

STREET & STORM KEYNOTES

- RETAIN & PROTECT EXISTING SURVEY MONUMENTS
- EXISTING GROUND CONTOURS (TYPICAL)
- EXISTING PROPERTY BOUNDARY
- WETLAND AREAS TO BE FILLED FOR ACCESS

STORMWATER PIPELINE AND CATCH BASINS

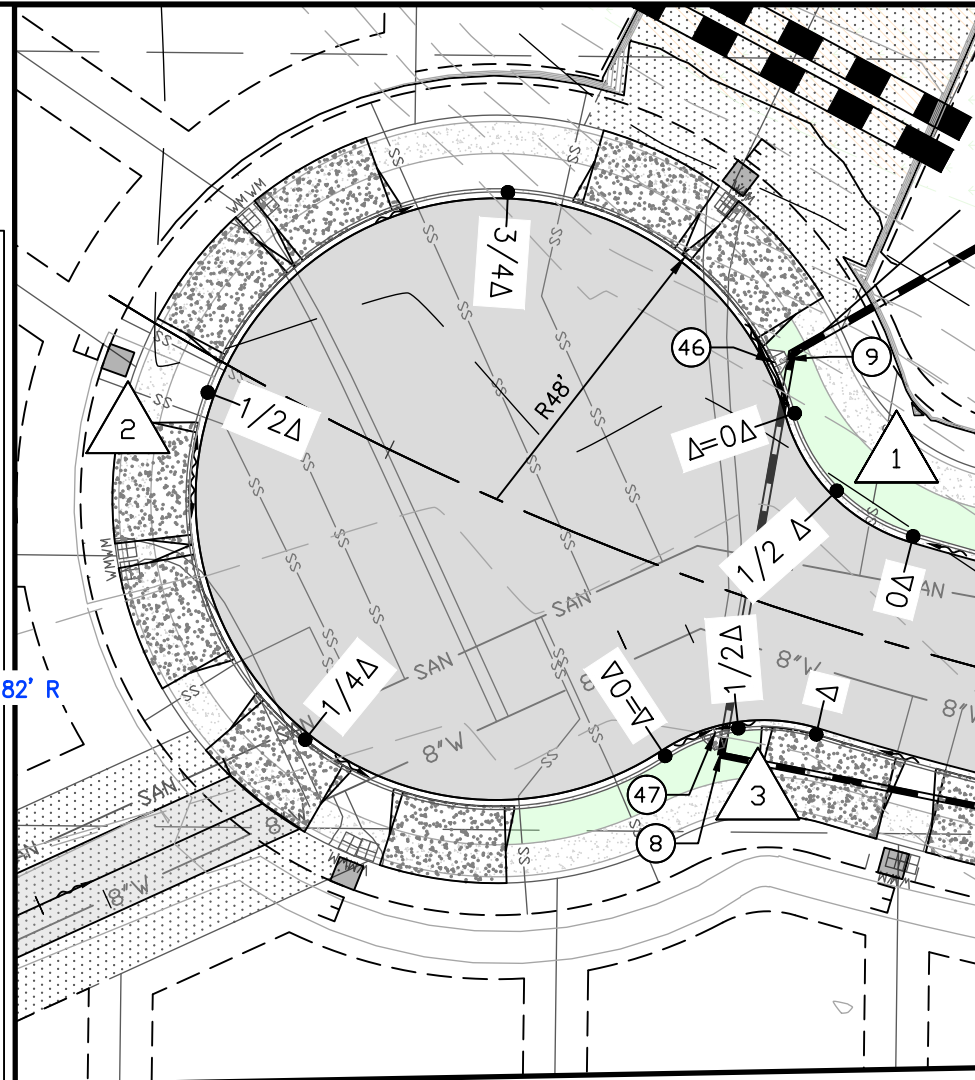
- I 57 LF (10" ADS) S=0.45%
STA: 4+30.05, OFF: 20.50' L
RM = 2085.34
IE (10" ADS) = 2079.46
64 LF (10" ADS) S=0.45%
STA: 4+85.59, OFF: 24.59' L
RM = 2084.90
IE THRU (10" ADS) = 2079.20
9 STA: 4+95.82, OFF: 38.33' R
RM = 2084.97
IE THRU (10" ADS) = 2078.90
34 LF (10" ADS) S=0.45%
STA: 4+70.45, OFF: 63.66' R STA: 4+76 OFF: 67.82' R
IE OUTFALL (10" ADS) = 2078.75
- II 122 LF (24" ADS) S=0.410%
STA: 5+49.42, OFF: 80' R (TIMBER CREEK RD)
IE OUT (24" ADS) = 2078.48
STA: 4+80.17, OFF: 75' R (TIMBER CREEK DR)
IE IN (24" ADS) = 2078.70
130 LF (24" ADS) S=0.036% S=0.023%
STA: 3+94.36, OFF: 42.08' R
IE OUT (24" ADS) = 2078.75 2078.662
STA: 3+08.33, OFF: 55.85' L
IE IN (24" ADS) = 2078.80 2078.625
- III 187 LF (24" ADS) S=0.44% 60 LF
STA: 2+48.77, OFF: 49.72' L STA: 2+50.5
IE OUT (24" ADS) = 2079.40 OFF: 49.50' L
STA: 1+61.07, OFF: 56.22' L STA: 1+89.5
IE IN (24" ADS) = 2079.65 OFF: 55.60' L
- IV 57 LF (24" ADS) S=0.50% 60 LF
STA: 1+21.57, OFF: 54.15' STA: 1+25, OFF: 60.80' L
IE OUT (24" ADS) = 2080.31 2079.829
STA: 0+64.41, OFF: 69.66' STA: 0+64.15, OFF: 66.25' L
IE IN (24" ADS) = 2080.56 2080.047
- V NOTE: EXTEND EXISTING (VI & VII) CONCRETE CULVERTS OUTSIDE THE EXISTING FILL TO DAYLIGHT ON EXISTING GROUND. PROPOSED EXTENSIONS ARE KEYNOTED 27' & 31'. MAINTAIN EXISTING STORM PIPE SLOPES IF MORE EXTENSION IS REQUIRED.
- VI 24 EXISTING 36 LF (18" RCP) S=-0.84%
IE OUT (18" RCP) = 2080.21
24 EXISTING IE IN (18" RCP) = 2080.18
27 EXTEND 7.33 LF (18" RCP)
PROPOSED IE OUT (18" RCP) = 2080.22
- VII 28 EXISTING 41 LF (18" RCP) S=-0.87%
IE OUT (18" RCP) = 2080.13
30 EXISTING IE IN (18" RCP) = 2079.77
31 EXTEND 3.7 LF (18" RCP)
PROPOSED IE OUT (18" RCP) = 2080.16
- VIII 32 STA: 1+88.17, OFF: 20.50' R
RM = 2086.56
IE THRU (10" ADS) = 2081.00
127 LF (10" ADS) S=0.45%
STA: 3+15.12, OFF: 20.50' R
RM = 2085.92
IE THRU (10" ADS) = 2080.42
34 LF (10" ADS) S=0.45%
STA: 3+18.52, OFF: 20.50' L
RM = 2085.90
IE THRU (10" ADS IN, 12" ADS OUT) = 2080.23
720 LF (12" ADS) S=0.50% 36 LF
STA: 3+11.86, OFF: 39.91' L STA: 3+06.67 OFF: 55.23' L
IE OUTFALL (12" ADS) = 2080.13 2079.55
- IX 39 STA: 1+93.04, OFF: 20.50' L
RM = 2080.56 2086.56
IE (12" ADS) = 2080.66
40 20 LF (12" ADS) S=0.50%
STA: 1+91.13, OFF: 40.41' L
IE OUTFALL (12" ADS) = 2080.56
- NOTE: ALIGNMENT-STREET PROFILE: TIMBER CREEK DRIVE

STORMWATER CURB CUTS & APRONS

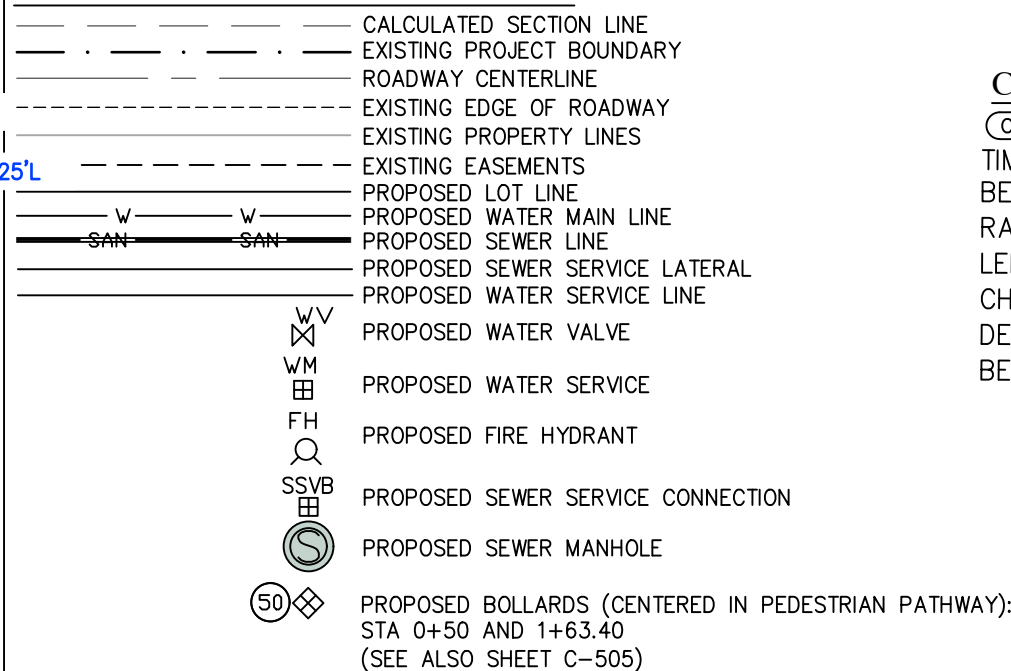
- 42 STA: 1+19.52, OFF: 17.00' R STA: 1+22.5
43 STA: 1+18.70, OFF: 17.00' L STA: 1+21.3
44 STA: 2+43.85, OFF: 17.00' R STA: 2+47.15
45 STA: 2+44.77, OFF: 17.00' L STA: 2+47.5
46 STA: 3+68.96, OFF: 17.00' R STA: 3+74
47 STA: 3+72.06, OFF: 17.00' L STA: 3+77.57
48 STA: 4+99.19, OFF: 35.10' R STA: 4+96.46 OFF: 34.20' R
49 STA: 4+88.02, OFF: 20.88' L STA: 4+87.34 OFF: 21.96' L
- NOTE: STATIONS/OFFSET LOCATIONS FOR APRONS ARE AT THE INTERSECTION BETWEEN EDGE OF PAVEMENT AND CENTER OF CURB CUT (SEE DRAINAGE CUT DETAIL).

STORMWATER TREATMENT FACILITIES (SEE STORMWATER REPORT)

- TREATMENT (BIOSWALE, 6" DEPTH):
• AREA PROVIDED = 3,590 SF
- A FACILITY A PHYSICAL DETAILS:
• TREATMENT AREA = 480 SF
- B FACILITY B PHYSICAL DETAILS:
• TREATMENT AREA = 522 SF
- C FACILITY C PHYSICAL DETAILS:
• TREATMENT AREA = 500 SF
- D FACILITY D PHYSICAL DETAILS:
• TREATMENT AREA = 518 SF
- E FACILITY E PHYSICAL DETAILS:
• TREATMENT AREA = 440 SF
- F FACILITY F PHYSICAL DETAILS:
• TREATMENT AREA = 885 SF
- G FACILITY G PHYSICAL DETAILS:
• TREATMENT AREA = 245 SF
- EXISTING WETLANDS ARE PROPOSED TO ACT AS STORMWATER DETENTION (SEE STORMWATER REPORT)

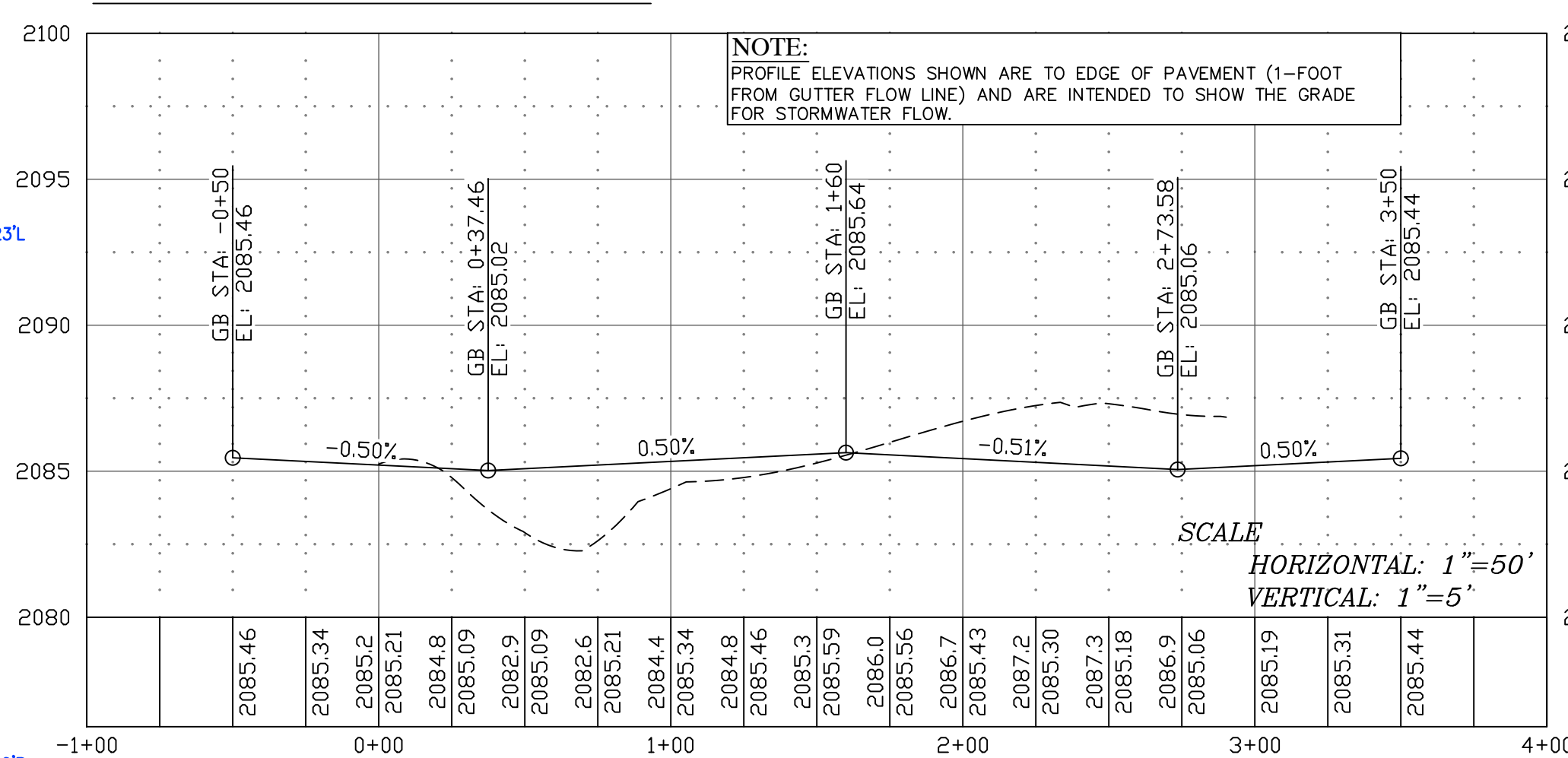


STREET & STORMWATER LEGEND

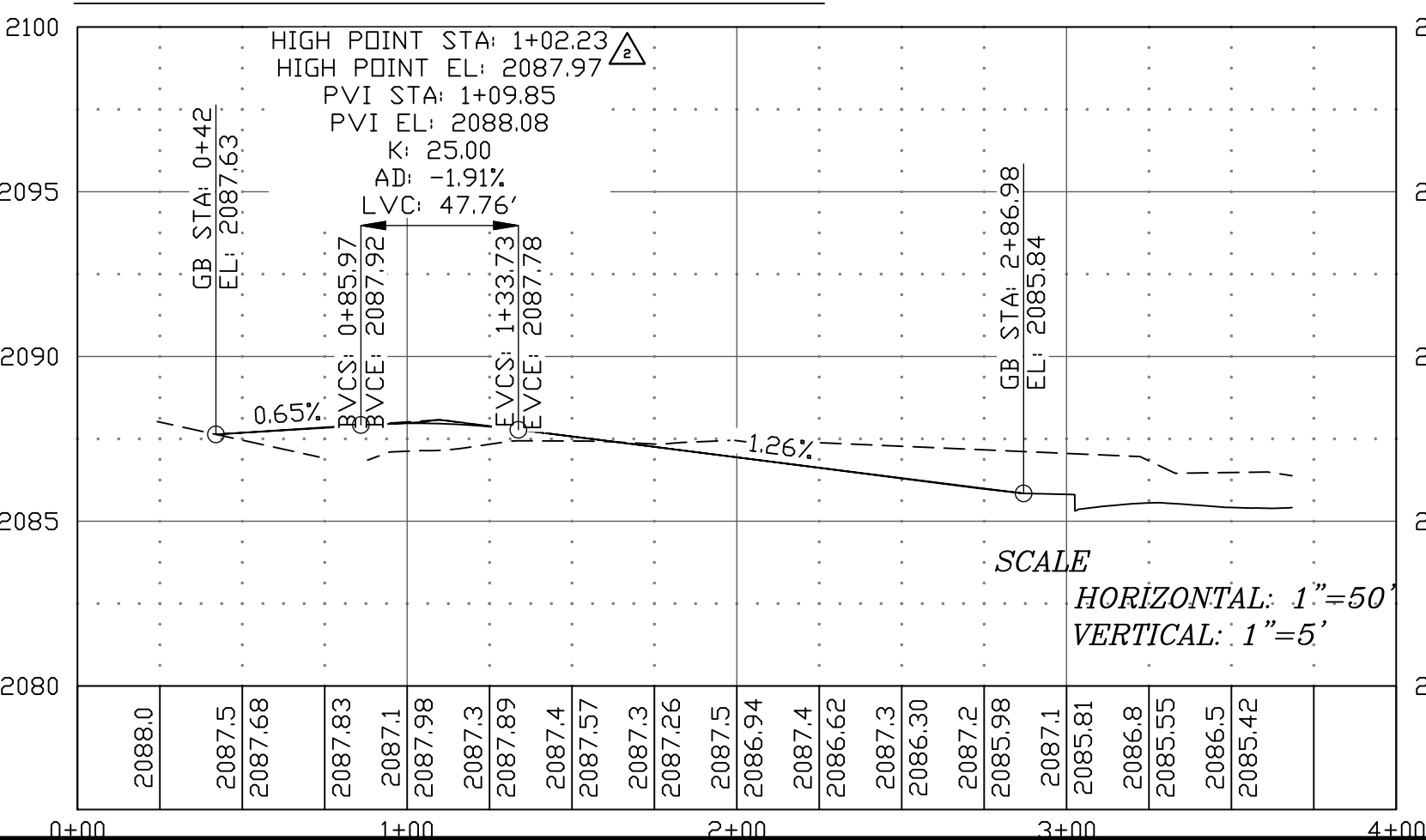


- FOUND 1/2" REBAR (NO CAP), (RETAIN & PROTECT)
● FOUND 3/4" REBAR AND CAP, PLS 5713 (RETAIN & PROTECT)
● FOUND 3/4" REBAR AND CAP, PLS 10559 (RETAIN & PROTECT)

CUL DE SAC PROFILE - TIMBER CREEK DRIVE



PEDESTRIAN PATHWAY PROFILE - 2" ASPHALT DEPTH



CURB RETURN

- 1 RADIUS: 28.0 FT 2085.52 @ 0A (STA 4+67.37, OFF 17' RT)
CHORD: 26.92 FT 2085.65 @ 1/2A
LENGTH: 28.01 FT 2085.51 @ A (STA 4+42.45, OFF 26.35' RT)
DELTA: 151°19'9.00"

CURB RETURN

- 2 RADIUS: 48.0 FT 2085.72 @ 1/4A
CHORD: 56.95 FT 2086.00 @ 1/2A (STA 5+79.10, OFF 5.20' L)
LENGTH: 240.67 FT 2085.35 @ 3/4A
DELTA: 72°46'18.00"

CURB RETURN

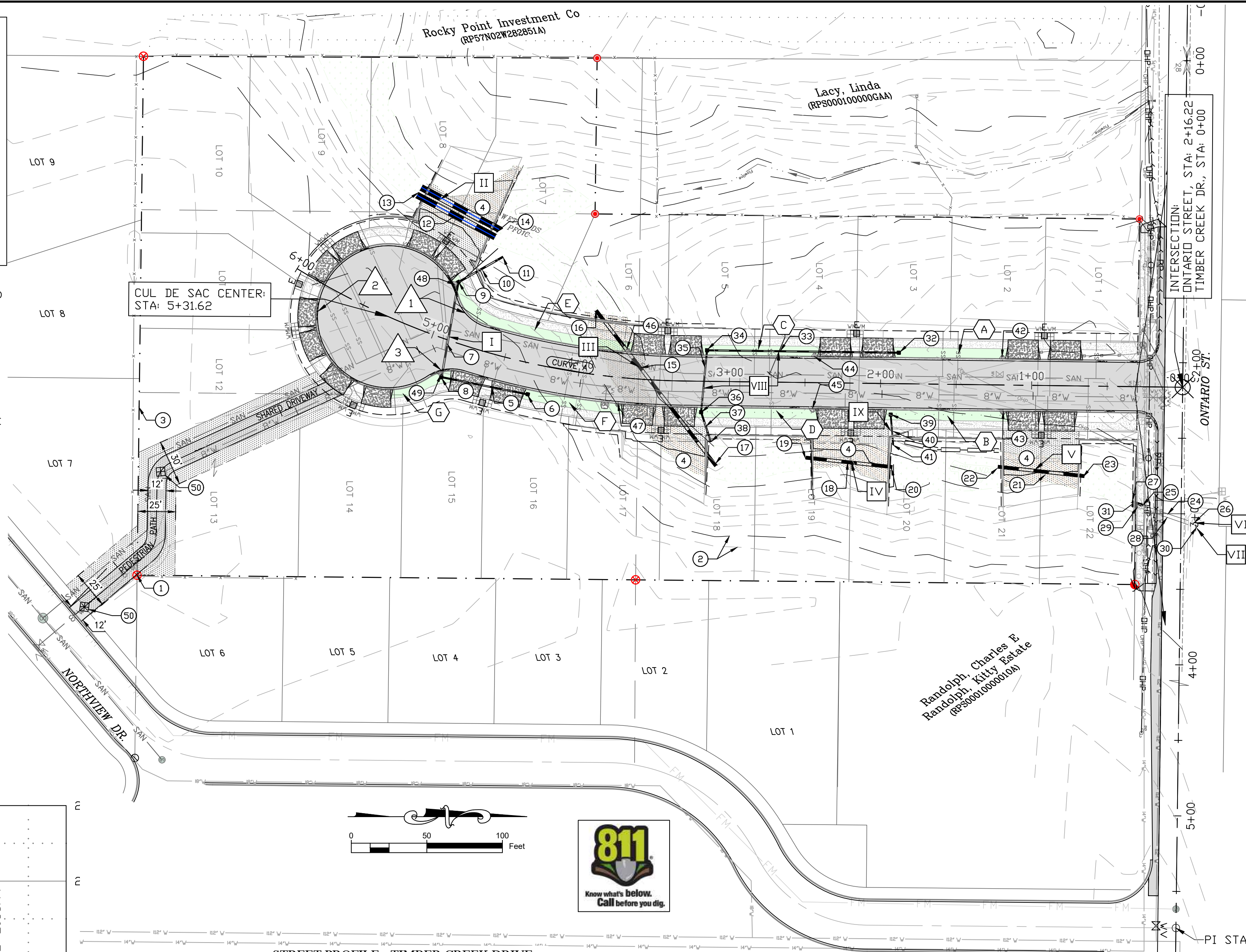
- 3 RADIUS: 28.0 FT 2085.55 @ 0A (STA 4+93.38, 27.59' L)
CHORD: 24.35 FT 2085.47 @ 1/2A
LENGTH: 25.65 FT 2085.59 @ A (STA 4+72.38, 17' L)
DELTA: 154°31'18.00"

GENERAL NOTES

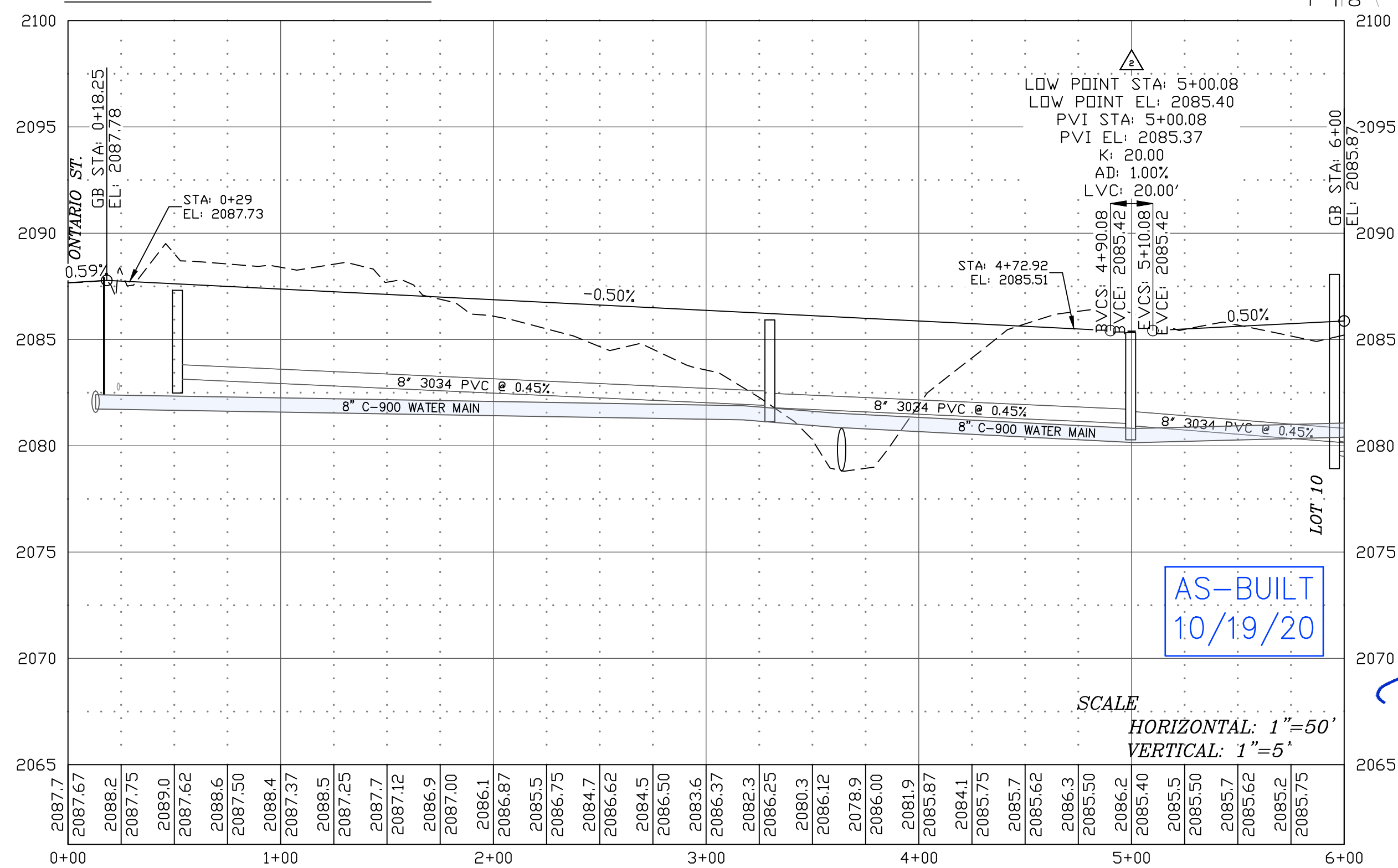
- ALL STREET AND STORM IMPROVEMENTS TO BE IN ACCORDANCE WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION—CURRENT EDITION
- STORMWATER AND EROSION CONTROL SPECIFICATIONS ARE PER THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY "CATALOG OF STORMWATER BEST MANAGEMENT PRACTICES (BMPs) FOR IDAHO CITIES AND COUNTIES—CURRENT EDITION"
- CATCH BASINS TO BE WSDOT TYPE 1
- VIDEO INSPECTION OF STORM SEWERS SHALL MEET THE REQUIREMENTS FOR SANITARY SEWERS.
- CONTACTOR/DEVELOPER IS RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS IN PAPER AND ELECTRONIC FORMAT (MEETING REQUIREMENTS OF GIS COORDINATOR 255-187) PRIOR TO STREET SYSTEM ACCEPTANCE BY THE CITY.
- MONUMENTATION—SURVEYOR TO PLACE MONUMENTS IN ROADWAYS MEETING THE REQUIREMENTS OF THE CITY OF SANDPOINT. STATE PLANE COORDINATES SHALL BE PROVIDED TO THE CITY FOR EACH MONUMENT SET.
- SEE SHEET C-101 FOR CURB RETURN DESIGN AT INTERSECTION OF ONTARIO STREET AND TIMBER CREEK DRIVE.

CURVE DATA

- CURVE A
TIMBER CREEK DR.
BEGIN STA: 3+30.00
RADIUS: 500.00'
LENGTH: 270.00'
CHORD: 266.73'
DELTA: 164°31'49"
BEARING: S16°11'12"W



STREET PROFILE - TIMBER CREEK DRIVE

AS-BUILT
10/19/20

z:\engineering\1938 timber creek subdivision\cwg\1938_sheetsheet.dwg

PROJECT NO. 1938
DRAWN BY: DW
CHECKED BY: DW
SCALE: 1"=50' (24"x36" ONLY)

SHEET C-104C

LEGHORN LLC
TIMBER CREEK SUBDIVISION
SANDPOINT, IDAHO

HARLICKER
CONSTRUCTION, LLC
444 CHURCH ST. SUITE 205
SANDPOINT, IDAHO 83864
(208) 263-0623
info@78Engineering.com

PROFESSIONAL ENGINEER
REGISTERED IN THE
STATE OF IDAHO
NO. 10086
DATE 10/18/20
DANIEL W. LARSON

REVISION
DATE
DESCRIPTION
1/17/20 REPLACES SHEET C-104 WITH CHANGES
8/27/20 REPLACES SHEET C-104 WITH CHANGES
9/19/20 REPLACES SHEET C-104 WITH CHANGES