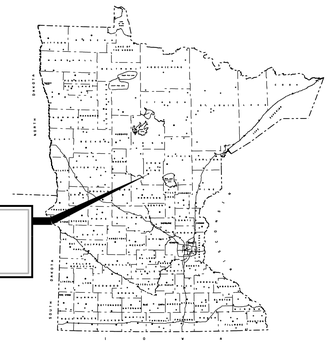
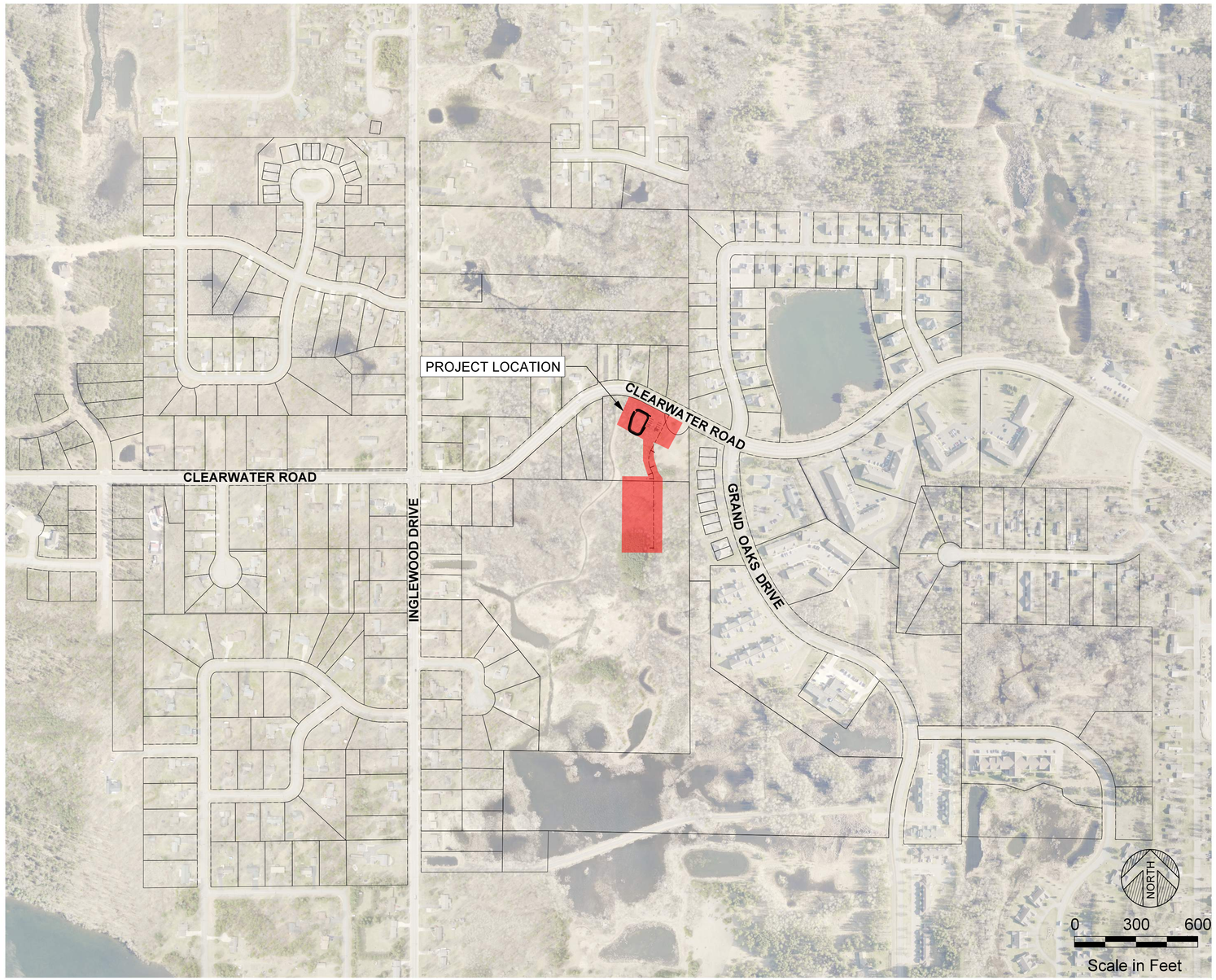
2025 CLEARWATER ROAD DOG PARK

BAXTER, MINNESOTA



PROJECT LOCATION

CITY OF BAXTER
CROW WING COUNTY, MINNESOTA



GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE 2020 SCHEDULE OF "MATERIALS CONTROL FOR 2020 STANDARD SPECIFICATIONS" SHALL GOVERN.

SHEET INDEX TABLE

THIS PLAN CONTAINS 19 SHEETS

CITY OFFICIALS

MAYOR:	DARREL OLSON
CITY COUNCIL:	MARK CROSS
	CONNIE LYSCIO
	ZACH TABATT
	PATRICK SUNDBERG
PARKS AND TRAILS COMMISION:	MELISSA BARRICK (CHAIR)
	MARI HOLDERNESS
	TODD CALHOUN
	JOSH PENNINGTON
	MITCHEL SCOTT
CITY ADMINSTRATOR:	BRADLEY CHAPULIS
PUBLIC WORKS DIRECTOR / CITY ENGINEER:	TREVOR WALTER

APPROVALS

RECOMMENDED FOR APPROVAL: _____

CITY CONSULTING ENGINEER DATE

RECOMMENDED FOR APPROVAL: _____

PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE

NOTE: ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST MMUTCD, INCLUDING THE LATEST "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS"

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ARIC WELCH DATE: 3/18/2025 LIC. NO. 41983

BY	REVISIONS DESCRIPTION	REV#	DATE

DATE: 3/18/2025
SCALE: AS SHOWN
DRAWN BY: MBA
CHECKED BY: AW
JOB NUMBER: 2024-11289

CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

TITLE SHEET

SHEET NO. **C1**

SHEET OF

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\C-TS-2024-11289_DOG-PARK1.dgn

3/27/2025

SURVEY MONUMENTS

- BENCH MARK
- FOUND CIM
- FOUND CPNT.
- FOUND JLM
- FOUND LATH
- FOUND PIPE
- FOUND READING
- STAKED CIM
- STAKED CPNT.
- STAKED JLM
- STAKED PIPE

EXISTING TOPO SYMBOLS

- AC UNIT
- FENCE POST
- FLAG POLE
- GUARD POST
- GUY ANCHOR
- GUY POLE
- HANDICAP SYMBOL
- MAILBOX
- SHRUB
- SIGN DOUBLE POST
- SIGN SINGLE POST
- TREE CONIFER
- TREE DECIDUOUS
- TREE STUMP
- TV DISH
- WETLAND SYMBOL
- YARD LIGHT

EXISTING UTILITY MUNICIPAL SYMBOLS

- APRON
- LIFT STATION
- SANITARY CLEANOUT
- SANITARY MANHOLE
- STORM CATCH BASIN
- STORM INLET

EXISTING UTILITY MUNICIPAL SYMBOLS (cont.)

- STORM MANHOLE
- WATER CURB STOP
- WATER HANDHOLE
- WATER HYDRANT
- WATER MANHOLE
- WATER METER
- WATER VALVE
- WATER WELL
- UTILITY SIZE & TYPE

EXISTING UTILITY PRIVATE SYMBOLS

- ELEC GROUND LIGHT
- ELEC HANDHOLE
- ELEC LIGHT POLE
- ELEC MANHOLE
- ELEC METER
- ELEC PEDESTAL
- ELEC POLE
- ELEC SIGNAL
- ELEC TRANSFORMER BOX
- GAS METER
- GAS VALVE
- LP TANK
- TELE HANDHOLE
- TELE MANHOLE
- TELE PEDESTAL
- TELE POLE
- TV HANDHOLE
- TV PEDESTAL

SOIL BORING SYMBOLS

- LASER-INDUCED FLUORESCE BORING
- LYSIMETER
- MONITOR WELL
- PERC TEST
- PIEZOMETER
- RECOVERY WELL
- SOIL BORING
- SOIL VAPOR POINT
- VAPOR SURVEY POINT

PROPOSED UTILITY MUNICIPAL SYMBOLS

- APRON PROPOSED
- SANITARY CLEANOUT PROPOSED
- SANITARY LIFT STATION PROPOSED
- SANITARY LIFT STATION VALVE MANHOLE PROPOSED
- SANITARY MANHOLE PROPOSED
- SANITARY PLUG PROPOSED
- STORM CATCH BASIN PROPOSED
- STORM MANHOLE PROPOSED
- WATER 11 1/4^ BEND PROPOSED
- WATER 22 1/2^ BEND PROPOSED
- WATER 45^ BEND PROPOSED
- WATER 90^ BEND PROPOSED
- WATER CAP PROPOSED
- WATER CROSS PROPOSED
- WATER CURB STOP PROPOSED
- WATER HYDRANT PROPOSED
- WATER REDUCER PROPOSED
- WATER SLEEVE PROPOSED
- WATER TEE PROPOSED
- WATER VALVE PROPOSED

PROPOSED UTILITY PRIVATE SYMBOLS

- ELEC LIGHT POLE PROPOSED

EROSION CONTROL SYMBOLS

- SURFACE DRAINAGE ARROW
- STORM DRAIN INLET PROTECTION

TRAFFIC CONTROL DEVICES & SYMBOLS

- TRAFFIC CONTROL SIGN (1 POST)
- TRAFFIC CONTROL SIGN (2 POST)
- TYPE III BARRICADE
- DRUM CHANNELIZER
- FLASHING ARROW OR MESSAGE BOARD

EXISTING TOPOGRAPHIC LINES

- CENTER LINE
- EDGE OF WOODS
- FENCE BARB WIRE
- FENCE CHAIN LINK
- FENCE WOOD
- FORCEMAIN
- OVERHEAD CABLE TV
- OVERHEAD ELECTRIC
- OVERHEAD TELE
- RAILROAD
- RETAINING WALL
- SANITARY SEWER
- SANITARY SEWER SERVICE
- STORM SEWER
- STORM SEWER DRAIN TILE
- UNDERGROUND CABLE TV
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND GAS
- UNDERGROUND TELE
- WATERMAIN
- WATERMAIN SERVICE
- WETLAND EDGE

R/W, LOT & EASEMENTS LINES

- BUILDING SETBACK LINE
- LOT LINE PROPOSED
- EASEMENT LINE
- EASEMENT LINE PROPOSED
- LOT LINE
- MNDOT CONTROLLED ACCESS LINE
- RIGHT OF WAY EXISTING
- RIGHT OF WAY PROPOSED

PROPOSED CONSTRUCTION LINES

- FENCE CHAIN LINK PROPOSED
- FENCE WOOD PROPOSED
- FENCE BARB WIRE PROPOSED
- FORCEMAIN PROPOSED
- SANITARY SEWER PROPOSED
- SANITARY SERVICE PROPOSED
- STORM SEWER PROPOSED
- STORM SEWER DRAIN TILE PROPOSED
- WATERMAIN PROPOSED
- WATERMAIN SERVICE PROPOSED

EROSION CONTROL LINES

- BALE CHECK
- BIO ROLL
- SILT FENCE
- SILT FENCE TYPE HEAVY DUTY
- SILT FENCE TYPE MACHINE SLICED
- SILT FENCE TYPE PREASSEMBLED
- FLOTATION SILT CURTAIN

HATCH PATTERN AND SHADING LEGEND

- RANDOM RIPRAP
- SOD
- SEED
- HYDRAULIC STABILIZER
- EROSION CONTROL BLANKET
- TEMP. ROCK CONSTRUCTION ENTRANCE
- BUILDING WALL HATCH
- BITUMINOUS SURFACE
- CONCRETE SURFACE
- GRAVEL SURFACE
- EASEMENT PATTERN

DOCUMENTATION SYMBOLS

- SECTION ARROW -
  SECTION NUMBER TOP;
  PAGE OF SECTION BOTTOM

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

PLAN LEGEND

SHEET NO.
C2
SHEET OF

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\C-SYM-2024-11289_DOG-PARK1.dgn

3/27/2025

STATEMENT OF ESTIMATED QUANTITIES

ITEM NO.	NOTES	SPEC. NO.	ITEM DESCRIPTION	UNIT	PROJECT TOTAL
1		2021.501	MOBILIZATION	LUMP SUM	1
2		2101.505	CLEARING	ACRE	0.27
3		2101.505	GRUBBING	ACRE	0.27
4		2104.502	SALVAGE CASTING	EACH	1
4		2104.503	REMOVE CURB & GUTTER	LIN FT	10
4		2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	10
5		2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	210
6		2105.607	SELECT GRANULAR BORROW	CU YD	100
7		2106.507	EXCAVATION - COMMON	CU YD	1000
8		2106.601	DEWATERING	LUMP SUM	1
9		2123.51	COMMON LABORERS	HOUR	10
10		2123.61	SKID LOADER	HOUR	10
11		2123.61	STREET SWEEPER (WITH PICKUP BROOM AND WATER)	HOUR	5.5
12		2211.507	AGGREGATE BASE CL 5	CU YD	120
13		2360.509	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	125
14		2503.601	TRACING WIRE SYSTEM (SANITARY)	LUMP SUM	1
15		2503.602	CONNECT TO EXISTING SANITARY SEWER MANHOLE	EACH	1
16		2503.602	4" CLEAN-OUT ASSEMBLY	EACH	1
17		2503.603	CONSTRUCT 4" INSIDE DROP	LIN FT	12
18		2503.603	PVC SANITARY SEWER SERVICE PIPE	LIN FT	85
19		2503.603	CLEAN & VIDEO TAPE PIPE SEWER	LIN FT	95
20		2504.601	TRACING WIRE SYSTEM (WATER MAIN)	LUMP SUM	1
21		2504.602	CORPORATION STOP	EACH	1
22		2504.602	CURB STOP & BOX	EACH	1
23		2504.602	YARD HYDRANT	EACH	2
24		2504.603	1" PE WATER SERVICE PIPE	LINE FT	75
25		2504.603	1 1/2" PE WATER SERVICE PIPE	LINE FT	380
26		2504.603	2" PE WATER SERVICE PIPE	LINE FT	130
27		2506.502	INSTALL CASTING	EACH	1
28		2521.518	6" CONCRETE WALK	SQ FT	1200
29		2521.518	6" CONCRETE WALK SPECIAL	SQ FT	550
30		2521.518	3" BITUMINOUS WALK	SQ FT	4650
31		2531.503	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	310
32		2531.618	TRUCATED DOMES	SQ FT	20
33		2563.601	TRAFFIC CONTROL	LUMP SUM	1
34		2564.518	SIGN PANELS TYPE C	SQ FT	3.5
35		2571.502	CONIFEROUS TREE 6' HT B&B	EACH	20
36		2573.503	SILT FENCE, TYPE MS	LIN FT	210
37		2573.501	STABILIZED CONSTRUCTION EXIT	EACH	1
38		2574.507	SCREENED TOPSOIL BORROW	CU YD	400
39		2574.508	FERTILIZER TYPE 3 (10-10-20)	POUND	325
40		2575.508	SEED MIXTURE	POUND	433
41		2575.505	HYDRAULIC ORGANIC MATRIX	ACRE	1.25
42		2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	4225
43		2582.503	SOLID LINE PAINT	LIN FT	300
44		2582.503	PAVEMENT MESSAGE PAINT	SQ FT	30

APPLICATION RATE FOR ESTIMATED QUANTITIES

TURF ESTABLISHMENT	
SEED MIXTURE MNDOT, MIX 22-111	100 LBS/ACRE
SEED MIXTURE MNDOT, MIX 25-151	400 LBS/ACRE
SEED MIXTURE MNDOT, MIX 33-261	35 LBS/ACRE
HYDRAULIC REINFORCED FIBER MATRIX	3900 LBS/ACRE
FERTILIZER TYPE 3, (10-10-20)	300 LBS/ACRE

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

STATEMENT OF ESTIMATED QUANTITIES / NOTES

SHEET NO.
C3
SHEET OF

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3/27/2025

STORMWATER OVERFLOW DITCH

CITY OF BAXTER PROPERTY

ROAD WORK AHEAD

TRAIL CLOSED AHEAD

PRIVATE PROPERTY

CITY OF BAXTER PROPERTY

EXISTING WETLAND

EXISTING BITUMINOUS TRAIL

PROJECT LOCATION

EXISTING SITE ENTRANCE

EXISTING BITUMINOUS TRAIL

CITY OF BAXTER PROPERTY

PRIVATE PROPERTY

CITY OF BAXTER PROPERTY

PRIVATE PROPERTY

TRAIL CLOSED AHEAD

CLEARWATER ROAD

ROAD WORK AHEAD

GRAND OAKS DRIVE

NORTH

0 25 50

Scale in Feet

MODEL: Default
PATH: W:\Projects\City of Baxter,32232\2024-11289\CADD\Civil\Plan Sheets\IC-TD-2024-11289_DOG-PARK1.dgn

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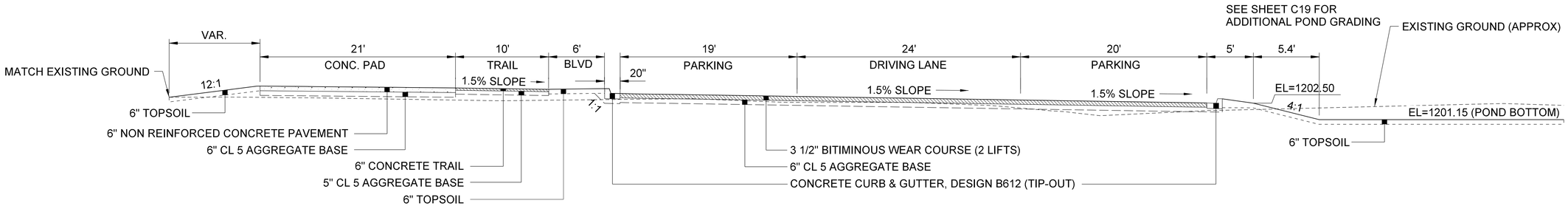
CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

TRAFFIC CONTROL PLAN

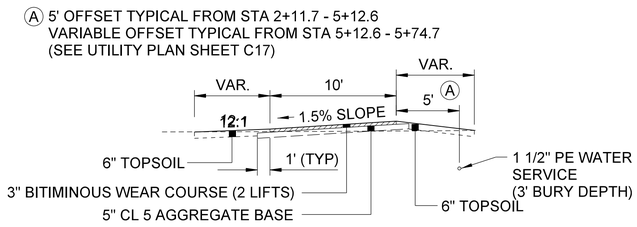
SHEET NO.
C4

SHEET OF



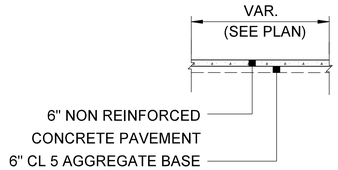
1 / C5 TYPICAL SECTION (PARKING LOT & DRAINAGE)

no scale



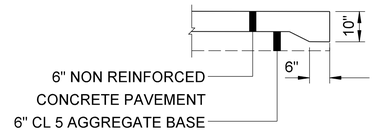
TYPICAL SECTION (TRAIL) STA 1+82.69 TO 6+68.12

no scale



TYPICAL SECTION (CONCRETE PAD)

no scale



CONCRETE PAD THICKENED EDGE DETAIL

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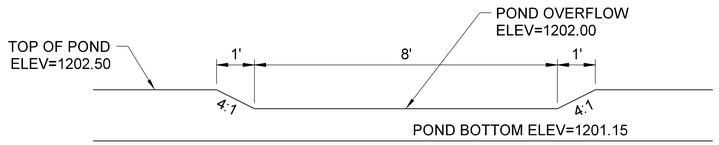


POND OVERFLOW DETAIL

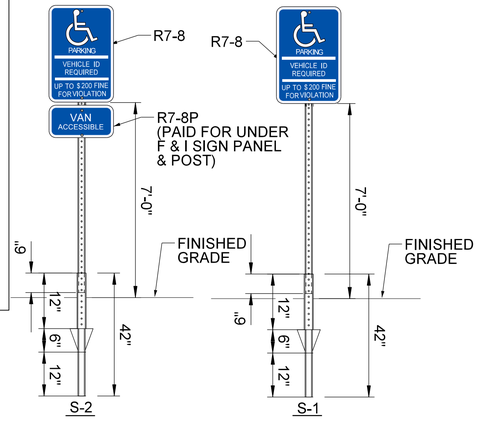
no scale

POST & ANCHOR NOTES:

1. SIGN POST SHALL BE 1 $\frac{3}{4}$" 14GA. PERFORATED SQUARE TUBE.
2. SIGN ANCHOR SHALL CONSIST OF 2"x4' 12GA.PERFORATED SQUARE TUBING DRIVEN TO WITHIN 2"-4" OF GRADE.
3. STABILIZER SLEEVE SHALL BE A 2 $\frac{1}{4}$"x 18" 12GA. OMNI DIRECTIONAL STABILIZER SLEEVE AND SHALL BE SET FLUSH WITH THE TOP OF THE ANCHOR.
4. THE SIGN POST SHALL BE SECURED TO THE SIGN ANCHOR AND STABILIZER SLEEVE USING (2) 90° $\frac{15}{16}$" CORNER BOLTS, FLAT WASHERS, LOCK WASHERS, & NUTS.
5. WHERE SIGNS ARE LOCATED IN FRONT OF BUILDING, SIGNS TO BE MOUNTED ON FACE OF BUILDING AT SAME HEIGHT AS SHOWN IN DETAIL.

NOTE:

PRIMARY SIGNS SHALL BE MOUNTED 7'-0" TO THE BOTTOM OF THE SIGN WITH SIGN PLAQUES TO BE MOUNTED DIRECTLY BELOW.



SIGN INSTALLATION DETAIL

no scale

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

TYPICAL SECTIONS / DETAILS

SHEET NO. **C5**
SHEET OF

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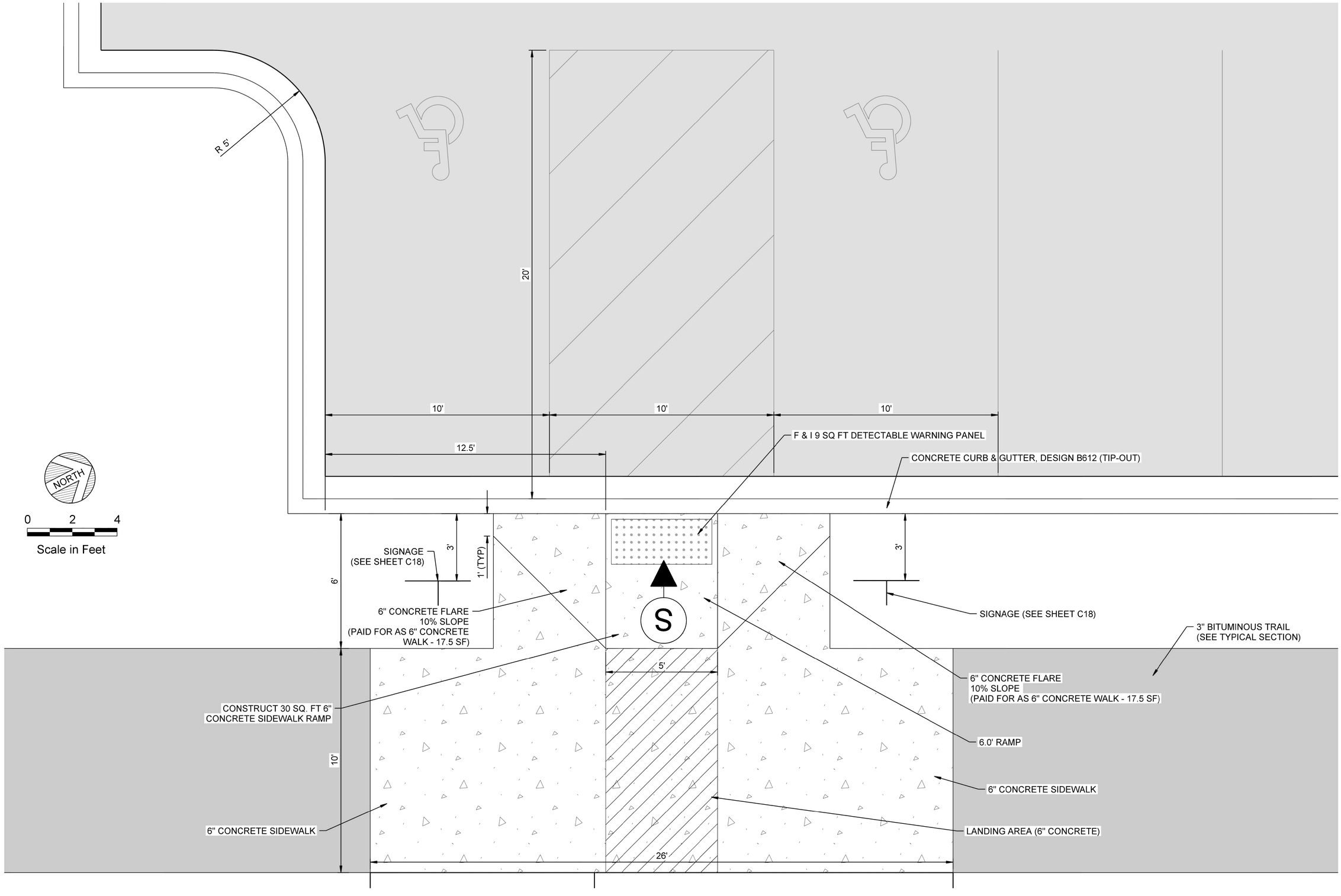
3/27/2025



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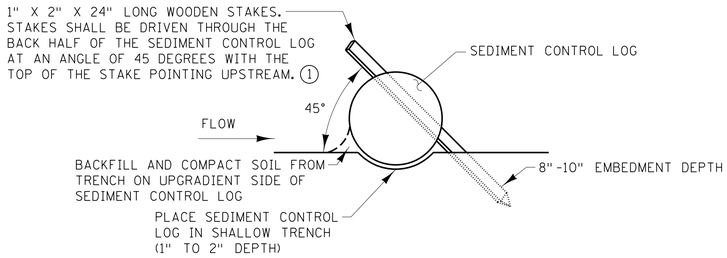
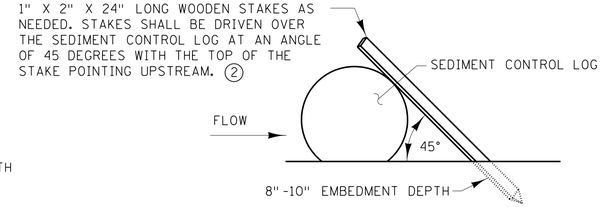
CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

ADA RAMP DETAIL

SHEET NO.
C6
SHEET OF

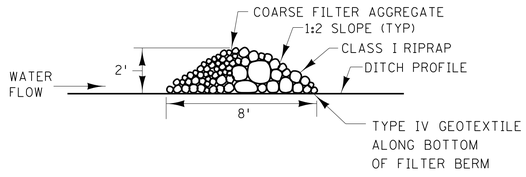


TYPES: STRAW, WOOD FIBER, OR COIR

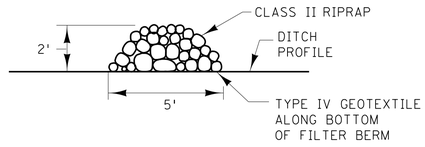


TYPES: WOOD CHIP, COMPOST, OR ROCK

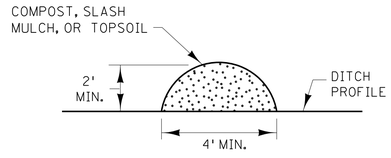
SEDIMENT CONTROL LOGS



TYPE 3 (ROCK WEEPER)

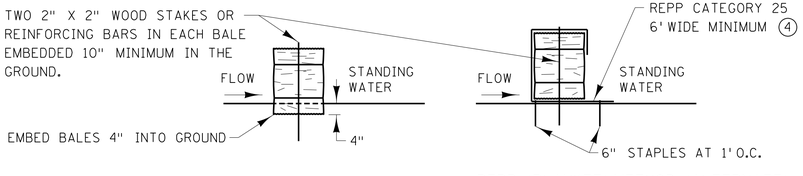


TYPE 5 (ROCK)



TYPE 1 (COMPOST), TYPE 2 (SLASH MULCH), OR TYPE 4 (TOPSOIL)

FILTER BERMS



EMBEDMENT METHOD

REPP (BLANKET) METHOD (ALTERNATE)

BALE BARRIERS③

NOTES:

REPP = ROLLED EROSION PREVENTION PRODUCT.

SEE SPECS. 2573, 3149, 3874, 3882, 3885, 3886, AND 3897.

(1) SPACE BETWEEN STAKES SHALL BE A MAXIMUM OF 1' FOR DITCH CHECKS OR 2' FOR OTHER APPLICATIONS.

(2) PLACE STAKES AS NEEDED TO PREVENT MOVEMENT OF SEDIMENT CONTROL LOGS PLACED ON SLOPES OR AS NEEDED DUE TO OTHER FACTORS. STAKES SHALL BE INCIDENTAL.

(3) TO BE USED FOR CRITICAL PERIMETER CONTROL AREAS WHERE STANDING WATER OCCURS (6" MAXIMUM DEPTH). BALES SHALL CONSIST OF TYPE 1 MULCH OF APPROXIMATELY 14" X 18" X 36" LONG. BALES SHALL BE PLACED ON EDGE AND BUTTED TIGHT TO ADJACENT BALES.

(4) INSTEAD OF TRENCHING, PLACE BALE ON THE REPP (BLANKET) AND WRAP BLANKET AROUND THE BALE. PLACE STAKE THROUGH BALE AND BLANKET.

LEAD EXPERT OFFICE	MARNI KARNOWSKI CHIEF ENVIRONMENTAL OFFICER OFFICE OF ENVIRNOMENTAL STEWARDSHIP		TEMPORARY SEDIMENT CONTROL FILTER BERMS, SEDIMENT CONTROL LOGS, AND BALE BARRIERS	APPROVED: 01-08-2020 REVISED:	THOMAS STYRBICKI STATE DESIGN ENGINEER	STANDARD PLAN 5-297.405	2 OF 8

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ARIC WELCH DATE: 3/18/2025 LIC. NO. 41983

BY	REVISIONS DESCRIPTION	REV#	DATE

DATE: 3/18/2025
SCALE: AS SHOWN
DRAWN BY: MBA
CHECKED BY: AW
JOB NUMBER: 2024-11289

CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

STANDARD PLAN SHEET

SHEET NO. **C7**

SHEET OF

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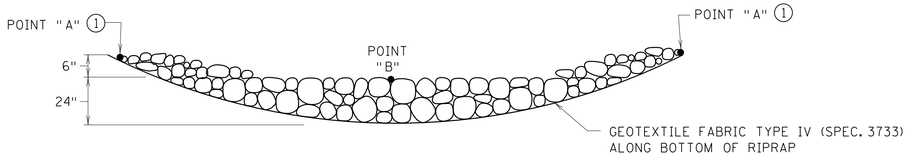
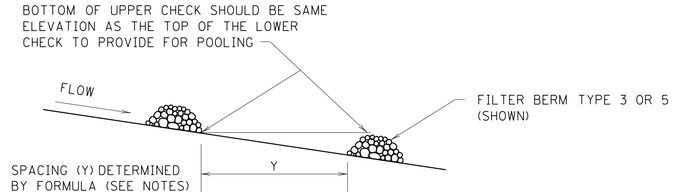
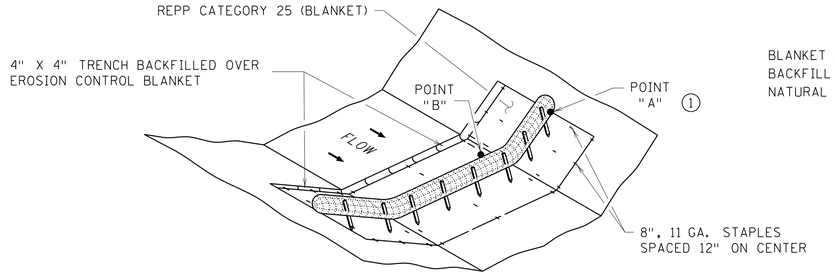
3/27/2025

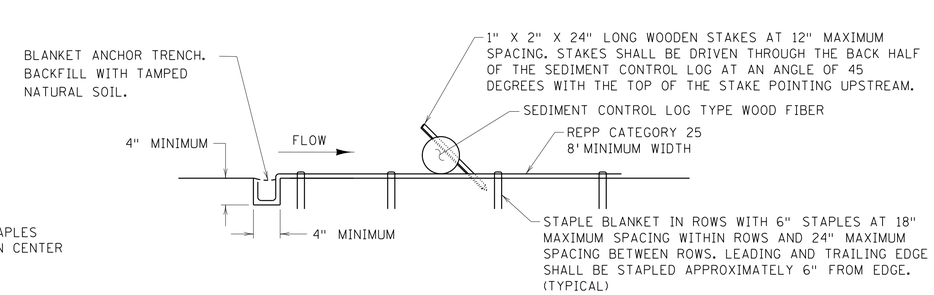


ROCK DITCH CHECKS
FILTER BERMS TYPE 3 (ROCK WEEPER) OR FILTER TYPE 5 (ROCK) (3)
FOR USE ON ROUGH-GRADED AREAS
ONLY FOR USE OUTSIDE CLEAR ZONE (2)

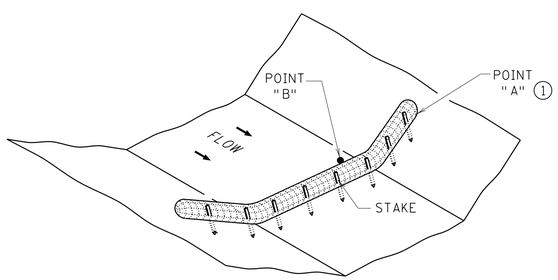


DITCH CHECK SPACING
FOR ALL FILTER BERM TYPES





SEDIMENT CONTROL LOG TYPE REPP (BLANKET) SYSTEM (4)



SEDIMENT CONTROL LOG TYPE WOOD FIBER, OR TYPE COMPOST (5)
FOR USE ON ROUGH GRADED AREAS

NOTES:

REPP = ROLLED EROSION PREVENTION PRODUCT.

SEE SPECS. 2573, 3601, 3733, 3885, 3886 & 3889.

FOR DITCH CHECKS, PLACE SEDIMENT CONTROL LOG PERPENDICULAR TO FLOW AND IN A CRESCENT SHAPE WITH THE ENDS FACING UPSTREAM.

APPROXIMATE SPACING BETWEEN EACH DITCH CHECK SHOULD BE DETERMINED FROM THE FOLLOWING SPACING FORMULA:

$$\text{APPROXIMATE SPACING OF DITCH CHECKS (FT.)} = Y = \frac{\text{DITCH CHECK HEIGHT (FT.)}}{\text{\% CHANNEL SLOPE}} \times 100$$

(1) POINT "A" MUST BE A MINIMUM OF 6" HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

(2) ROCK DITCH CHECKS PLACED WITHIN THE CLEAR ZONE ARE TO BE 18" OR LESS IN HEIGHT. A 1:6 APPROACH AND DEPARTURE SLOPE SHALL BE PROVIDED.

(3) DITCH GRADE 3% - 5%, MAX. FLOW VELOCITY 12 FT./SEC.

(4) DITCH GRADE 1.5% - 3%, MAX. FLOW VELOCITY 4.5 FT./SEC.

(5) DITCH GRADE 1.5% - 3%, MAX. FLOW VELOCITY 1.5 FT./SEC.

LEAD EXPERT OFFICE	MARNI KARNOWSKI CHIEF ENVIRONMENTAL OFFICER OFFICE OF ENVIRNOMENTAL STEWARDSHIP		TEMPORARY SEDIMENT CONTROL DITCH CHECK	APPROVED: 01-08-2020 REVISED:	THOMAS STYRBICKI STATE DESIGN ENGINEER	STANDARD PLAN 5-297.405	3 OF 8

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA
STANDARD PLAN SHEET

SHEET NO. **C8**
SHEET OF

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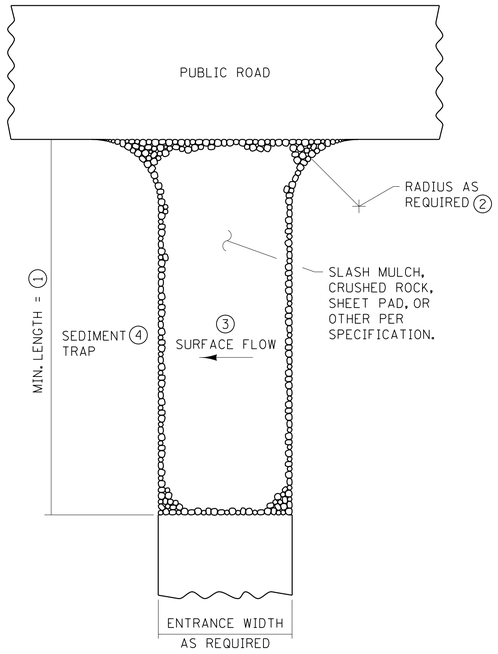
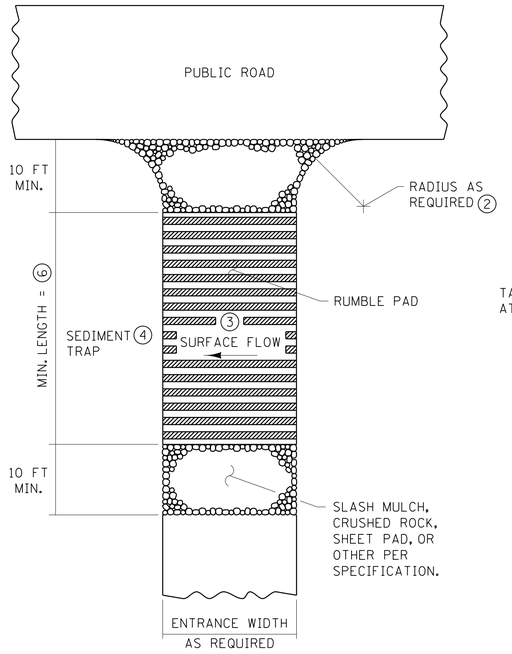
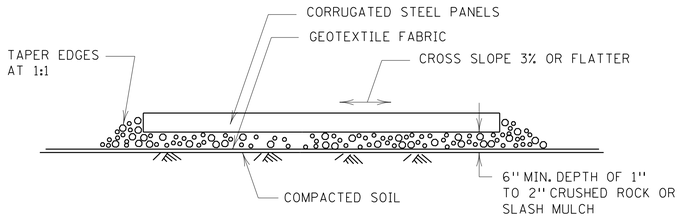
3/27/2025



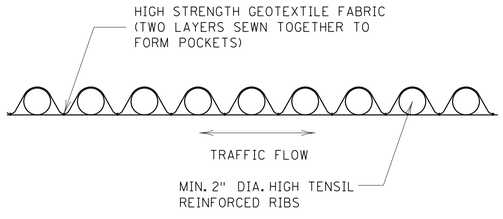
SLASH MULCH, CRUSHED ROCK, OR SHEET PAD CONSTRUCTION EXIT ⑤⑦



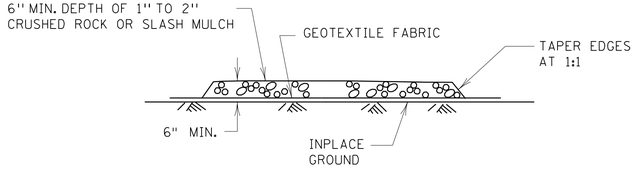
RUMBLE PAD CONSTRUCTION EXIT ⑤⑦



RUMBLE PAD



SHEET PAD



SLASH MULCH OR CRUSHED ROCK

NOTES:

SEE SPECS. 2573 & 3882.

1. MINIMUM LENGTH SHALL BE THE GREATER OF 50 FEET OR A LENGTH SUFFICIENT TO ALLOW A MINIMUM OF 5 TIRE ROTATIONS ON THE PROVIDED PAD. MINIMUM LENGTH SHALL BE CALCULATED USING THE LARGEST TIRE WHICH WILL BE USED IN TYPICAL OPERATIONS.
2. PROVIDE RADIUS OR WIDEN PAD SUFFICIENTLY TO PREVENT VEHICLE TIRES FROM TRACKING OFF OF PAD WHEN LEAVING SITE.
3. IF RUNOFF FROM DISTURBED AREAS FLOWS TOWARD CONSTRUCTION EXITS, PREVENT RUNOFF FROM DRAINING DIRECTLY TO PUBLIC ROAD OVER CONSTRUCTION EXIT BY CROWNING THE EXIT OR SLOPING TO ONE SIDE. IF SURFACE GRADING IS INSUFFICIENT, PROVIDE OTHER MEANS OF INTERCEPTING RUNOFF.
4. IF RUNOFF FROM CONSTRUCTION EXITS WILL DRAIN OFF OF PROJECT SITE, PROVIDE SEDIMENT TRAP WITH STABILIZED OVERFLOW.
5. IF A TIRE WASH OFF IS REQUIRED THE CONSTRUCTION EXITS SHALL BE GRADED TO DRAIN THE WASH WATER TO A SEDIMENT TRAP.
6. MINIMUM LENGTH OF RUMBLE PAD SHALL BE 20 FEET, OR AS REQUIRED TO REMOVE SEDIMENT FROM TIRES. IF SIGNIFICANT SEDIMENT IS TRACKED FROM THE SITE, THE RUMBLE PAD SHALL BE LENGTHENED OR THE DESIGN MODIFIED TO PROVIDE ADDITIONAL VIBRATION. WASH-OFF LENGTH SHALL BE AS REQUIRED TO EFFECTIVELY REMOVE CONSTRUCTION SEDIMENT FROM VEHICLE TIRES.
7. MAINTENANCE OF CONSTRUCTION EXITS SHALL OCCUR WHEN THE EFFECTIVENESS OF SEDIMENT REMOVAL HAS BEEN REDUCED. MAINTENANCE SHALL CONSIST OF REMOVING SEDIMENT AND CLEANING THE MATERIALS OR PLACING ADDITIONAL MATERIAL (SLASH MULCH OR CRUSHED ROCK) OVER SEDIMENT FILLED MATERIAL TO RESTORE EFFECTIVENESS.

LEAD EXPERT OFFICE	LYNN CLARKOWSKI CHIEF ENVIRONMENTAL OFFICER OFFICE OF ENVIRNOMENTAL STEWARDSHIP	TEMPORARY SEDIMENT CONTROL STABILIZED CONSTRUCTION EXIT	APPROVED: 02-28-2017 REVISED:	THOMAS STYRBICKI STATE DESIGN ENGINEER	STANDARD PLAN 5-297.405	5 OF 8

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

STANDARD PLAN SHEET

SHEET NO. C9
SHEET OF

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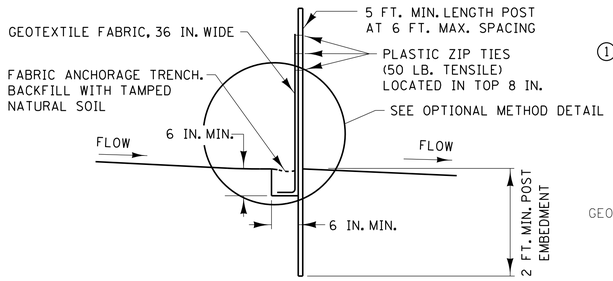
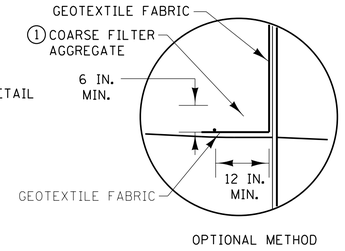
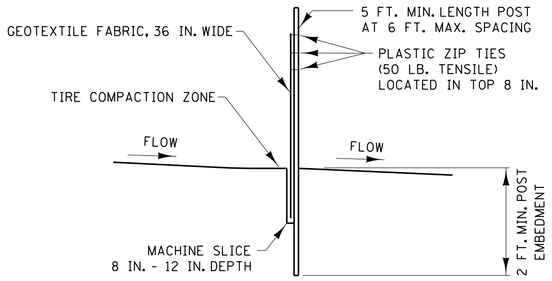
3/27/2025



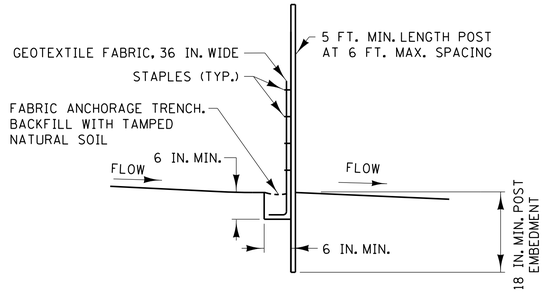


OPTIONAL METHOD

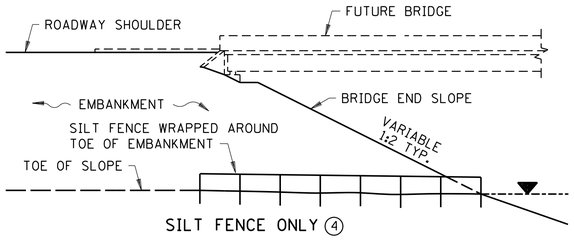
SILT FENCE TYPE HI ②
(HAND INSTALLED)



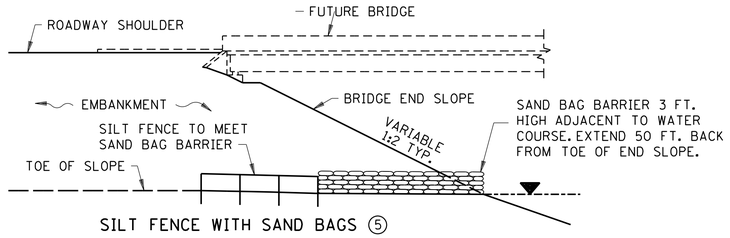
SILT FENCE TYPE MS ②
(MACHINE SLICED)



SILT FENCE TYPE PA ③
(PREASSEMBLED)

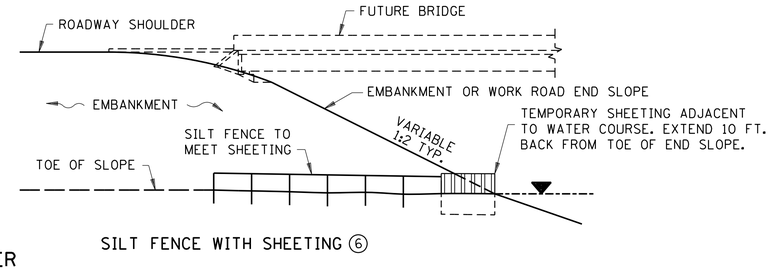


SILT FENCE ONLY ④

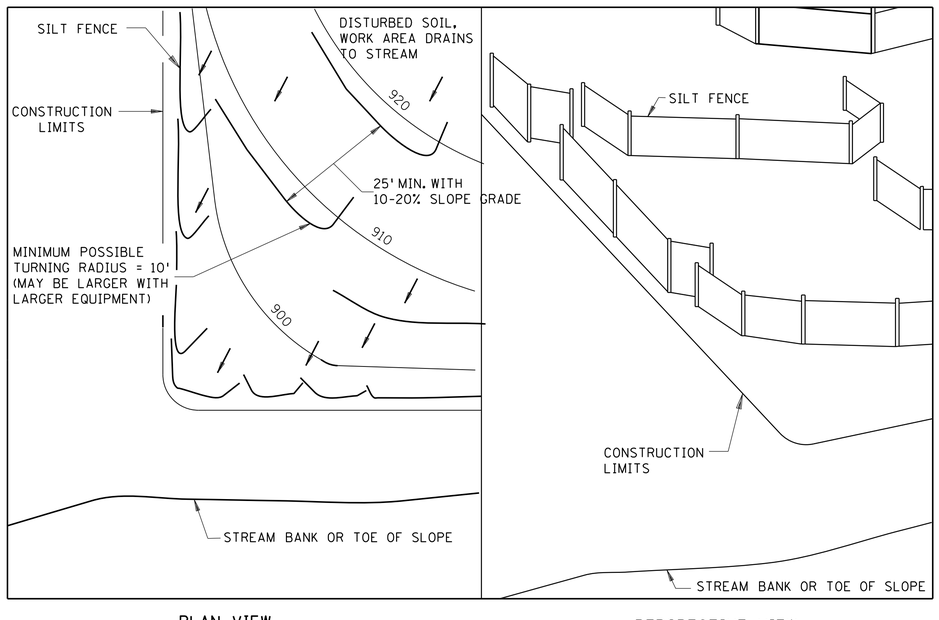


SILT FENCE WITH SAND BAGS ⑤

INSTALLATION AT BRIDGE EMBANKMENT ADJACENT TO WATER



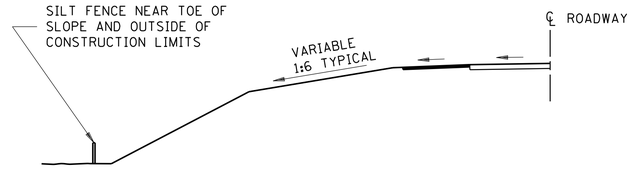
SILT FENCE WITH SHEETING ⑥



PLAN VIEW

PERSPECTIVE VIEW

J-HOOK INSTALLATION



LOCATION AT TOE OF ROADWAY EMBANKMENT

NOTES:

SEE SPECS. 2573, 3149 & 3886.

1. COARSE FILTER AGGREGATE (SPEC. 3149) SHALL BE INCIDENTAL.
2. TO PROTECT AREAS FROM SHEET FLOW. MAXIMUM CONTRIBUTING AREA: 1 ACRE.
3. TO PROTECT AREAS FROM SHEET FLOW. MAXIMUM CONTRIBUTING AREA: 0.25 ACRE.
4. WATER COURSE FLOW VELOCITY: STANDING. CONTRIBUTING SLOPE AREA: 1./2 ACRE.
5. WATER COURSE FLOW VELOCITY: 1 TO 7 FT./SEC. CONTRIBUTING SLOPE AREA: 1. ACRE.
6. WATER COURSE FLOW VELOCITY: 8 TO 15 FT./SEC. CONTRIBUTING SLOPE AREA: 3 ACRES.

LEAD EXPERT OFFICE	LYNN CLARKOWSKI CHIEF ENVIRONMENTAL OFFICER OFFICE OF ENVIRNOMENTAL STEWARDSHIP		TEMPORARY SEDIMENT CONTROL SILT FENCE	APPROVED: 02-28-2017 REVISED:	THOMAS STYRBICKI STATE DESIGN ENGINEER	STANDARD PLAN 5-297.405	6 OF 8

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ARIC WELCH
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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

STANDARD PLAN SHEET

SHEET NO. **C10**
SHEET OF

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3/27/2025

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3/27/2025

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1			
2			
3			
4			

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

EXISTING CONDITIONS AND REMOVALS

SHEET NO.
C11
SHEET OF

STORM WATER POLLUTION PREVENTION PLAN NARRATIVE:

Project Location:

The Clearwater Road Dog Park site is located in the City of Baxter on the southwest side of the Clearwater Road and Grand Oaks Drive intersection. A site location map has been provided detailing the location of the proposed improvements.

Existing Site Description:

The existing site is an undeveloped piece of land that is covered in woods and wetlands. The stormwater runoff drains to the onsite wetlands located across the property. Access to the property is from the north off Clearwater Road.

Proposed Site Description:

The proposed improvements consist of a parking lot, building, bituminous walking trail, chip walking trail, stormwater pond and site related utilities. The property is 30.6 acres in size and the total land disturbance will be 1.01 acres. The existing site is covered by 0.00 acres of impervious surface and the proposed site will be covered by 0.27 acres of impervious surface. The total impervious area will increase; therefore, permanent stormwater treatment is required from the NPDES and the City of Baxter. The construction of the infiltration basin will be completed to accommodate the necessary stormwater treatment required by the NPDES and City of Baxter.

The proposed infiltration basin will have a top elevation of 1202.50, an emergency overflow at 1202.00, and a bottom elevation of 1201.15. The groundwater level is at an elevation of 1198.15. Runoff from the parking lot will sheet flow to a grassy area before it flows into the wet sedimentation basin. A stormwater management plan has been developed and is available upon request and shall be considered part of this SWPPP.

The project will be disturbing under 5 acres; therefore, a temporary sediment control basin will not be required.

The disturbed area consists of Lougee-Barber-Guida complex, which is hydrologic group A/D soil. The proposed drainage will not alter offsite drainage significantly by the proposed improvements. Only modifications will be incorporated to the interior drainage area boundaries.

Receiving Waters:

****

Water Body ID	Water Body Name	Type	Special	Impaired Water
NA	NA	NA	NA	NA

****

Dates of Construction:

The project will be started Spring 2025, with construction being completed in Fall 2025.

Contact Information:

Owner:

City of Baxter
13190 Memorywood Dr.
Baxter, MN 56425
(218-454-5100)

Contractor:

TBD

Estimated Erosion Prevention and Sediment Control Quantities

****

Item	Estimated Quantity	
Seed Mixture MnDOT, Mix 22-111 Application Rate (100 LBS/ACRE)	0.70	AC
Seed Mixture MnDOT, Mix 25-151 Application Rate (400 LBS/ACRE)	0.70	AC
Hydraulic Reinforced Fiber Matrix Application Rate (3900 LBS/ACRE)	0.00	AC
Fertilizer Type 3 (10-10-20) Application Rate (300 LBS/ACRE)	0.70	AC
Stabilized Construction Exit	1	EA
Silt Fence Type MS (MnDOT Spec. 2573)	746	LF

****

Dewatering:

It is anticipated that dewatering will be required during portions of the utility installation. The discharge for dewatering can be directed to the stormwater ponds, but measures shall be taken so that erosion does not occur at the discharge of the dewater pipe. The water shall be conveyed to the pond in a non-erosive manner and shall have minimal potential for erosion.

Total disturbed area within project areas are as follows:

****

Project Disturbed Area =	[Amount]AC
Existing Impervious =	0.00 AC
Proposed Impervious Area =	0.27 AC

****

Unique Storm Water Management Features

There are no special or impaired waters within one mile of the project site will receive stormwater runoff.

TMDL Implementation Plans Containing Storm Water Requirements

No TMDL Implementation Plans currently exist for the receiving waters on this project.

Long Term Maintenance

Long term maintenance of the permanent storm water management system will be by the City of Baxter. The infiltration basin shall be inspected annually. The infiltration basin shall be cleaned and restored to design grade after one half of the storage volume has been filled with sediment. The emergency overflow shall be monitored and repaired for any erosion or defects that may develop.

Erosion Control Supervisor Requirements

The Contractor must identify an Erosion Control Supervisor (ECS) who is knowledgeable and experienced in the application of erosion and sediment control Best Management Practices (BMP's). The ECS must work with the Contractor to oversee and implement the SWPPP, and the installation, inspection, and maintenance of erosion and sediment control BMP's before, during and after construction. The Contractor/ECS is required to comply with the training requirements in 2023 Permit Reference 21 of the NPDES Permit. The permittee(s) shall ensure that employees are properly trained in the following areas with certification proof provided at the pre-construction conference.

SWPPP Preparation:

Name: Thomas Rients

Dates of instruction and training specifics are on file at Widseth and are available upon request.

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

SWPPP NARRATIVE

SHEET NO.
C12
SHEET OF

MODEL: Default
PATH: V:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\C-EN-2024-11289_DOG-PARK1.dgn

3/27/2025

Site Manager:

Name: _____
Dates of Training: _____
Instructors Name providing Training: _____
Content of Training (incl. hours): _____

BMP Installer:

Name: _____
Dates of Training: _____
Instructors Name providing Training: _____
Content of Training (incl. hours): _____

The Contractor/ECS shall develop a chain of responsibility with all operators on the site to ensure that the SWPPP will be implemented and stay in effect until the project site has undergone Permit Termination Conditions in accordance with 2023 Permit Reference 13 of the NPDES Permit and a Notice of Termination (NOT) has been submitted to the MPCA in accordance with 2023 Permit Reference 4 of the NPDES Permit. The Contractor/ECS must routinely inspect the entire construction site at least once every seven days during active construction and within 24 hours after a rainfall event greater than 0.5 inch in 24 hours. The Contractor shall take action to eliminate any deficiencies found during these inspections. The Contractor must provide two rain gauges to be installed on the construction site. Inspections, maintenance, and documentation must be in accordance with the NPDES Permit 2023 Permit Reference 11. See 2023 Permit Reference 24.5 of the NPDES Permit for record retention requirements. Copies of the inspection records are to be submitted to the Engineer.

The Contractor/ECS must amend the SWPPP as necessary to include additional requirements, such as additional or modified BMP's, designed to correct problems or address situations in accordance with 2023 Permit Reference 6 of the NPDES Permit.

Individual Site Plans will be required by the E.C. Supervisor as deemed necessary. Refer to MnDot 1717.

A daily inspection log will be required by the E.C. Supervisor of all sediment, erosion, and materials on site (ie: chemicals, etc.). This log shall be kept current.

The E.C. Supervisor shall provide an inlet staging schedule and protection plan for the entire project. This plan and schedule shall be presented to the engineer at the pre-construction conference. Minimum requirements of the plan and schedule shall include:

- r date of proposed inlet protection device installation
- r protection device utilized
- r estimated duration of device in operation
- r schedule of subsequent devices that will be utilized for inlet protection

The contractor shall have a petroleum release plan and shall have all necessary materials on hand to implement the plan. All employees shall be trained in implementation of the plan. The MPCA shall be informed of any petroleum spills greater than 5 gallons.

STORM WATER POLLUTION PREVENTION PLAN NOTES:

Construction Practices to Minimize Storm Water Contamination

- Stockpiles should be constructed away from slopes and natural drainage ways and have sediment controls at the base prior to the initiation of stockpiling.
- Collected solid waste, sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal requirements.
- No construction materials can be buried on site.
- Licensed sanitary waste management handler must dispose of sanitary waste.
- Fertilizers must be stored in covered locations.
- Restricted access to chemical storage areas must be provided to prevent vandalism.
- All chemicals must be stored in locked containers when not in use.
- Oil, gasoline, paint, and any hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge.
- Storage and disposal of hazardous waste must be in compliance with MPCA regulations.
- Vehicles must be monitored for leaks and preventative maintenance scheduled.
- Spill kits must be available during equipment fueling and maintenance operations.
- External washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained, and waste properly disposed of. No engine degreasing is allowed on site.
- Asphalt substances must be applied according to manufactures recommendations.
- Spray guns must be cleaned on removable surfaces such as tarpaulins.
- Contractor/Erosion Control Supervisor must make a spill response plan before the application of any chemical that may be harmful to the environment.
- All spills must be reported immediately. Spill cleanup materials must be available on site. Material shall include but not limited to brooms, mops, rags, gloves, absorbent material, sand plastic and metal containers. Spills that reach storm water conveyance systems connected to a Water of the State must be immediately reported to the MPCA State Duty Officer.
- Contractor must control weeds on the entire project site.
- Form release oil must be applied over a pallet covered with absorbent material to collect excess fluid. The absorbent material shall be replaced when saturated.
- Dust control must be provided as conditions warrant.
- If this project is not stabilized before winter conditions stop construction activities, it shall be the contractor's responsibility to ensure sediment does not reach a water of the state. A written plan of this activity shall be presented to the engineer 1 month before expected project shut down for the season occurs. This plan shall include but not be limited to:
  - o date of proposed bmp employment
  - o duration of bmp's employed
  - o schedule of subsequent bmp's employed

Temporary and Permanent Erosion Control Practices

BMPs proposed for temporary and permanent erosion control are shown on the erosion control plan sheets and are further identified as follows:

Temporary Erosion Control Methods

All disturbed soil areas shall be temporarily mulched with Type 1 mulch within 7 days if the area is not being actively worked. Temporary seed mix 22-111 at a rate of 100 lbs/ac of Pure Live Seed will be used only in cases where disturbed soil areas are anticipated to remain unworked in excess of 7 days prior to placement of Type 1 mulch.

Permanent Erosion Control Methods

Permanent erosion control will be achieved by using Seed Mixture 25-151 at a rate of 400 lbs/ac of Pure Live Seed, Type 2 Fertilizer with a composition of 10-10-20 at a rate of 300 lbs/ac, and Hydraulic Soil Stabilizer, Type 5 at a rate of 3900 lbs/ac on all disturbed construction areas.

Temporary Sediment Control Methods

Silt fence and sediment control logs will be used as the primary control to prevent sediment from draining off the construction site.

Rock construction entrances shall be placed at all locations construction vehicles will be exiting the project area.

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ARIC WELCH DATE: 3/18/2025 LIC. NO. 41983

REVISIONS DESCRIPTION	BY	DATE	REV#

DATE: 3/18/2025
SCALE: AS SHOWN
DRAWN BY: MBA
CHECKED BY: AW
JOB NUMBER: 2024-11289

CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

SWPPP NARRATIVE

SHEET NO.
C13
SHEET OF

Unique Environmental Concerns

There are wetlands that are adjacent to the project. Special care shall be taken to minimize impacts to the surrounding wetlands.

Timing of BMP Installation

Erosion and sediment control BMP's must be installed as necessary to minimize erosion from disturbed surfaces and capture sediment onsite. All BMP's must conform to 2023 Permit Reference 8 and 9 of the NPDES Permit.

Erosion Prevention Practices

The Contractor/ECS is responsible for the Erosion Prevention Practices contained in 2023 Permit Reference 8 of the NPDES Permit. The Contractor/ECS must plan for and implement appropriate construction phasing, vegetative buffer strips, horizontal slope grading and other construction practices that minimize erosion. The location of areas not to be disturbed must be delineated (marked) on the development site before work begins.

All exposed soil areas must be stabilized as soon as possible to limit soil erosion but in no case later than 14 days (7 days for sites discharging to special or impaired waters, see 2023 Permit Reference 24 of NPDES Permit) after the construction activity in that portion of the site has temporarily or permanently ceased.

The normal wetted perimeter of any temporary or permanent drainage ditch or swale that drains water from any portion of the construction site, or diverts water around the construction site, must be stabilized within 200 lineal feet from the property edge, or from the discharge into any surface water. Stabilization must be complete within 24 hours after connecting to surface water.

Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.

Sediment Control Practices

The Contractor/ECS is responsible for the Sediment Control Practices contained in 2023 Permit Reference 9 of the NPDES Permit. Sediment Control Practices must be installed on all down gradient perimeters before any upgradient land disturbing activities begin. There shall be no unbroken slope length greater than 75 feet for slopes with a grade of 3:1 or steeper. These practices must remain in place until Permit Termination Conditions have been established in accordance with 2023 Permit Reference 13 of the NPDES Permit.

The timing of installation of Sediment Control Practices may be adjusted to accommodate short-term activities such as clearing or grubbing, or passage of vehicles. Short-term activities must be completed as quickly as possible, and the practices must be installed immediately after the activity is completed. However, the Sediment Control Practices must be installed before the next precipitation event even if the activity is not complete.

All storm drain inlets must be protected by appropriate BMP's during construction until all sources with potential for discharging to the inlet have been stabilized. Inlet protection may be removed if a specific safety concern has been identified and the procedure in 2023 Permit Reference 9.8 of the NPDES Permit is followed.

Temporary soil stockpiles must have silt fence or other effective sediment controls, and cannot be placed in surface waters, including stormwater conveyances such as curb and gutter systems, or conduit and ditches unless there is a bypass for stormwater.

Vehicle tracking of sediment from the construction site must be minimized by BMP's such as stone or wood chip pads, concrete or steel wash racks, or equivalent systems. Street sweeping with collection must be used if such BMP's are not adequate to prevent sediment from being tracked onto the street (see 2023 Permit Reference 9.12 of the NPDES Permit).

Dewatering related to the construction activity must comply with 2023 Permit Reference 10 of the NPDES Permit. Dewatering discharge that may have turbid or sediment laden discharge must be discharged to a temporary or permanent sedimentation basin on the project site whenever possible and BMP's must be implemented to prevent water containing sediment or other pollutants from being discharged to surface waters or downstream properties.

Contractor may construct temporary sedimentation basins in accordance with 2023 Permit Reference 14 of the NPDES Permit.

Pollution Prevention:

Each contractor on site is individually responsible for maintaining a clean and safe work site. The person responsible shall dispose of all solid waste properly and in compliance with the MPCA disposal requirements. Solid waste includes but is not limited to: collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris. The person responsible shall be responsible for all hazardous materials during construction. Oil, gasoline, grease, paint, and other hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks and unwanted discharges. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in accordance with the MPCA regulations. External washing of trucks and other construction equipment is prohibited on this project site.

Concrete washout site: all liquid and solid wastes generated by concrete washout operations must be contained in a leak proof containment facility or impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operations or areas. Liquid and solid wastes must be disposed of properly and in compliance with the MPCA regulations. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

The following telephone numbers are provided for assistance to the contractors and are not necessarily comprehensive; it is the responsibility of the individual contractor to make sure of proper notification.

Poison Control (800) 222-1222
24 Hour Spill Emergency (800) 422-0798

Payment

Cost for permanent and temporary erosion and sediment control measures shown on the plans will be paid per unit bid prices. The costs to maintain and remove these devices shall be incidental to the bid items. The cost for temporary seeding, soil stabilization, or any additional temporary erosion and sediment control devices shall be paid according to MN/DOT Spec. 2573.5 or 2575.5 as applicable. All costs for documentation required by the Permit shall be incidental to other items unless a specific bid item is established.

Contacts

****

Agency	Permit	Name	Phone Number

****

MPCA	NPDES	Brian Green	507-206-2610
Baxter	City	Trevor Walter	218-454-5100
SWPPP Design	WSN	Thomas Rients	218-316-3639
EC Supervisor			

****

Amendments to the SWPPP:

Date:

1.

2.

3.

4.

5.

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BY	REVISIONS DESCRIPTION	REV#	DATE

DATE: 3/18/2025
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CHECKED BY: AW
JOB NUMBER: 2024-11289

CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

SWPPP NARRATIVE

SHEET NO.
C14
SHEET OF

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\C-EN-2024-11289_DOG-PARK3.dgn

3/27/2025

F & I 456 LF MS
SILT FENCE (2 ROWS)

F & I 290 LF MS SILT FENCE
PLACE AFTER POND CONSTRUCTION
AT TOE OF POND BOTTOM

PROPOSED SCREENING TREES TO BE F & I BY OTHERS

EXISTING WETLAND

EX. WATER MAIN

EX. SANITARY SEWER

EX. STORM SEWER

CLEARWATER ROAD

EROSION CONTROL LEGEND
SEEDING
EROSION CONTROL BLANKETS
CONSTRUCTION EXIT

NORTH

0 15 30
Scale in Feet

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\EC-2024-11289_DOG-PARK1.dgn

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NO.	DATE	REVISIONS DESCRIPTION	BY
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2			
3			
4			

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

EROSION CONTROL PLAN

SHEET NO.
C15
SHEET OF

CHIP TRAIL (BY OTHERS)

PERIMETER FENCING (BY OTHERS)

40'x24' BUILDING BY OTHERS

CHIP TRAIL (BY OTHERS)

CONSTRUCT CONCRETE PAD
(SEE DETAIL SHEET C5)

FENCING (BY OTHERS)

BEGIN 3" BITUMINOUS TRAIL
STA=1+82.69

330'

A CONSTRUCT 4'x8' CONCRETE PAD (SEE DETAIL SHEET C5) BENCH PROVIDE AND INSTALLED BY OTHERS.

CONTRACTOR TO CUT CURB OPENINGS FOR DRAINAGE TO POND

CONSTRUCT 5 1/2" BITUMINOUS PAVEMENT

FUTURE PARKING LOT EXPANSION

CONSTRUCT CONCRETE PAD (10'x14')
(SEE DETAIL SHEET C5)

CONSTRUCT 3" BITUMINOUS TRAIL

SEE SHEET C17 FOR WATERMAIN

CONSTRUCT CONCRETE PAD
WITH THICKENDED EDGE
(SEE DETAILS SHEET C5)

ELECTRICAL & IRRIGATION
ENCLOSURE FURNISHED &
INSTALLED BY OTHERS.

FENCE & GATE CLOSURE TO BE
FURNISHED & INSTALLED BY OTHERS.

ADA PORTABLE RESTROOM BY OTHERS.

CONSTRUCT 10'x14' CONCRETE
PAD. BIKE RACK TO BE PROVIDE BY
OTHERS. (SEE DETAIL SHEET C5)

CONSTRUCT CONCRETE CURB
& GUTTER, DESIGN B612 (TIP-OUT)

TELEPHONE PEDESTAL
ADJUSTMENT BY OTHERS

MATCH EXISTING CURB & GUTTER

ADJUST VALVE BOX
IF NEEDED

EXISTING WETLAND

EX. WATER MAIN

EX. SANITARY SEWER

EX. STORM SEWER

CLEARWATER ROAD

NORTH

0 15 30
Scale in Feet

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\C-PV-2024-11289_DOG-PARK1.dgn

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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

CONSTRUCTION PLAN

SHEET NO.
C16
SHEET OF

INSTALL OUTDOOR DRINKING FOUNTAIN SUPPLIED BY CITY

INSTALL DOG WATERING STATION SUPPLIED BY CITY

1" PE WATER SERVICE

F & I YARD HYDRANT

1" PE WATER SERVICE

1 1/2" PE WATER SERVICE

381 LF 1 1/2" PE WATER SERVICE (3' BURY DEPTH)

F & I 81 LF 4" SCH 40 PVC SANITARY SEWER SERVICE @ 1.00% GRADE

F & I INSIDE DROP
INV SE=1195.45
INV N=1183.60

F & I 4" SCH 40 PVC CLEANOUT ASSEMBLY
INV=1196.26

120 LF 2" PE WATER SERVICE (8.5' BURY DEPTH)

6" x 2" SERVICE SADDLE AND 2" CORPORATION STOP

2" CURB STOP & BOX

F & I 45 LF 4" SCH 40 PVC SANITARY SEWER SERVICE

EXISTING WETLAND

EX. WATER MAIN

EX. SANITARY SEWER

EX. STORM SEWER

CLEARWATER ROAD

NORTH

0 15 30

Scale in Feet

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\C-UT-2024-11289_DOG-PARK1.dgn

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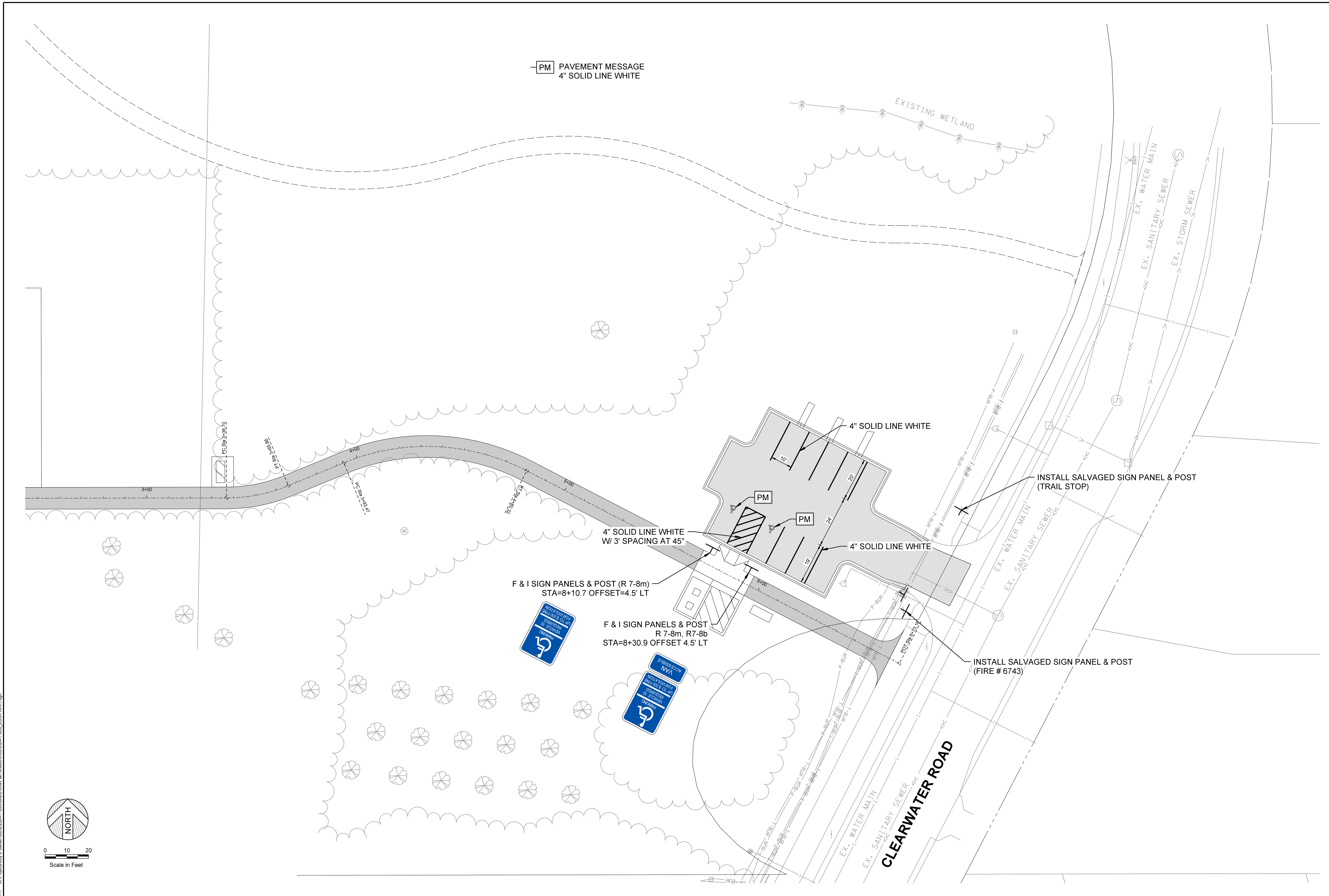
CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

UTILITY PLAN

SHEET NO.
C17
SHEET OF



PM PAVEMENT MESSAGE
4" SOLID LINE WHITE
EXISTING WETLAND
EX. WATER MAIN
EX. SANITARY SEWER
EX. STORM SEWER
4" SOLID LINE WHITE
INSTALL SALVAGED SIGN PANEL & POST
(TRAIL STOP)
PM
PM
4" SOLID LINE WHITE
W/ 3' SPACING AT 45°
4" SOLID LINE WHITE
F & I SIGN PANELS & POST (R 7-8m)
STA=8+10.7 OFFSET=4.5' LT
F & I SIGN PANELS & POST
R 7-8m, R7-8b
STA=8+30.9 OFFSET 4.5' LT
INSTALL SALVAGED SIGN PANEL & POST
(FIRE # 6743)
VAN ACCESSIBLE
CLEARWATER ROAD
NORTH
0 10 20
Scale in Feet

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CADD\Civil\Plan Sheets\C-SS-2024-11289_DOG-PARK1.dgn

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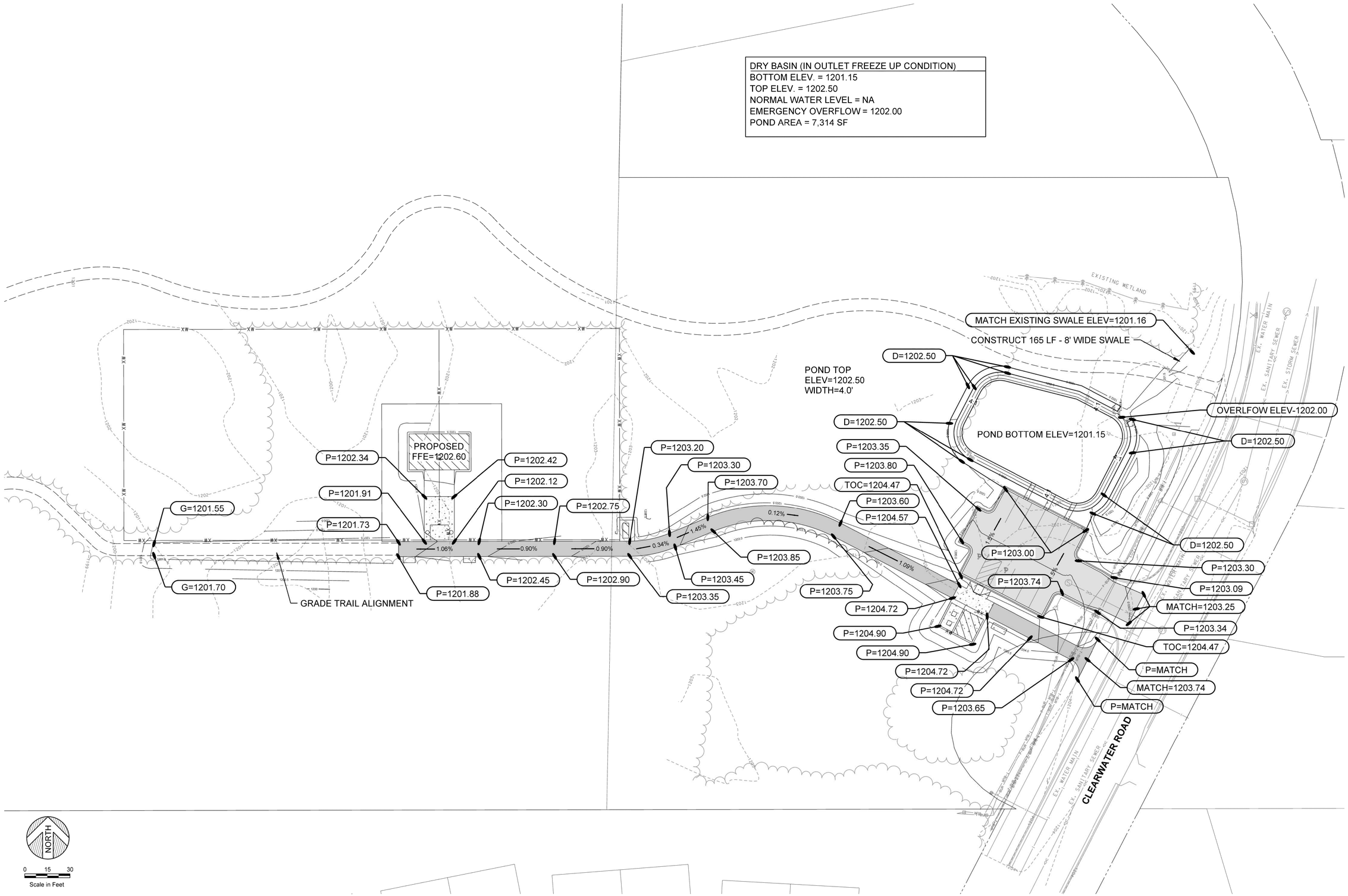
CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

STRIPING AND SIGNING PLAN

SHEET NO.
C18
SHEET OF

DRY BASIN (IN OUTLET FREEZE UP CONDITION)
BOTTOM ELEV. = 1201.15
TOP ELEV. = 1202.50
NORMAL WATER LEVEL = NA
EMERGENCY OVERFLOW = 1202.00
POND AREA = 7,314 SF



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CLEARWATER ROAD DOG PARK
CLEARWATER ROAD
BAXTER, MINNESOTA

GRADING & DRAINAGE PLAN

SHEET NO.
C19
SHEET OF

MODEL: Default
PATH: W:\Projects\City of Baxter-32232\2024-11289\CAD\Civil\Plan Sheets\C-DR-2024-11289_DOG-PARK1.dgn

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