

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 Lerive 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



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.

NOT FOR CONSTRUCTION
Curtis J. Kallio, Lic. No. 26909

Date

DATE	REVISION	BY

Matt Kerber
3697 Lerive Way
Chaska, MN 55318

PREPARED FOR:

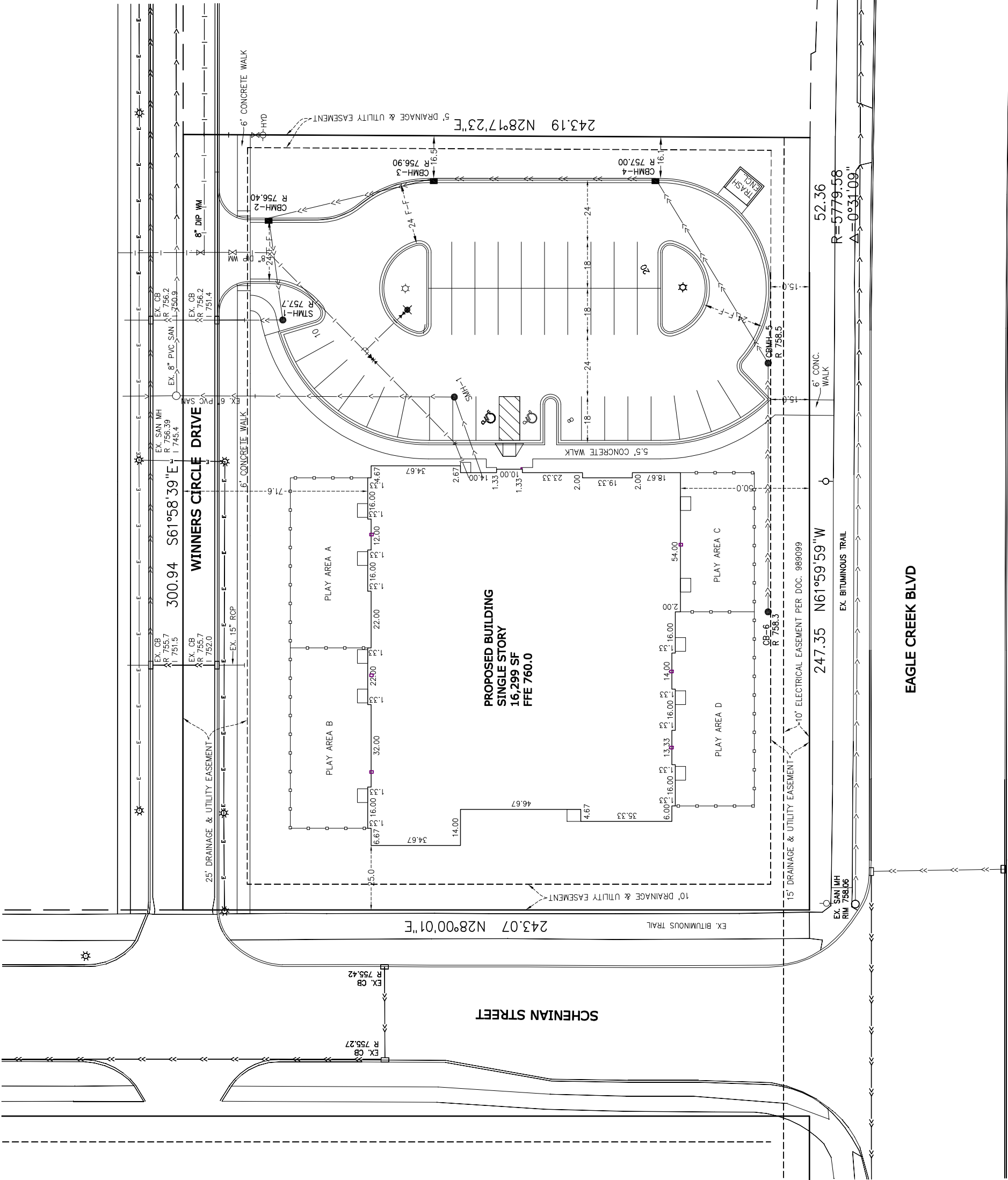
SHEET TITLE & PROJECT:

Site Plan
Next Steps Learning Center
Shakopee, MN

PROJECT NO:
202239

SHEET

C1

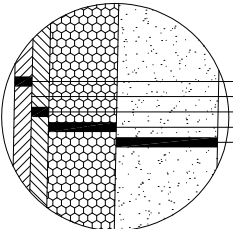


GRADING NOTES

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.

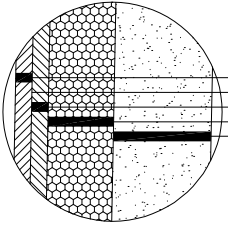
LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- CONSTRUCTION LIMITS
- SF
- BR
- INLET PROTECTION
- PROPOSED FINISHED GRADE ELEVATION
- PROPOSED CURB ELEV.
- PROPOSED GUTTER ELEV.
- ROOF DRAINAGE DIRECTION
- DRAINAGE ARROW
- SANITARY SEWER
- WATERMAIN
- STORM SEWER
- EXISTING SPOT ELEVATION
- CONSTRUCTION EXIT



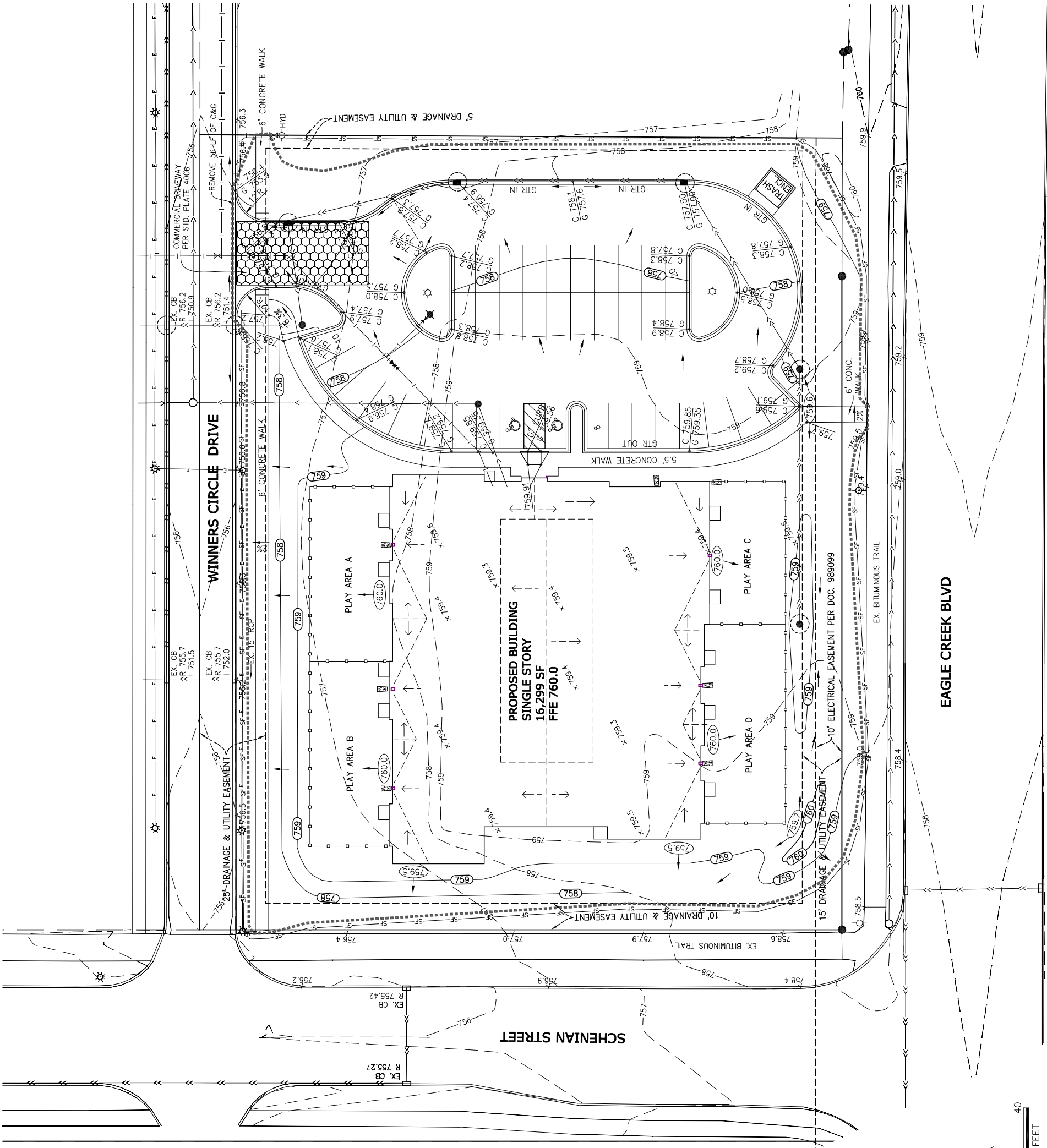
LIGHT DUTY PAVEMENT SECTION

DESIGN PER BRAUN INTERTEC REPORT DATED 4/24/2019
LIGHT DUTY PAVEMENT FOR PARKING STALLS



MEDIUM DUTY PAVEMENT SECTION

DESIGN PER BRAUN INTERTEC REPORT DATED 4/24/2019
MEDIUM DUTY PAVEMENT FOR DRIVE LANES





LAND SURVEYING
& ENGINEERING

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

DATE

REVISION

BY

NOT FOR CONSTRUCTION

Curtiss J. Kallio, Lic. No. 26909

Date

PREPARED FOR:

Matt Kerber
3697 Lertive Way
Chaska, MN 55318

SHEET TITLE & PROJECT:

Grading, Drainage, and
Erosion Control Plan

Next Steps Learning Center
Shakopee, MN

PROJECT NO:

202239

SHEET

C2



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.

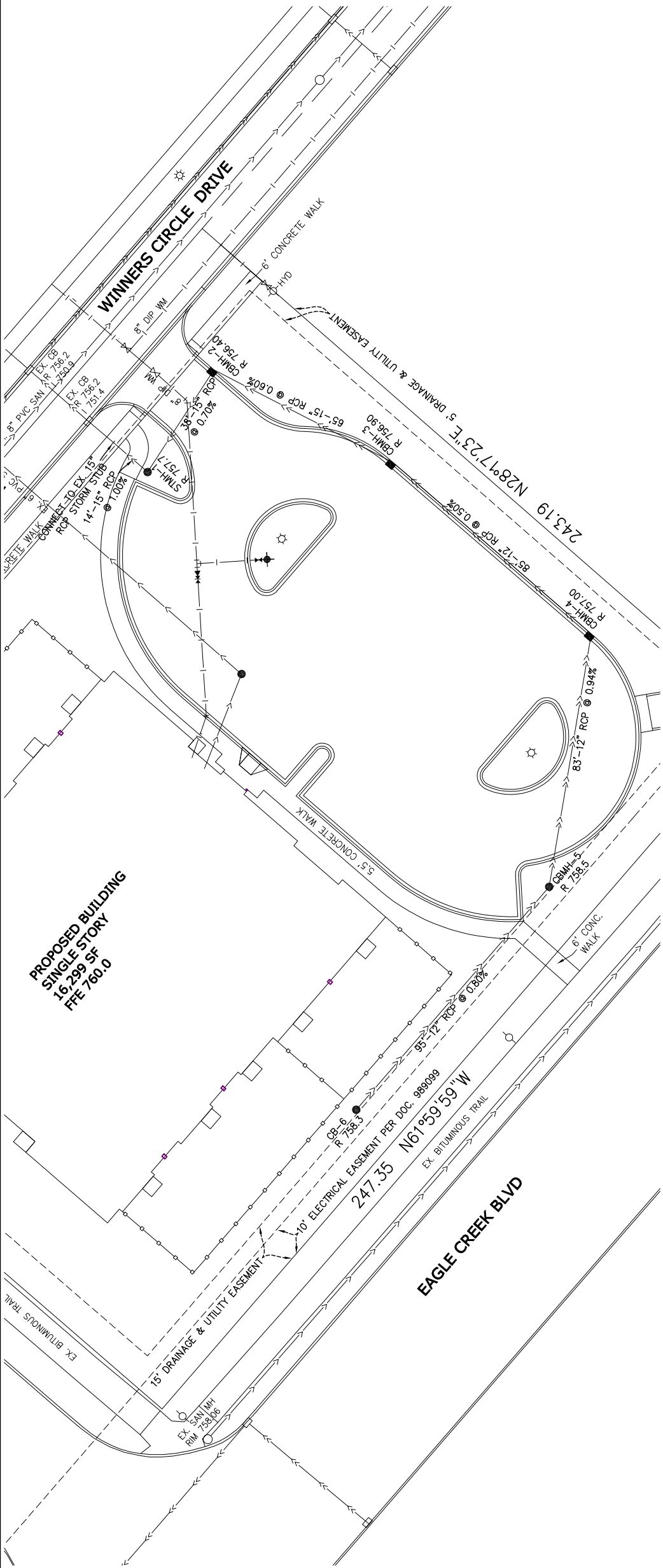
DATE	REVISION	BY

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

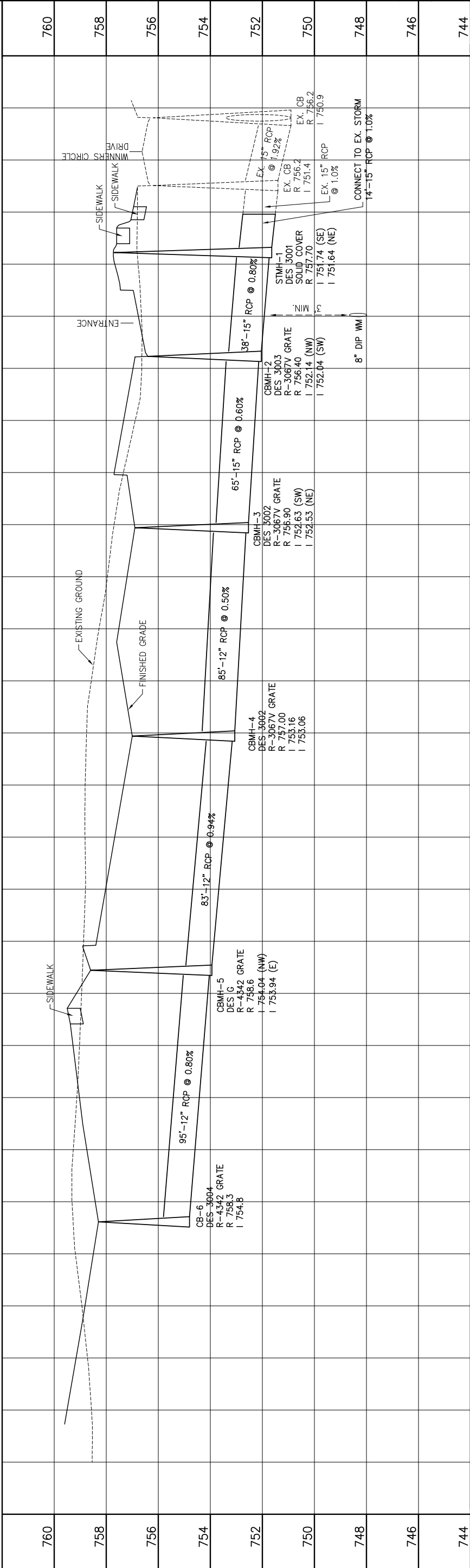
Storm Sewer Plan
 TITLE & PROJECT:
 Next Steps Learning Center
 Shakopee, MN

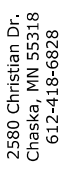
PROJECT NO:
202239

3



STORM SEWER FROM SOUTH SIDE OF BUILDING TO EXISTING STUB





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

DATE	REVISION	BY

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

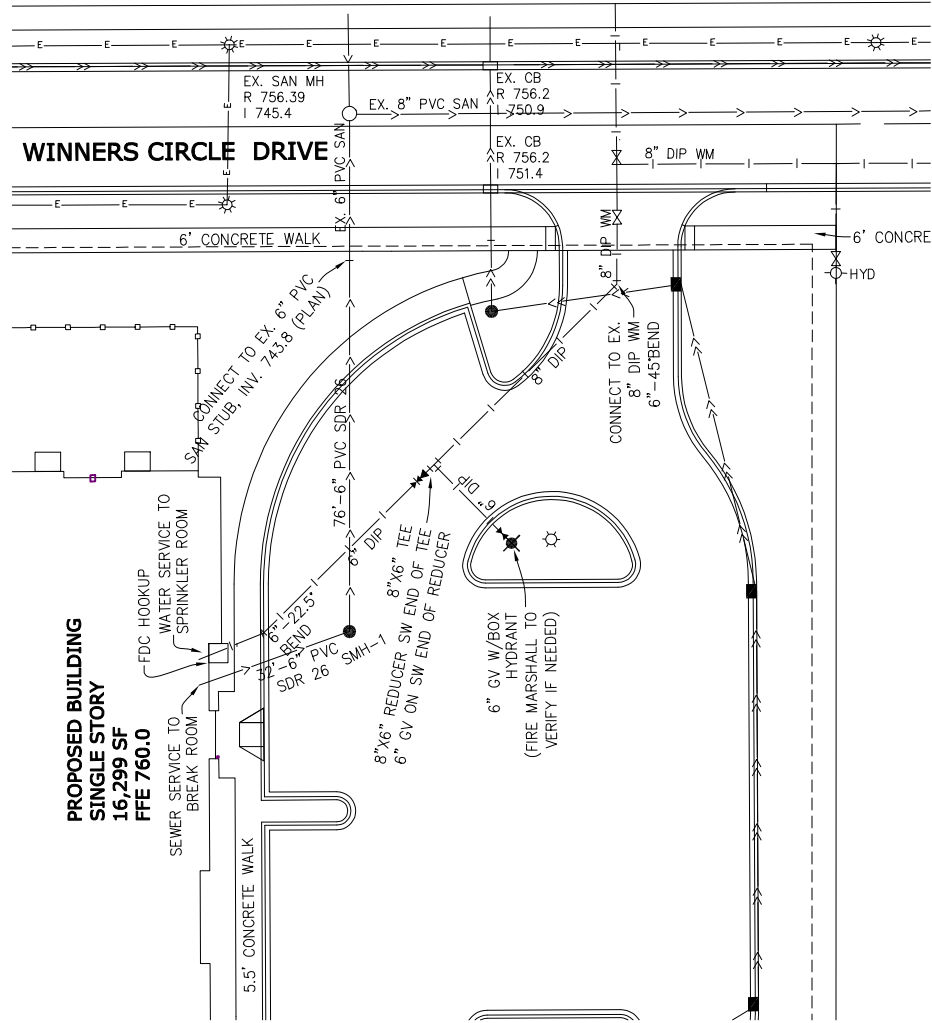
TLE & PROJECT:

Utility Plan

Next Steps Learning Center
Shakopee, MN

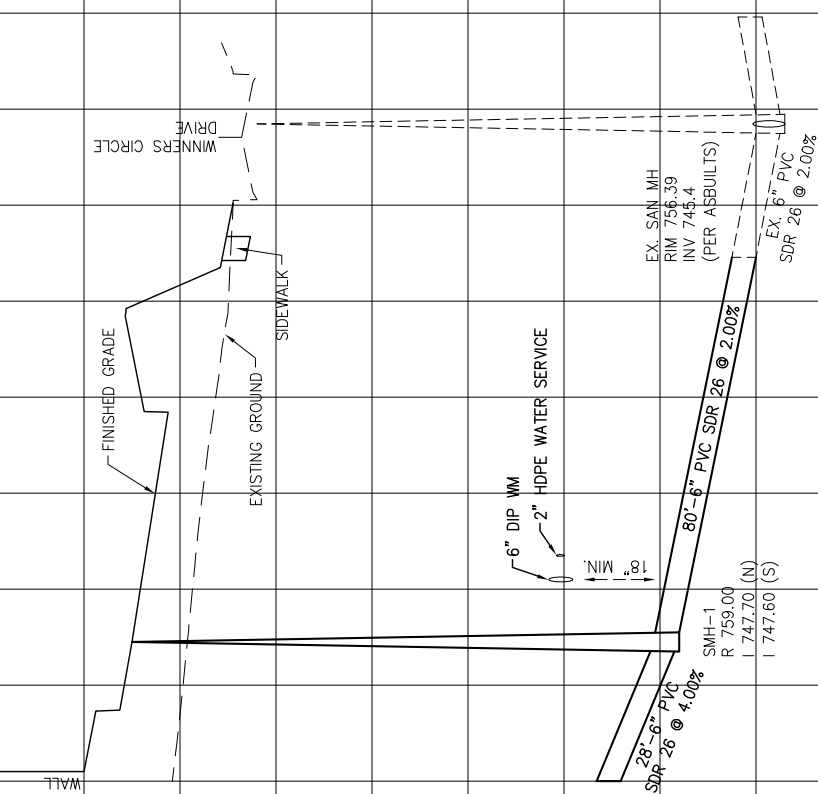
PROJECT NO:
202239

C4



SANITARY SERVICE

2 FT VERT. 20 FT HOR.



PROPOSED BUILDING WALL

FINISHED GRADE

EXISTING GROUND

SIDEWALK

WINNERS CIRCLE DRIVE

6" DIP WM

2" HDPE WATER SERVICE

18" MIN.

SMH-1
R 759.00
I 747.70 (N)
I 747.60 (S)

28"-6" PVC
SDR 26 @ 4.00%

80"-6" PVC SDR 26 @ 2.00%

EX. SANI MH
RIM 756.39
INV 743.4
(PER ASSULTS)

EX. 6" PVC
SDR 26 @ 2.00%

760

758

756

754

752

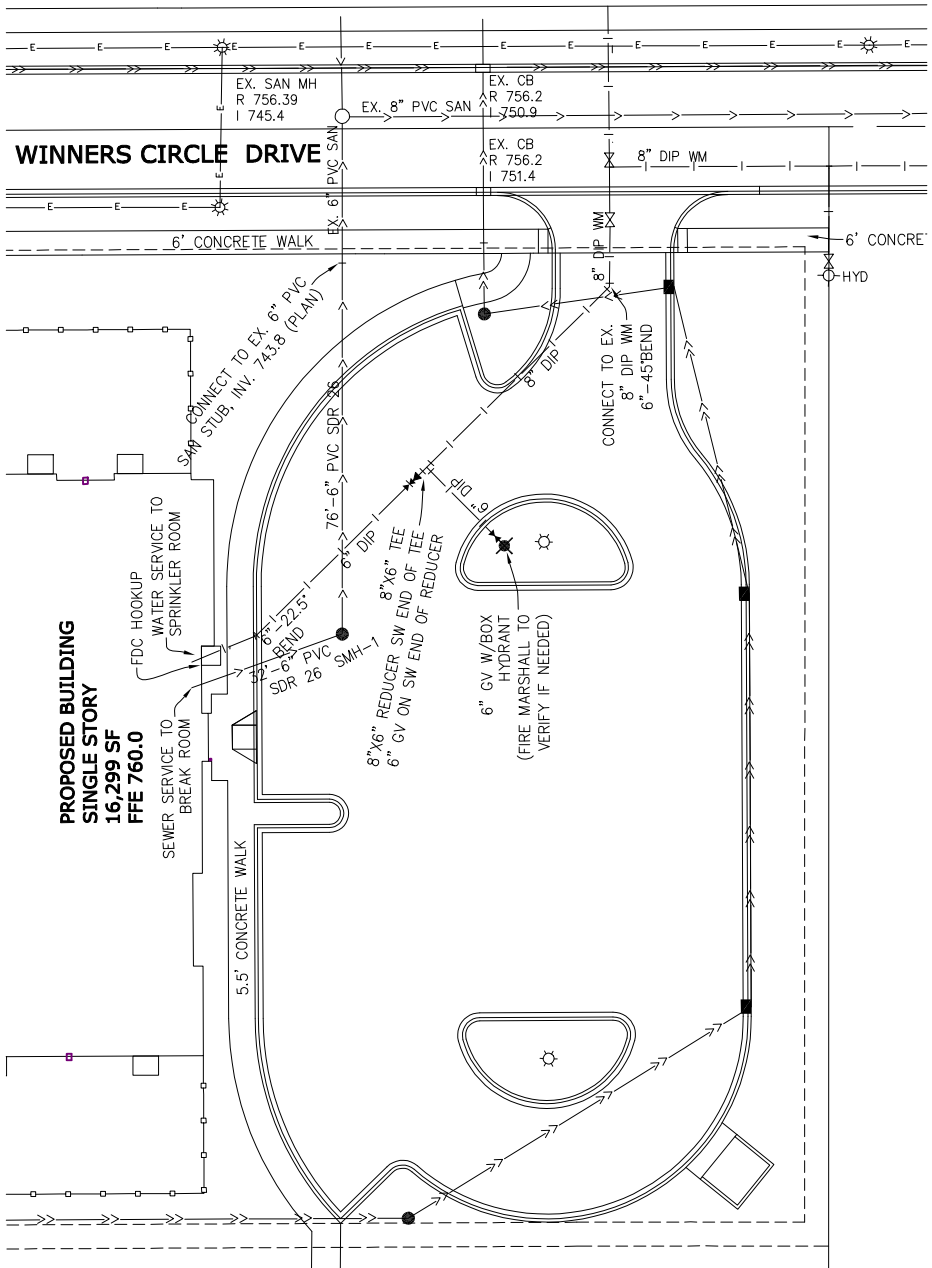
750

748

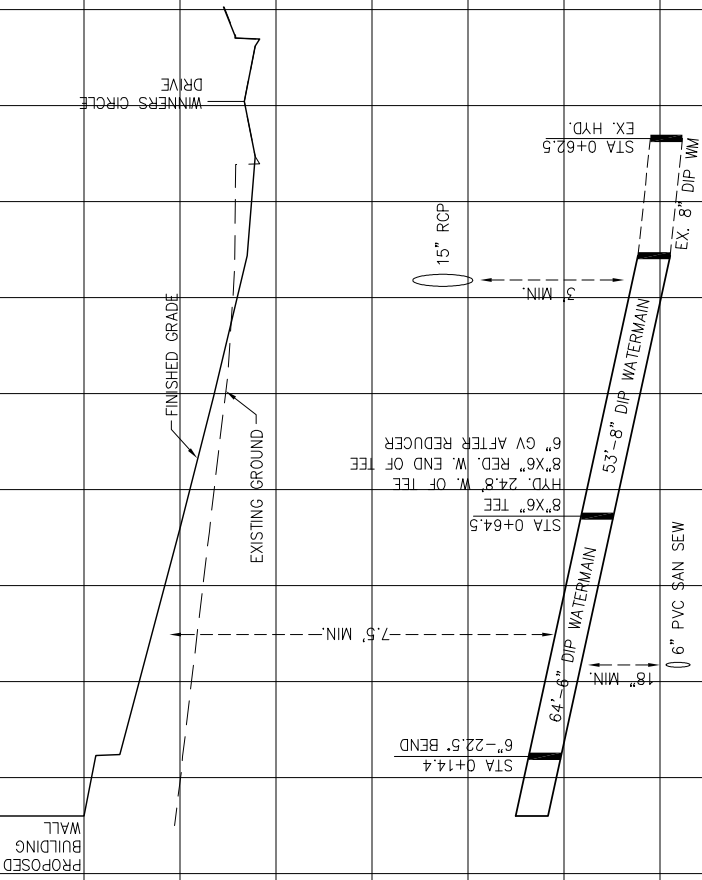
746

744

742



WATER SERVICE

[illegible]

Turf Establishment Notes

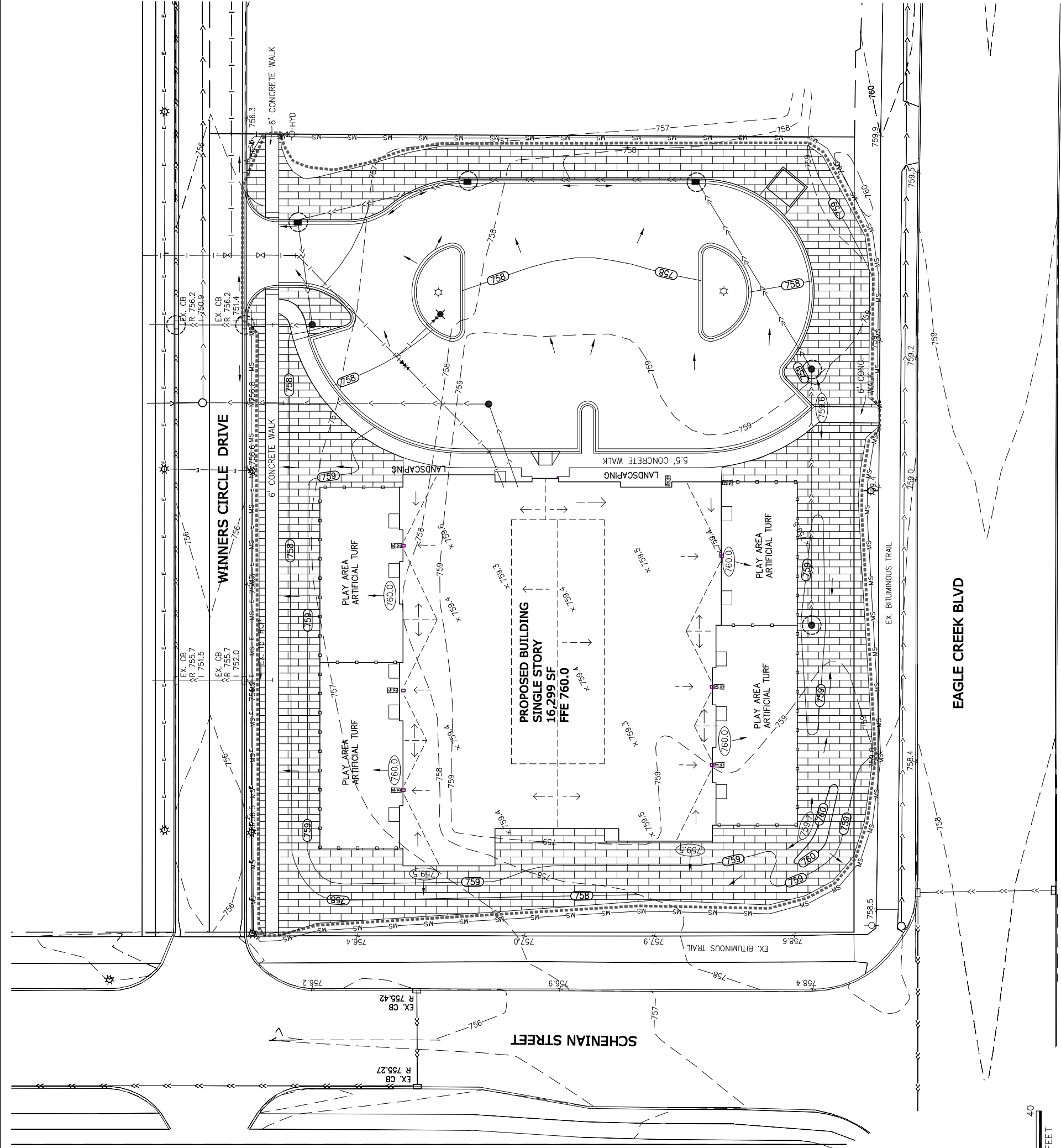
- 1. 6" minimum topsoil to placed on all areas to have turf established.
- 2. Unless shown otherwise, all disturbed areas will be sodded. The estimated sodding area is 0.40 acres.
- 3. Modify final stabilization as necessary to match landscaping plans.



SODDING AREAS

Legend

- EXISTING CONTOUR
- PROPOSED CONTOUR
- CONSTRUCTION LIMITS
- SILT FENCE, MACHINE SUCED
- INLET PROTECTION
- PROPOSED FINISHED GRADE ELEVATION
- PROPOSED CURB ELEV.
- PROPOSED GUTTER ELEV.
- ROOF DRAINAGE DIRECTION
- DRAINAGE ARROW
- SANITARY SEWER
- WATERMAIN
- STORM SEWER
- EXISTING SPOT ELEVATION
- CONSTRUCTION EXIT
- COMPOST LOG





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.

NOT FOR CONSTRUCTION

Curtis J. Kallio, Lic. No. 26909

Date

DATE	REVISION	BY

PREPARED FOR:

Matt Kerber
3697 Lertive Way
Chaska, MN 55318

SHEET TITLE & PROJECT:

Turf Establishment Plan

Next Steps Learning Center
Shakopee, MN

PROJECT NO:
202239

SHEET



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.

DATE	REVISION	BY

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

PREPARED FOR:
Ma
3697
Chask

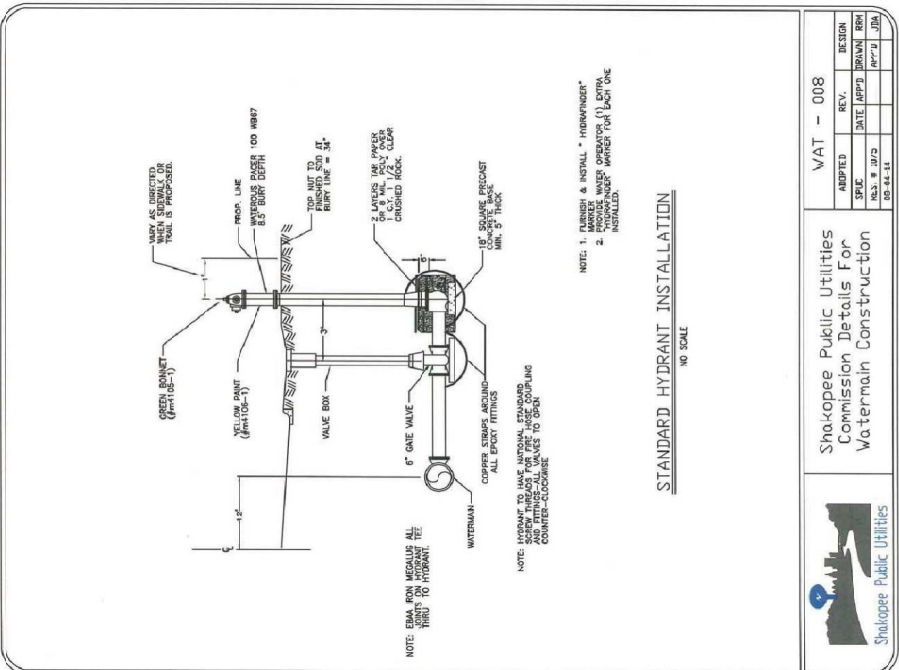
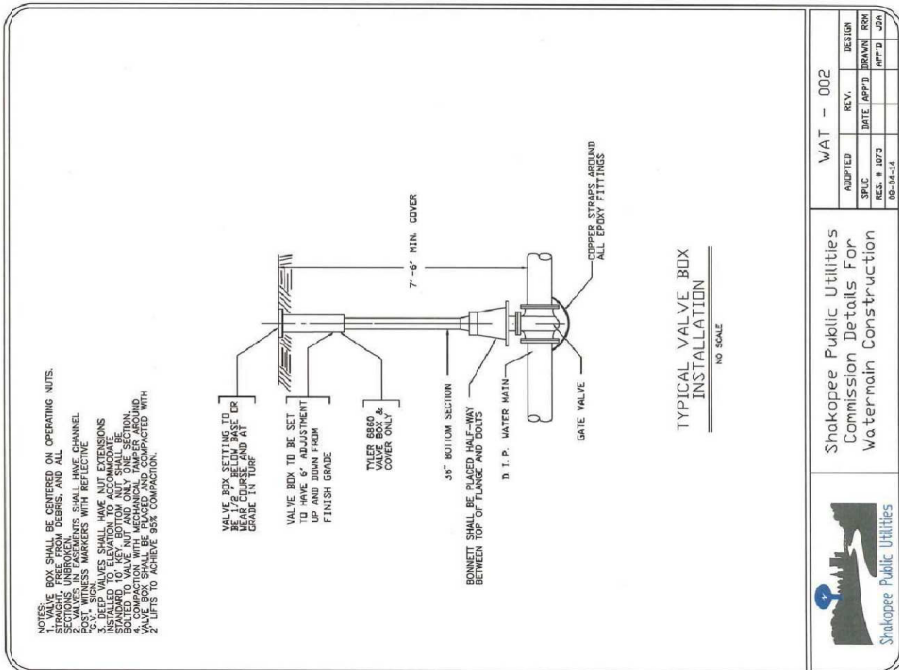
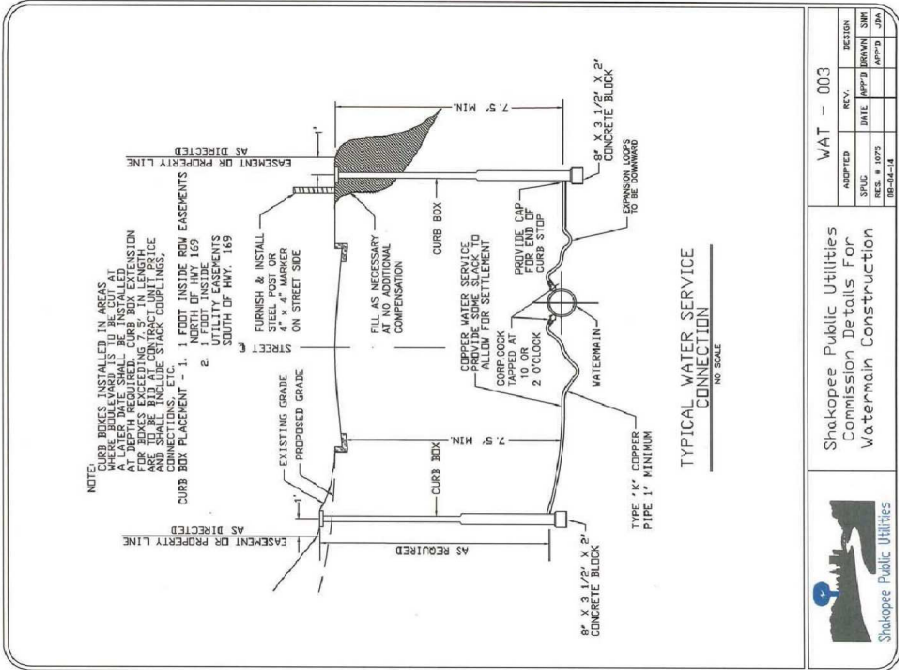
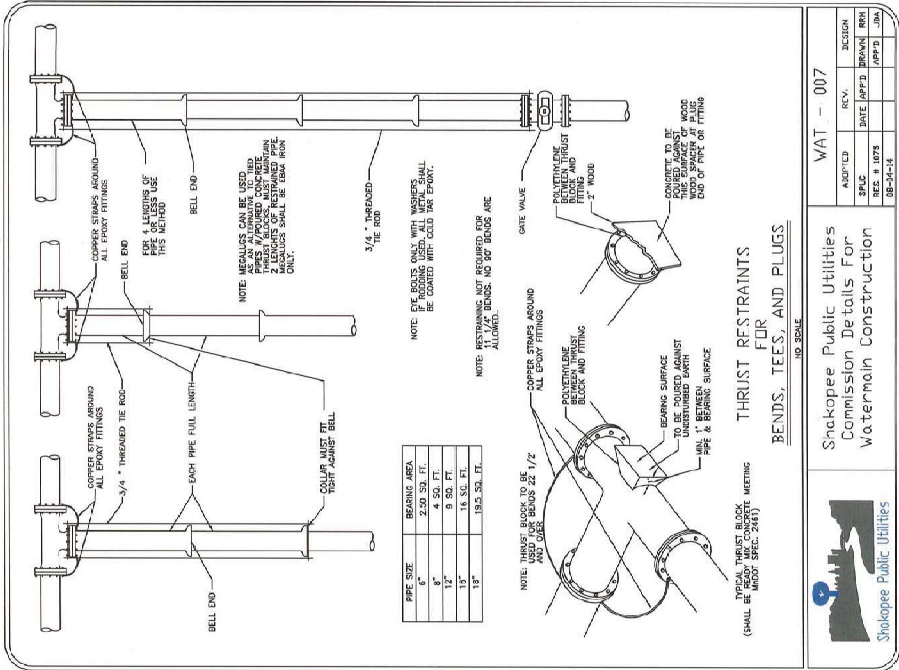
Details

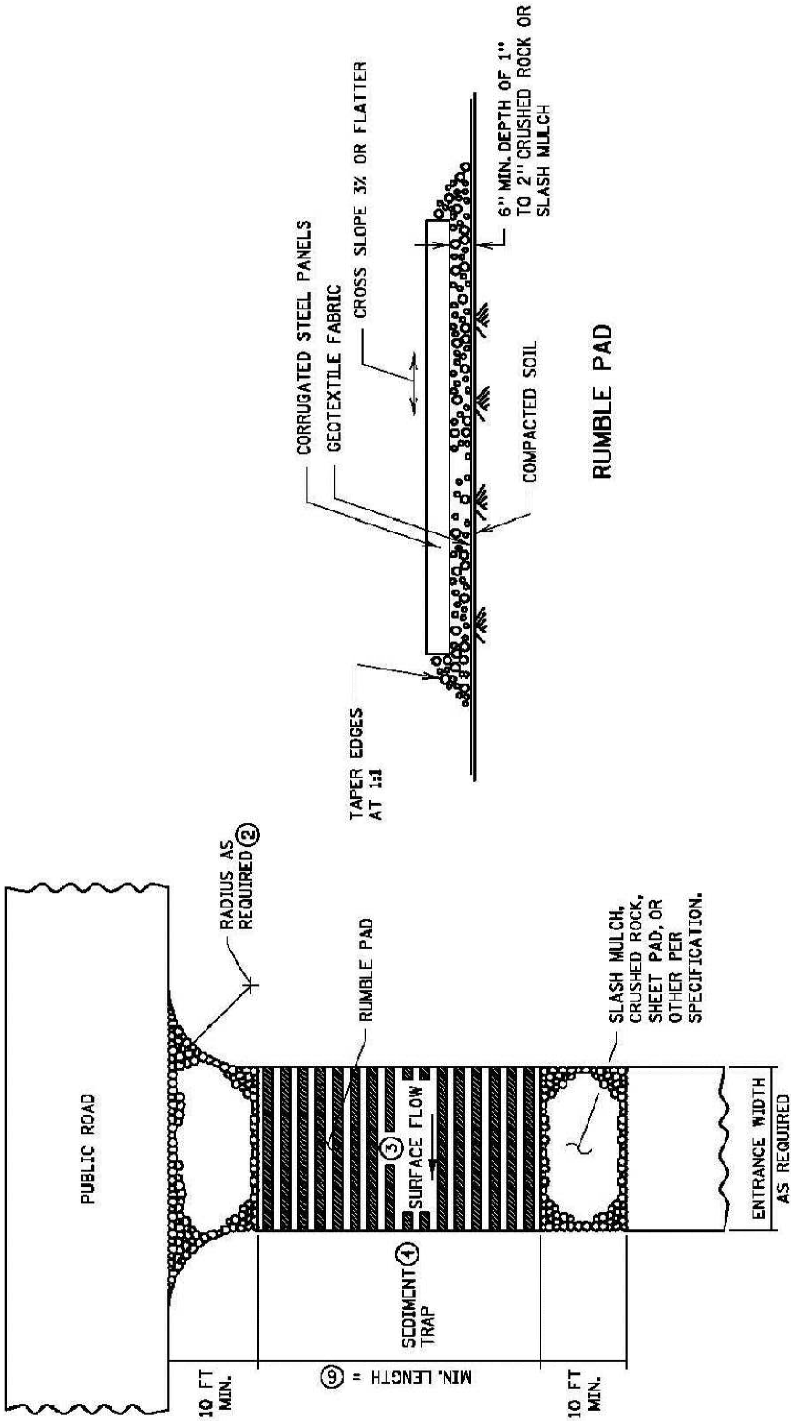
TITLE & PROJECT:

Next Steps Learning Center
Shakopee, MN

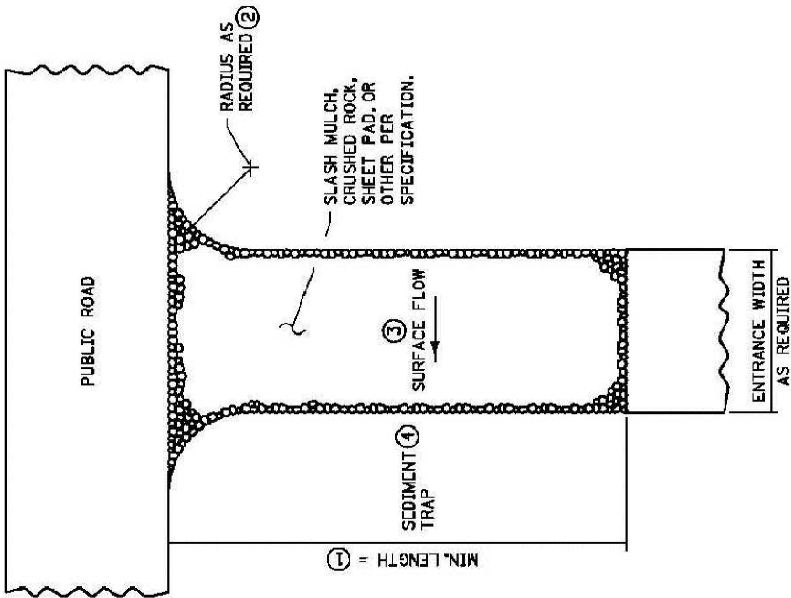
PROJECT NO:
202239

C7

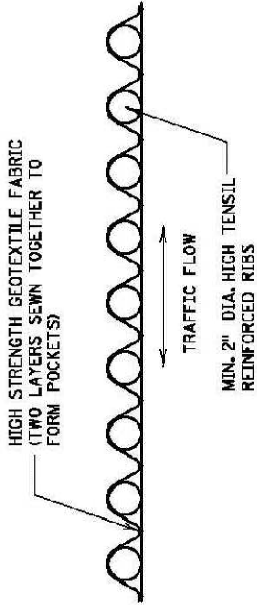




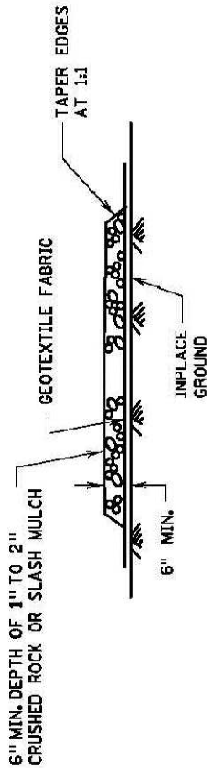
RUMBLE PAD
CONSTRUCTION EXIT ⑤⑦



SLASH MULCH, CRUSHED ROCK, OR SHEET
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 RADIIUS 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 A SEDIMENT TRAP WITH STABILIZED OVERTFLOW.
- 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.

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.

DATE	REVISION	BY

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

PREPARED FOR: Ma 3697 Chask

TITLE & PROJECT:

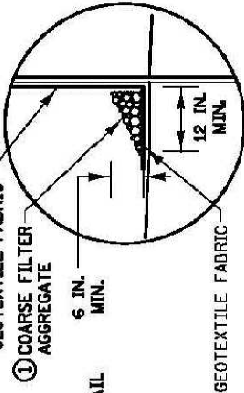
Corrosion Control Details

Next Steps Learning Center
Shakopee, MN

PROJECT NO:
202239

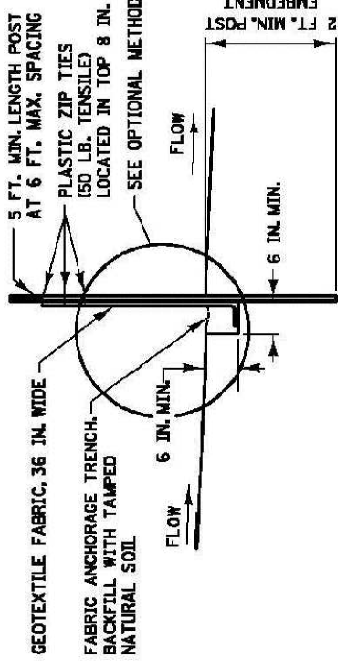
SHEET

C10

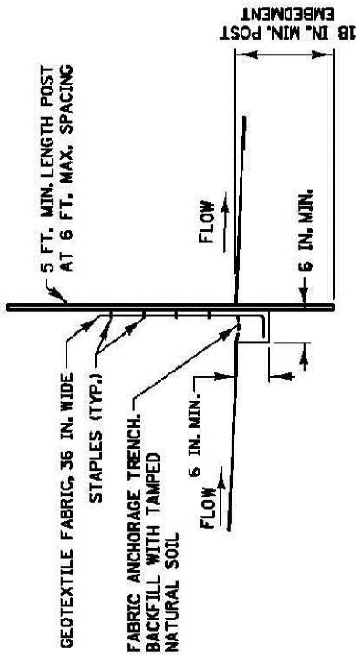


OPTIONAL METHOD

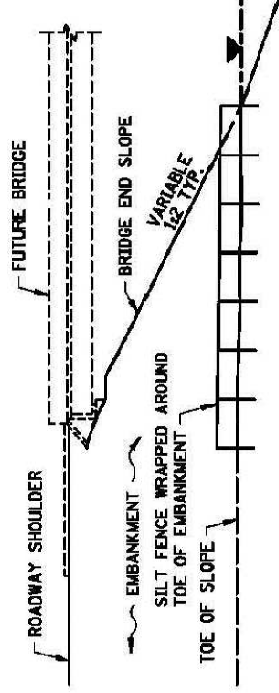
**SILT FENCE TYPE HI ②
(HAND INSTALLED)**



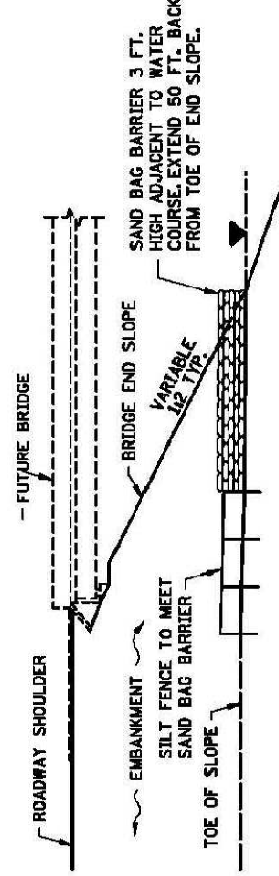
**SILT FENCE TYPE MS ②
(MACHINE SLICED)**



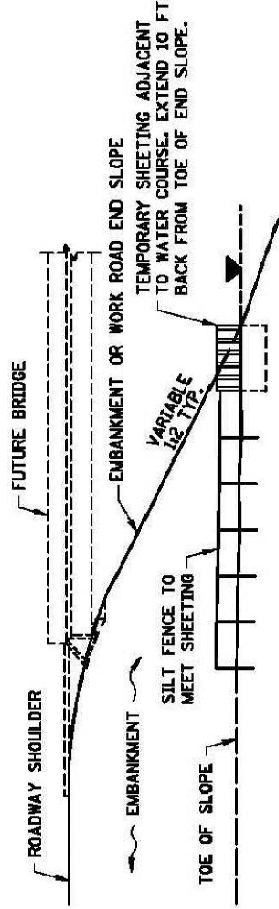
SILT FENCE TYPE PA ③
(PREASSEMBLED)



SILT FENCE ONLY ④

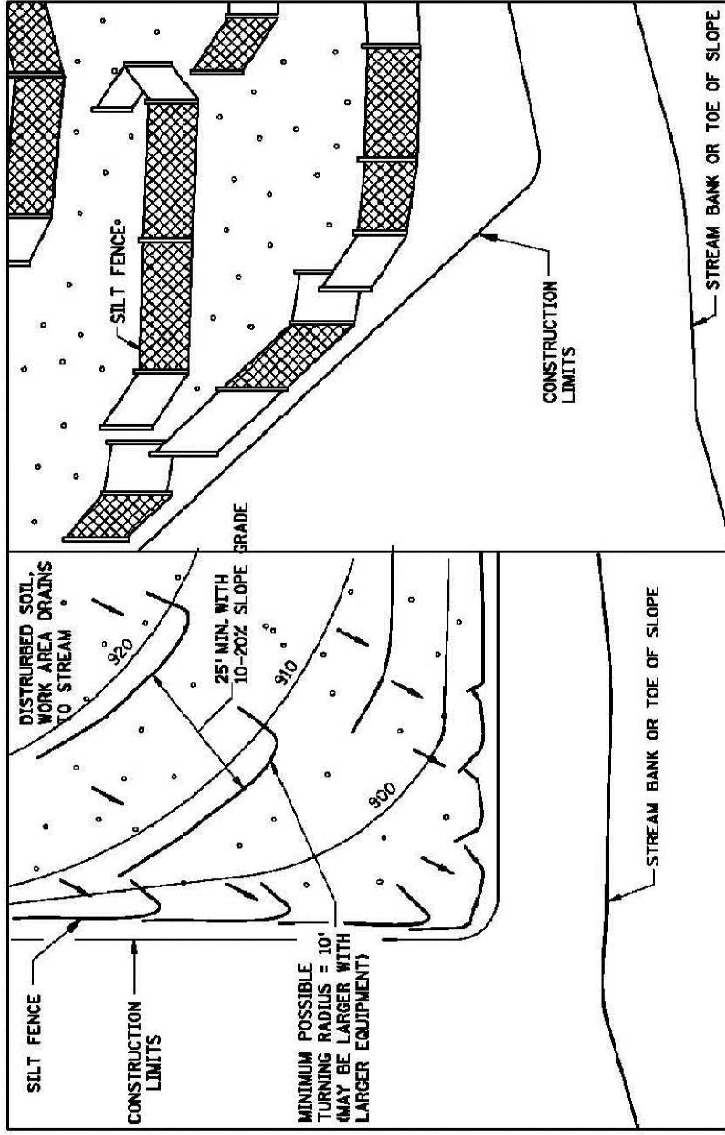


SILT FENCE WITH SAND BAGS ⑤



SILT FENCE WITH SHEETING ⑥

INSTALLATION AT BRIDGE EMBANKMENT ADJACENT TO WATER



PLAN VIEW

PERSPECTIVE VIEW

REVISION:
APPROVED: 2-28-2017
Step. Clark
CHIEF ENVIRONMENTAL OFFICER

J-HOOK INSTALLATION



STANDARD PLAN 5-297.405 6 OF 8

APPROVED: 2-28-2017
REVISED:

SILT FENCE

STATE PROJ. NO.

SHEETS

IPLOT NAME: s4056.spu
PATH & FILENAME: OTSVL

PLOTTED/REVISED: 4-APR-2018