

PROPERTY DESCRIPTION

Lot 1, Block 1, CANTERBURY PARK NINTH ADDITION, Scott County, Minnesota.

PROPERTY OWNER

Canterbury DBSV Development
500 Marschall Rd., Suite 300
Shakopee, MN 55379

NEXT STEPS DEVELOPER

Matt Kerber
3697 Lerville Way
Chaska, MN 55318

ENGINEER/SURVEYOR

SISU LAND SURVEYING LLC
2580 CHRISTIAN DR.
CHASKA, MN 55318
CONTACT: CURT KALLIO, PE, LS
612-418-6828

STORMWATER

Stormwater treatment will be provided by existing stormwater ponds that were constructed to accomodate runoff from this site. Storm sewer from the site will be connected to an existing stub as shown.

LANDSCAPING PLAN

A landscaping plan has been prepared by others.

LIGHTING PLAN

Proposed parking lot lights are shown. A lighting plan will be provided by others.

TREE PRESERVATION

There are no existing trees on site so no tree protection is proposed.

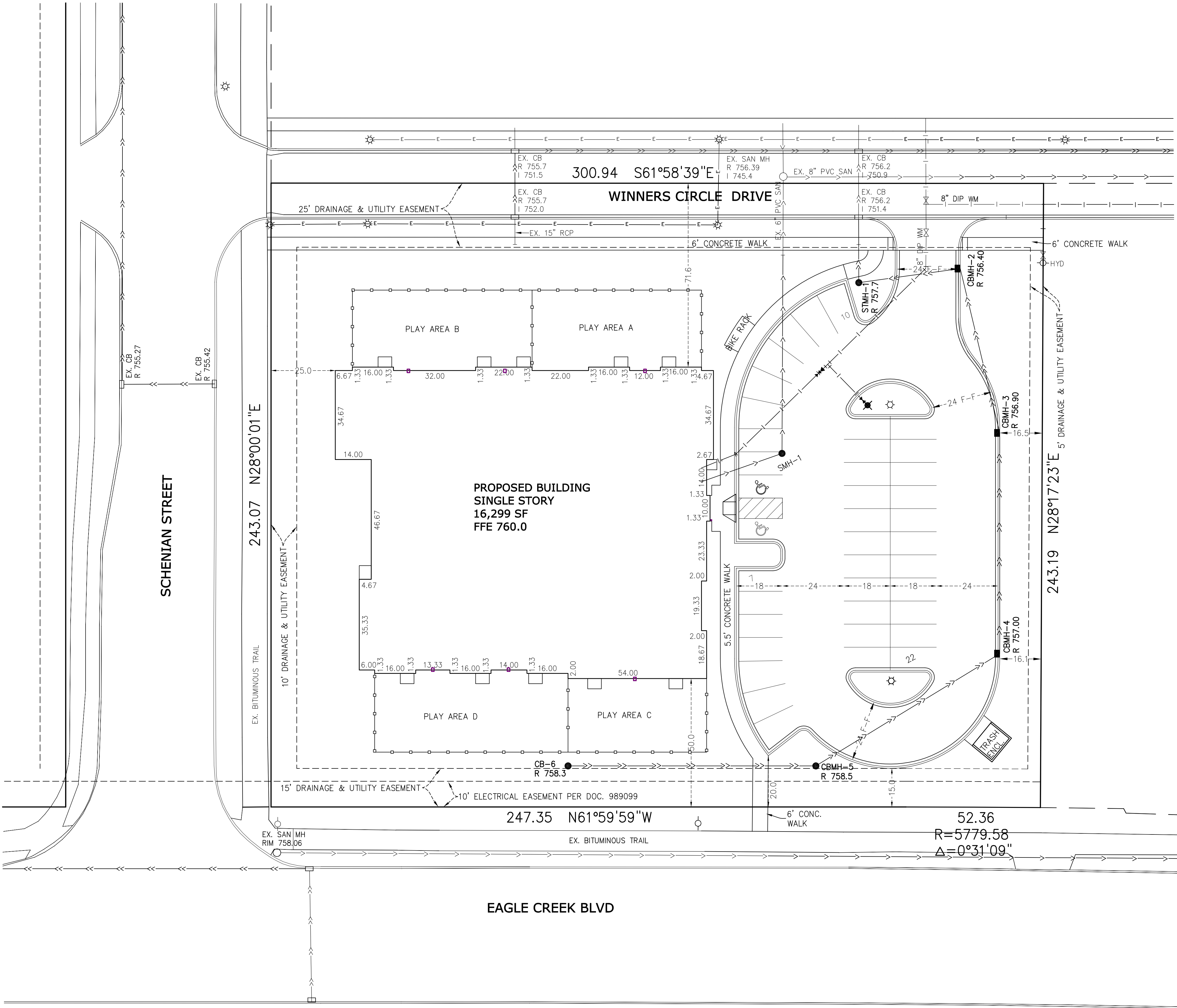
SHEET INDEX

- | | |
|--------|---|
| C1 | SITE PLAN |
| C2 | GRADING, DRAINAGE, AND EROSION CONTROL PLAN |
| C3 | STORM SEWER PLAN |
| C4 | UTILITY PLAN |
| C5 | TURF ESTABLISHMENT PLAN |
| C6-C10 | DETAILS |

LEGEND

- | | |
|-------------------------|--|
| PROPERTY LINE | |
| RIGHT-OF-WAY | |
| SETBACK | |
| EASEMENT | |
| EX. CONTOUR | |
| PROP. CONTOUR | |
| DRAINAGE ARROW | |
| EX. CATCH BASIN | |
| EX. STORM SEWER | |
| EX. EX. STORM MH | |
| EX. FES | |
| EX. SAN. SEWER | |
| EX. SAN. SEWER MH | |
| EX. WATERMAIN | |
| EX. HYDRANT | |
| EX. GATE VALVE | |
| POWER POLE | |
| LIGHT POLE | |
| EXISTING TREE AND BRUSH | |

0 20 40
SCALE IN FEET



LAND SURVEYING
& ENGINEERING

2580 Christian Dr.
Chaska, MN 55318
612-418-6828

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 Engineer under the laws of the State of Minnesota.

8/10/2022
Date

NOT FOR CONSTRUCTION
Curtiss J. Kallio, Lic. No. 26809

BY	REVISION	DATE

PREPARED FOR:
Matt Kerber
3697 Lerville Way
Chaska, MN 55318

SHEET TITLE & PROJECT:
Site Plan
Next Steps Learning Center
Shakopee, MN

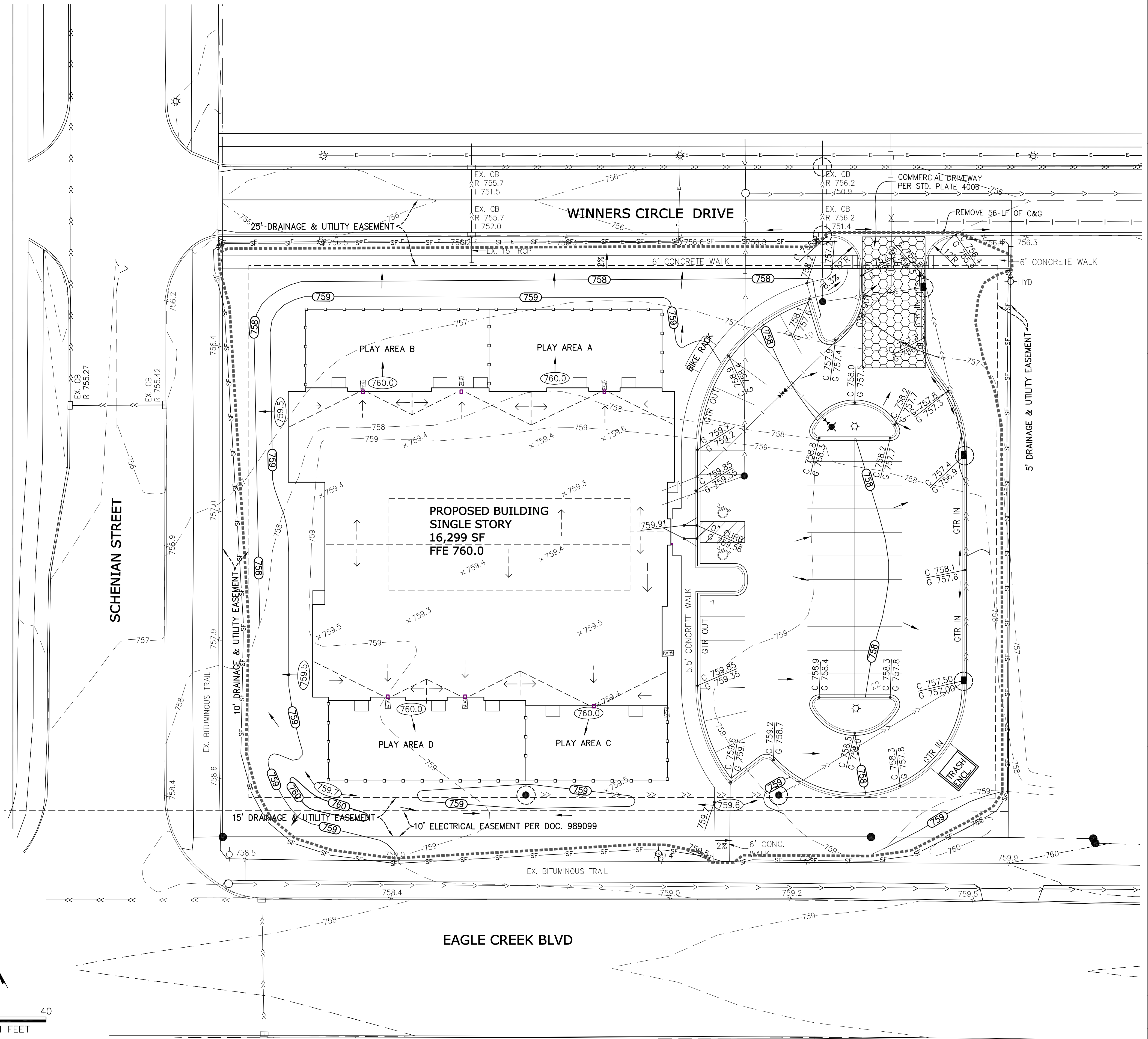
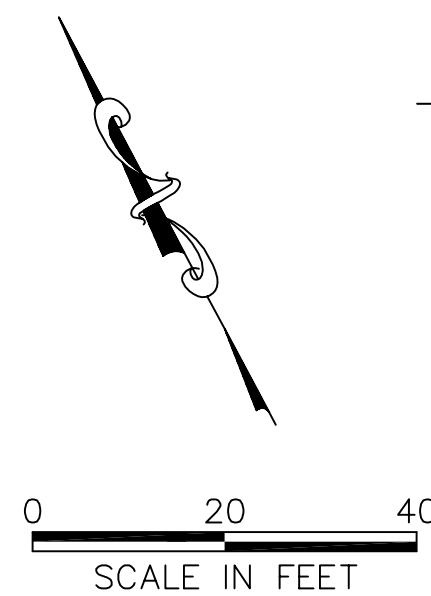
PROJECT NO:
202239

SHEET

C1

1. The grading contractor shall verify locations and elevations of all underground utilities with the respective utility companies prior to construction.
2. 6" minimum topsoil to placed on all areas to have turf established.
3. The estimated disturbed area is 1.5 acres. This site remains under NPDES Stormwater Permit No. C00056895. The existing SWPPP will be amended with the proposed erosion and sediment control contained in these plans.
4. The proposed impervious surface is 1.0 acres.
5. The estimated excavation on site is 5,000 CY.
6. A rock construction exit or other approved method is required at all access points to and from the site.

— 900 —	EXISTING CONTOUR
	PROPOSED CONTOUR
=====	CONSTRUCTION LIMITS
— SF —	SILT FENCE, MACHINE SLICED
— BR —	BIOROLL, TYPE COMPOST LOG
	INLET PROTECTION
	PROPOSED FINISHED GRADE ELEVATION
● C 927.7 ● R 927.2	PROPOSED CURB ELEV. PROPOSED GUTTER ELEV.
— — — — —>	ROOF DRAINAGE DIRECTION
	DRAINAGE ARROW
— < —	SANITARY SEWER
— —	WATERMAIN
— << —	STORM SEWER
X 976.5	EXISTING SPOT ELEVATION
	CONSTRUCTION EXIT



**AND SURVEYING
& ENGINEERING**

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Chaska, MN 55318
612-418-6828

report was prepared by me or under my direct supervision and that I am a duly Licensed Engineer under the laws of the State of Minnesota.

Date

Curtiss J. Kallio, Lic. No. 26909

Ma

Matt Kerpel
3697 Lerville Way
Chaska, MN 55318

Grading. D

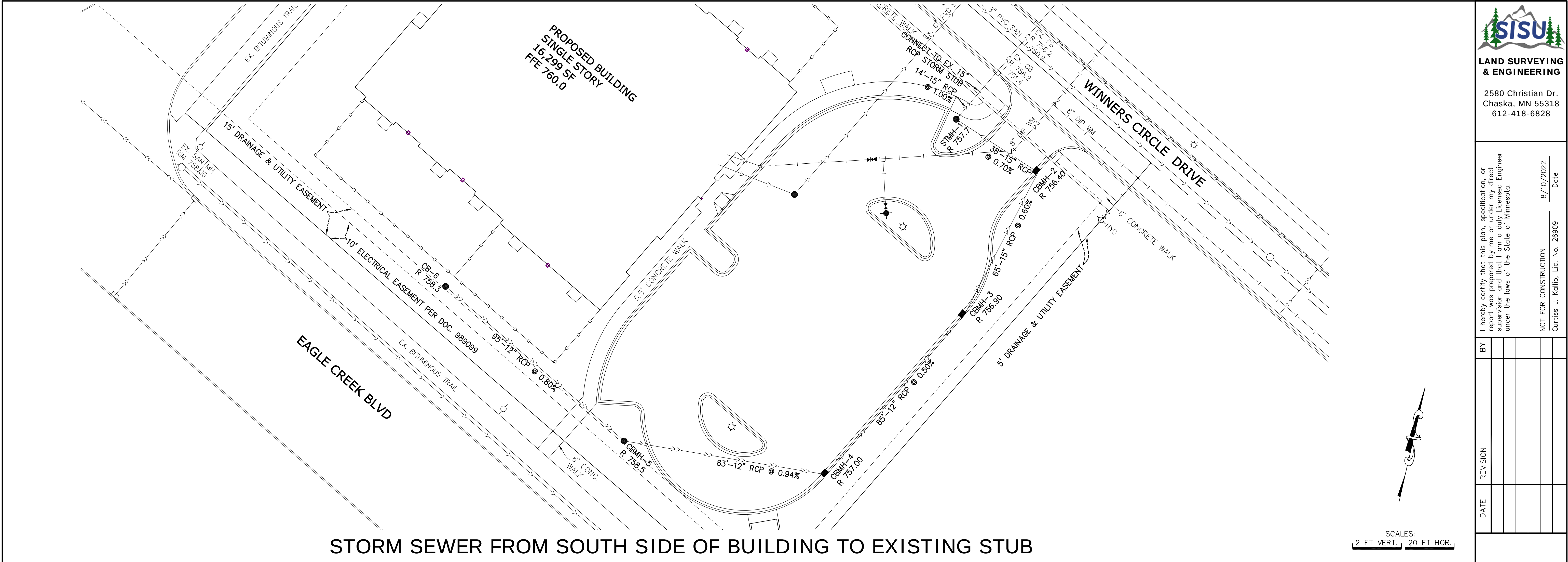
Grading, Drainage, and Erosion Control Plan

Shakopee, MN

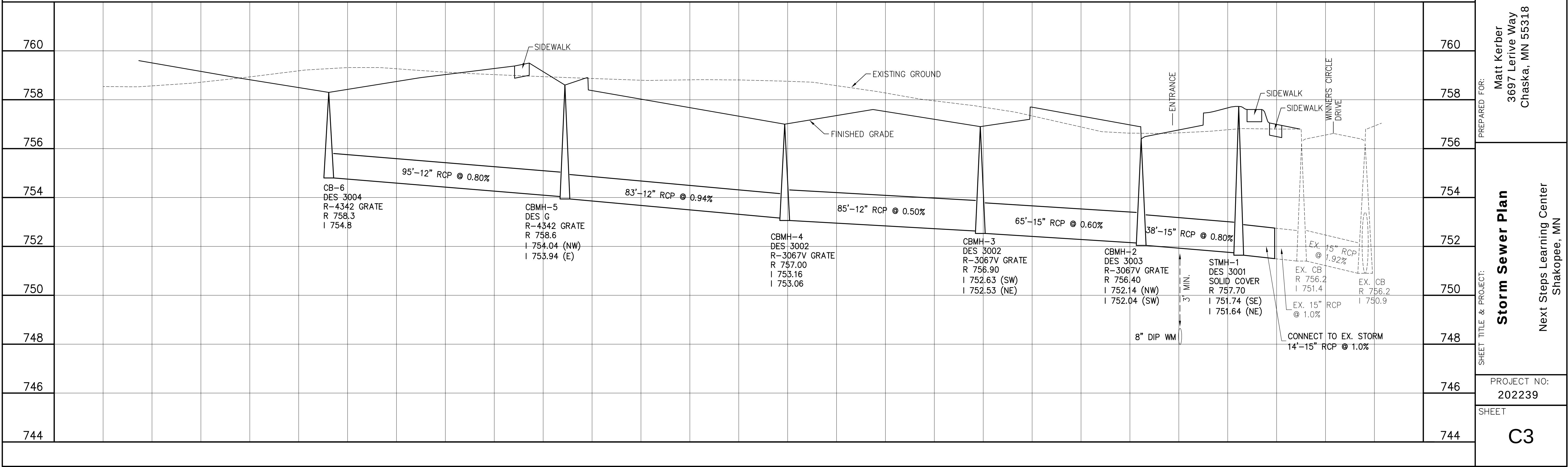
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202239

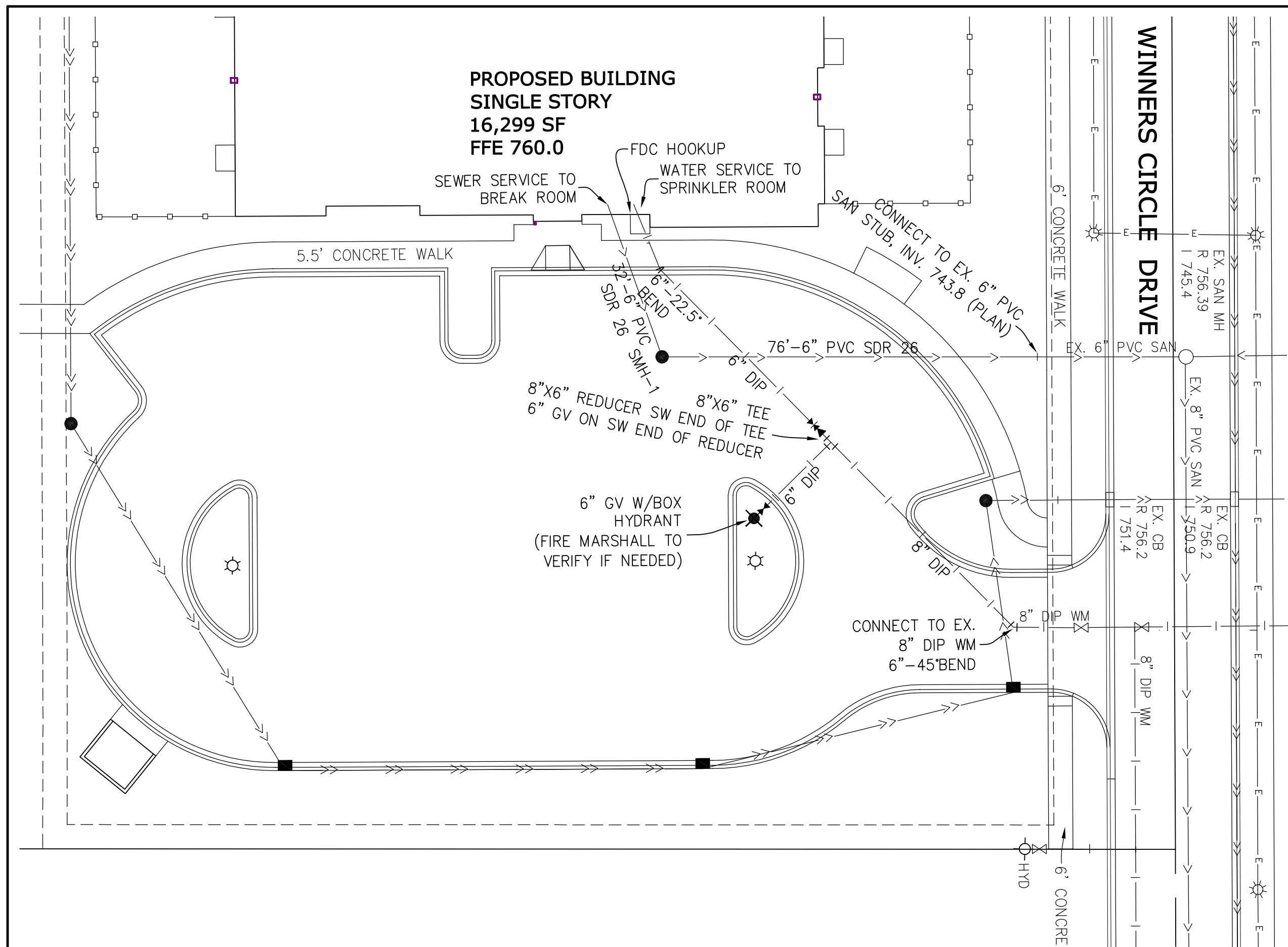
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C2

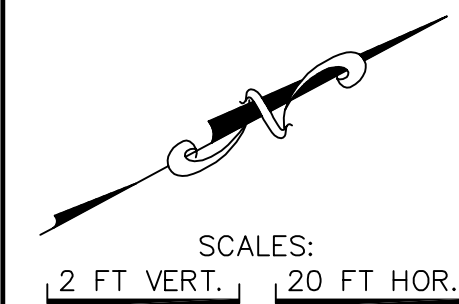


STORM SEWER FROM SOUTH SIDE OF BUILDING TO EXISTING STUB

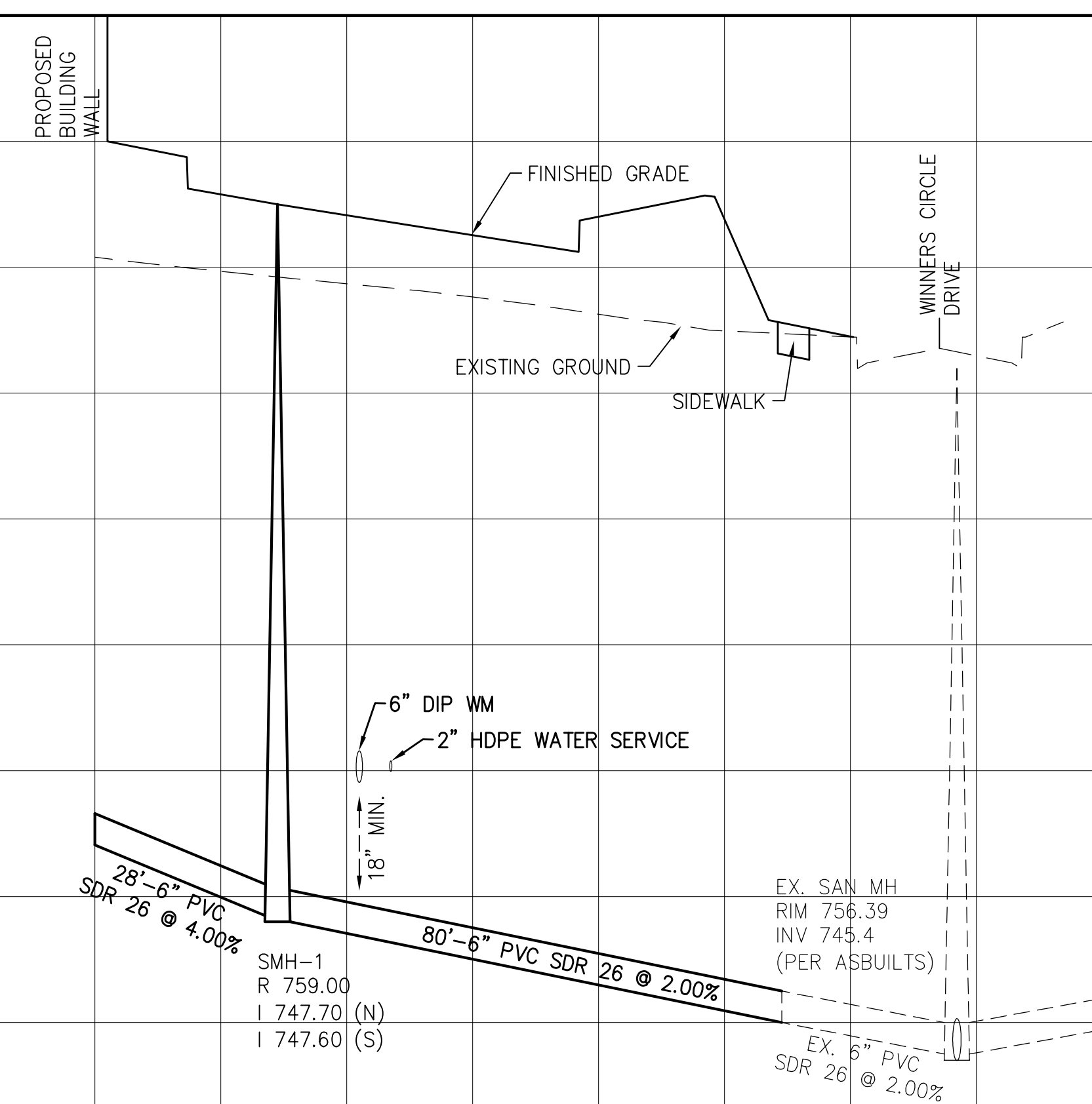




WATER SERVICE



SANITARY SERVICE



 LAND SURVEYING & ENGINEERING 2580 Christian Dr. Chaska, MN 55318 612-418-6828		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 Engineer under the laws of the State of Minnesota. BY _____	
NOT FOR CONSTRUCTION Curtiss J. Kallio, Lic. No. 26909 8/10/2022 Date _____		DATE _____ REVISION _____ _____ _____ _____ _____	
PREPARED FOR: Matt Kerber 3697 Lerville Way Chaska, MN 55318		SHEET TITLE & PROJECT: Utility Plan Next Steps Learning Center Shakopee, MN	
PROJECT NO: 202239		SHEET C4	

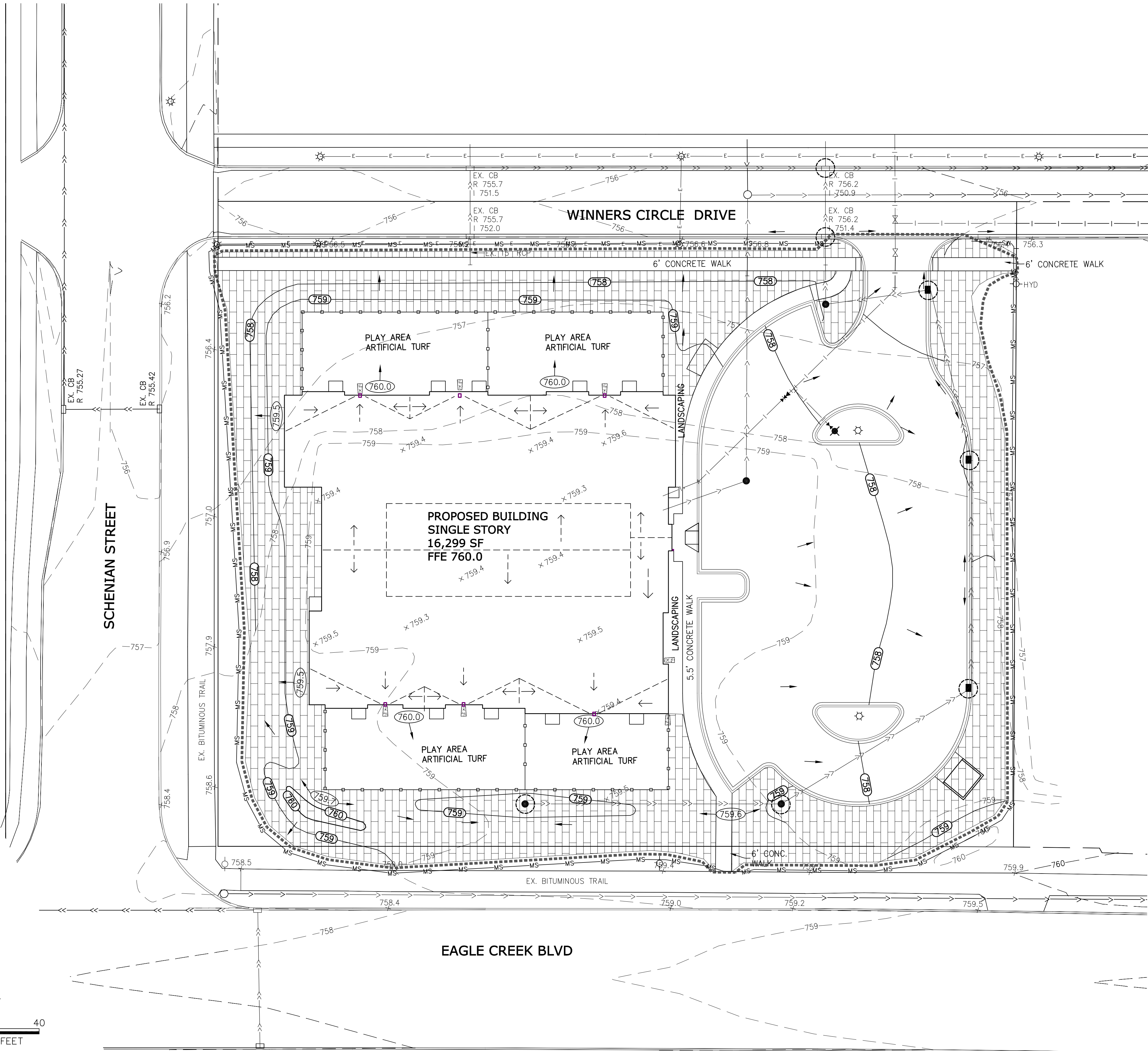
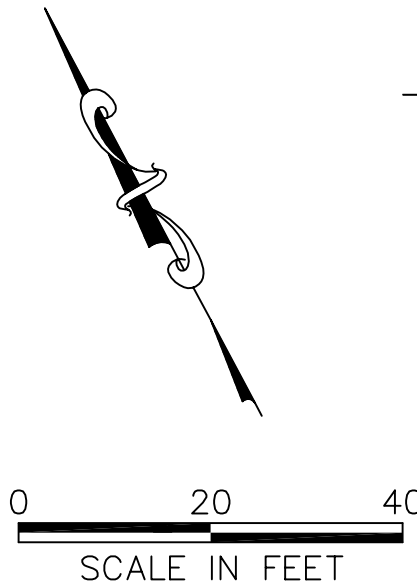
Turf Establishment Notes

1. 6" minimum topsoil to placed on all areas to have turf established.
2. Unless shown otherwise, all disturbed areas will be sodded. The estimated sodding area is 0.40 acres.
3. Modify final stabilization as necessary to match landscaping plans.

SODDING AREAS

Legend

- 900 EXISTING CONTOUR
864 PROPOSED CONTOUR
CONSTRUCTION LIMITS
SF SILT FENCE, MACHINE SLICED
INLET PROTECTION
952.0 PROPOSED FINISHED GRADE ELEVATION
C 927.7 PROPOSED CURB ELEV.
G 927.2 PROPOSED GUTTER ELEV.
ROOF DRAINAGE DIRECTION
DRAINAGE ARROW
SANITARY SEWER
WATERMAIN
STORM SEWER
X 976.5 EXISTING SPOT ELEVATION
CONSTRUCTION EXIT
COMPOST LOG



LAND SURVEYING & ENGINEERING

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Curtiss J. Kallio, Lic. No. 26909

8/10/2022
Date

BY

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REVISION

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DATE

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PREPARED FOR:

Matt Kerber
3697 Lerville Way
Chaska, MN 55318

SHEET TITLE & PROJECT:

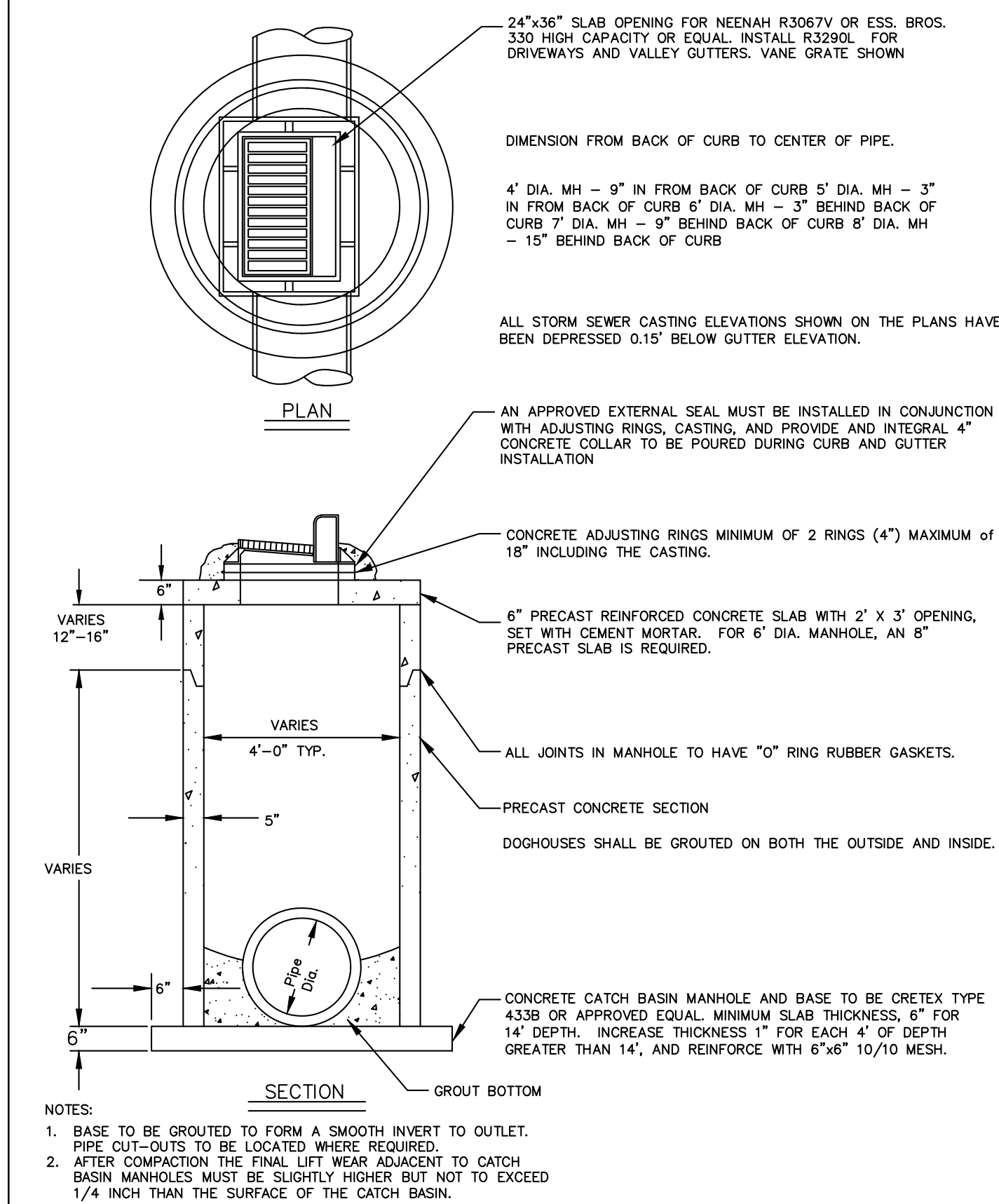
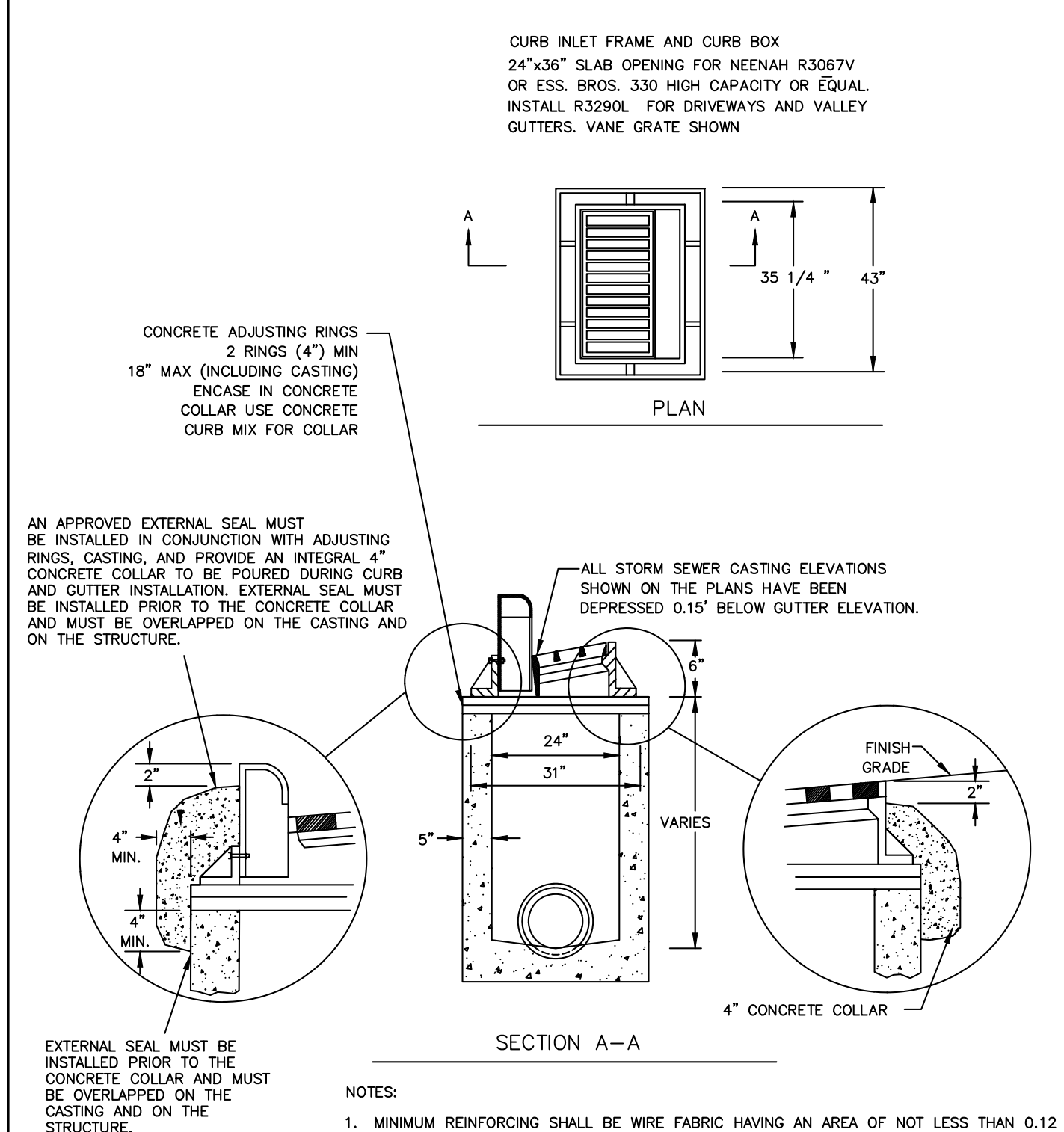
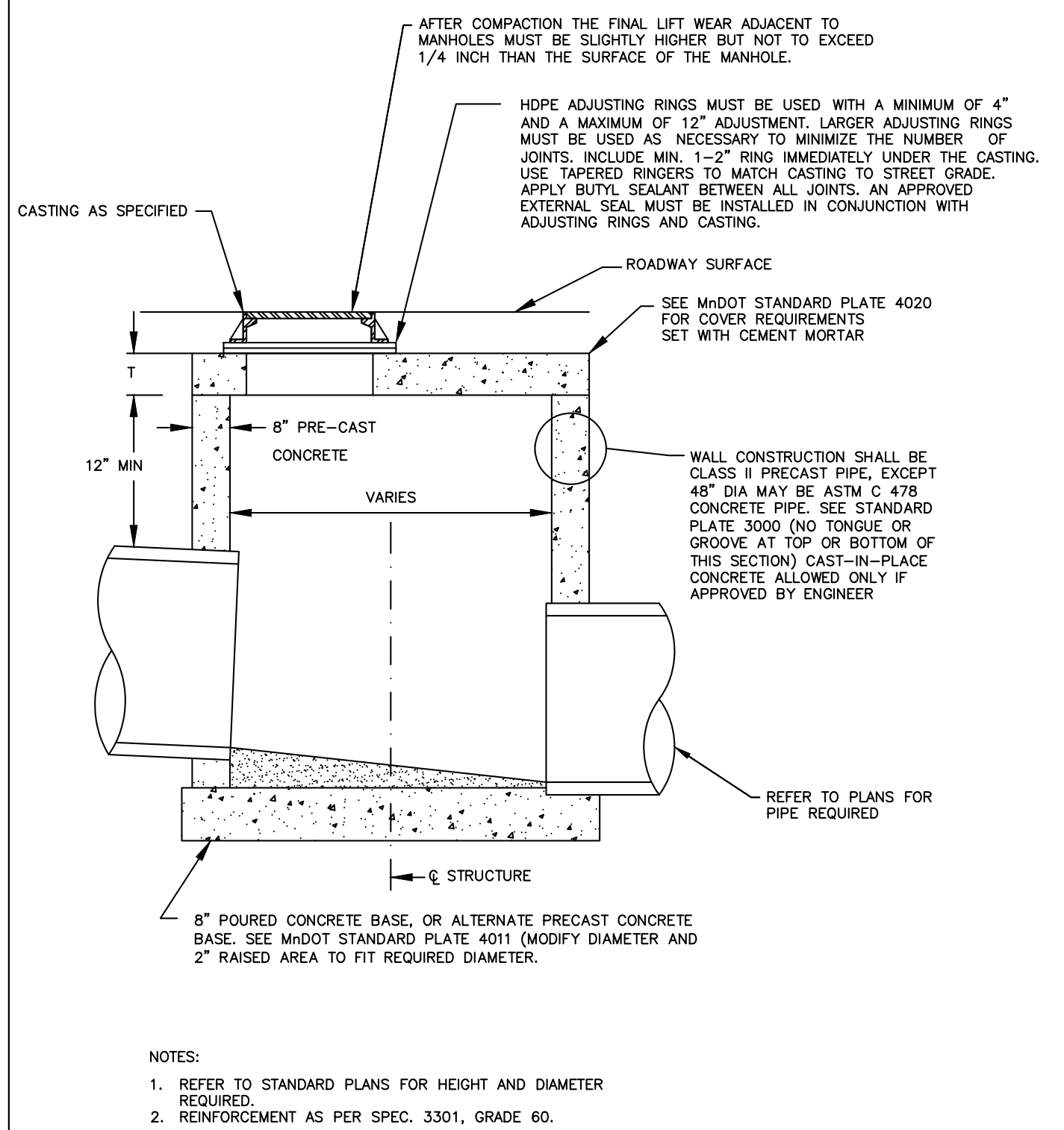
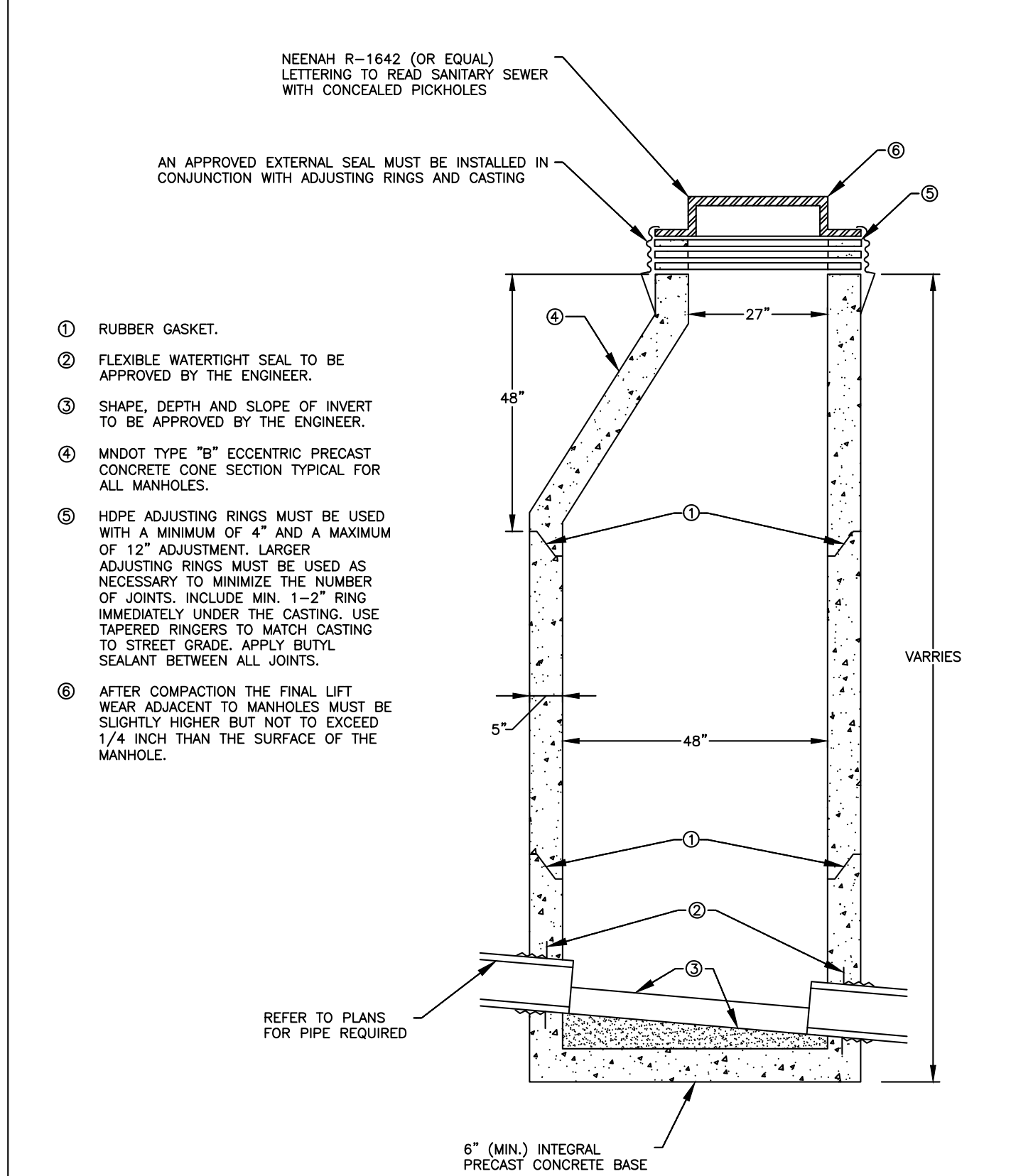
Turf Establishment Plan
Next Steps Learning Center
Shakopee, MN

PROJECT NO:

202239

SHEET

C5

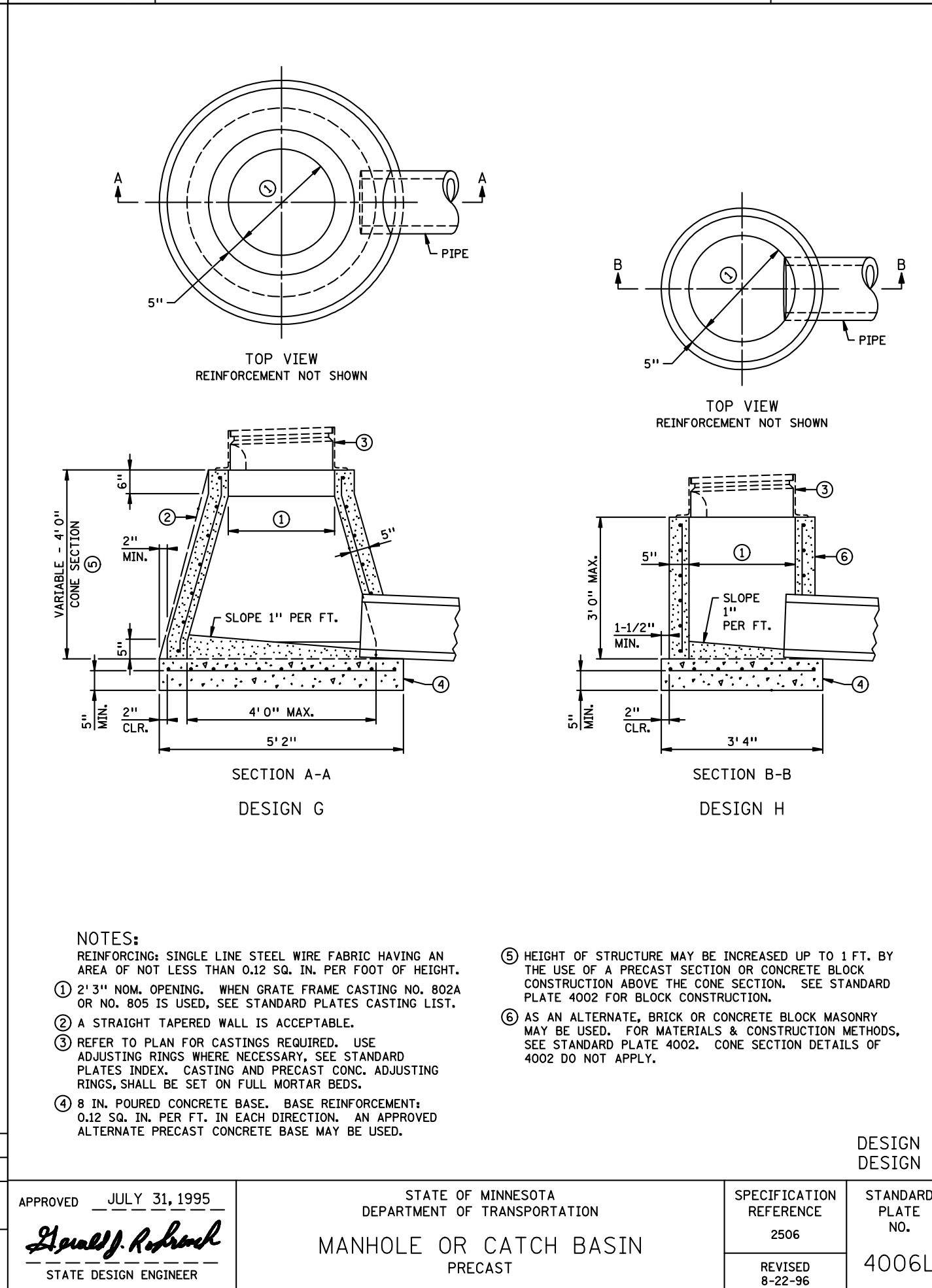
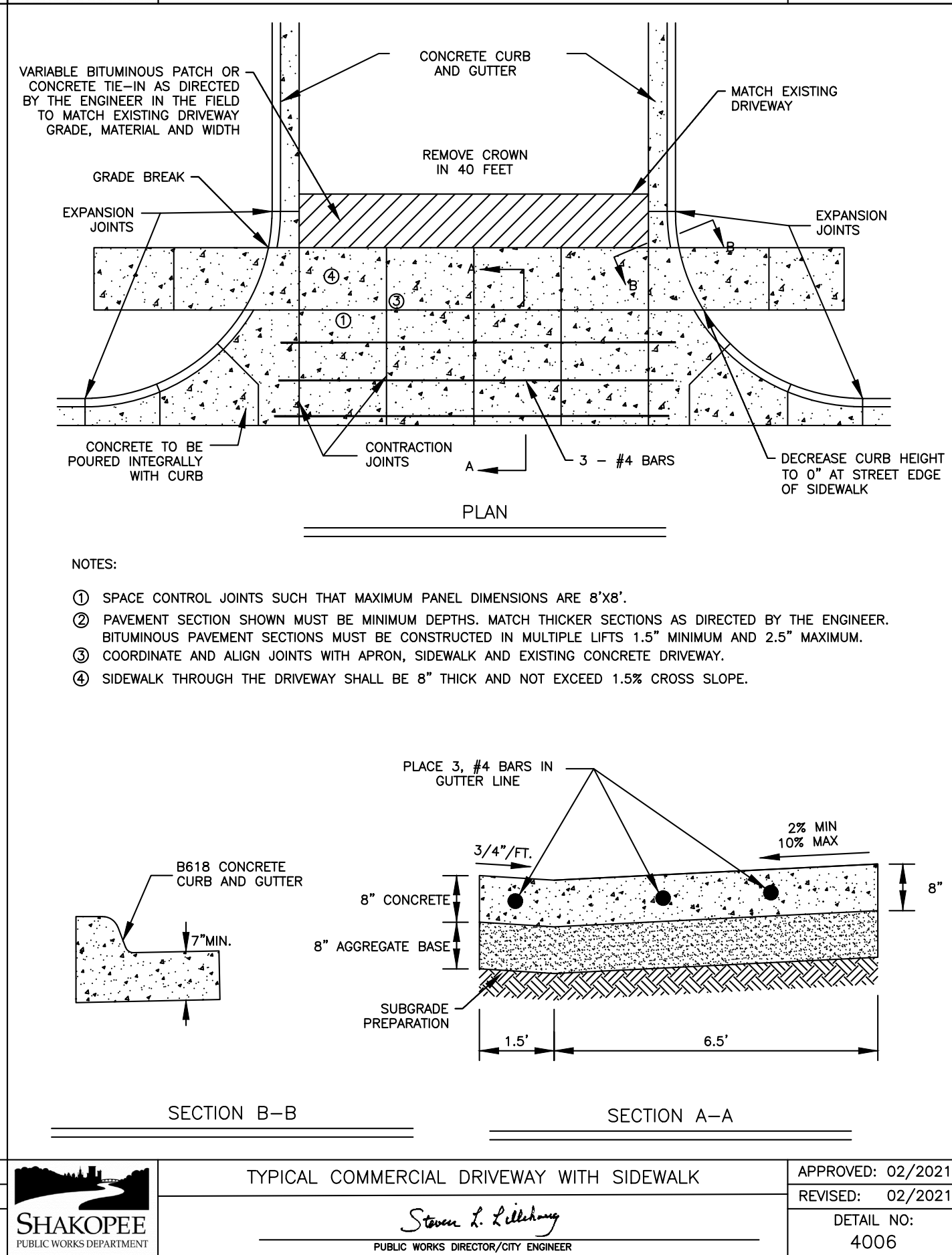
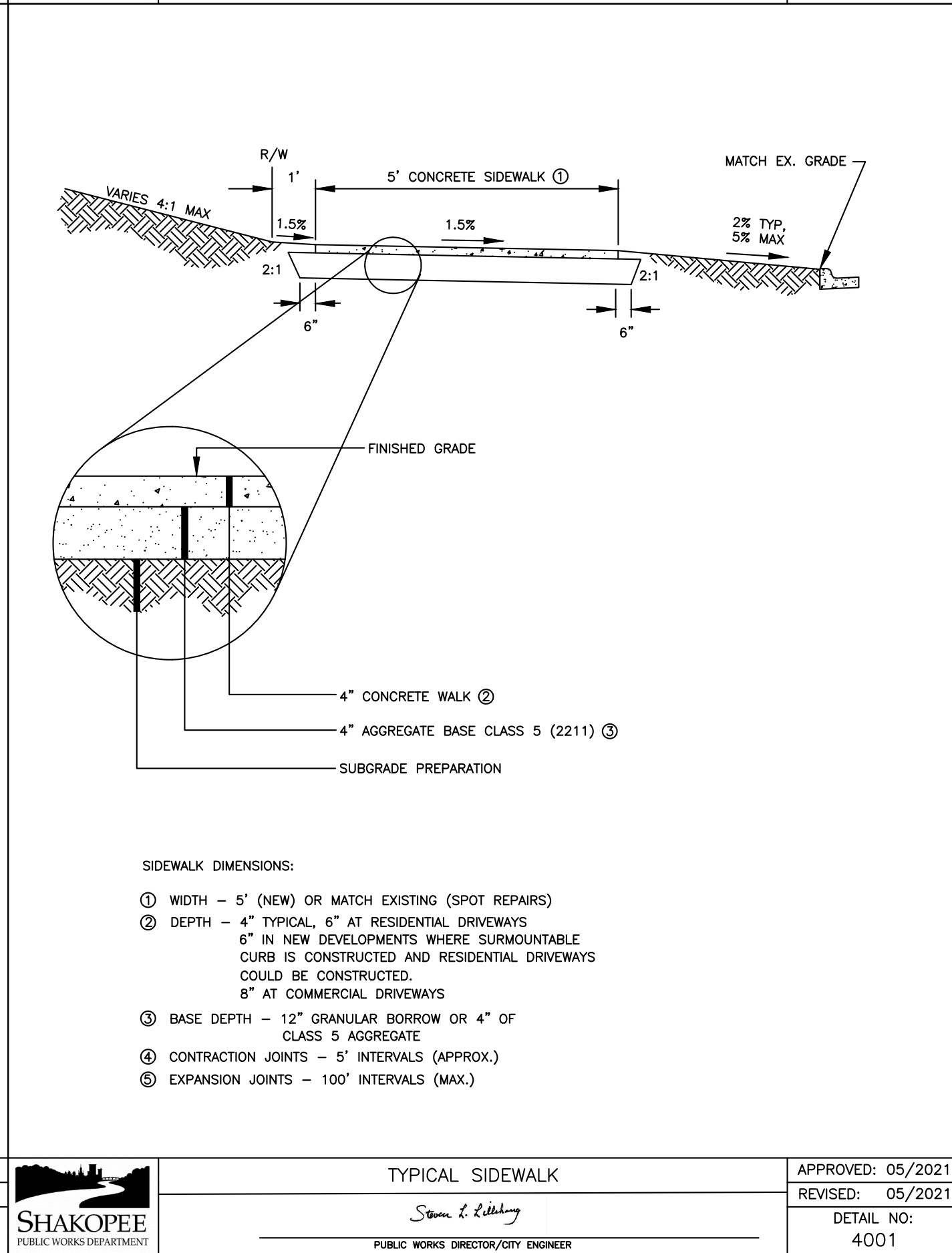
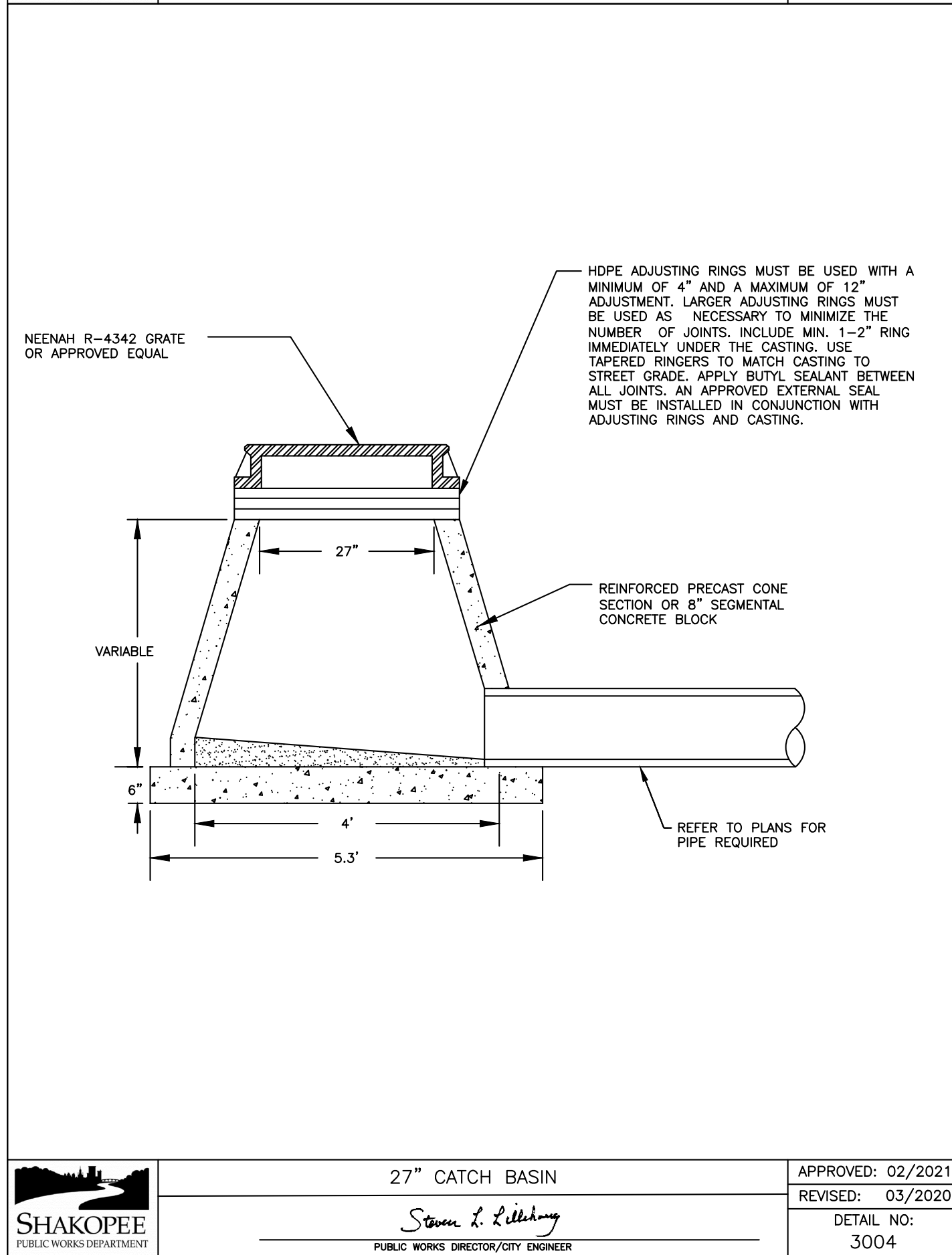


SHAKOPEE PUBLIC WORKS DEPARTMENT	STANDARD SANITARY MANHOLE	APPROVED: 02/2021 REVISED: 02/2021
	<i>Steven L. Lilling</i> PUBLIC WORKS DIRECTOR/CITY ENGINEER	DETAIL NO: 2001

SHAKOPEE PUBLIC WORKS DEPARTMENT	STANDARD MANHOLE FOR STORM SEWER	APPROVED: 02/2021 REVISED: 02/2021
	<i>Steven L. Lilling</i> PUBLIC WORKS DIRECTOR/CITY ENGINEER	DETAIL NO: 3001

SHAKOPEE PUBLIC WORKS DEPARTMENT	2' X 3' CATCH BASIN	APPROVED: 02/2021 REVISED: 02/2021
	<i>Steven L. Lilling</i> PUBLIC WORKS DIRECTOR/CITY ENGINEER	DETAIL NO: 3002

SHAKOPEE PUBLIC WORKS DEPARTMENT	CATCH BASIN MANHOLE	APPROVED: 02/2021 REVISED: 02/2021
	<i>Steven L. Lilling</i> PUBLIC WORKS DIRECTOR/CITY ENGINEER	DETAIL NO: 3003



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BY: _____ DATE: _____

REVISION: _____

DATE: _____

PREPARED FOR: **Matt Kerber**
3697 Levee Way
Chaska, MN 55318

SHEET TITLE & PROJECT: **Details**
Next Steps Learning Center
Shakopee, MN

PROJECT NO:
202239

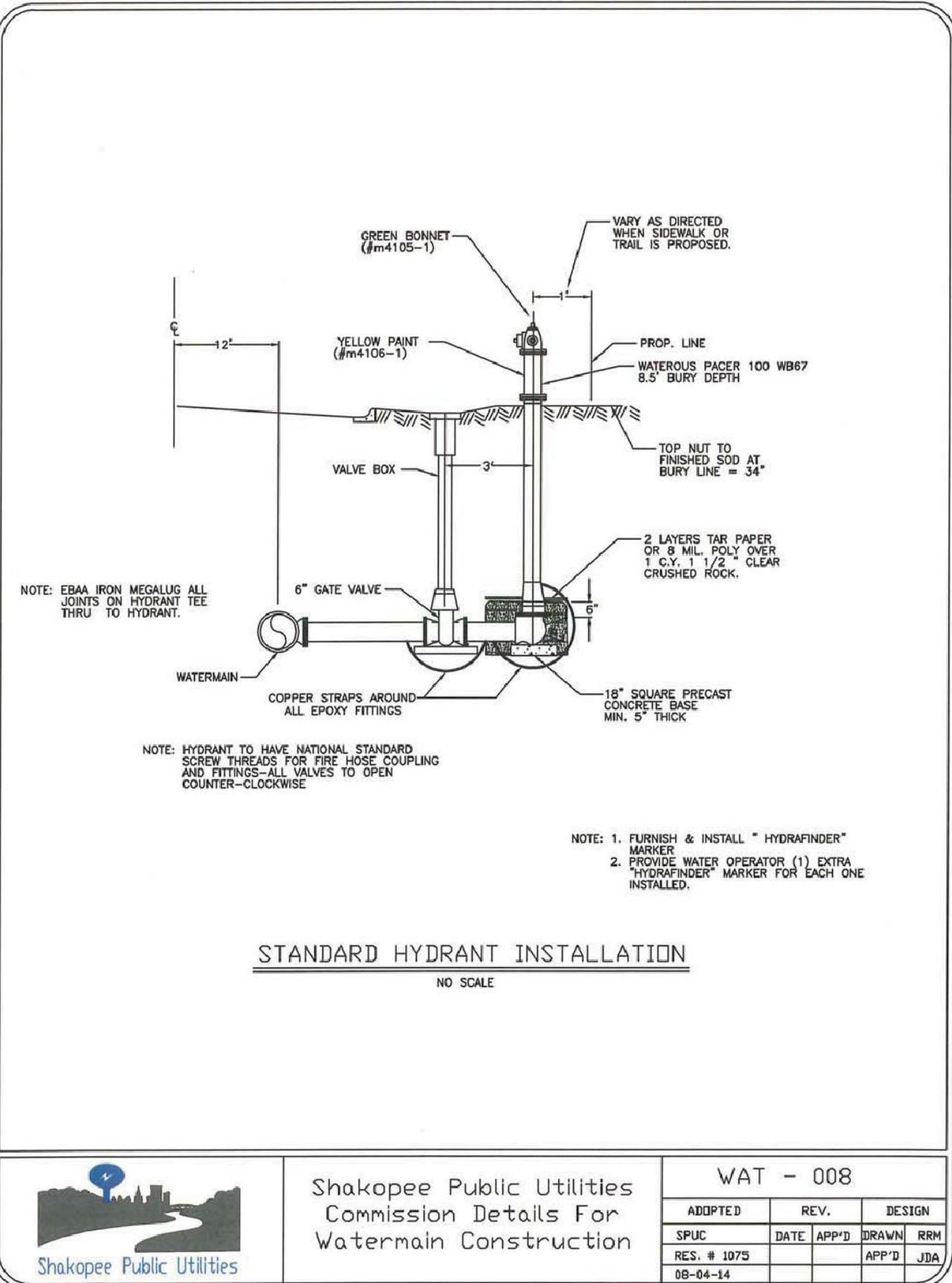
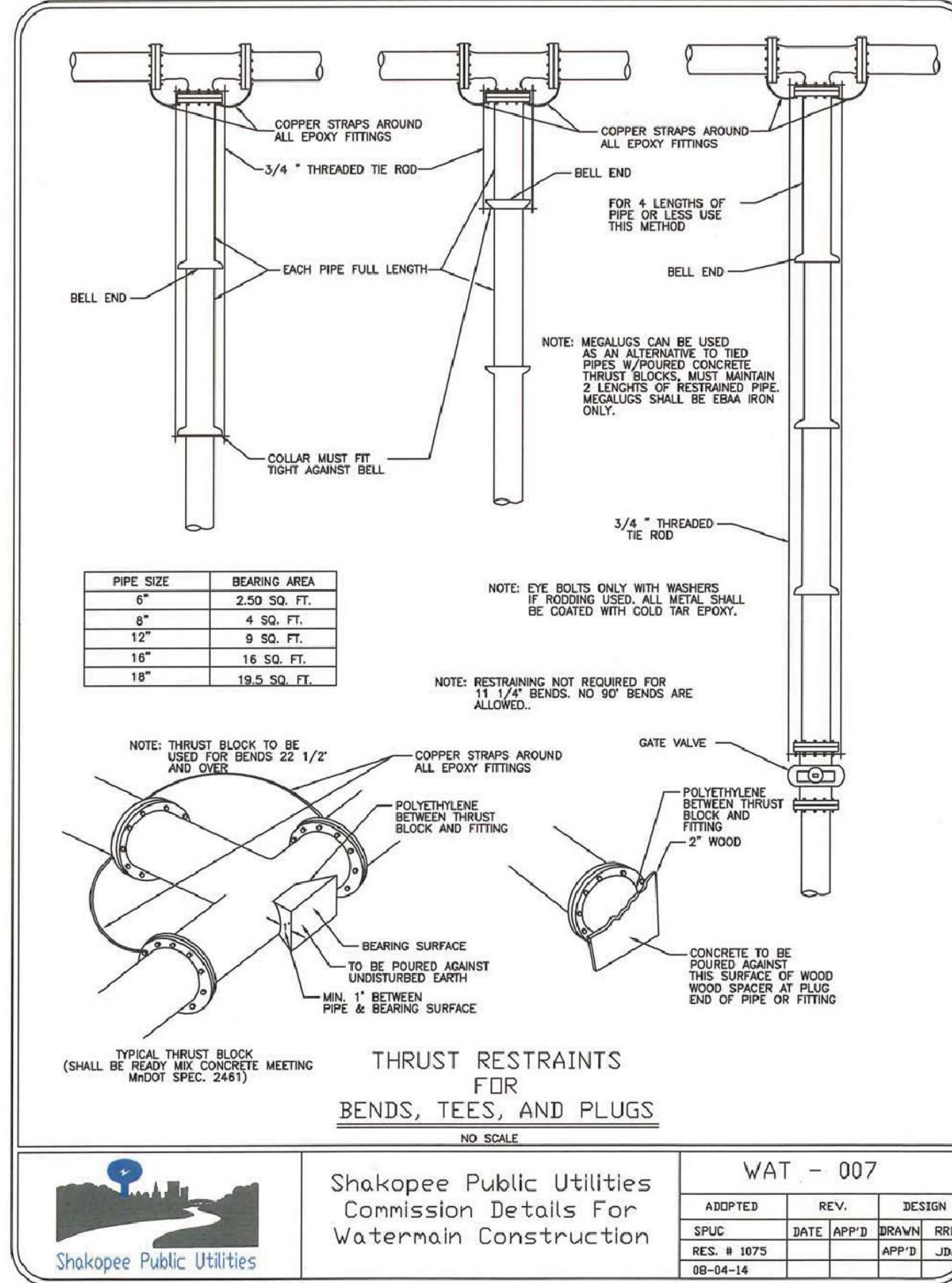
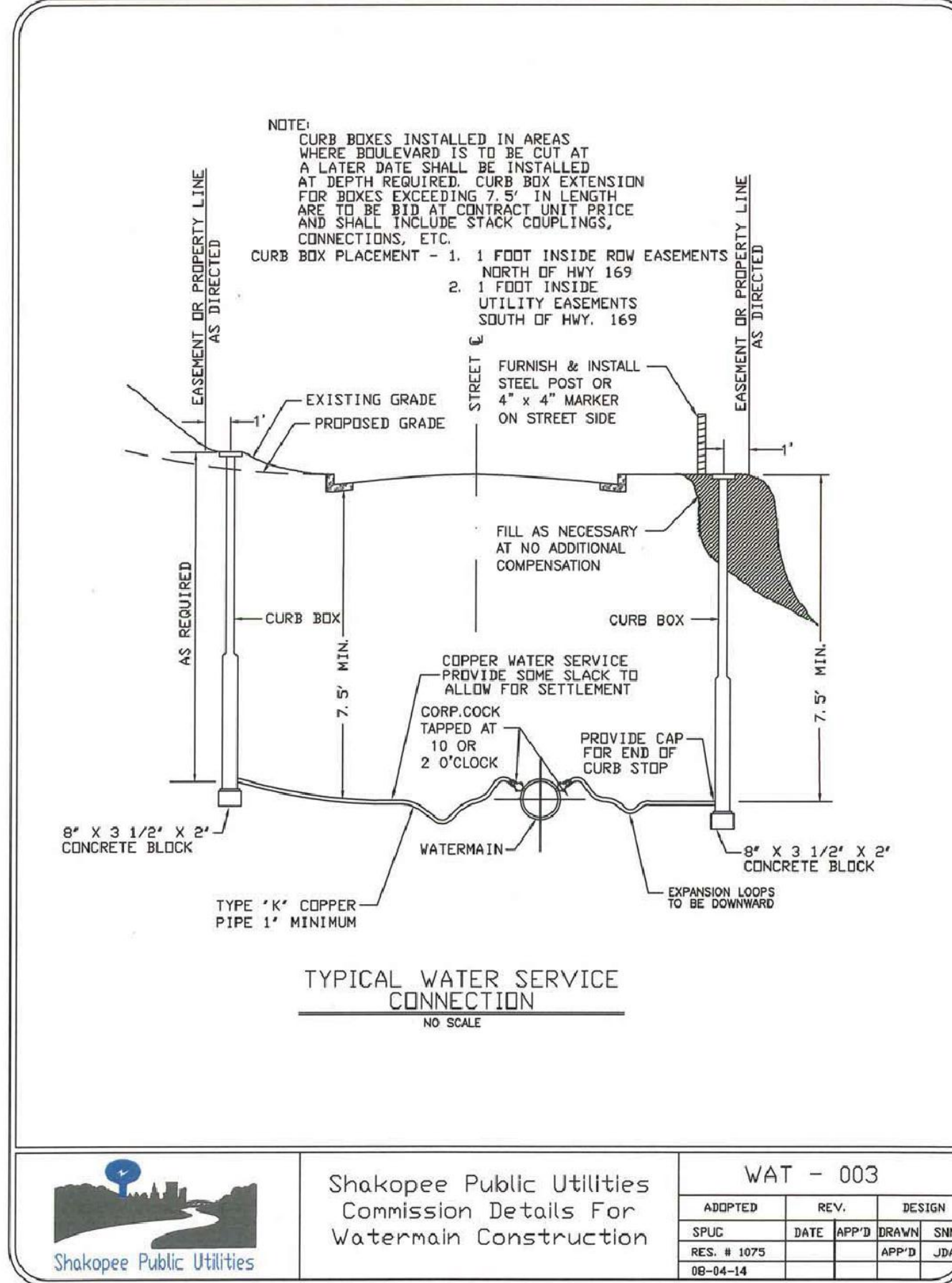
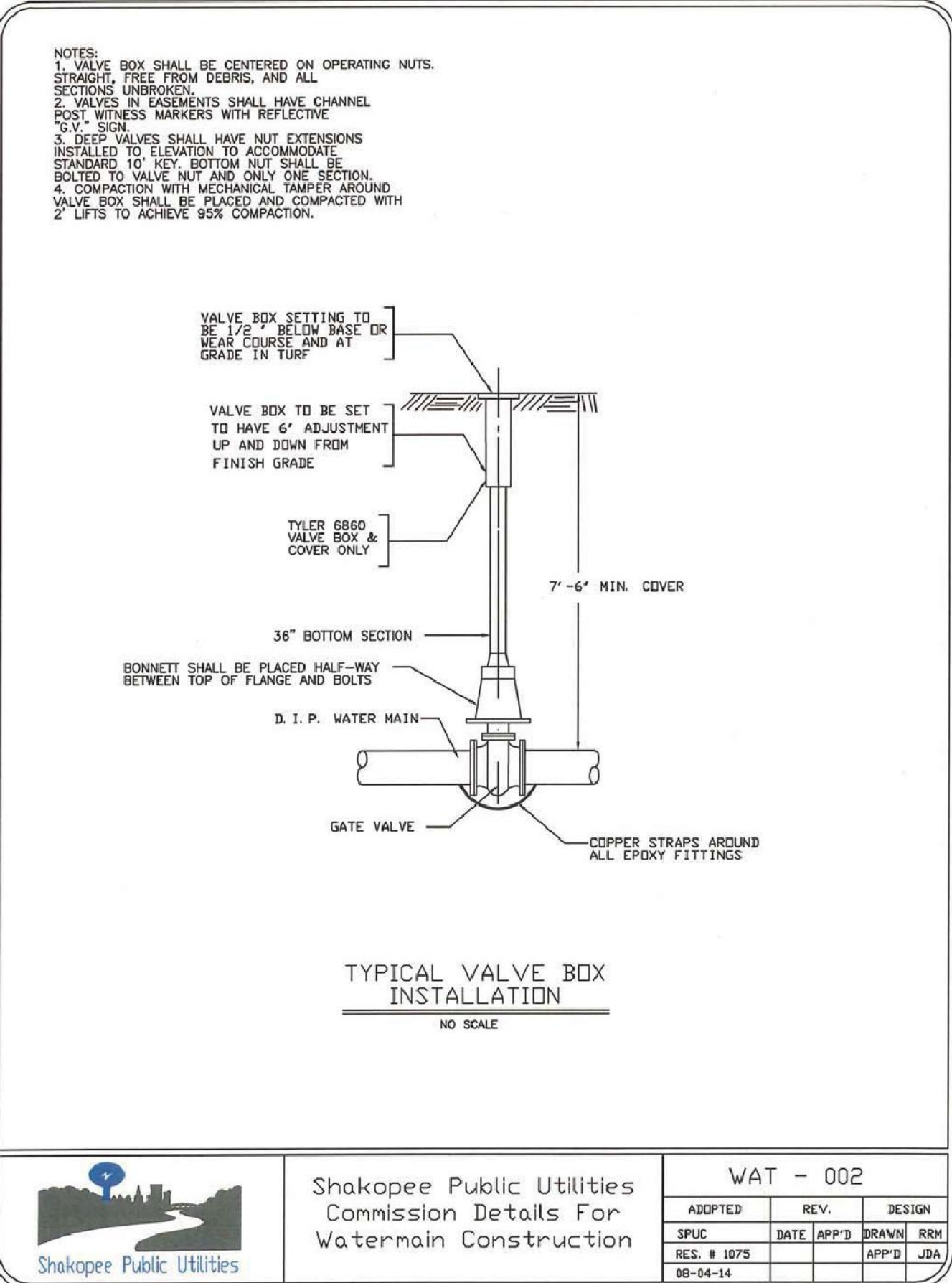
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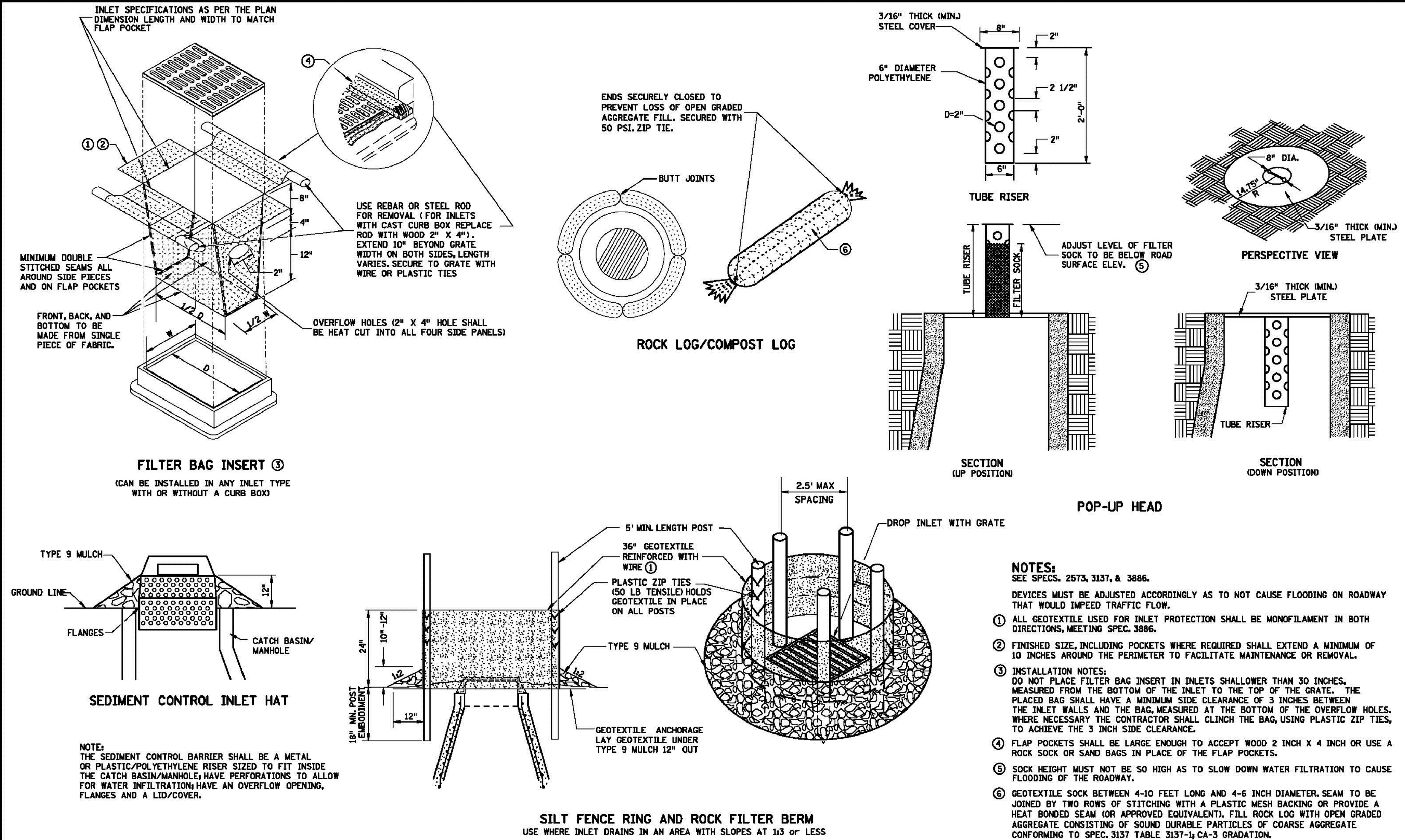
NOT FOR CONSTRUCTION

Curtiss J. Kallio, Lic. No. 26509

Date: _____



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PLOTTED/REVISED: 4-APR-2018



REVISION:
APPROVED: 2-28-2017
<i>[Signature]</i> CHIEF ENVIRONMENTAL OFFICER



STANDARD PLAN 5-297.405	4 OF 8
APPROVED: 2-28-2017	REVISED:
<i>[Signature]</i> STATE DESIGN ENGINEER	STATE PROJ. NO.

TEMPORARY SEDIMENT CONTROL
STORM DRAIN INLET PROTECTION
(T.H.) SHEET NO. OF SHEETS

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Chaska, MN 55318
612-418-6828

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NOT FOR CONSTRUCTION
Curtiss J. Kallio, Lic. No. 26809
Date

PREPARED FOR:

Matt Kerber
3697 Lerive Way
Chaska, MN 55318

SHEET TITLE & PROJECT:

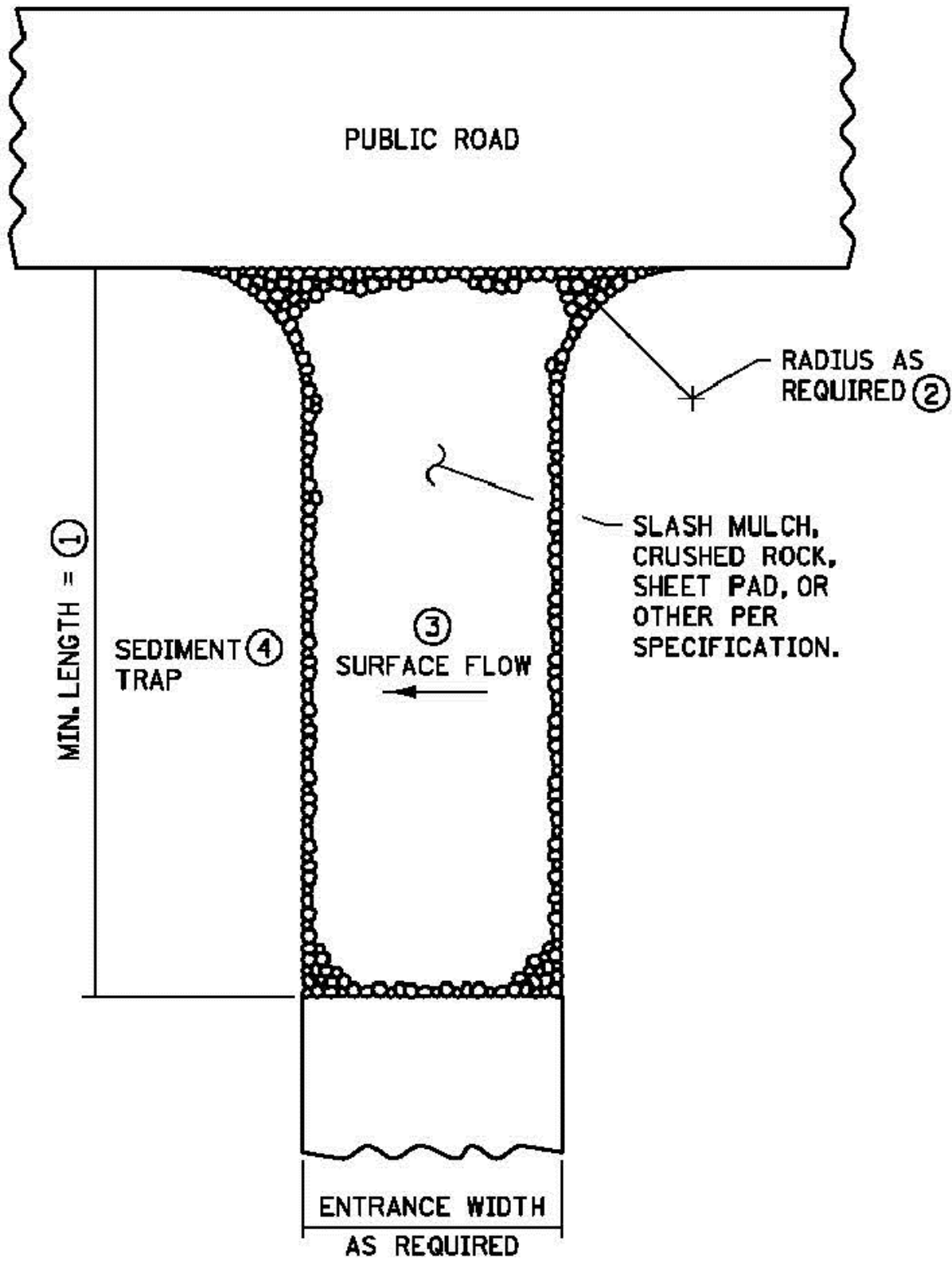
Erosion Control Details
Next Steps Learning Center
Shakopee, MN

PROJECT NO:
202239

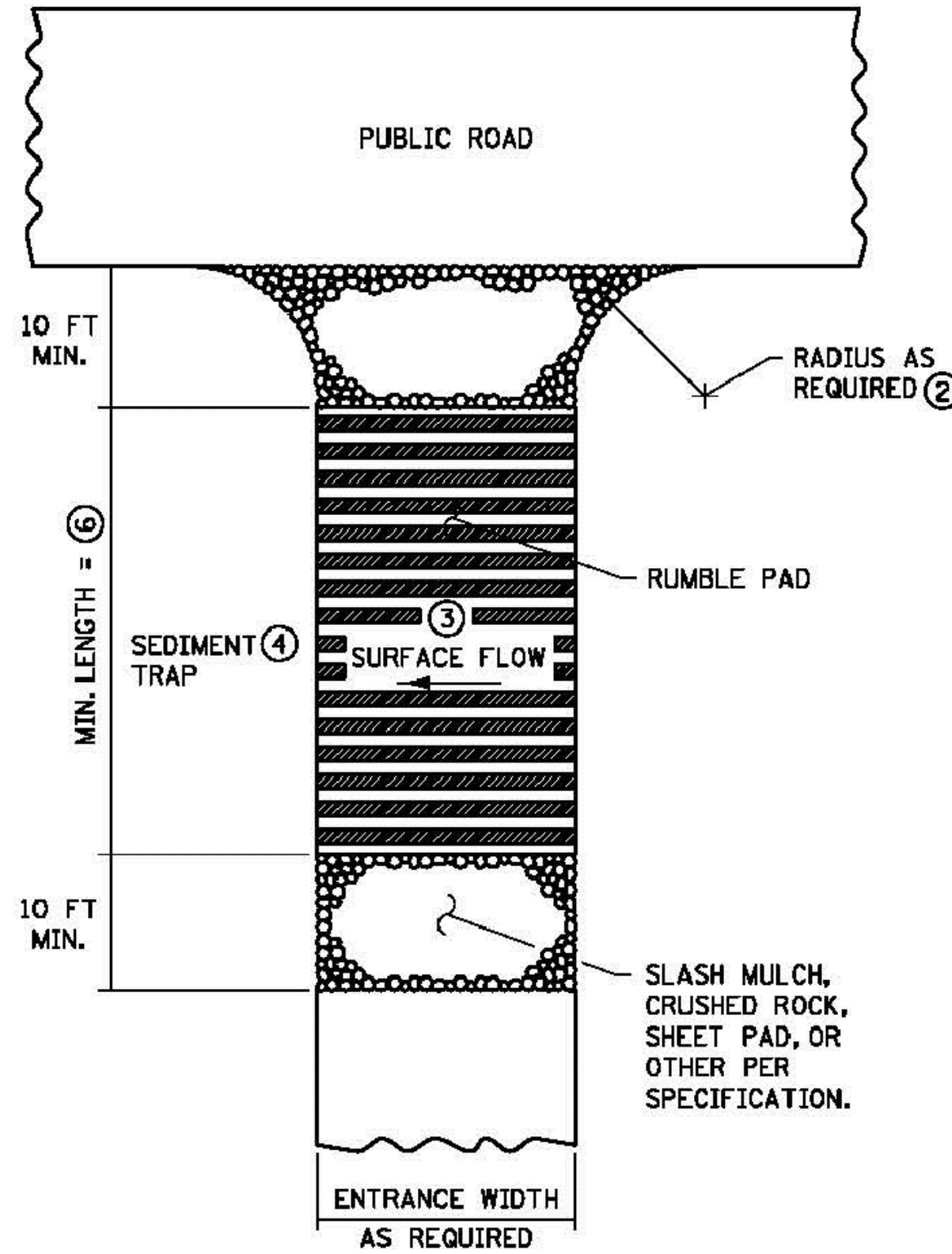
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PLOTTED/REVISED: 4-APR-2018

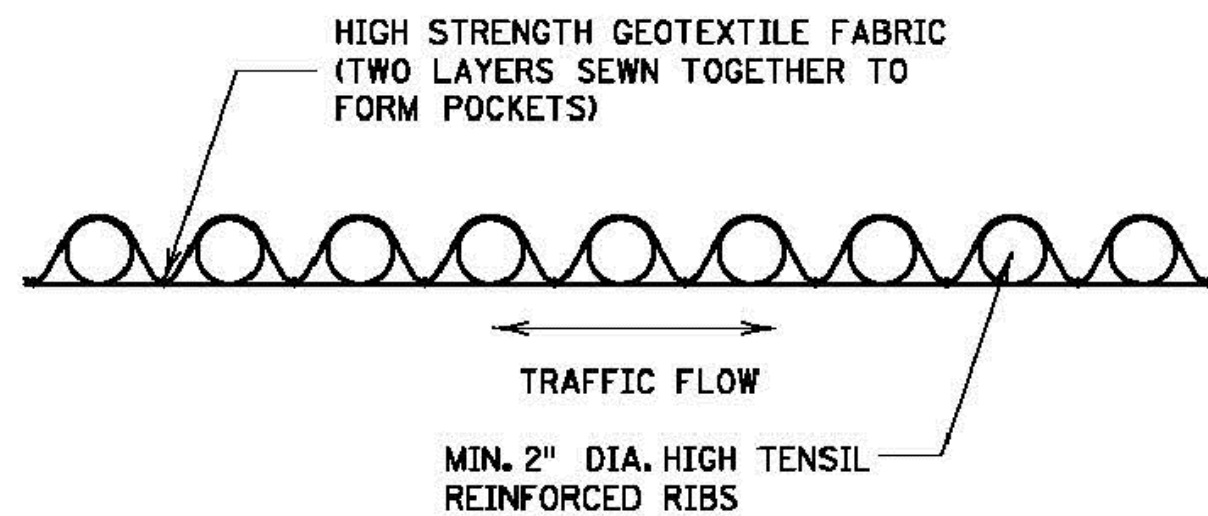
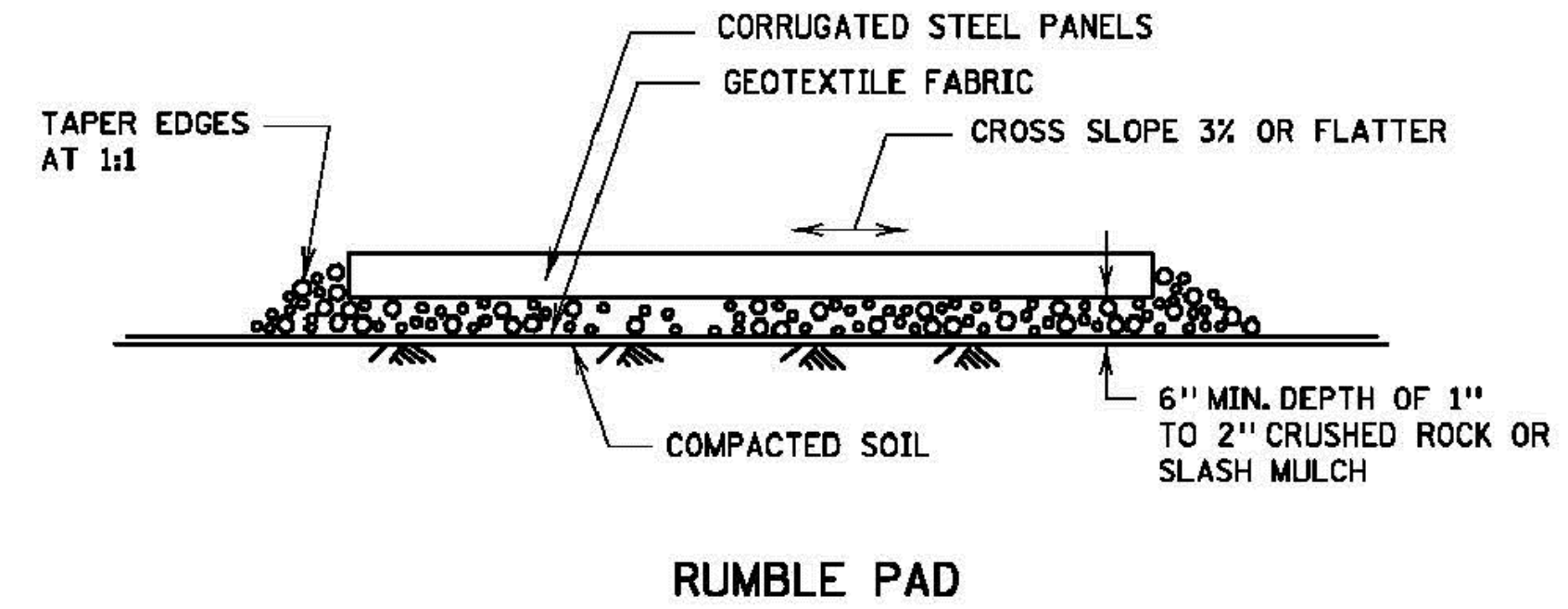
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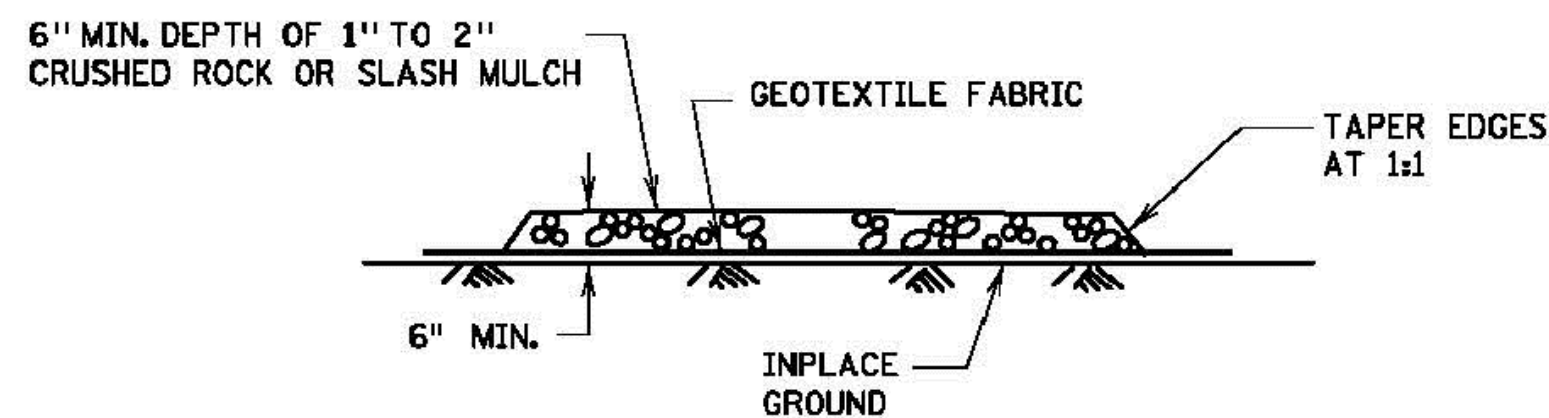
SLASH MULCH, CRUSHED ROCK, OR SHEET
PAD CONSTRUCTION EXIT ⑤⑦



RUMBLE PAD
CONSTRUCTION EXIT ⑤⑦



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.

REVISION:
APPROVED: 2-28-2017
<i>[Signature]</i> CHIEF ENVIRONMENTAL OFFICER



STANDARD PLAN 5-297.405	5 OF 8
APPROVED: 2-28-2017	REVISED:
<i>[Signature]</i> STATE DESIGN ENGINEER	STATE PROJ. NO.

TEMPORARY SEDIMENT CONTROL

STABILIZED CONSTRUCTION EXIT

(T.H.) SHEET NO. OF SHEETS



LAND SURVEYING
& ENGINEERING

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Chaska, MN 55318
612-418-6828

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NOT FOR CONSTRUCTION
Curtiss J. Kallio, Lic. No. 26809
Date

DATE	REVISION	BY

PREPARED FOR:
Matt Kerber
3697 Lerive Way
Chaska, MN 55318

Erosion Control Details
Next Steps Learning Center
Shakopee, MN

PROJECT NO:
202239

SHEET

C9



LAND SURVEYING
& ENGINEERING

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BY: _____
DATE: _____
REVISION: _____
DATE: _____

PREPARED FOR:
Matt Kerber
3697 Levee Way
Chaska, MN 55318

SHEET TITLE & PROJECT:
Erosion Control Details
Next Steps Learning Center
Shakopee, MN

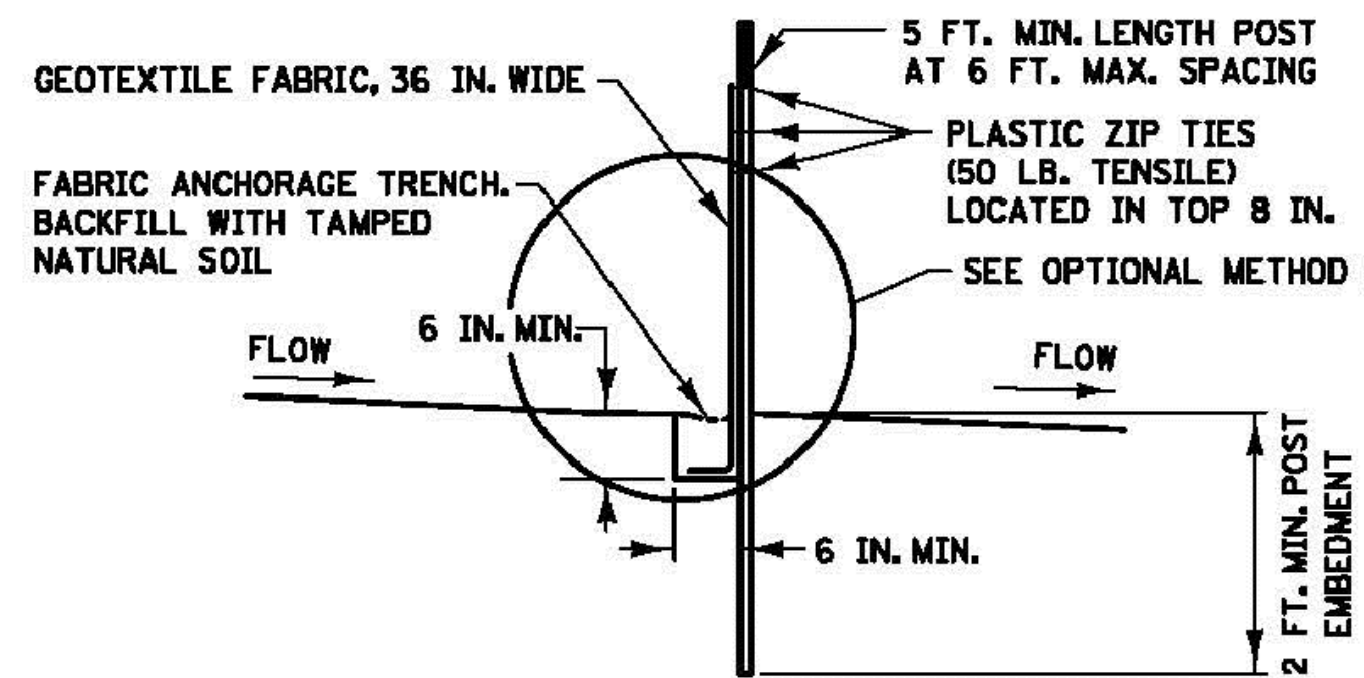
PROJECT NO:
202239

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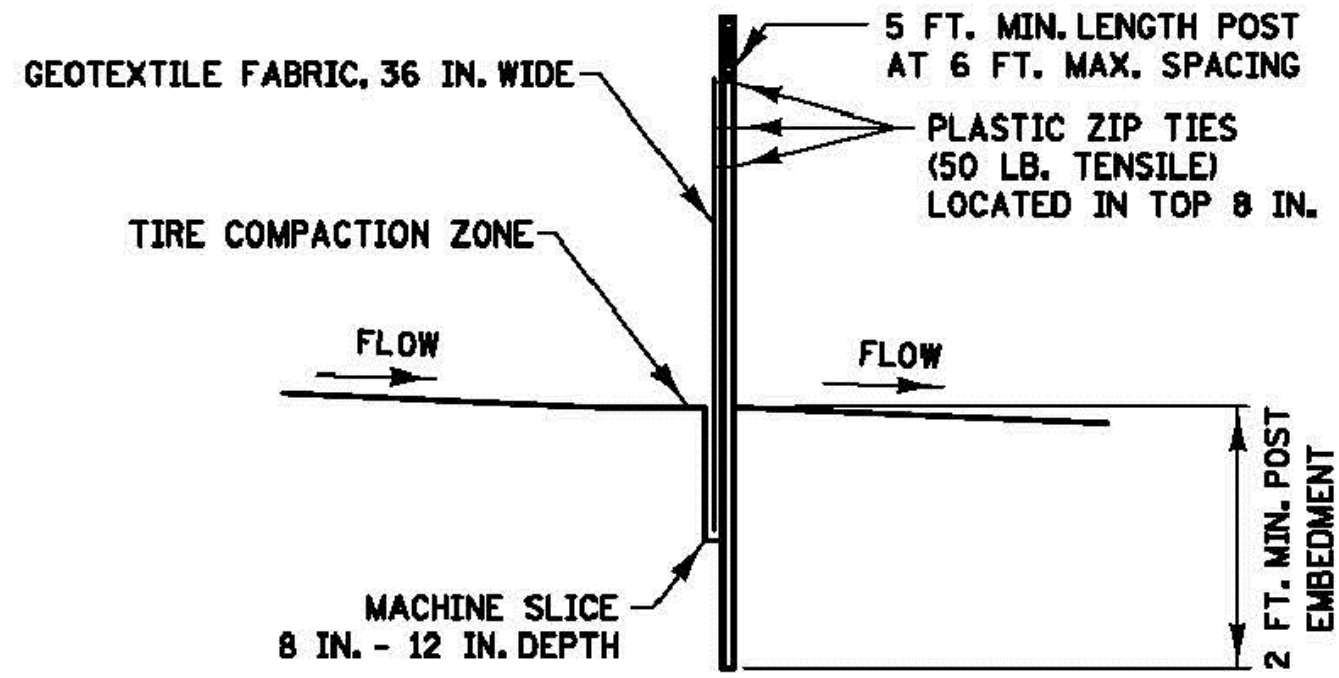
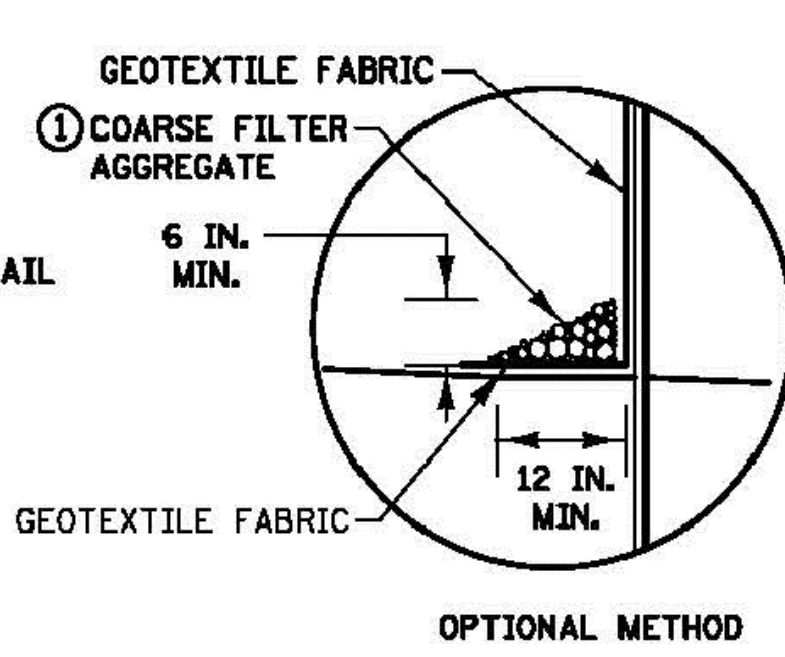
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PLOTTED/REVISED: 4-APR-2018

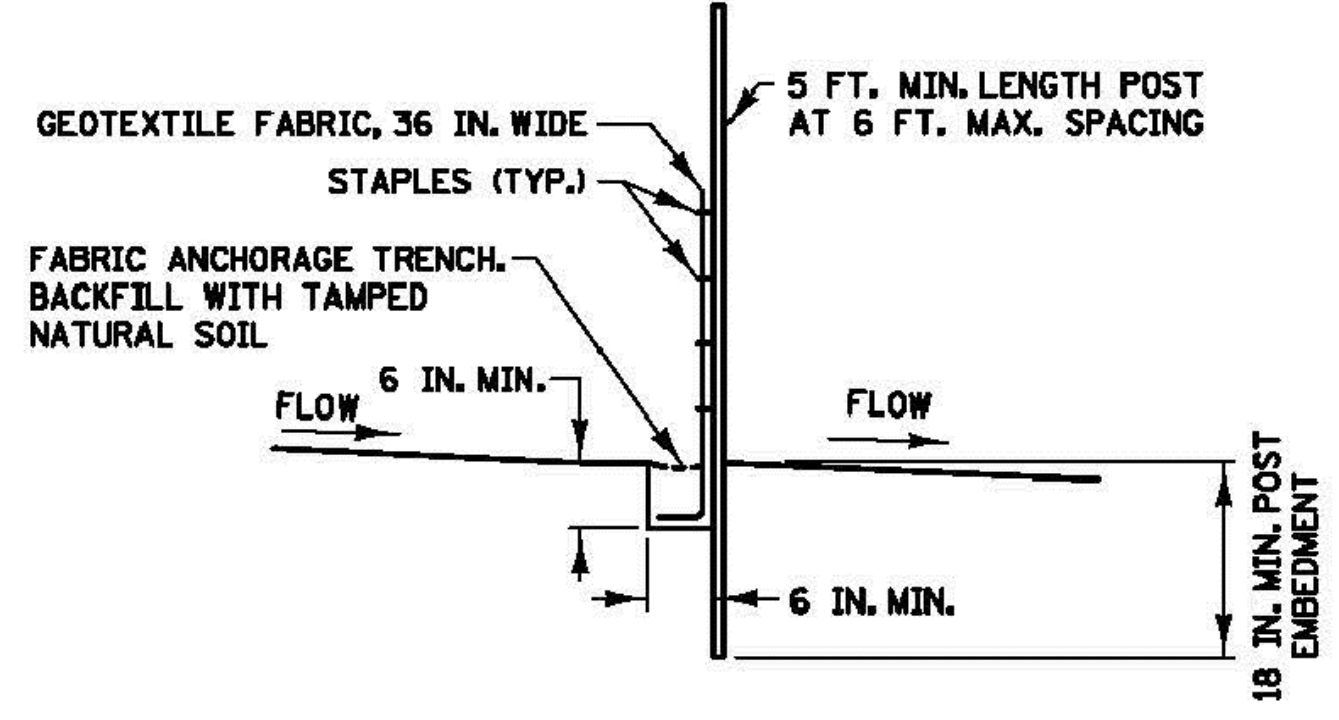
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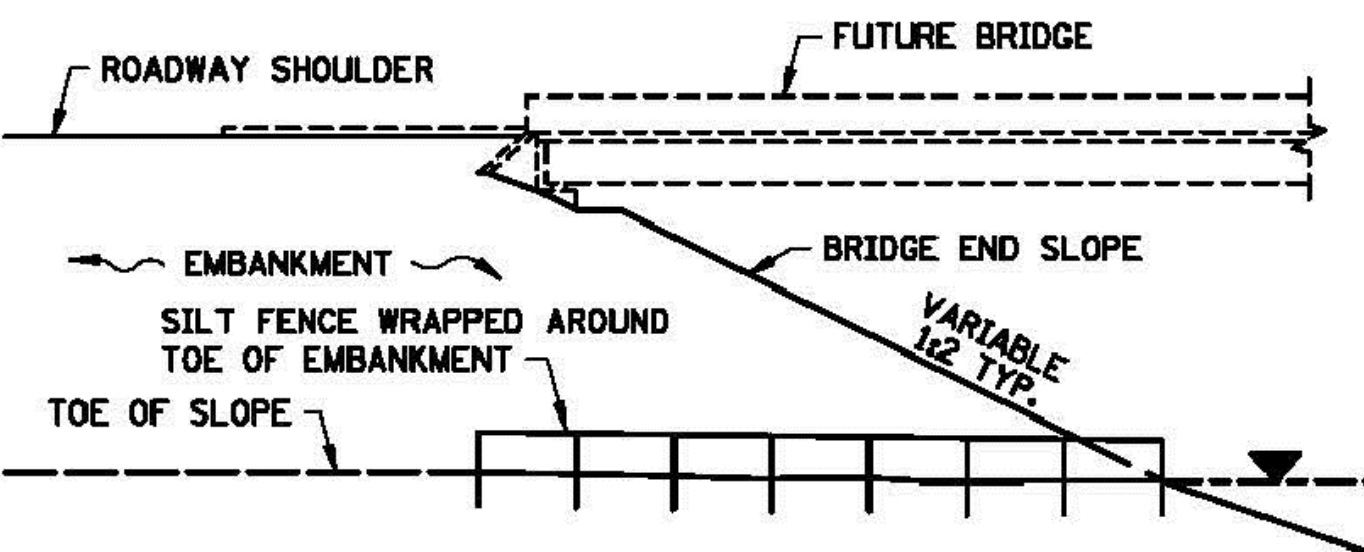
**SILT FENCE TYPE HI ②
(HAND INSTALLED)**



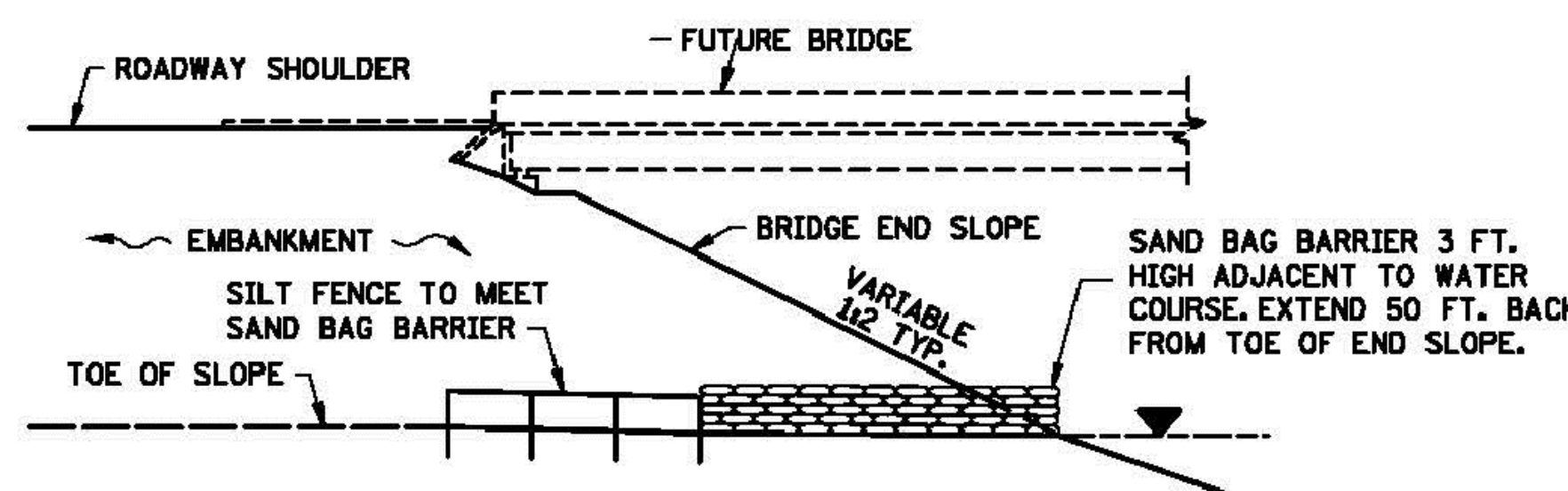
**SILT FENCE TYPE MS ②
(MACHINE SLICED)**



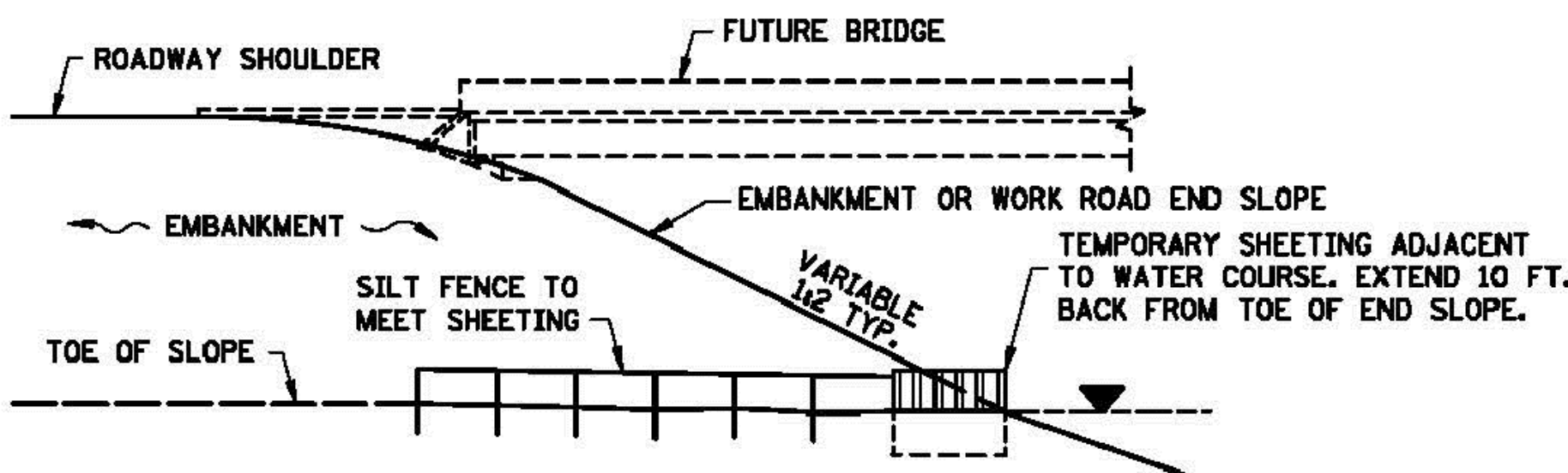
**SILT FENCE TYPE PA ③
(PREASSEMBLED)**



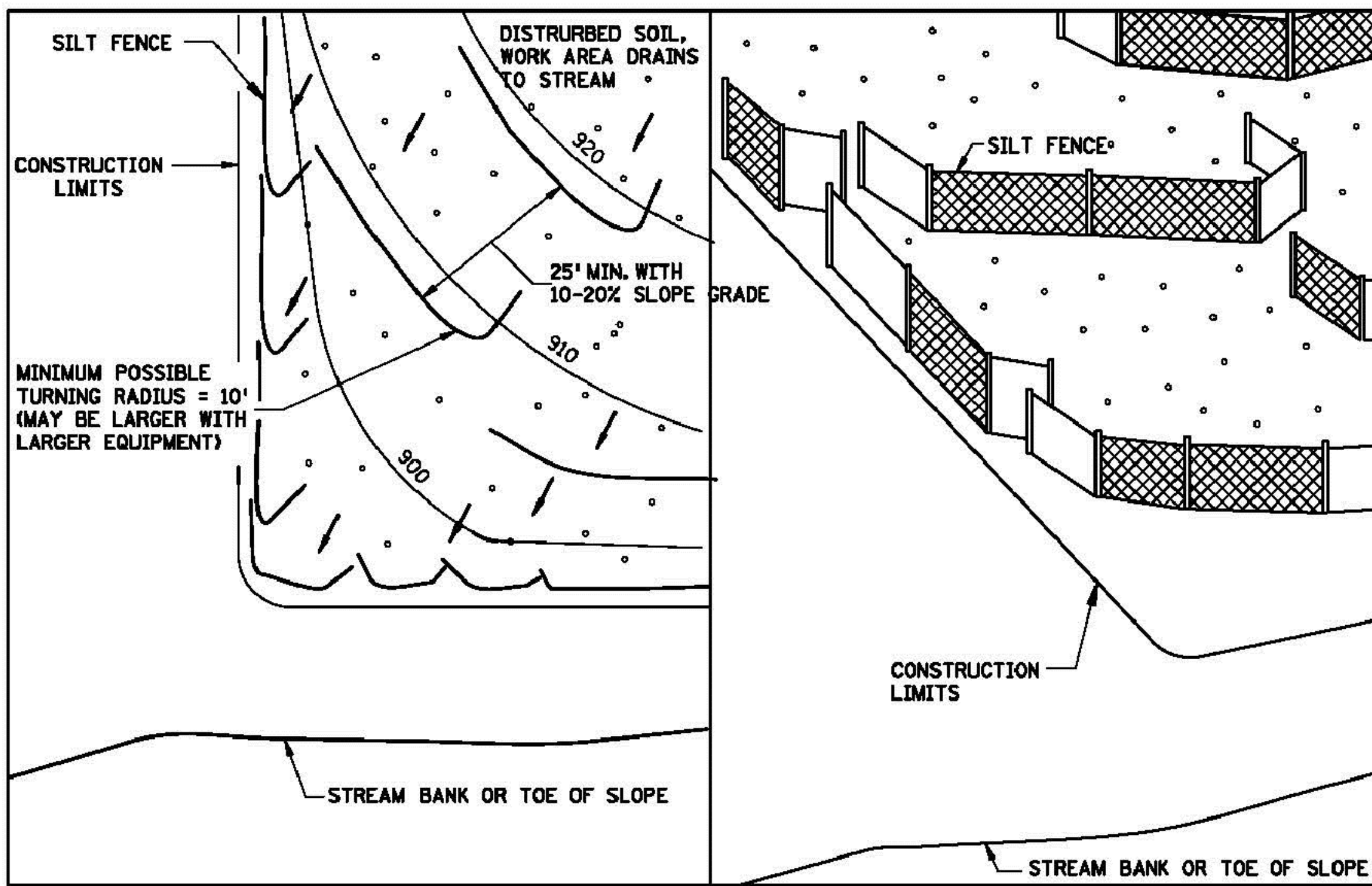
SILT FENCE ONLY ④



**SILT FENCE WITH SAND BAGS ⑤
INSTALLATION AT BRIDGE EMBANKMENT ADJACENT TO WATER**



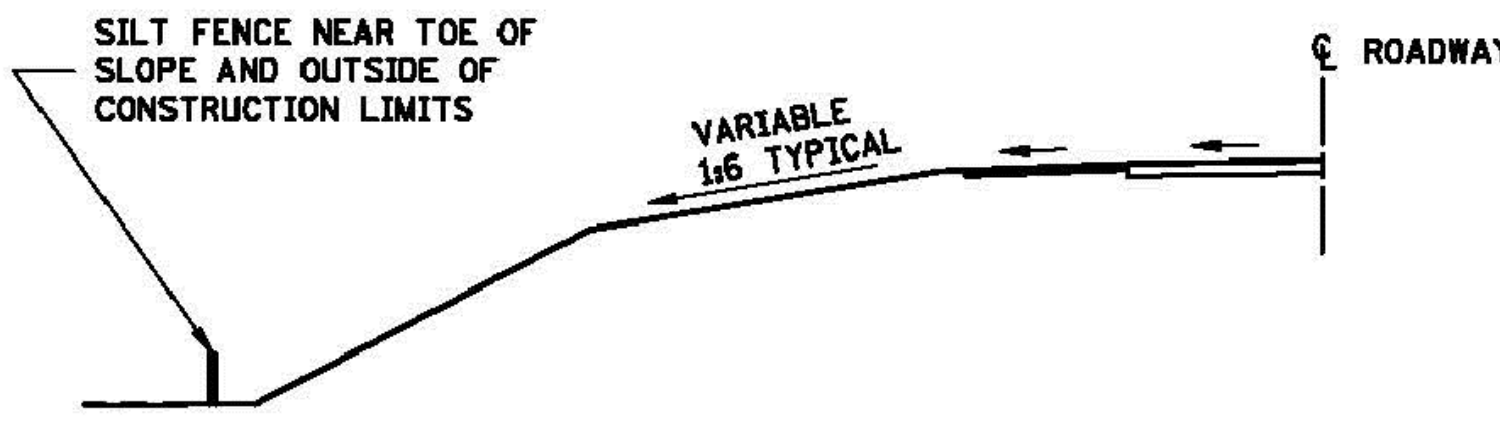
SILT FENCE WITH SHEETING ⑥



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.

REVISION:
APPROVED: 2-28-2017
[Signature]
CHIEF ENVIRONMENTAL OFFICER

m
MINNESOTA
DEPARTMENT
OF
TRANSPORTATION

STANDARD PLAN 5-297.405 6 OF 8
APPROVED: 2-28-2017
REVISOR:
[Signature]
STATE DESIGN ENGINEER
STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

**TEMPORARY SEDIMENT CONTROL
SILT FENCE**