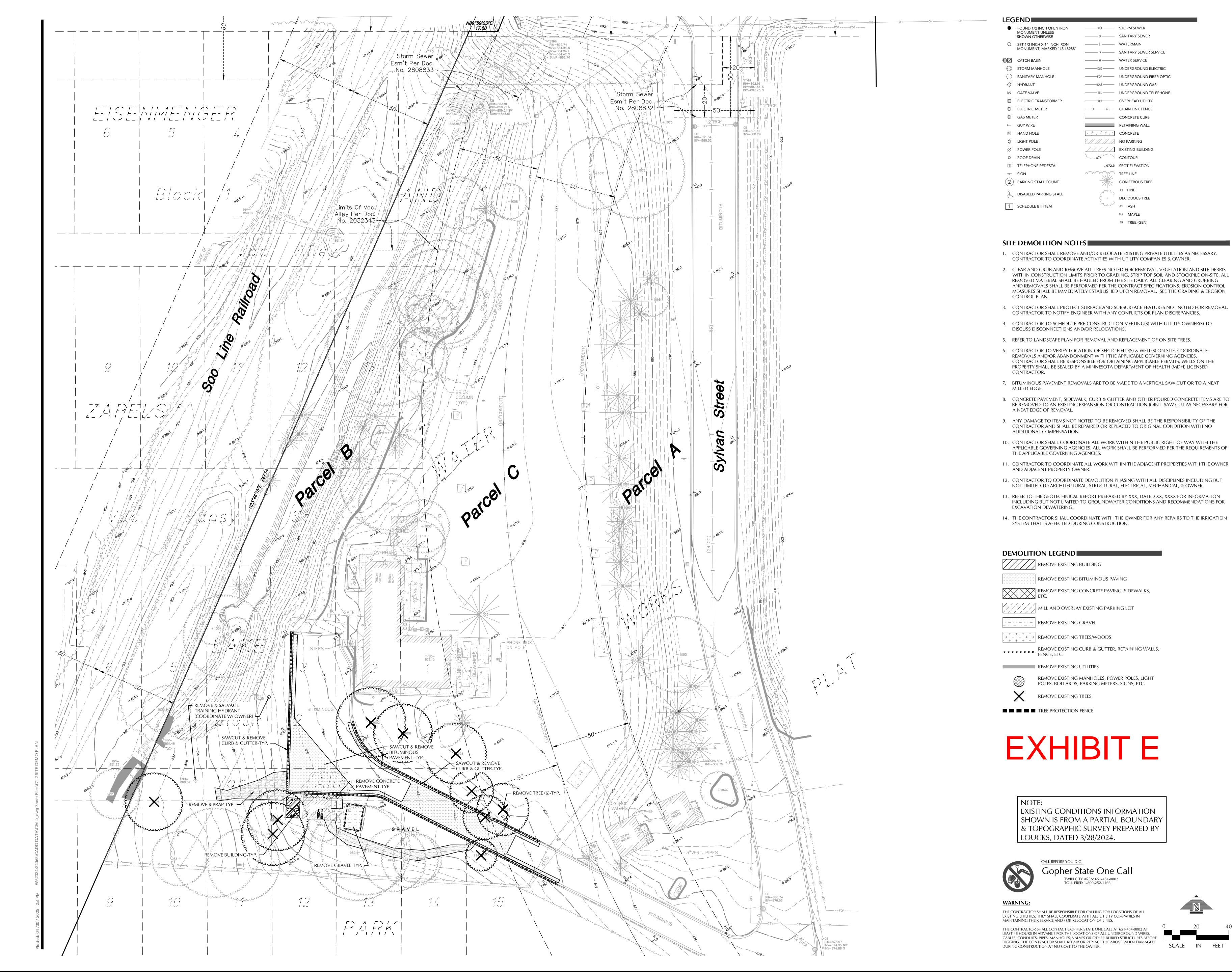
LOUCKS

EXISTING CONDITIONS PLAN

ISSUES & REVISIONS 07-03-24 DD PRICING SET CONSTRUCTION 05-05-25 **DOCUMENTS**

05/05/2025 LOUCKS PROJECT NUMBER: 24065A 65431-21208 **COMMISSION NO:**

TWIN CITY AREA: 651-454-0002 TOLL FREE: 1-800-252-1166





---->> STORM SEWER

——— | ——— WATERMAIN

——>—— SANITARY SEWER

------ W ------ WATER SERVICE

——— S ——— SANITARY SEWER SERVICE

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CONIFEROUS TREE

DECIDUOUS TREE

CONCRETE

NO PARKING

_972 CONTOUR

TREE LINE

REMOVE EXISTING BITUMINOUS PAVING

REMOVE EXISTING MANHOLES, POWER POLES, LIGHT POLES, BOLLARDS, PARKING METERS, SIGNS, ETC.

Gopher State One Call

TWIN CITY AREA: 651-454-0002 TOLL FREE: 1-800-252-1166

REMOVE EXISTING GRAVEL

REMOVE EXISTING TREES

-----FOP------ UNDERGROUND FIBER OPTIC

----- TEL ----- UNDERGROUND TELEPHONE

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SPPD K-9 FOUNDATION PARKING EXPANSION & RETAINING WALL SAINT PAUL, MN

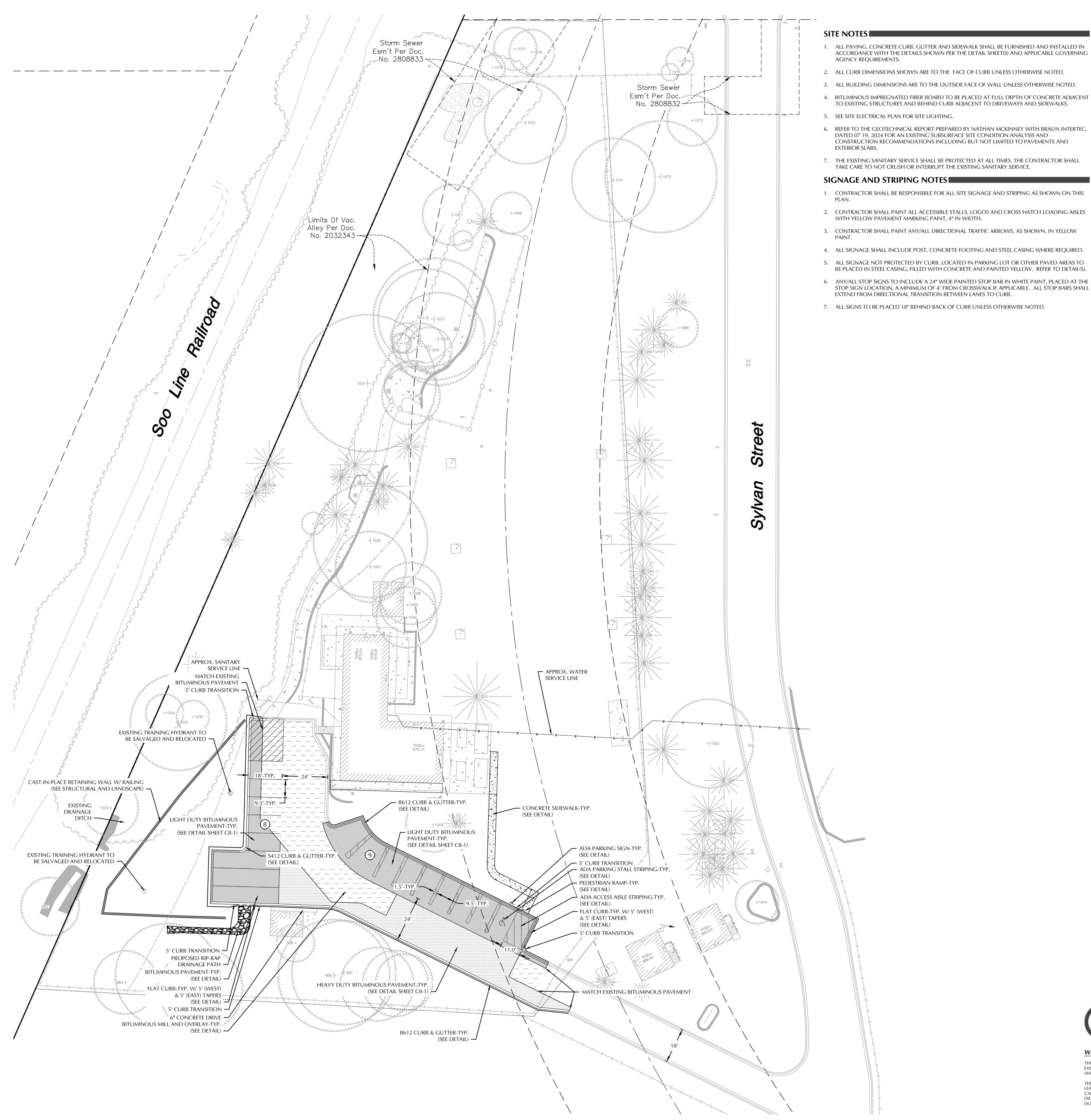


SITE DEMOLITION PLAN

	07-03-24
CONSTRUCTION	05-05-25
DOCUMENTS	

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.

Jacob R. Mitzel - PE License No. 05/05/2025 LOUCKS PROJECT NUMBER: 24065A 65431-21208 **COMMISSION NO:**



SITE DATA

PARKING SPACE LENGTH

DRIVE LANE WIDTH

- 2. ALL CURB DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- 3. ALL BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF WALL UNLESS OTHERWISE NOTED.
- 4. BITUMINOUS IMPREGNATED FIBER BOARD TO BE PLACED AT FULL DEPTH OF CONCRETE ADJACENT TO EXISTING STRUCTURES AND BEHIND CURB ADJACENT TO DRIVEWAYS AND SIDEWALKS.
- 6. REFER TO THE GEOTECHNICAL REPORT PREPARED BY NATHAN MCKINNEY WITH BRAUN INTERTEC, DATED 07 19, 2024 FOR AN EXISTING SUBSURFACE SITE CONDITION ANALYSIS AND CONSTRUCTION RECOMMENDATIONS INCLUDING BUT NOT LIMITED TO PAVEMENTS AND
- 7. THE EXISTING SANITARY SERVICE SHALL BE PROTECTED AT ALL TIMES. THE CONTRACTOR SHALL
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE SIGNAGE AND STRIPING AS SHOWN ON THIS
- 2. CONTRACTOR SHALL PAINT ALL ACCESSIBLE STALLS, LOGOS AND CROSS HATCH LOADING AISLES WITH YELLOW PAVEMENT MARKING PAINT, 4" IN WIDTH.
- 3. CONTRACTOR SHALL PAINT ANY/ALL DIRECTIONAL TRAFFIC ARROWS, AS SHOWN, IN YELLOW
- 4. ALL SIGNAGE SHALL INCLUDE POST, CONCRETE FOOTING AND STEEL CASING WHERE REQUIRED. 5. ALL SIGNAGE NOT PROTECTED BY CURB, LOCATED IN PARKING LOT OR OTHER PAVED AREAS TO
- BE PLACED IN STEEL CASING, FILLED WITH CONCRETE AND PAINTED YELLOW. REFER TO DETAIL(S). 6. ANY/ALL STOP SIGNS TO INCLUDE A 24" WIDE PAINTED STOP BAR IN WHITE PAINT, PLACED AT THE
- 7. ALL SIGNS TO BE PLACED 18" BEHIND BACK OF CURB UNLESS OTHERWISE NOTED.

CURRENT ZONING: FARM RESIDENTIAL PROPOSED ZONING: FARM RESIDENTIAL

PROPERTY AREA (GROSS LEASED AREA): $2.36 \pm AC$ BUILDABLE PROPERTY AREA (NET):

DISTURBED AREA: **EXISTING IMPERVIOUS AREA:** $\overline{0.42} \pm AC (17.8\%)^*$ PROPOSED IMPERVIOUS AREA: $\overline{0.53} \pm AC (22.5\%)^*$

*IMPERVIOUS AREAS BASED ON DISTURBED AREA ONLY DEVELOPMENT AND DESIGN STANDARDS

BUILDING HEIGHT: 35 FT MAXIMUM MINIMUM PARKING LAYOUT DIMENSIONS (90 DEGREE PATTERN): PARKING SPACE WIDTH = 9.5 FT

= 18 FT

= 24 FT

PAVEMENT TYPES CONCRETE SIDEWALK HEAVY DUTY BITUMINOUS PAVEMENT (SEE DETAIL SHEET C8-1) LIGHT DUTY BITUMINOUS PAVEMENT (SEE DETAIL SHEET C8-1)

BITUMINOUS PAVEMENT
2" MILL AND OVERLAY

SEE PAVEMENT SECTIONS ON SHEET C8-1 FOR TYPE AND DEPTH INFORMATION.

B612 CURB & GUTTER (STANDARD) B612 CURB & GUTTER (TIP OUT) FLAT CURB & GUTTER (STANDARD)

FLAT CURB & GUTTER (TIP OUT) SURMOUNTABLE CURB & GUTTER (STANDARD) SURMOUNTABLE CURB & GUTTER (TIP OUT)

SEE CURB & GUTTER DETAILS ON SHEET C8-1.

LEGEND PROPOSED **EXISTING** CATCH BASIN STORM MANHOLE FLARED END SECTION SANITARY MANHOLE HYDRANT GATE VALVE POST INDICATOR VALVE WATER MANHOLE / WELL LIGHT POLE **POWER POLE** ELECTRIC METER GAS METER **TELEPHONE PEDESTAL** BENCHMARK SOIL BORING PARKING STALL COUNT ACCESSIBLE PARKING STALL UNDERGROUND ELECTRIC CHAIN LINK FENCE CONCRETE CURB **RETAINING WALL** CONCRETE NO PARKING BUILDING CONTOUR SPOT ELEVATION 1.0% $\sim\sim\sim$ TREE LINE PARKING SETBACK LINE

BUILDING SETBACK LINE ——BSBL——

EXISTING CONDITIONS INFORMATION

SHOWN IS FROM A PARTIAL BOUNDARY

& TOPOGRAPHIC SURVEY PREPARED BY

LOUCKS, DATED 3/28/2024.

Gopher State One Call

TWIN CITY AREA: 651-454-0002

TOLL FREE: 1-800-252-1166

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED

MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.

DURING CONSTRUCTION AT NO COST TO THE OWNER.

WARNING:

EXHIBIT E

DD PRICING SET CONSTRUCTION

05-05-25 **DOCUMENTS**

SITE PLAN

07-03-24

ISSUES & REVISIONS

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.

POPE DESIGN GROUP

767 N. EUSTIS STREET, SUITE 190

ST. PAUL, MINNESOTA 55114

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FOUNDATION

EXPANSION &

RETAINING WALL

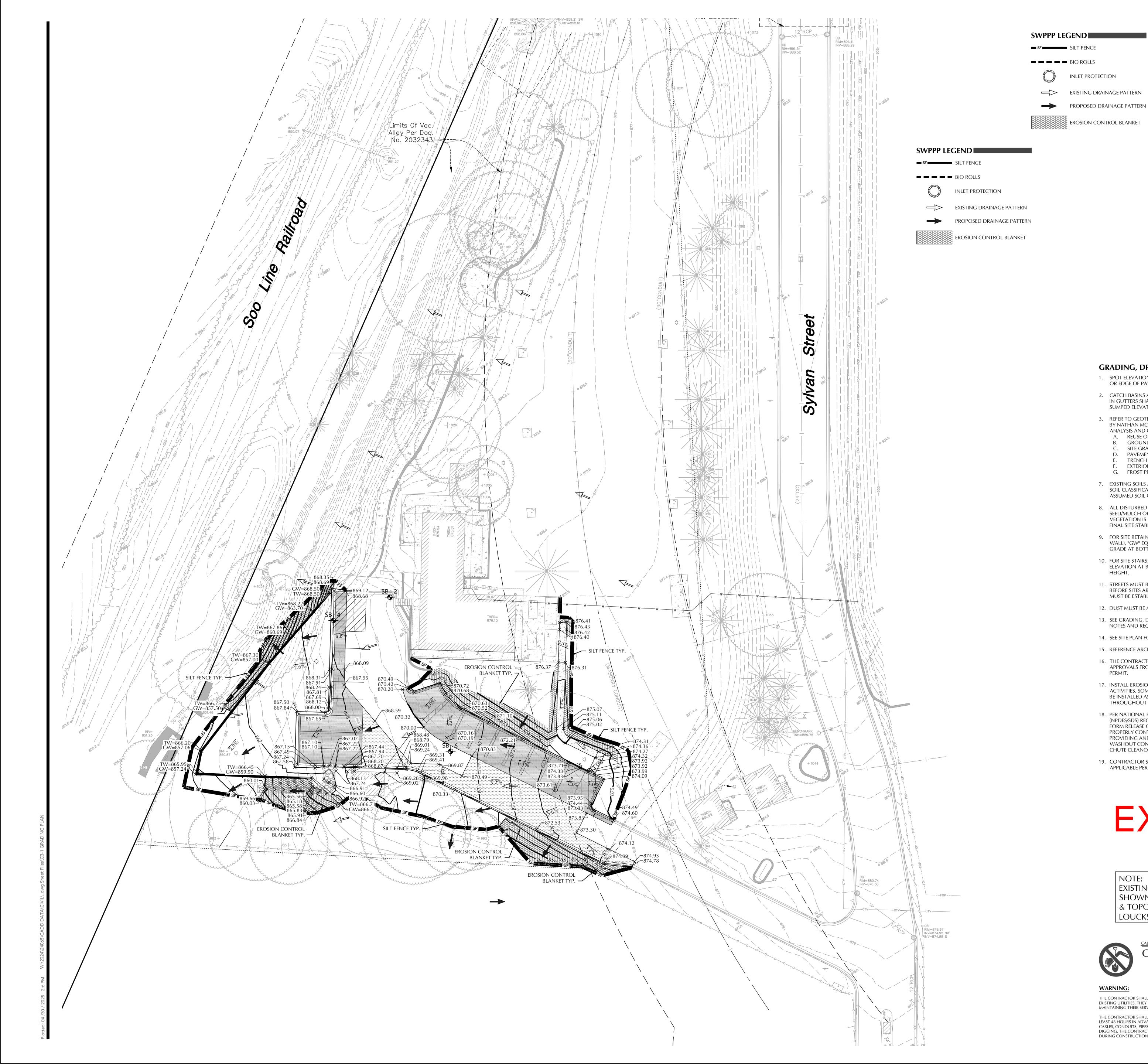
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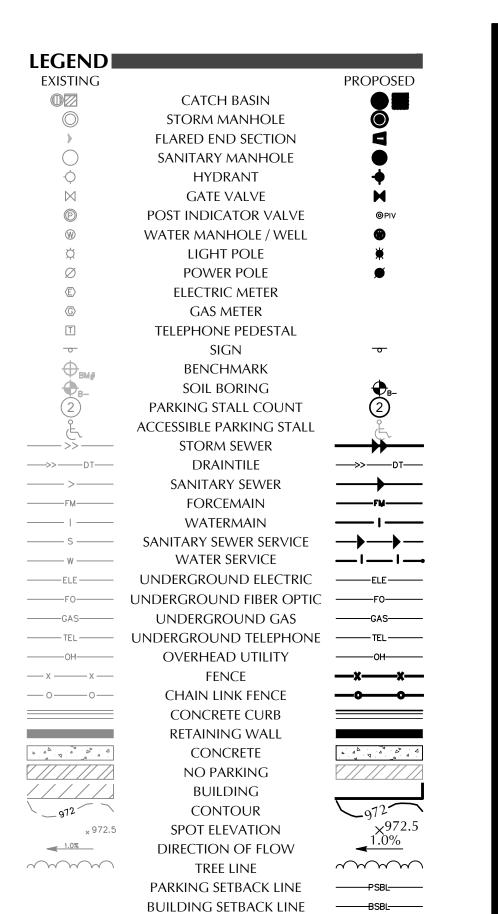
SAINT PAUL, MN

Jacob R. Mitzel - PE License No. 58666 05/05/2025 LOUCKS PROJECT NUMBER: 24065A

65431-21208

COMMISSION NO:





GRADING, DRAINAGE & EROSION CONTROL NOTES

1. SPOT ELEVATIONS REPRESENT FINISHED SURFACE GRADES, GUTTER/FLOW LINE, FACE OF BUILDING, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. 2. CATCH BASINS AND MANHOLES IN PAVED AREAS SHALL BE SUMPED 0.04 FEET. ALL CATCH BASINS

IN GUTTERS SHALL BE SUMPED 0.16 FEET. RIM ELEVATIONS SHOWN ON PLANS DO NOT REFLECT

- SUMPED ELEVATIONS. 3. REFER TO GEOTECHNICAL EVALUATION REPORT (REPORT 45791), DATED 07 19, 2024 AS PREPARED BY NATHAN MCKINNEY WITH BRAUN INTERTEC, FOR AN EXISTING SUBSURFACE SITE CONDITION
- ANALYSIS AND CONSTRUCTION RECOMMENDATIONS INCLUDING BUT NOT LIMITED TO: A. REUSE OF ON-SITE SOILS B GROUNDWATER AND RECOMMENDATIONS FOR EXCAVATION DEWATERING
- SITE GRADING AND SUBGRADE PREPARATION. PAVEMENTS AND EXTERIOR SLABS.
- TRENCH EXCAVATION AND BACKFILL.
- EXTERIOR UTILITY SUPPORTS. G. FROST PROTECTION.
- 7. EXISTING SOILS ARE ASSUMED TO BE SANDY-GRAINED SOILS (SM, SP-SM, ML, SP) PER THE UNIFIED SOIL CLASSIFICATION. CONTRACTOR TO NOTIFY ENGINEER IF EXISTING CONDITIONS DIFFER FROM ASSUMED SOIL CONDITIONS.
- 8. ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE MINIMUM OF 4 INCHES OF TOP SOIL AND SEED/MULCH OR SOD. THESE AREAS SHALL BE WATERED/MAINTAINED BY THE CONTRACTOR UNTIL VEGETATION IS ESTABLISHED. REFER TO THE LANDSCAPE PLANS, DETAILS AND SPECIFICATIONS FOR
- 9. FOR SITE RETAINING WALLS "TW" EQUALS SURFACE GRADE AT TOP FACE OF WALL (NOT TOP OF WALL), "GW" EQUALS SURFACE GRADE AT WALL GRADE TRANSITION, AND "BW" EQUALS SURFACE GRADE AT BOTTOM FACE OF WALL (NOT BOTTOM OF BURIED WALL COURSES).
- 10. FOR SITE STAIRS, "TS" EQUALS SURFACE ELEVATION AT TOP OF STAIRS AND "BS" EQUALS SURFACE ELEVATION AT BOTTOM OF STAIRS. REFER TO SITE PLAN FOR NUMBER OF RISERS AND RISER
- 11. STREETS MUST BE CLEANED AND SWEPT WHENEVER TRACKING OF SEDIMENTS OCCURS AND BEFORE SITES ARE LEFT IDLE FOR WEEKENDS AND HOLIDAYS. A REGULAR SWEEPING SCHEDULE MUST BE ESTABLISHED.
- 12. DUST MUST BE ADEQUATELY CONTROLLED.
- 13. SEE GRADING, DRAINAGE, & EROSION CONTROL PLAN FOR ADDITIONAL EROSION CONTROL NOTES AND REQUIREMENTS.
- 14. SEE SITE PLAN FOR CURB AND BITUMINOUS TAPER LOCATIONS.
- 15. REFERENCE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING ELEVATIONS.
- 16. THE CONTRACTOR ALONG WITH THE OWNER SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM GOVERNING AUTHORITIES, INCLUDING ANY CITY PERMITS AND THE NPDES
- ACTIVITIES. SOME EROSION CONTROLS SUCH AS BALE CHECKS AND TEMPORARY SILT PONDS MAY BE INSTALLED AS GRADING OCCURS IN SPECIFIC AREAS. MAINTAIN EROSION CONTROLS THROUGHOUT THE GRADING PROCESS AND REMOVE WHEN TURF HAS BEEN ESTABLISHED.
- 18. PER NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM/STATE DISPOSAL SYSTEM (NPDES/SDS) REQUIREMENTS, THE WASHOUT AND CLEANOUT OF STUCCO, PAINT, CONCRETE, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS SHALL BE PROPERLY CONTAINED AND DISPOSED OF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND USING APPROVED METHODS OF CONTAINMENT SUCH AS PRE-FABRICATED WASHOUT CONTAINERS, CONCRETE WASHOUT TOTE, READY MIX TRUCKS WITH SELF-CONTAINED CHUTE CLEANOUT, ETC.
- 19. CONTRACTOR SHALL PROVIDE AS-BUILT INFORMATION OF GRADING ACTIVITIES AS NEEDED PER APPLICABLE PERMIT REQUIREMENTS AND/OR DEVELOPMENT AGREEMENTS.

EXHIBIT E

EXISTING CONDITIONS INFORMATION SHOWN IS FROM A PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY

LOUCKS, DATED 3/28/2024.



Gopher State One Call TWIN CITY AREA: 651-454-0002 TOLL FREE: 1-800-252-1166

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GRADING & **EROSION CONTROL** PLAN

POPE DESIGN GROUP

767 N. EUSTIS STREET, SUITE 190

ST. PAUL, MINNESOTA 55114

651.642.9200

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SPPD K-9

FOUNDATION

PARKING

EXPANSION &

RETAINING WALL

LOUCKS

SAINT PAUL, MN

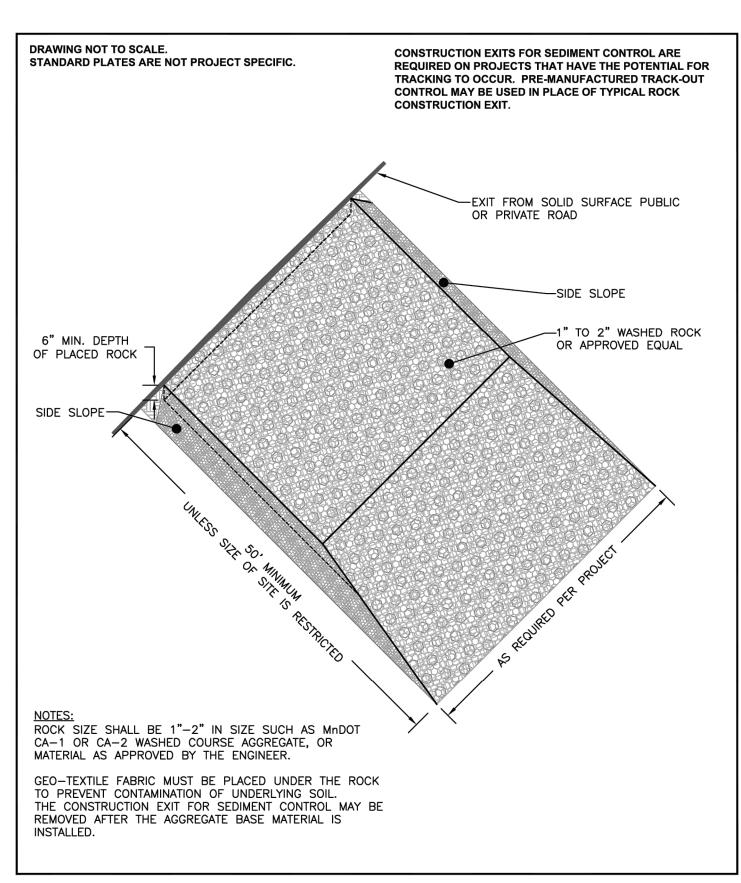
ISSUES & REVISIONS	DATE
DD PRICING SET	07-03-24
CONSTRUCTION	05-05-25
DOCUMENTS	
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laws of the State of Minnesota. Jacob R. Mitzel - PE License No.

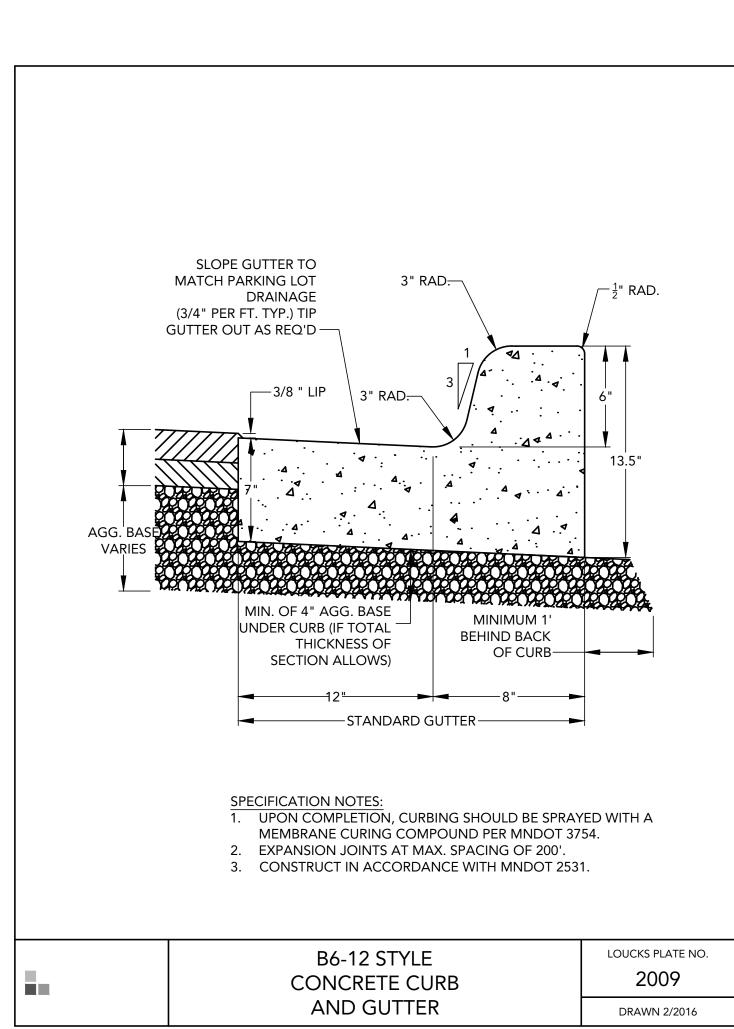
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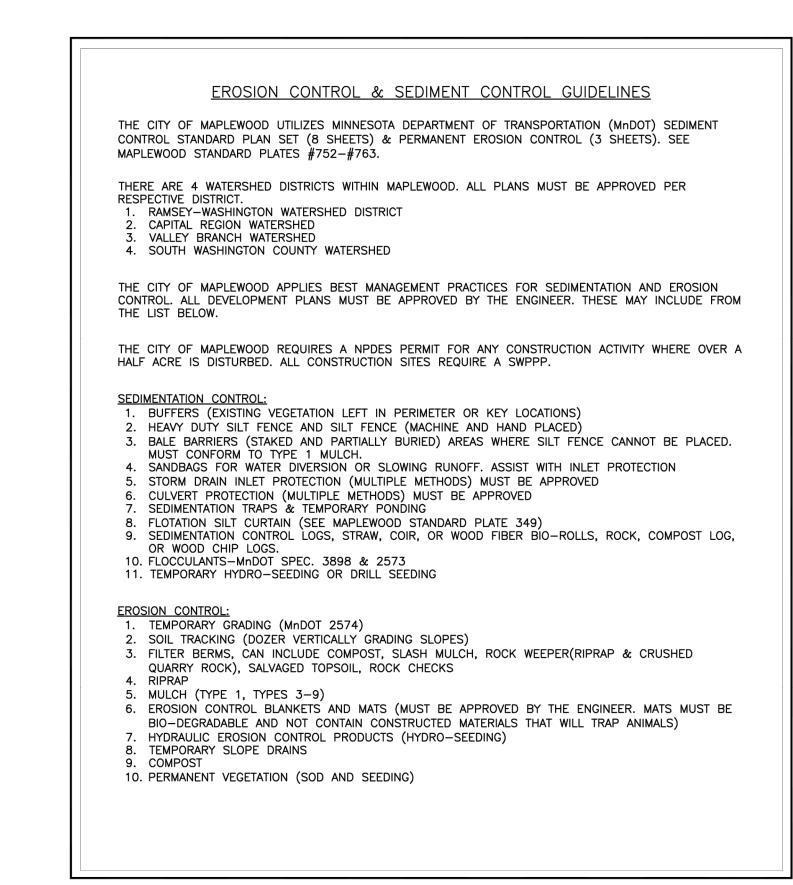
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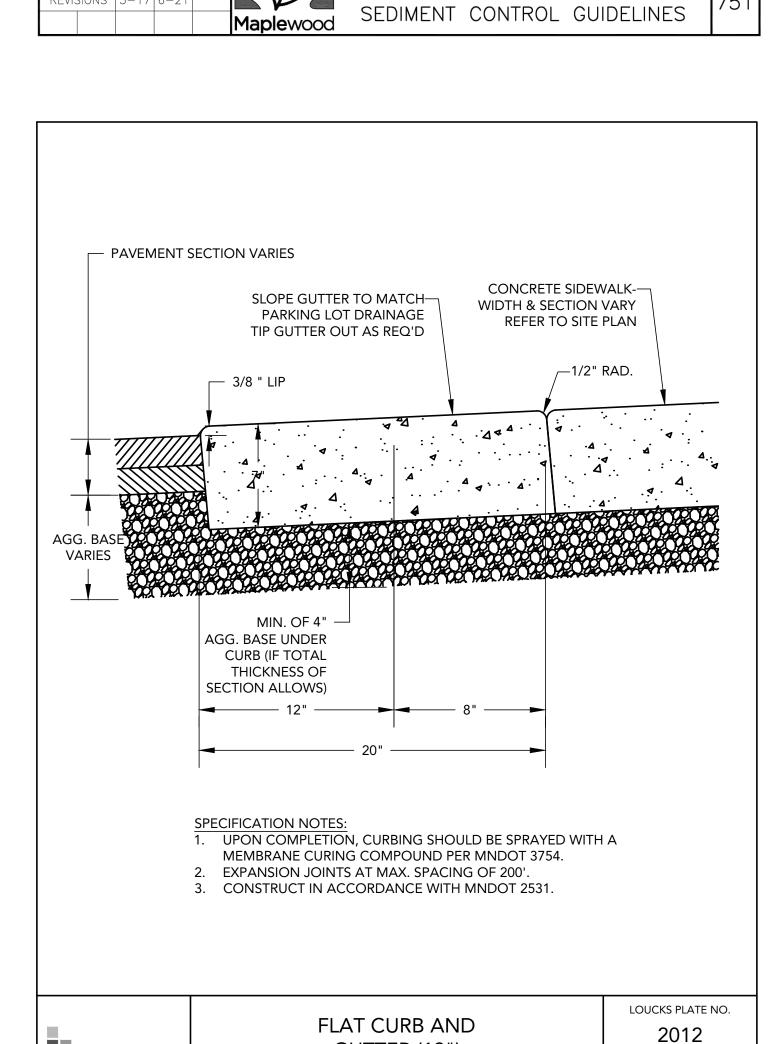
65431-21208 **COMMISSION NO:**



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REVISIONS 6	6-21		TEMPORARY SEDIMENT CONTROL,	750
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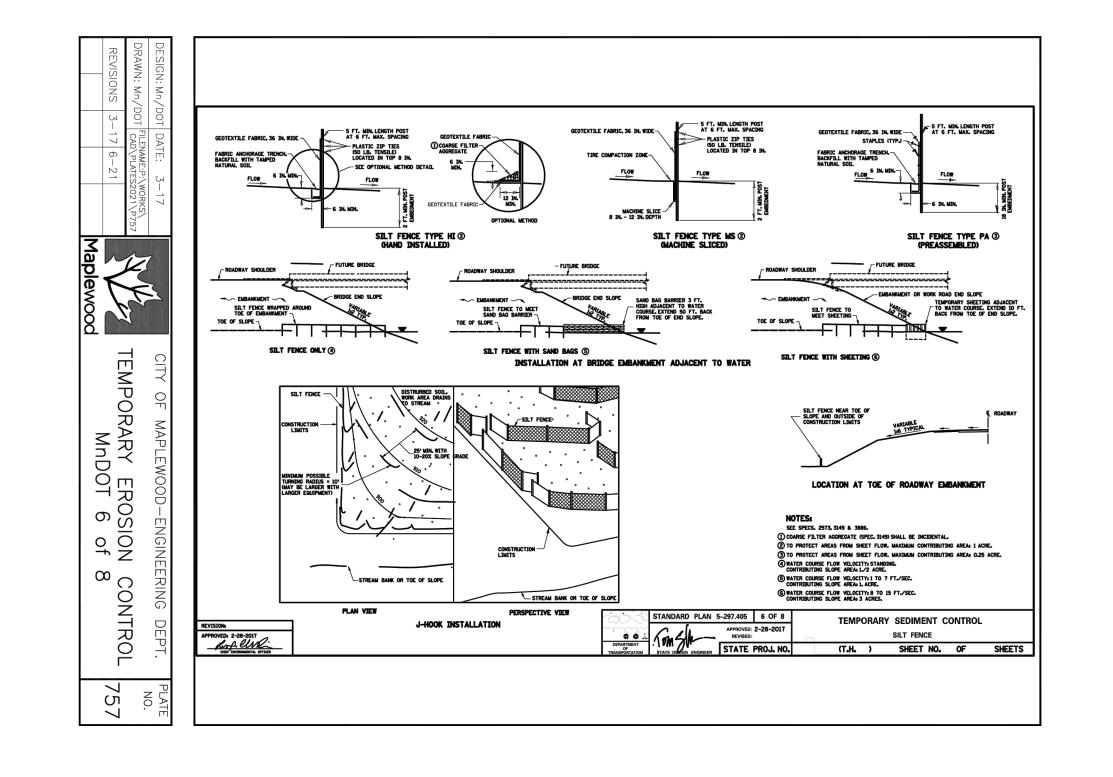


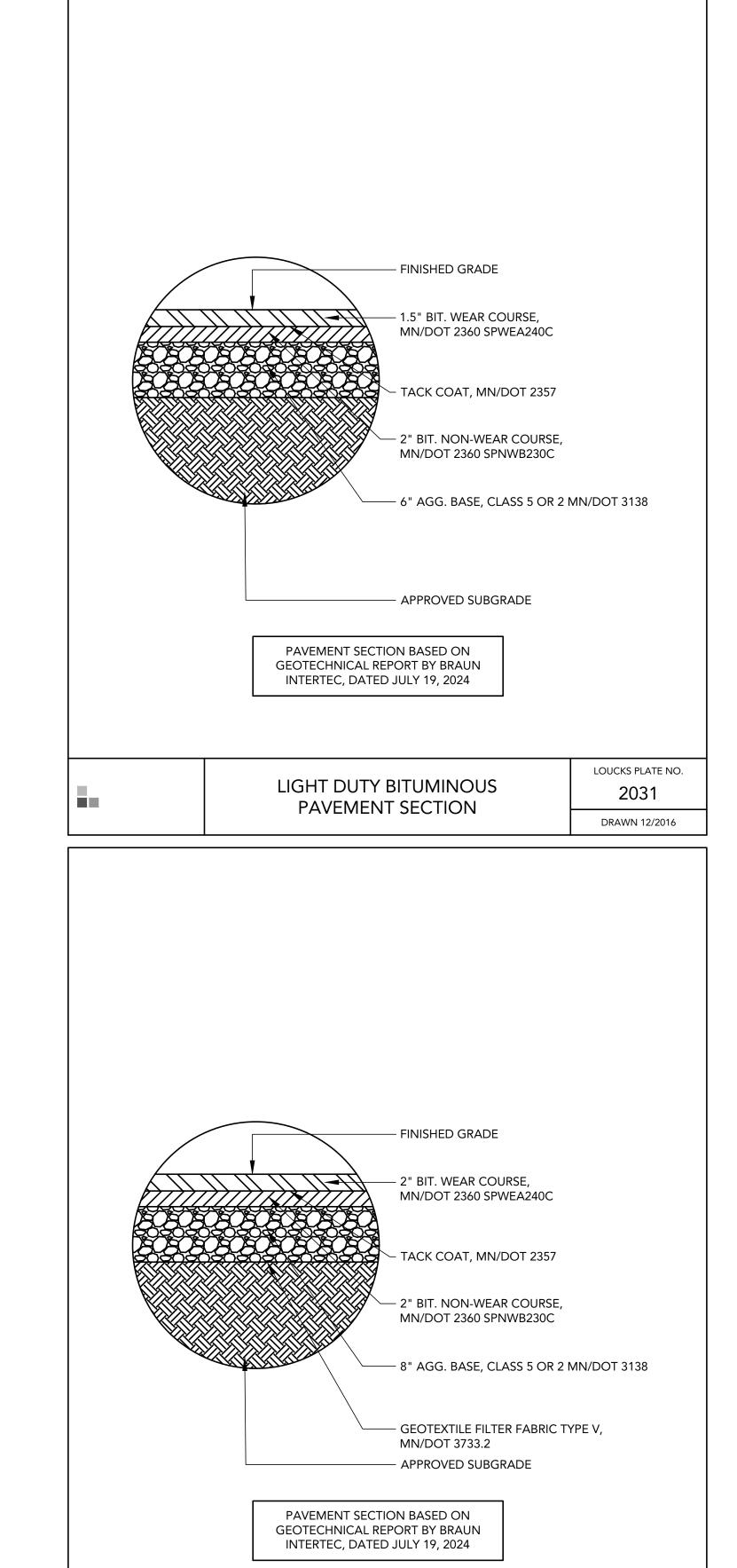
GUTTER (12")

DRAWN 2/2016

CITY OF MAPLEWOOD-ENGINEERING DEPT.

EROSION CONTROL &

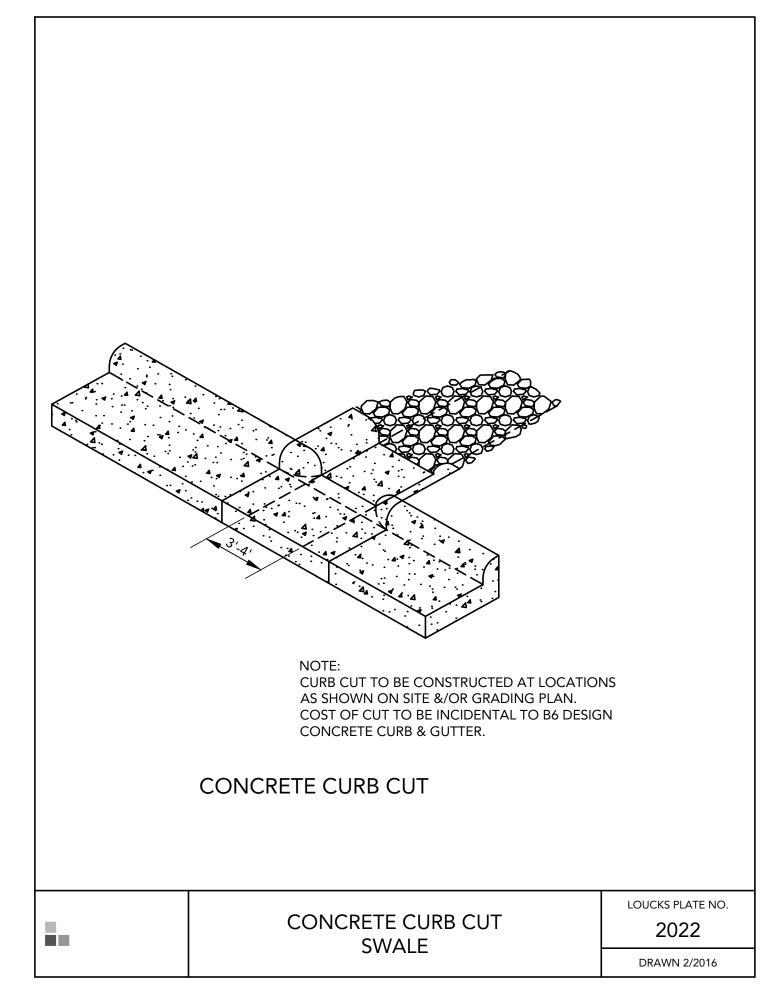


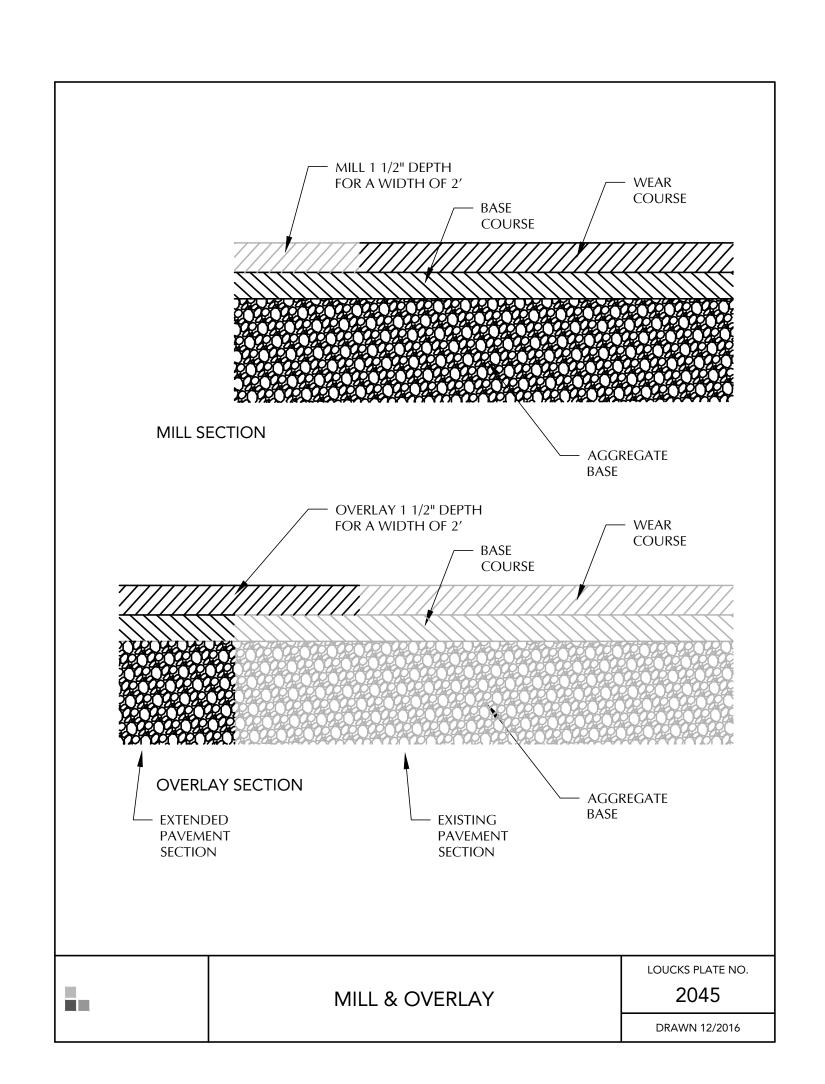


HEAVY DUTY BITUMINOUS PAVEMENT SECTION

LOUCKS PLATE NO.

DRAWN 12/2016







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SPPD K-9 FOUNDATION PARKING EXPANSION & RETAINING WALL SAINT PAUL, MN



CIVIL DETAILS

DD PRICING SET	07-0
CONSTRUCTION	05-0
DOCUMENTS	

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.

Jacob R. Mitzel - PE License No. 05/05/2025 LOUCKS PROJECT NUMBER: 24065A

65431-21208

COMMISSION NO:

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NUMBER	SPECIES	DBH	(IN)	CONDITION	CLASSIFICATION	REMOVED	REMAIN
1073	GREEN ASH	19	IN	FAIR			
1074	MULBERRY	10	IN	GOOD	SIGNIFICANT		
1075	MULBERRY	6	IN	GOOD	SIGNIFICANT		
1076	BOXELDER	17	IN	FAIR			
1077	BOXELDER	16	IN	FAIR			
1078	GREEN ASH	9	IN	FAIR			

EXISTING TREES TO REMAIN

TREE PRESERVATION CALCULATIONS

98 SIGNIFICANT OR SPECIMEN TREES SURVEYED

236 CALIPER INCHES OF SIGNIFICANT OR SPECIMEN TREES

1,908 CALIPER INCHES OF EXISTING TREES

EXISTING TREES:

TREES REMOVED:

TREES REMOVED:

10 TREES

REMOVED

12 % OF THE EXISTING TREES



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SPPD K-9 FOUNDATION PARKING EXPANSION & RETAINING WALL SAINT PAUL, MN



TREE PRESERVATION PLAN

07-03-24

05-05-25

ISSUES & REVISIONS

DD PRICING SET CONSTRUCTION

NOTE: EXISTING CONDITIONS INFORMATION SHOWN IS FROM A PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY LOUCKS, DATED 3/28/2024.

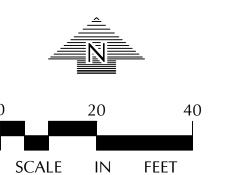
EXHIBIT E



TWIN CITY AREA: 651-454-0002 TOLL FREE: 1-800-252-1166

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL

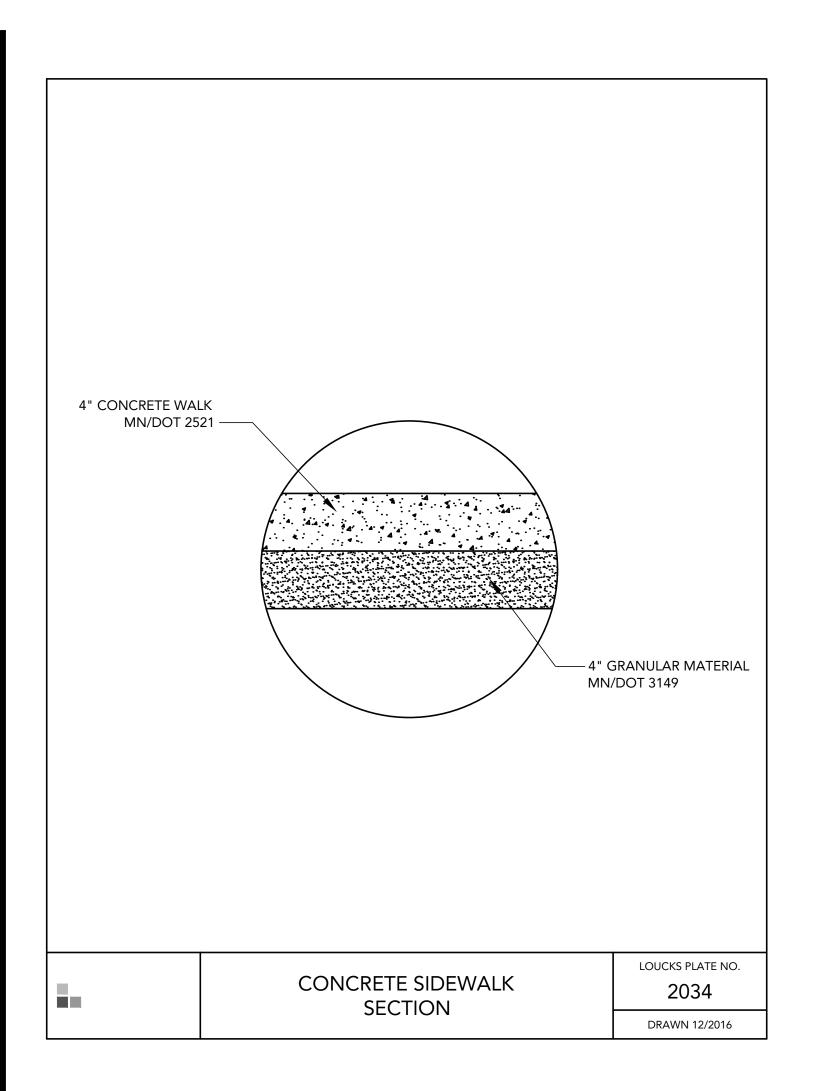
EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES. THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

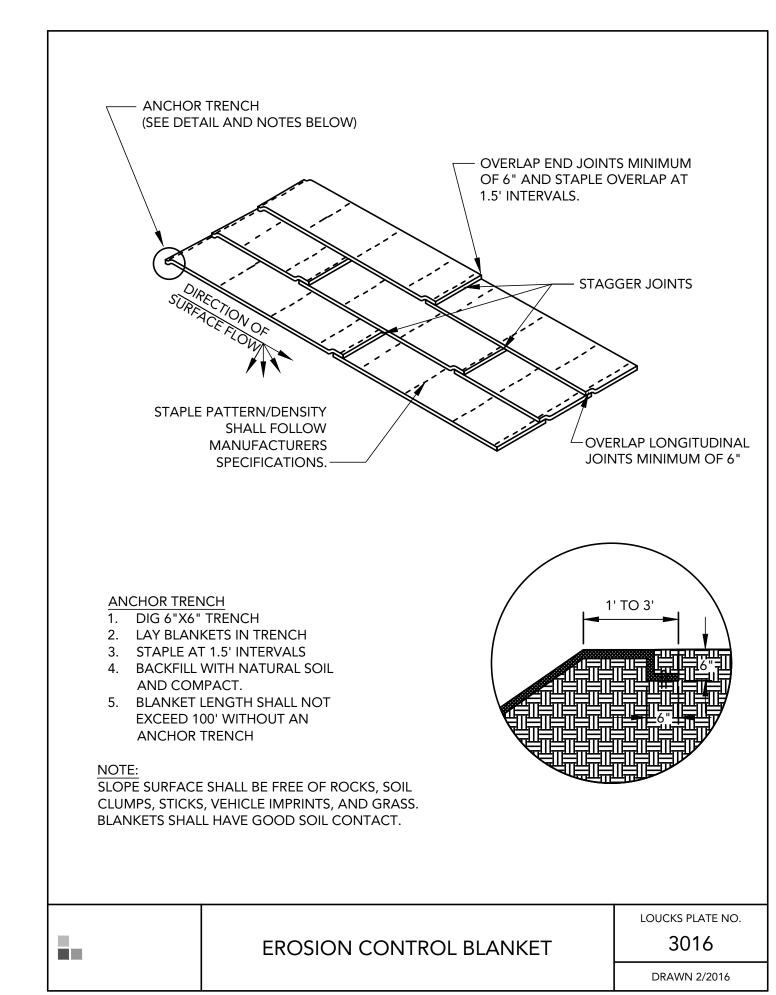


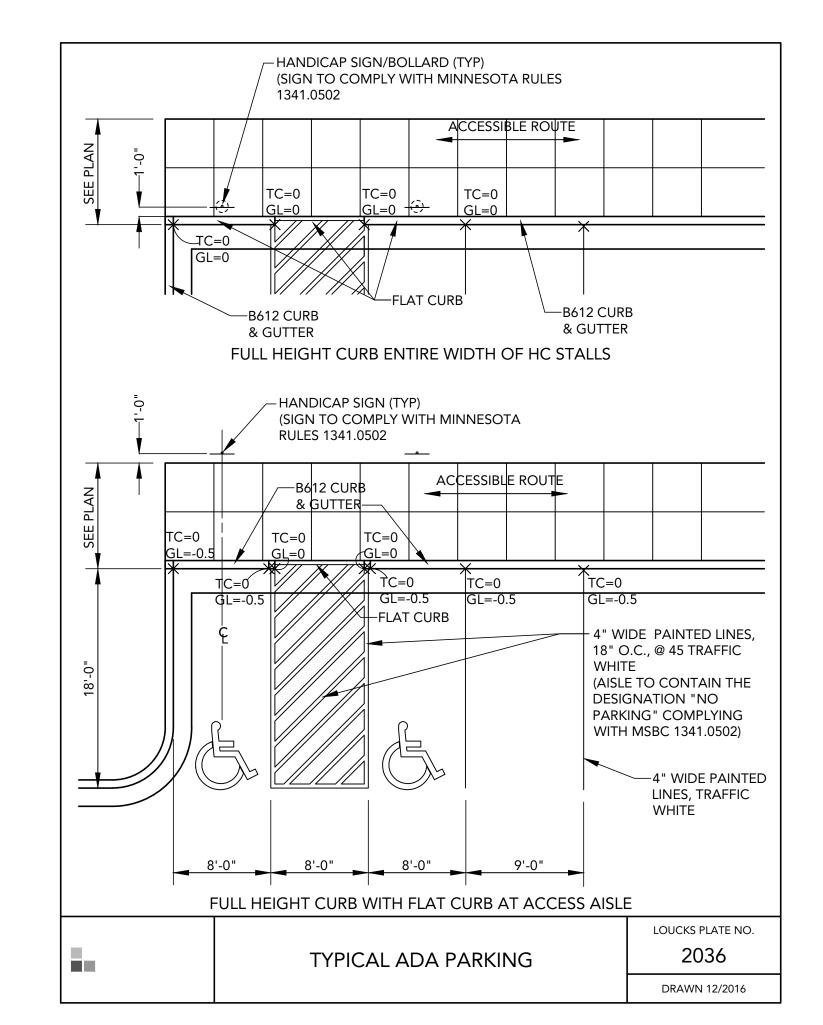
53757 License No. 05/05/2025 LOUCKS PROJECT NUMBER: 24065A 65431-21208 **COMMISSION NO:**

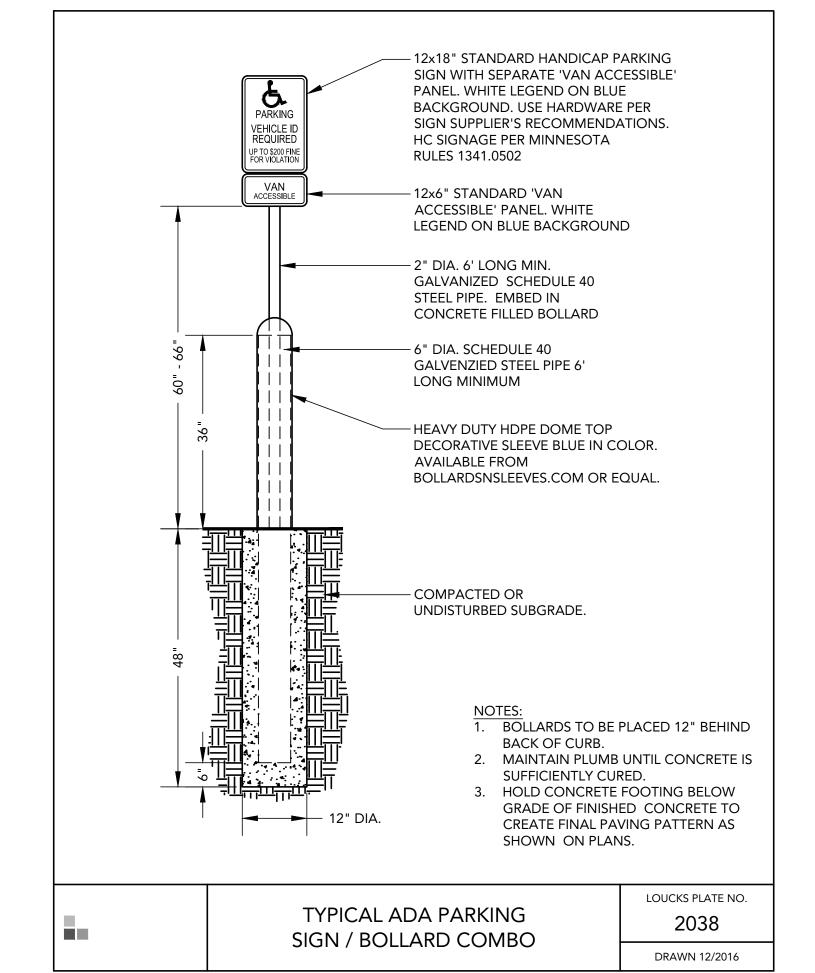
prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws

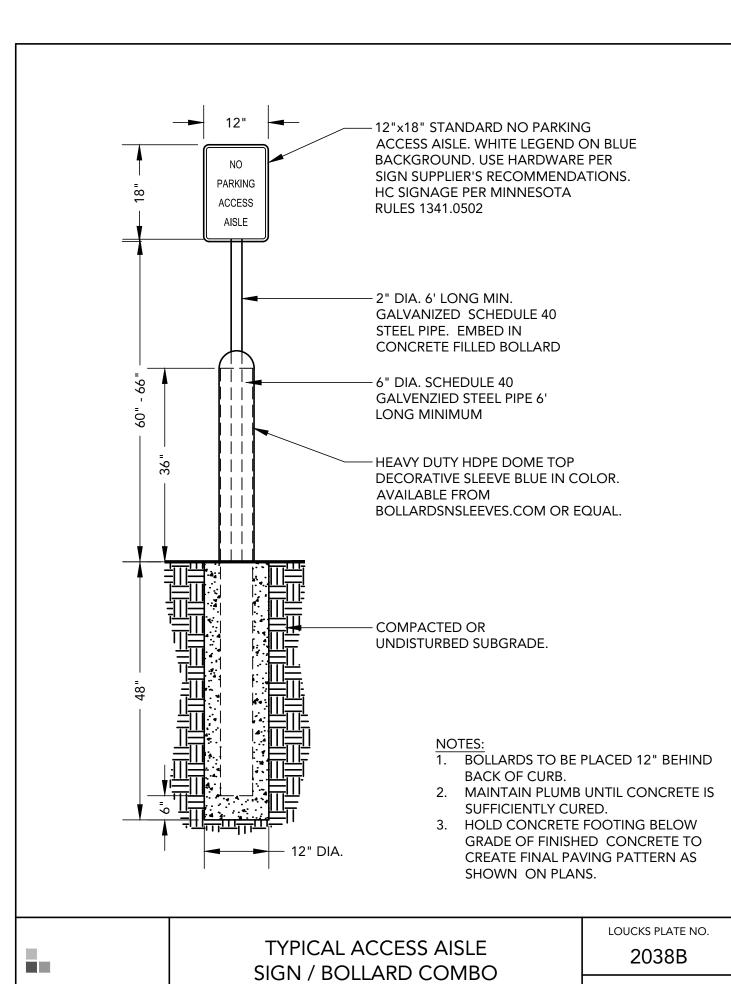
of the State of Minnesota.











DRAWN 10/2018



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SAINT PAUL, MN



CIVIL DETAILS

DD PRICING SET 07-03-24
CONSTRUCTION 05-05-25
DOCUMENTS

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

Jacob R. Mitzel - PE
License No. 5866
Date 05/05/202
LOUCKS PROJECT NUMBER: 24065A

COMMISSION NO:

DRAWN BY:

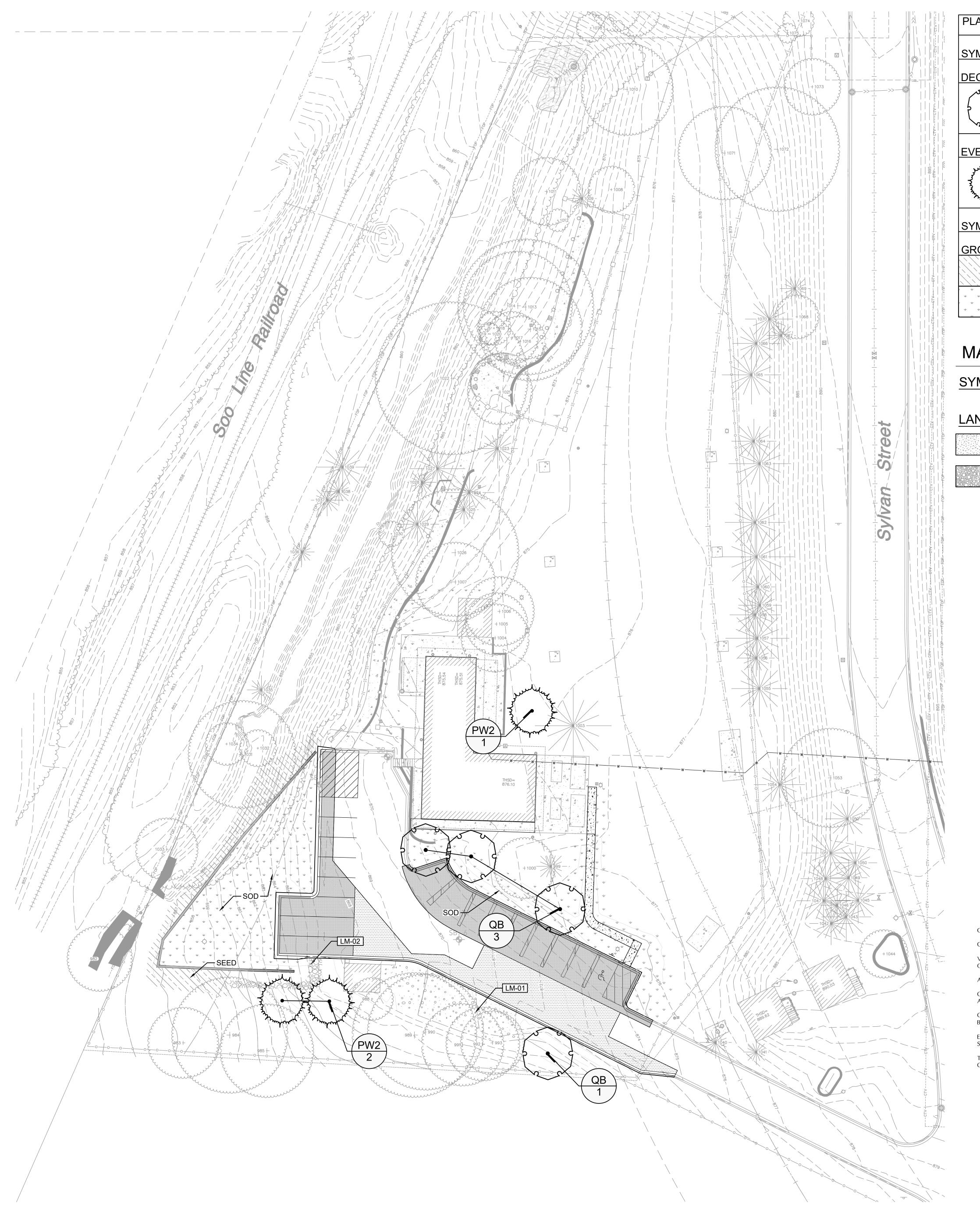
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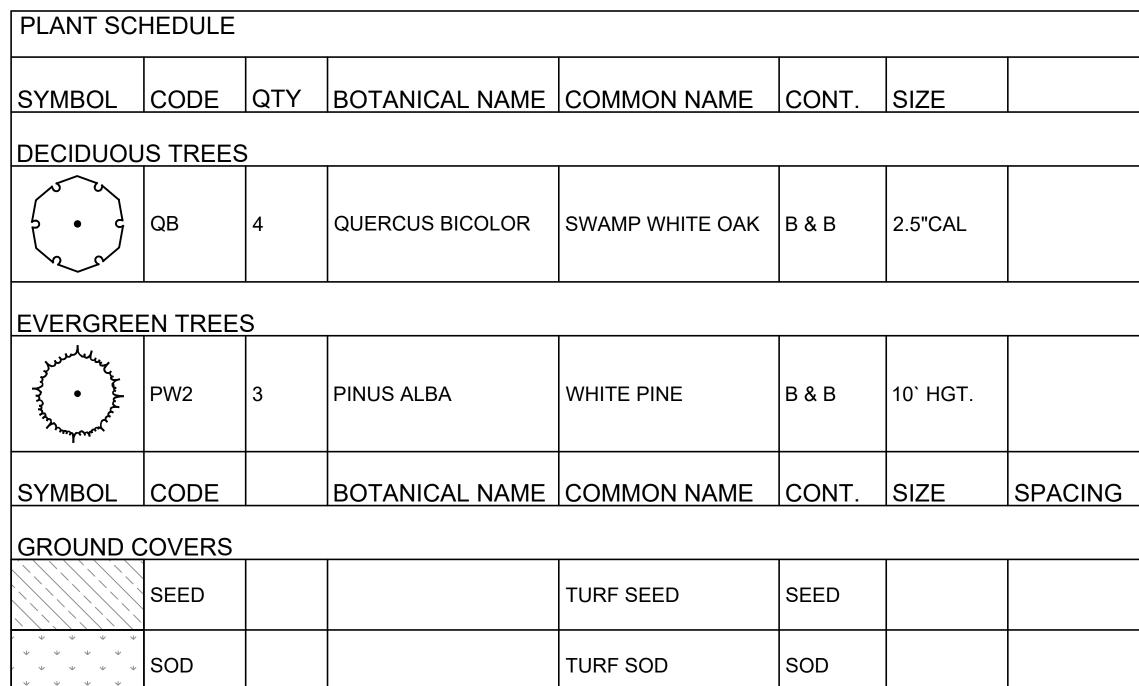
SHEET

C8-2

TRUE SHEET SCALE

0" 1/2" 1"





MATERIAL SCHEDULE

SYMBOL CODE DESCRIPTION DETAIL

LANDSCAPE MATERIALS

LM-01 3/4" TRAP ROCK GRAVEL

5/L3.1

LM-02 5" - 8" DECORATIVE TRAP ROCK RIP-RAP

4/L3.1

EXHIBIT E

CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID. HE SHALL INSPECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.

VERIFY LAYOUT AND ANY DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT ANY DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND / OR INTEN OF THE PROJECT'S LAYOUT.

ASSURE COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.

CONTRACTOR SHALL PROTECT ALL EXISTING ROADS, CURBS / GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING PLANTING OPERATIONS. ANY DAMAGE TO SAME SHALL BE REPAIR AT NO COST TO THE OWNER.

BEFORE CONSTRUCTION / MATERIAL INSTALLATION BEGINS. CONTRACTOR TO NOTIFY GENERAL CONTRACTOR OF ANY CONCERNS PRIOR TO INSTALLATION OF PLANTINGS.

EXISTING CONTOURS, TRAILS, VEGETATION, CURB / GUTTER AND OTHER EXISTING ELEMENTS BASED UPON INFORMATION SUPPLIED TO LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY ANY AND ALL DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY LANDSCAPE ARCHITECT OF SAME.

THE ALIGNMENT AND GRADES OF THE PROPOSED WALKS, TRAILS AND / OR ROADWAYS ARE SUBJECT TO FIELD ADJUSTMENT REQUIRED TO CONFORM TO LOCALIZED TOPOGRAPHIC CONDITIONS AND TO MINIMIZE TREE REMOVAL AND GRADING. ANY CHANGE IN ALIGNMENT MUST BE APPROVED BY LANDSCAPE ARCHITECT.



CALL BEFORE YOU DIG!

Gopher State One Ca

TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166

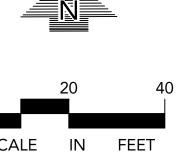
WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF

DURING CONSTRUCTION AT NO COST TO THE OWNER.

ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED



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LANDSCAPE PLAN

ISSUES & REVISIONS	DATE
DD PRICING SET	07-03-24
CONSTRUCTION	05-05-25
DOCUMENTS	

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws

Kevin V. Kroen - LA
License No. 53757
Date 05/05/2025

LOUCKS PROJECT NUMBER: 24065A

COMMISSION NO: 65431-21208

DRAWN BY: KVK

CHECKED BY: KVK

SHEET

L2.1

LANDSCAPE INSTALLATION:

GENERAL NOTES

COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.

NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.

ALL PLANTS TO BE INSTALLED AS PER PLANTING DETAILS. REMOVE ALL FLAGGING AND LABELS FROM PLANTS.

IF THE LANDSCAPE CONTRACTOR IS CONCERNED OR PERCEIVES ANY DEFICIENCIES IN THE PLANT SELECTIONS, SOIL CONDITIONS OR ANY OTHER SITE CONDITION WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR GUARANTEE, THE CONTRACTOR MUST BRING THESE DEFICIENCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT AND / OR INSTALLATION.

PROTECT ALL EXISTING TREES ON SITE SCHEDULED TO REMAIN. IF EXISTING TREES ARE DAMAGED IN ANY MANNER, ABOVE OR BELOW GROUND IN THE ROOT SYSTEM, AN ASPHALTIC TREE PRUNING PAINT SHOULD BE APPLIED IMMEDIATELY AFTER WOUNDING.

SOIL & GROUNDCOVER

ALL PLANTING AREAS RECEIVING PLANTED GROUND COVER, PERENNIALS, ANNUALS, AND/OR VINES SHALL RECEIVE A MINIMUM OF 24" DEPTH OF PLANTING SOIL (MNDOT 3877 - 2B OR EQUAL).

WHERE SOD / SEED ABUTS PAVED SURFACES, FINISHED GRADE OF SOD / SEED SHALL BE HELD 1" BELOW SURFACE ELEVATION OF TRAIL, SLAB, CURB, ETC.

SOD ALL DESIGNATED AREAS DISTURBED DUE TO GRADING. SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, THE SOD SHALL BE STAKED TO THE GROUND.

LANDSCAPE CONTRACTOR SHALL VERIFY THAT SOIL AND COMPACTION CONDITIONS ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AT AND AROUND THE BUILDING SITE.

PLANTINGS INFO

ALL PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN. UNLESS NOTED OTHERWISE, ALL SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED MINIMUM SHRUB HEIGHT OR WIDTH. ORNAMENTAL TREES SHALL HAVE NO V CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 3' ABOVE ROOT BALL. STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 5' ABOVE FINISHED GRADE.

ANY CONIFEROUS TREE PREVIOUSLY PRUNED FOR CHRISTMAS TREE SALES SHALL NOT BE USED. ALL CONIFEROUS TREES SHALL BE FULL FORM, NATURAL TO THE SPECIES, WITHOUT PRUNING.

PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR / ROOT FLAIR IS LOCATED AT THE TOP OF THE BALLED & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR / ROOT FLAIR. WHEN THE BALLED & BURLAP TREE IS PLANTED, THE ROOT COLLAR / ROOT FLAIR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.

ALL PROPOSED PLANTS SHALL BE LOCATED AND STAKED AS SHOWN ON PLAN. ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. SHOULD AN ADJUSTMENT BE ADVISED, THE LANDSCAPE ARCHITECT MUST BE NOTIFIED.

PLAN TAKES PRECEDENCE OVER PLANT SCHEDULE IF DISCREPANCIES IN QUANTITIES EXIST. SPECIFICATIONS TAKE PRECEDENCE OVER NOTES.

NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS REQUESTED OF THE LANDSCAPE ARCHITECT BY THE LANDSCAPE CONTRACTOR PRIOR TO THE SUBMISSION OF A BID AND / OR QUOTATION.

WRAPPING MATERIAL SHALL BE CORRUGATED PVC PIPING 1" GREATER IN CALIPER THAN THE TREE BEING PROTECTED OR QUALITY, HEAVY, WATERPROOF CREPE PAPER MANUFACTURED FOR THIS PURPOSE. WRAP ALL DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO 12-1 AND REMOVE ALL WRAPPING AFTER 5-1.

FERTILIZE

ALL PLANT MATERIALS SHALL BE FERTILIZED UPON INSTALLATION WITH A 27-3-3 SLOW RELEASE FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS. PLANTS MAY BE TREATED FOR SUMMER AND FALL INSTALLATION WITH AN APPLICATION OF GRANULAR 27-3-3 AT 6 OZ PER 2.5" CALIPER PER TREE AND 3 OZ PER SHRUB WITH AN ADDITIONAL APPLICATION OF 27-3-3 THE FOLLOWING SPRING IN THE TREE SAUCER.

EDGING FOR PLANTING BEDS

BLACK METAL EDGER TO BE USED TO CONTAIN SHRUBS, PERENNIALS, AND ANNUALS WHERE BED MEETS SOD / SEED UNLESS NOTED OTHERWISE.

PLANTING BED PREPARATION

ALL ANNUAL AND PERENNIAL PLANTING BEDS TO RECEIVE 3" DEEP SHREDDED HARDWOOD MULCH WITH NO WEED BARRIER.

ALL SHRUB BED MASSINGS TO RECEIVE 3" DEEP SHREDDED HARDWOOD MULCH AND NO FIBER MAT WEED BARRIER.

ALL TREES NOT IN PLANTING BEDS TO RECEIVE 4" DEEP SHREDDED HARDWOOD MULCH RING WITH NO MULCH IN DIRECT CONTACT WITH TREE TRUNK.

SPREAD GRANULAR PRE EMERGENT HERBICIDE (PREEN OR EQUAL)
PER MANUFACTURER'S RECOMMENDATIONS UNDER ALL MULCHED
AREAS

MAINTENANCE STRIPS TO HAVE EDGER AND MULCH AS SPECIFIED / INDICATED ON DRAWING OR IN SPECIFICATION.

INSPECTION AND WARRANTY

CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE INSPECTION OF ALL LANDSCAPE AND SITE IMPROVEMENTS.

CONTRACTOR IS RESPONSIBLE FOR ON-GOING MAINTENANCE OF ALL NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ANY ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE THE OWNER WITH A MAINTENANCE PROGRAM INCLUDING, BUT NOT NECESSARILY LIMITED TO, PRUNING, FERTILIZATION AND DISEASE / PEST CONTROL.

CONTRACTOR SHALL GUARANTEE NEW PLANT MATERIAL THROUGH ONE (1) CALENDAR YEAR FROM THE DATE OF OWNER ACCEPTANCE.

WARRANTY (ONE (1) FULL GROWING SEASON) FOR LANDSCAPE MATERIALS SHALL BEGIN ON THE DATE OF ACCEPTANCE BY THE LANDSCAPE ARCHITECT AFTER THE COMPLETION OF PLANTING OF ALL LANDSCAPE MATERIALS. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.

TIMING OF INSTALLATION

UNLESS NOTED OTHERWISE THE APPROPRIATE DATES FOR SPRING PLANT MATERIAL INSTALLATION AND SEED / SOD PLACEMENT IS FROM THE TIME GROUND HAS THAWED TO JUNE 15.

FALL SODDING IS GENERALLY ACCEPTABLE FROM AUGUST 15 - NOVEMBER 1. FALL SEEDING FROM AUGUST 15 - SEPTEMBER 15; DORMANT SEEDING IN THE FALL SHALL NOT OCCUR PRIOR TO NOVEMBER 1. FALL CONIFEROUS PLANTING MAY OCCUR FROM AUGUST 15 - OCTOBER 1 AND DECIDUOUS PLANTING FROM THE FIRST FROST UNTIL NOVEMBER 15. PLANTING OUTSIDE THESE DATES IS NOT RECOMMENDED. ANY ADJUSTMENT MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.

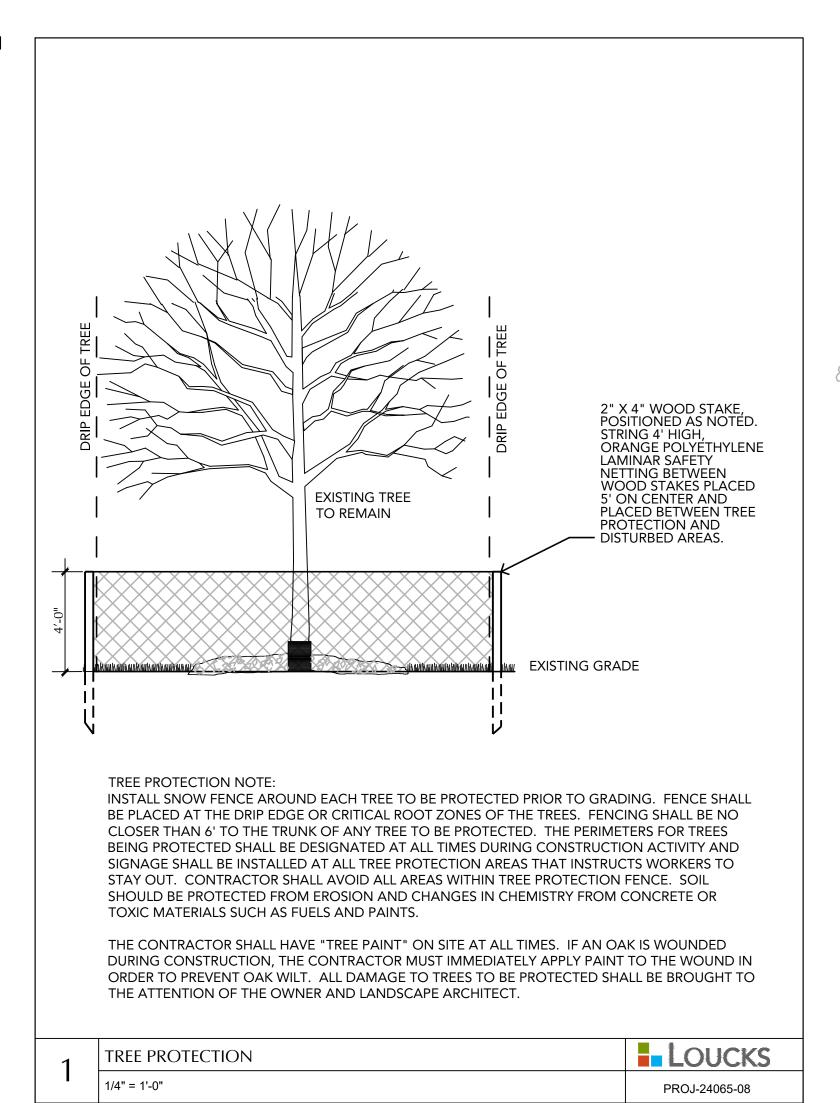
TREES ARE NOT TO BE PRUNED, REMOVED OR TRANSPLANTED BETWEEN APRIL 15 AND JULY 1. NOTIFY LANDSCAPE ARCHITECT IF THESE DATES ARE UNAVOIDABLE.

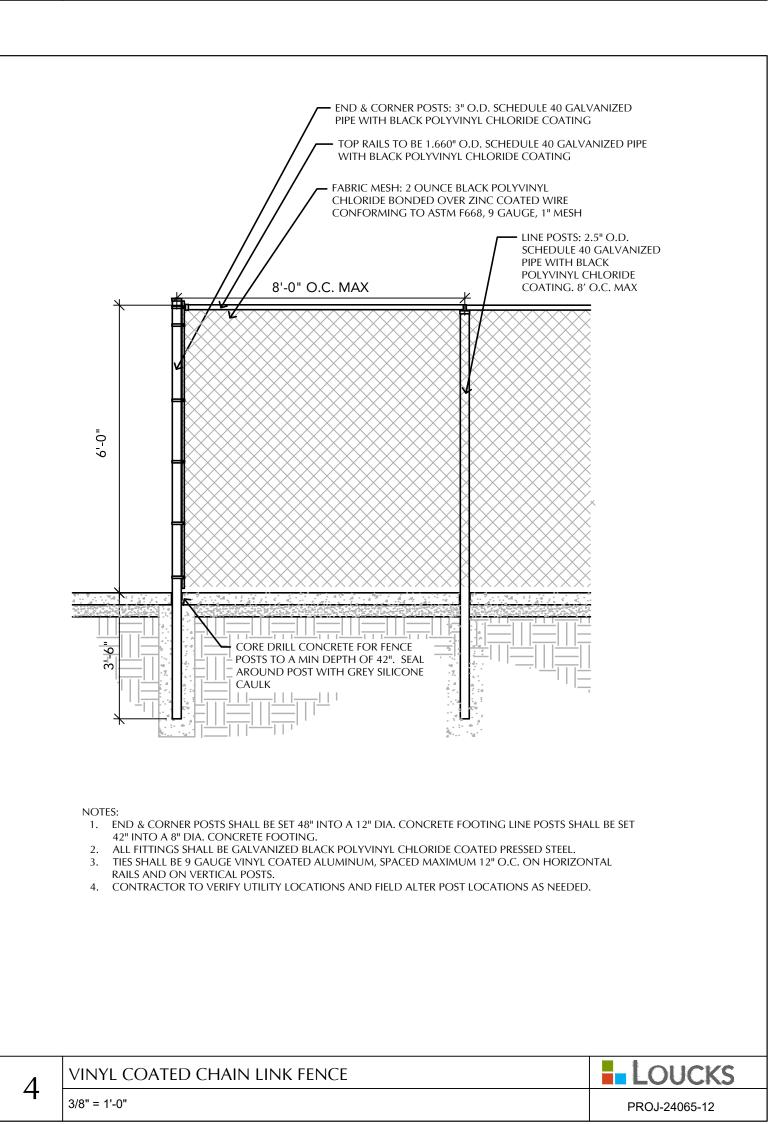
IRRIGATION/WATERING NOTES:

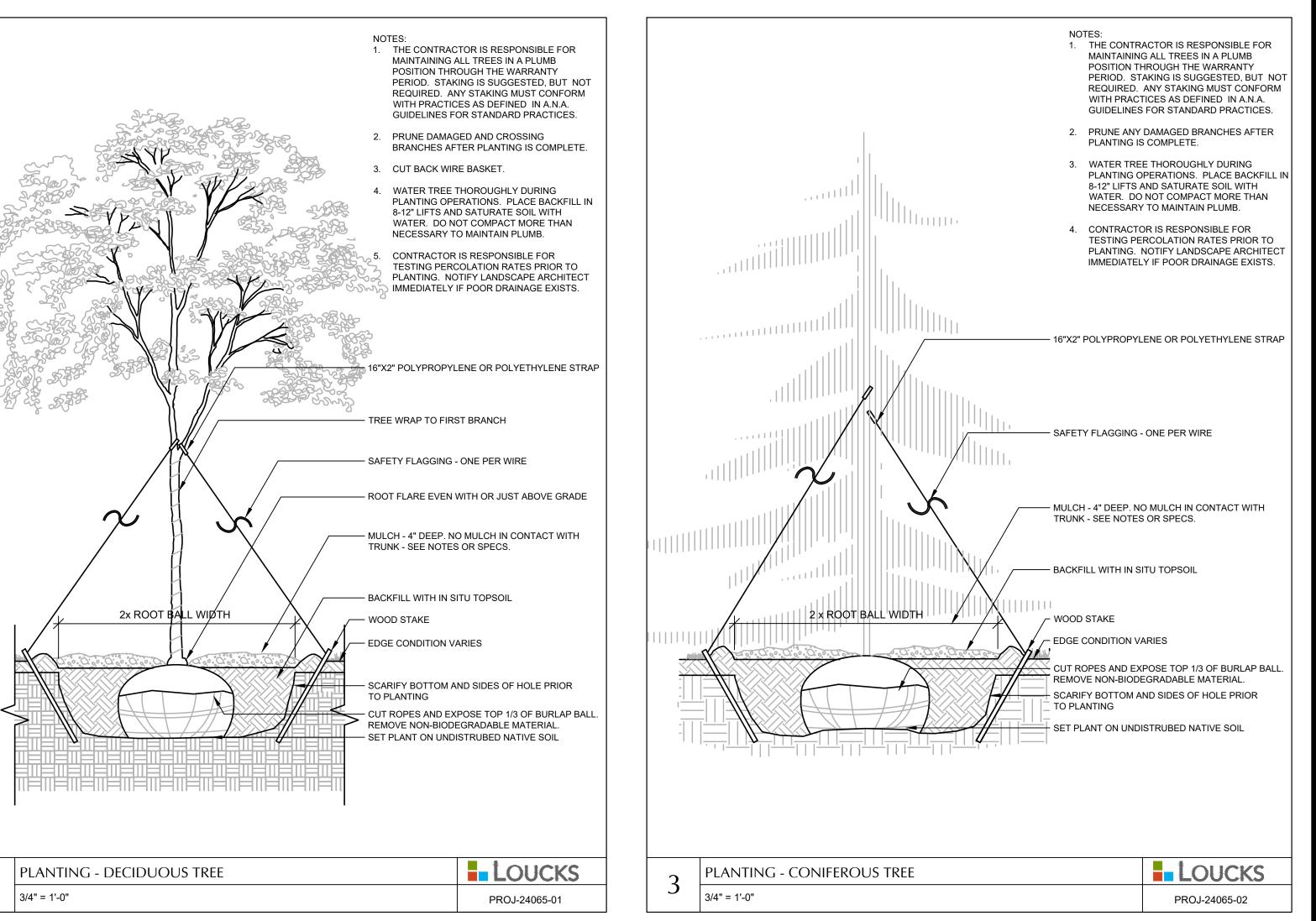
PLANTINGS IS RECOMMENDED.

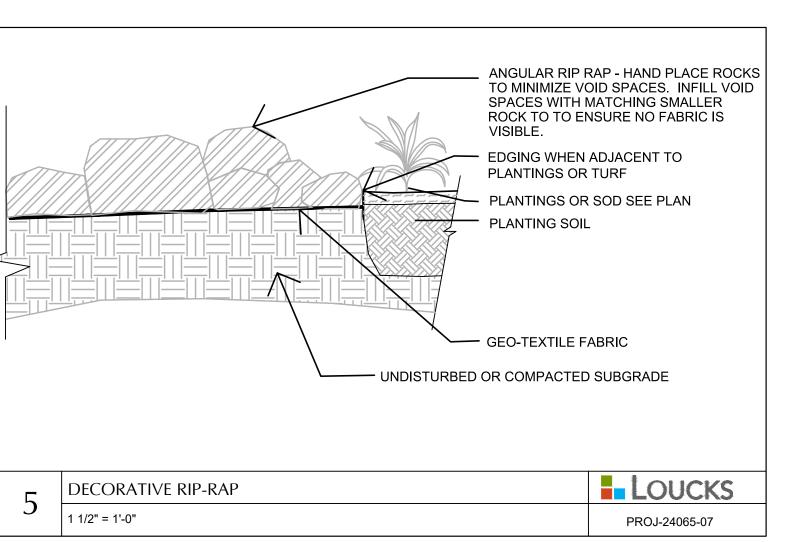
IRRIGATION IS NOT PLANNED FOR THIS SITE. FOR THE HEALTH AND SURVIVAL OF ALL PROPOSED PLANTINGS, REGULAR WATERING OF THE

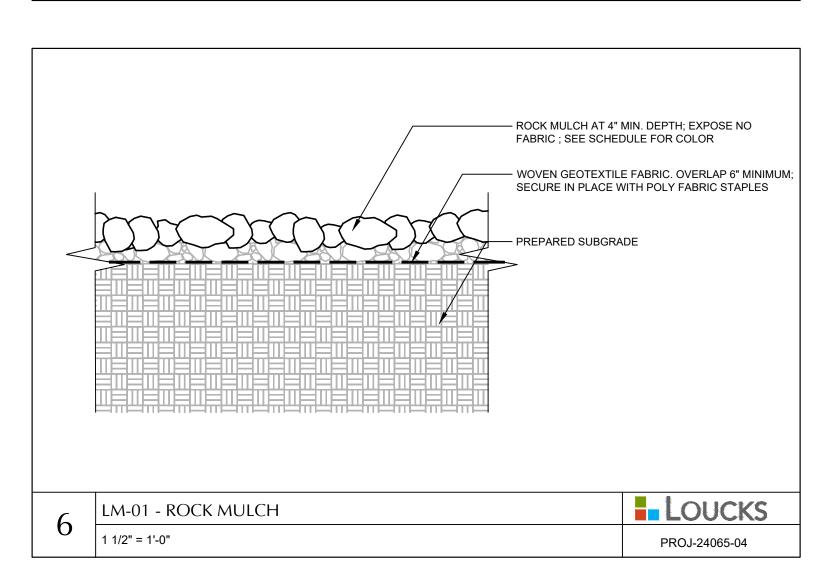
FOR ESTABLISHMENT OF PLANTINGS, THE CONTRACTOR IS TO REGULARLY WATER NEWLY INSTALLED PLANTINGS DURING PROJECT CONSTRUCTION. CONTRACTOR TO PROVIDE OWNER WITH WATERING RECOMMENDATIONS OR WATERING CONTRACT FOR THE ONE (1) YEAR WARRANTY PERIOD.













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DD PRICING SET	07-0
CONSTRUCTION	05-0
DOCUMENTS	

LANDSCAPE DETAILS

DOCUMENTS		

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.

	I li flu
	Kevin V. Kroen - LA
License No.	53757
Date	05/05/2025
LOUCKS F	ROJECT NUMBER: 24065A
	65.404.0400
COMMISSION NO	D: 65431-2120

DRAWN BY: CHECKED BY:

SHEET

L3.1

GENERAL STRUCTURAL NOTES

DESIGN CODES:

2020 MINNESOTA STATE BUILDING CODE (2018 IBC AS AMENDED) ASCE 7-16 MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES.

DESIGN LOADS: 3000 PSF -- ALLOWABLE SOIL BEARING PRESSURE 37 PSF/FT -- LATERAL (ACTIVE) SOIL EQUIVALENT FLUID PRESSURE

NOTES:

- 1. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE TEMPORARY SHORING AND LATERAL BRACING FOR ALL STRUCTURAL ELEMENTS FOR SOIL AND CONSTRUCTION LATERAL AND GRAVITY LOADS. THE BRACING MUST REMAIN IN PLACE UNTIL PERMANENT STRUCTURAL SUPPORTS ARE INSTALLED AND HAVE REACHED THEIR ALLOWABLE SERVICE STRESSES.
- 2. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THAT CONSTRUCTION CONFORMS TO THE LATEST OSHA SAFETY REQUIREMENTS. NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY IF ANY REVISIONS ARE REQUIRED TO THE DRAWINGS DUE TO OSHA SAFETY REQUIREMENTS.
- 3. GEOTECHNICAL ENGINEER SHALL FIELD VERIFY SOIL BEARING CAPACITY. NOTIFY ARCHITECT AND ENGINEER IF ANY DISCREPANCIES ARE FOUND.

SUBMITTALS:

ALL SUBMITTED STRUCTURAL SHOP DRAWINGS WILL BE REVIEWED FOR GENERAL CONFORMANCE WITH THE INFORMATION GIVEN AND DESIGN CONCEPTS EXPRESSED IN THE CONTRACT DOCUMENTS, REVIEW OF SUCH SUBMITTALS IS NOT CONDUCTED FOR THE PURPOSE OF DETERMINING THE ACCURACY AND COMPLETENESS OF DETAILS SUCH AS DIMENSIONS AND QUANTITIES AS REQUIRED BY THE CONTRACT DOCUMENTS.

2 STEPPED FOOTING S1.1 1/2" = 1'-0"

2x4 KEYWAY & -

HORIZ REINF SHALL

BE CONT THRU JOINT

S1.1 WALL CONSTRUCTION JOINT 1/2" = 1'-0"

42.

-CAST-IN-PLACE CONC WALL, SEE PLAN,

SECTIONS & GEN'L NOTES FOR SIZE & REINF

CONST JT

- **SOILS AND FOUNDATIONS:** 1. FOUNDATIONS, RETAINING WALLS AND OTHER ITEMS RELATED TO THE SOILS ARE DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF BRAUN INTERTEC CORPORATION GEOTECHNICAL EVALUATION REPORT B2402799 DATED JULY 19, 2024.
- 2. MINIMUM DEPTH FROM EXTERIOR GRADE TO BOTTOM OF FOOTINGS SHALL BE 60".
- 3. COORDINATE ALL UNDERGROUND PIPING OR DUCTWORK LOCATIONS AND ELEVATIONS WITH THE MECHANICAL CONTRACTOR. ADJUST FOOTING ELEVATIONS AND PROVIDE SLEEVES PER WALL FOOTING AT UNDERGROUND LINES DETAIL. FOR PIPING OR DUCTWORK PARALLEL TO FOOTING, BOTTOM OF FOOTING ELEVATION SHOULD BE NO HIGHER THAN THE PIPE OR DUCTWORK INVERT ELEVATION PLUS THE HORIZONTAL DISTANCE BETWEEN EDGE OF FOOTING AND EDGE OF PIPING OR DUCTWORK. CONTRACTOR SHALL NOTIFY ARCHITECT AND ENGINEER FOR APPROVAL OF ANY DEVIATIONS PRIOR TO COMMENCING WORK.

CAST-IN-PLACE CONCRETE:

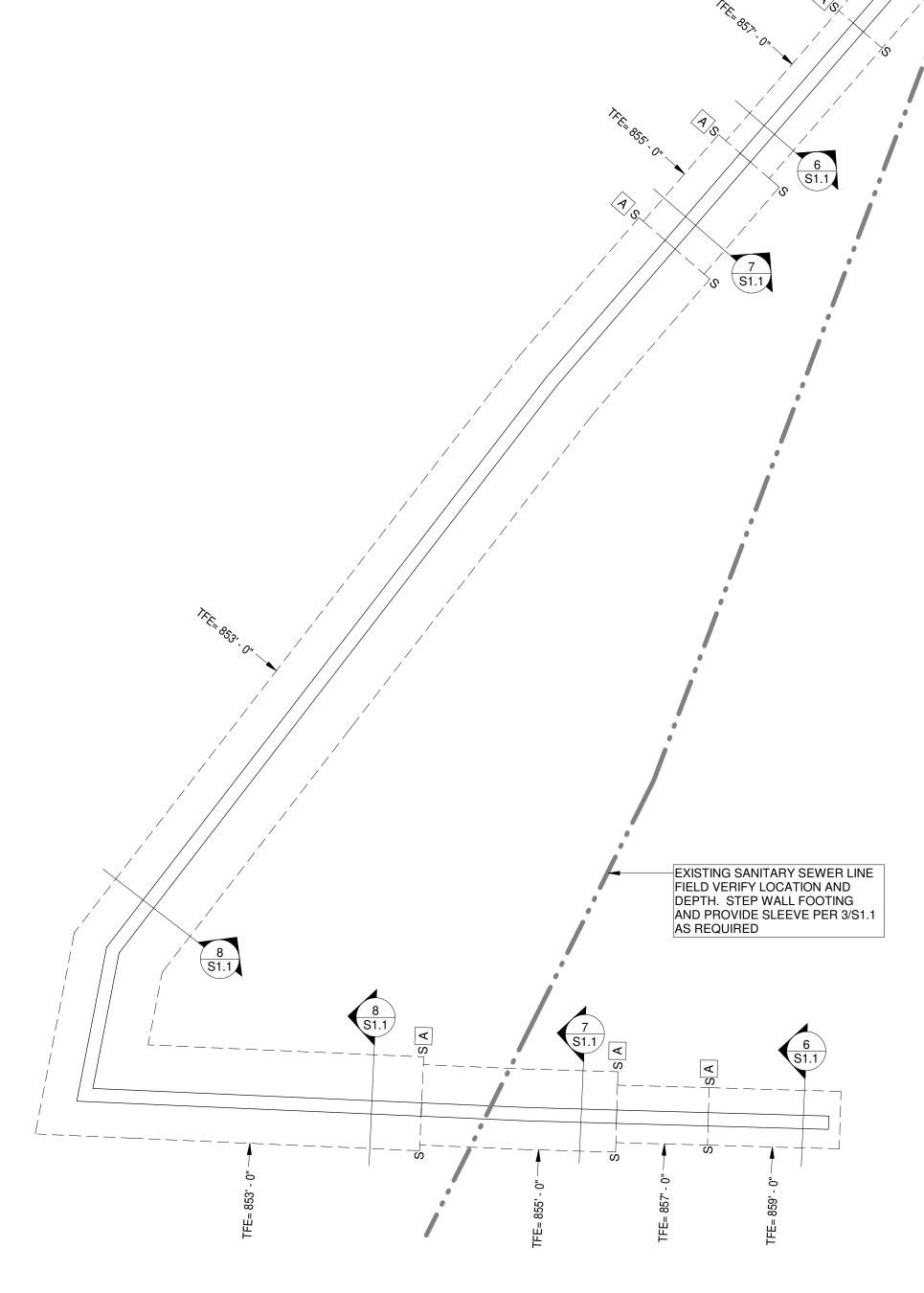
- 1. DESIGN CODES: IBC CHAPTER 19 & ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE & ACI DETAILING MANUALS LATEST EDITION.
- 2. MINIMUM COMPRESSIVE STRENGTH IS 28 DAYS.
- TYPE STRENGTH **LOCATION** A ----- f'c=3000 PSI ----- FOOTINGS
- B ----- f'c=4500 PSI ----- RETAINING WALLS - AIR ENTRAINED 6% +/- 1%.
 - MAX WATER/CEMENT RATIO = 0.45
- 3. REINFORCING STEEL PROPERTIES: A. DEFORMED BARS - ASTM A615 GRADE 60 UNO.
- 4. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH THE LATEST ACI MANUALS.
- 5. SHOP DRAWINGS FOR REINFORCING STEEL AND CONCRETE MIX DESIGNS SHALL BE SUBMITTED FOR APPROVAL.
- 6. PLACE ALL ITEMS PER APPROVED SHOP DRAWINGS AND APPROVED MIX DESIGNS.
- 7. PROVIDE ALL ACCESSORIES, CHAIRS, SPACER BARS AND SUPPORTS NECESSARY TO SECURE REINFORCING PER "ACI DETAILING MANUAL" NO OTHER METHODS OR MATERIALS WILL BE ACCEPTABLE.
- 8. PROVIDE PLASTIC CHAIRS AND SUPPORTS IN ALL AREAS OF
- EXPOSED CONCRETE.
- FOLLOWS UNO: CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH CONCRETE EXPOSED TO EARTH OR WEATHER: #6 THROUGH #18 BARS #5 BARS AND SMALLER

9. PROVIDE MINIMUM CONCRETE COVER FOR ALL REINFORCING AS

- 10. PROVIDE FOOTING DOWELS FOR WALLS. DOWELS SHALL BE SAME SIZE AND SPACING AS WALL VERTICAL REINFORCING AND SHALL PROJECT FROM FOOTINGS TO PROVIDE LAP SPLICES AS INDICATED BELOW. PROVIDE 90 DEGREE STANDARD HOOK IN FREE STANDING WALL FOOTING DOWELS UNO.
- 11. PROVIDE LAP SPLICES FOR CONCRETE REINFORCING AS FOLLOWS: A. TYPICAL LAP SPLICES SHALL BE UNO: --- 44 BAR DIAMETERS #6 BARS AND SMALLER --#7 THROUGH #11 BARS ------ 56 BAR DIAMETERS
- B. TENSION LAP SPLICES FOR CONCRETE RETAINING WALLS SHALL BE 1.3 TIMES TYPICAL LAP SPLICES C. THE MINIMUM LAP SPLICE LENGTH FOR ALL SPLICES FOR CONCRETE REINFORCING SHALL BE 24"
- 12. PROVIDE EXTRA REINFORCING ON ALL SIDES OF ALL CONCRETE WALL AND SLAB OPENINGS EQUAL TO ONE HALF THE INTERRUPTED REINFORCING IN EACH DIRECTION, UNO ON THE DRAWINGS. A MINIMUM OF (1) #5 SHALL BE PROVIDED FOR EACH LAYER OF REINFORCEMENT. EXTEND BARS PAST EDGE OF OPENING THE LAP SPLICE NOTED ABOVE. PROVIDE AN ADDITIONAL #4X4'-0" DIAGONAL BAR AT EACH CORNER FOR EACH LAYER OF REINFORCING.
- 13. HOT WEATHER AND COLD WEATHER CONCRETE PROVISIONS OF ACI 305R-10 AND ACI 306R-16 SHALL BE FOLLOWED.
- 14. PROVIDE CONCRETE WALL VERTICAL CONTROL JOINTS AS FOLLOWS UNO:
- MAXIMUM CONTROL JOINT SPACING WALL THICKNESS

SPECIAL INSPECTION AND TESTING:

- 1. SPECIAL INSPECTION AND TESTING IS REQUIRED IN ACCORDANCE WITH THE LATEST EDITION OF IBC, CHAPTER 17, FOR THE FOLLOWING PORTIONS OF CONSTRUCTION:
- A. CONCRETE B. SOILS: GEOTECHNICAL ENGINEER SHALL FIELD VERIFY SOIL BEARING CAPACITY AND COMPACTION PER THE REQUIREMENTS OF THE GEOTECHNICAL REPORT C. REINFORCING STEEL IN CONCRETE
- 2. THE GENERAL CONTRACTOR SHALL SUBMIT A COMPLETED "SPECIAL STRUCTURAL TESTING AND INSPECTION - PROGRAM SUMMARY SCHEDULE" TO THE BUILDING OFFICIAL, ARCHITECT AND ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- 3. THE TESTING/INSPECTION AGENCY SHALL SUBMIT A FINAL CERTIFIED REPORT AT SUBSTANTIAL COMPLETION INDICATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS AND TESTING HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. A LIST OF ANY UNRESOLVED DEFICIENCIES SHALL BE INCLUDED IN THIS REPORT.



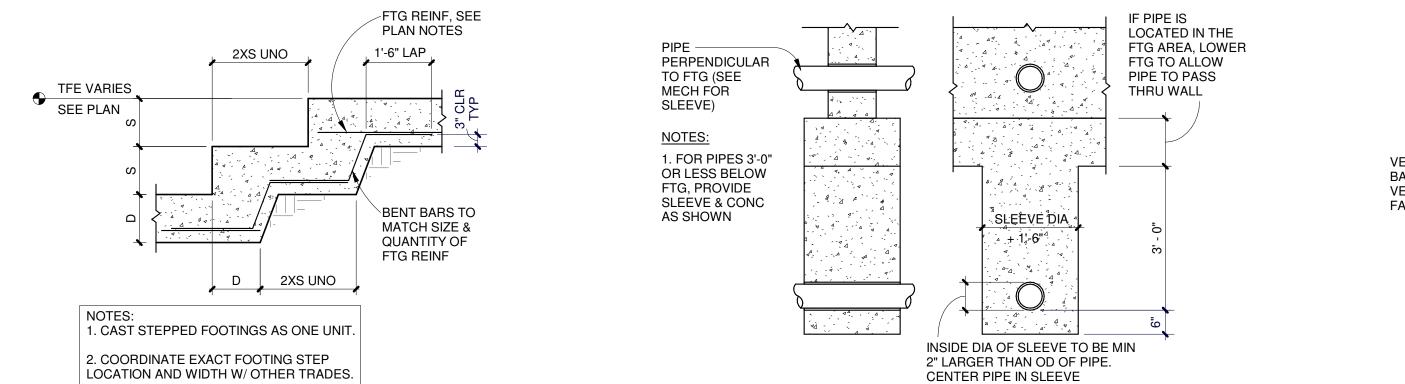
FOUNDATION PLAN

- 1. VERIFY ALL DIMENSIONS WITH CIVIL DRAWINGS AND FINAL GRADES 2. TOP OF FOOTING ELEVATION (TFE) = SEE PLAN.
- 3. S----S ON PLAN DENOTES STEPPED FOOTING. SEE SECTION 2/S1.1
- 4. SEE DETAILS 4/S1.1 AND 5/S1.1 FOR TYPICAL FOUNDATION WALL JOINT AND CORNER
- 5. EXTEND FOOTINGS MINIMUM 1'-0" BEYOND END OF RETAINING WALLS.

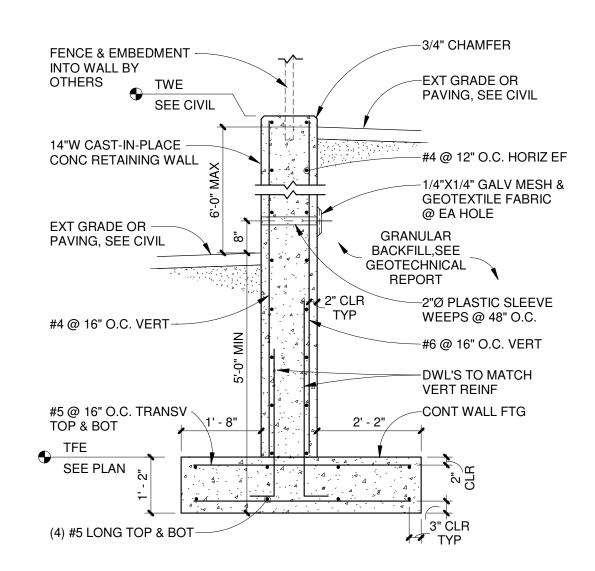
FOUNDATION KEYNOTES:

-3/4" CHAMFER

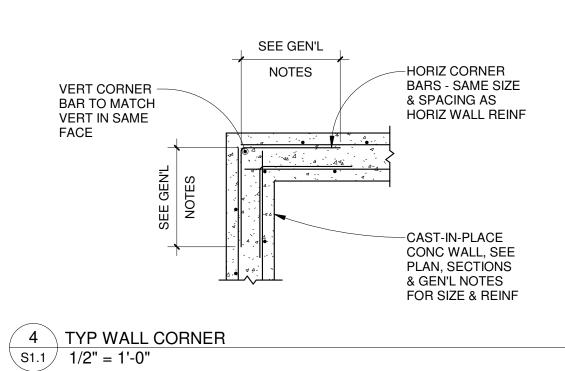
A CONFIRM FOOTING STEP LOCATIONS WITH FINAL GRADE, SEE CIVIL

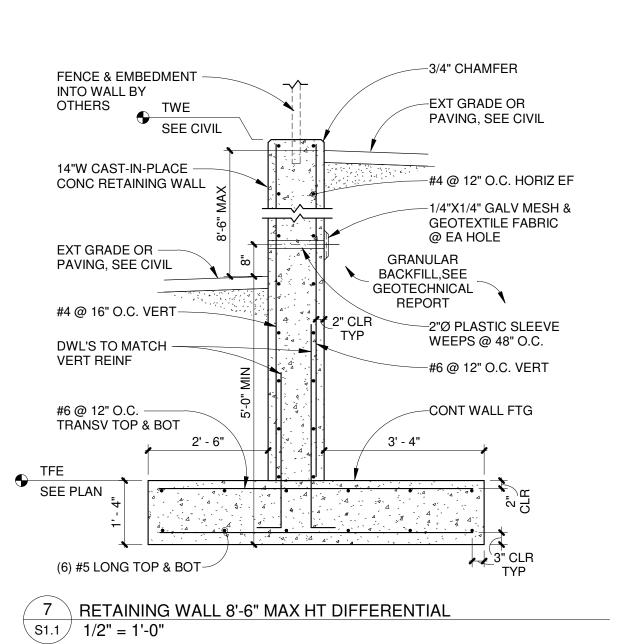


3 WALL FOOTING @ UNDERGROUND LINES S1.1 1/2" = 1'-0"



6 RETAINING WALL 6'-0" MAX HT DIFFERENTIAL S1.1 / 1/2" = 1'-0"





INTO WALL BY EXT GRADE OR OTHERS PAVING, SEE CIVIL 14"W CAST-IN-PLACE --#4 @ 12" O.C. HORIZ EF CONC RETAINING WALL -- 1/4"X1/4" GALV MESH & GEOTEXTILE FABRIC @ EA HOLE EXT GRADE OR -PAVING, SEE CIVIL BACKFILL,SEE REPORT #4 @ 16" O.C. VERT-2"Ø PLASTIC SLEEVE DWL'S TO MATCH WEEPS @ 48" O.C. **VERT REINF** -#6 @ 8" O.C. VERT #7 @ 12" O.C. —— -CONT WALL FTG TRANSV TOP & BOT 4' - 0" (7) #5 LONG TOP & BOT-

8 RETAINING WALL 10'-6" MAX HT DIFFERENTIAL

S1.1 1/2" = 1'-0"

FENCE & EMBEDMENT

EXHIBIT E

POPE DESIGN GROUP 767 N. EUSTIS STREET, SUITE 190 ST. PAUL, MINNESOTA 55114 651.642.9200 WWW.POPEDESIGN.COM



SPPD K-9 **FOUNDATION** PARKING **EXPANSION AND** RETAINING WALLS SAINT PAUL, MN

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GENERAL STRUCTURAL NOTES, **FOUNDATION** PLAN, SECTIONS AND DETAILS

ISSUES & REVISIONS 5/05/25 CONSTRUCTION **DOCUMENTS**

report was prepared by me or under my direct supervision and that I am a duly Licensed

Professional Engineer under the laws of the Michael J. Van De Riet

Date: 5/05/2025 Lic No: 46796 **COMMISSION NO:** DRAWN BY:

CHECKED BY:

4/30/2025 12:01:12 PM

JMW