

CITY OF NORTH RIDGEVILLE

LOR-83-11.19

PID: 114797

LORAIN COUNTY

FEDERAL PROJECT NUMBER

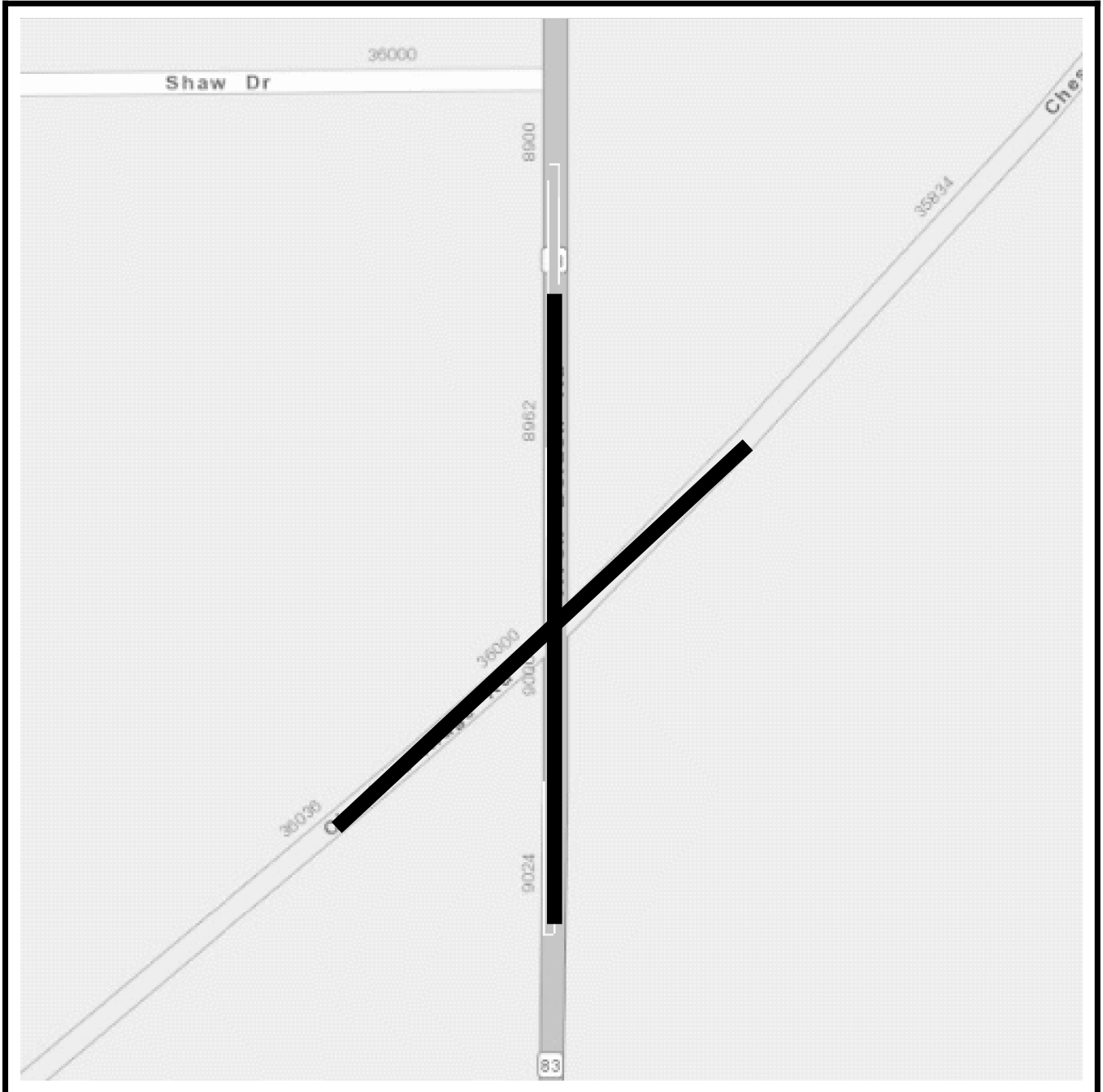
E210 (246)

PROJECT DESCRIPTION

INSTALLATION OF A ROUNDABOUT AT THE INTERSECTION OF SR 83 AND CHESTNUT RIDGE RD. FULL DEPTH PAVEMENT, LIGHTING, STORM SEWER, AND SIGNING AND PAVEMENT MARKINGS BE WILL BE CONSTRUCTED AS PART OF THE IMPROVEMENTS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 2.444 ACRES
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.125 ACRES
 NOTICE OF INTENT EARTH DISTURBED AREA: 2.569 ACRES



LOCATION MAP

LATITUDE: 41° 21' 44" N LONGITUDE: 81° 01' 08" W



PORTION TO BE IMPROVED	—————	
INTERSTATE HIGHWAY	—————	
FEDERAL ROUTES	—————	
STATE ROUTES	—————	
COUNTY & TOWNSHIP ROADS	—————	
OTHER ROADS	—————	

DESIGN DESIGNATION

CURRENT ADT (2020)	6017
DESIGN YEAR ADT (2044)	8410
DESIGN HOURLY VOLUME (2044)	1600
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	13%
DESIGN SPEED	45 MPH
LEGAL SPEED	45MPH
DESIGN FUNCTIONAL CLASSIFICATION:	04 URBAN MINOR ARTERIAL

NHS PROJECT ----- NO

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
 Contact Two Working Days
 Before You Dig

OHIO811.org
 Before You Dig

OHIO 811. 8-1-1. or 1-800-362-2764
 (Non members must be called directly)

PLAN PREPARED BY:

INDEX OF SHEETS:

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For Review

02/01/2022 5:19:54 PM

2019 SPECIFICATIONS

THE CITY OF NORTH RIDGEVILLE'S RULES, LAWS, AND CODES SHALL GOVERN ALL WORK AND MATERIALS FOR THIS PROJECT. IN ANY CASE WHERE THE PLANS AND SPECIFICATIONS DO NOT ENTIRELY COVER MATERIALS AND/OR WORKMANSHIP, THE STANDARD SPECIFICATION OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS PROJECT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEET 00, AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON THE PLANS.

APPROVED _____
 DATE _____ MAYOR, NORTH RIDGEVILLE

APPROVED _____
 DATE _____ CITY ENGINEER,
 NORTH RIDGEVILLE

	STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS

ENGINEER'S SEAL:

SIGNED: _____
 DATE: _____

TITLE SHEET

LOR-83-11.19

MODEL: Sheet PAPER: 34x22 (in.) DATE: 2/1/2022 TIME: 5:15:27 PM USER: jmcatalg C:\2020\00479\0_C_Design\114797_Chestnut_RAB\400-Engineering\Roadway\Sheets\114797_C1001.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT

DESIGNER
JRS

REVIEWER
AJL 01/31/22

PROJECT ID
114797

SHEET TOTAL
P.1 | 52

SR 83 CURVE DATA
 PI = STA 252+44.23
 $\Delta = 12^\circ 52' 11''$ LT
 Dc = 57'17.45"
 R = 100.00'
 T = 11.28'
 L = 22.46'
 E = 0.63'

SR 83 CURVE DATA
 PI = STA 252+91.42
 $\Delta = 20^\circ 42' 56''$ RT
 Dc = 29'05.03"
 R = 197.00'
 T = 36.01'
 L = 71.23'
 E = 3.26'

SR 83 CURVE DATA
 PI = STA 253+67.78
 $\Delta = 07^\circ 50' 45''$ LT
 Dc = 09'32.57"
 R = 600.00'
 T = 41.15'
 L = 82.16'
 E = 1.41'

CHESTNUT RIDGE RD CURVE DATA
 PI = STA 147+04.07
 $\Delta = 26^\circ 42' 49''$ LT
 Dc = 14'19.26"
 R = 400.00'
 T = 94.98'
 L = 186.50'
 E = 11.12'

CHESTNUT RIDGE RD CURVE DATA
 PI = STA 149+52.23
 $\Delta = 26^\circ 51' 05''$ RT
 Dc = 28'38.52"
 R = 200.00'
 T = 47.74'
 L = 93.73'
 E = 5.62'

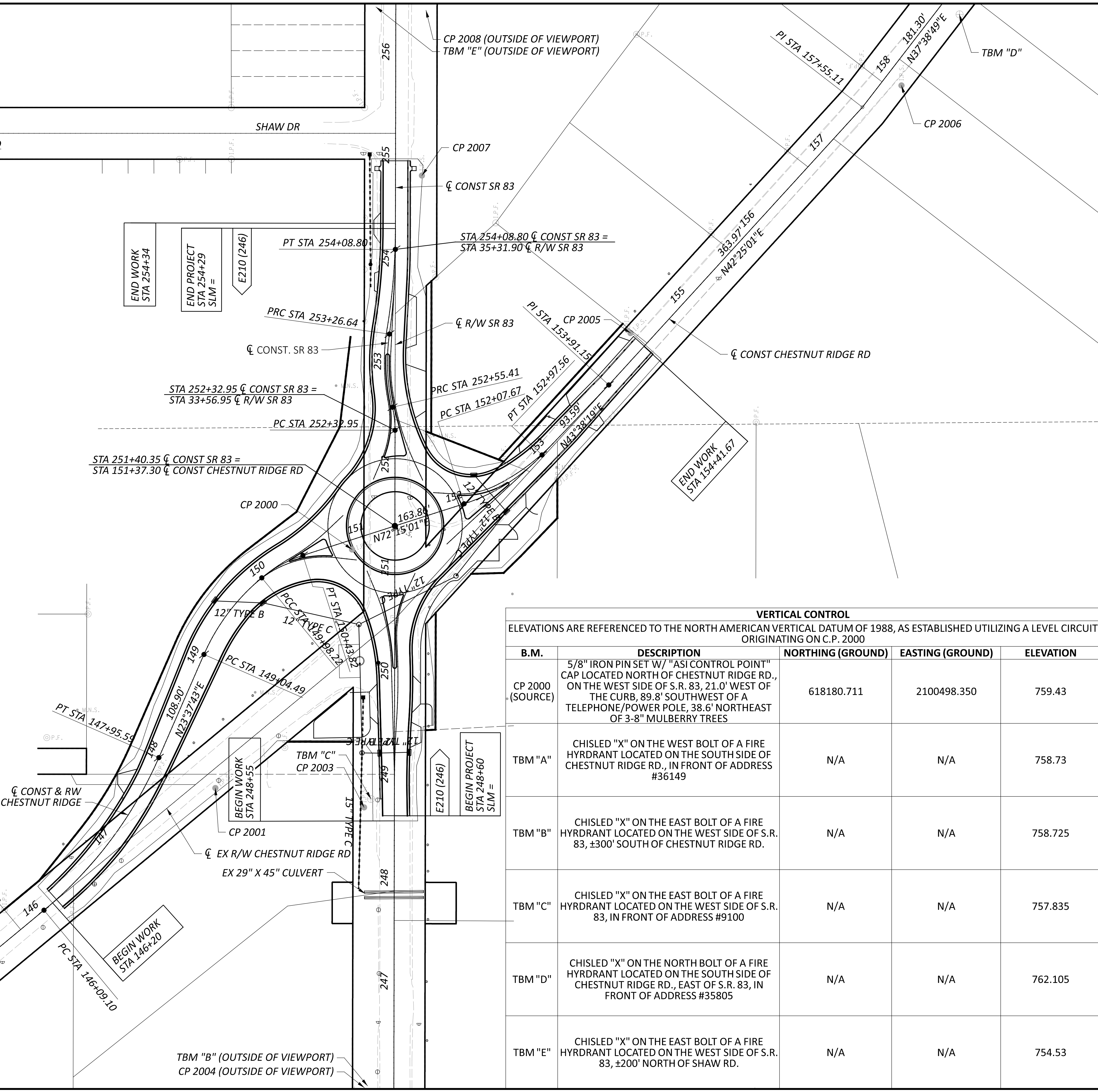
CHESTNUT RIDGE RD CURVE DATA
 PI = STA 150+21.30
 $\Delta = 21^\circ 46' 13''$ RT
 Dc = 47'44.47"
 R = 120.00'
 T = 23.08'
 L = 45.6'
 E = 2.2'

CHESTNUT RIDGE RD CURVE DATA
 PI = STA 152+53.57
 $\Delta = 28^\circ 36' 42''$ LT
 Dc = 31'49.52"
 R = 180.00'
 T = 45.90'
 L = 89.89'
 E = 5.76'

HORIZONTAL CONTROL

COORDINATES ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT), AS ESTABLISHED UTILIZING A GPS SURVEY AND AN NGS OPUS SOLUTION. A PROJECT ADJUSTMENT FACTOR OF 1.0000835195 WAS APPLIED ABOUT C.P. 2000 TO OBTAIN GROUND COORDINATES.

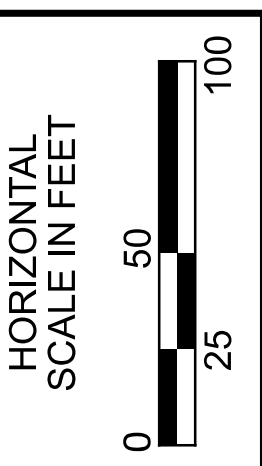
C.P.	DESCRIPTION	NORTHING (GROUND)	EASTING (GROUND)	ELEVATION
2000	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED NORTH OF CHESTNUT RIDGE RD., ON THE WEST SIDE OF S.R. 83, 21.0' WEST OF THE CURB, 89.8' SOUTHWEST OF A TELEPHONE/POWER POLE, 38.6' NORTHEAST OF 3-8" MULBERRY TREES	618180.711	2100498.350	759.43
2001	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED WEST OF S.R. 83, ON THE SOUTH SIDE OF CHESTNUT RIDGE RD., 6.8' SOUTH OF THE CURB, 2.0' NORTH OF A LARGE ROCK, 54.0' NORTHWEST OF THE SOUTHWEST CORNER OF THE COMMERCIAL BUILDING ("DESIGNER DOGGIES")	617949.959	2100366.065	757.80
2002	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED WEST OF S.R. 83, ON THE NORTH SIDE OF CHESTNUT RIDGE RD., 6.70' NORTH OF THE CURB, EAST OF THE DRIVE OF ADDRESS #36146, 48.3' WEST OF A TELEPHONE/POWER POLE, 47.7' SOUTHWEST OF A POWER POLE	617691.846	2100006.864	757.32
2003	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED SOUTH OF THE BUILDING AT THE SOUTHWEST CORNER OF THE INTERSECTION OF SR 83 & CHESTNUT RIDGE RD., 10.1' SOUTHWEST OF A FIRE HYDRANT, 26.3' SOUTHWEST OF A TELE/POWER POLE, 47.7' NORTHEAST OF A LARGE ROCK	617931.276	2100509.964	756.58
2004	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED SOUTH OF CHESTNUT RIDGE RD., ON THE WEST SIDE OF S.R. 83, 7.4' WEST OF THE CURB, NORTHEAST 22.2' FROM TELEPHONE POLE #4001077, 57.8' SOUTHWEST FROM A TELEPHONE/POWER POLE LOCATED ON THE EAST SIDE OF S.R. 83	617385.183	2100519.516	756.04
2005	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED EAST OF S.R. 83, EAST OF THE GAS STATION PARKING LOT, ON THE NORTH SIDE OF CHESTNUT RIDGE RD., 6.0' NORTH OF THE CURB, 7.7' SOUTHWEST OF A 4"x4" FENCE POST, 42.3' NORTHWEST OF THE MAILBOX FOR ADDRESS #35888	618390.120	2100767.842	759.00
2006	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED EAST OF S.R. 83, SOUTH OF CHESTNUT RIDGE RD., 22.8' SOUTHWEST OF THE MAILBOX FOR ADDRESS #35817, 11.0' NORTHEAST OF A TELE/POWER POLE, 6.3' NORTH OF THE NORTH EDGE OF SIDEWALK	618629.666	2101030.069	759.45
2007	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED NORTH OF CHESTNUT RIDGE RD., ACROSS FROM SHAW DRIVE, 11.3' EAST OF THE EAST CURB OF S.R. 83, 31.7' SOUTHWEST OF THE SOUTHWEST CORNER OF THE CHURCH PARKING LOT, 37.3' SOUTHWEST OF A TELEPHONE/POWER POLE	618542.526	2100565.958	753.59
2008	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED NORTH OF CHESTNUT RIDGE RD., ACROSS FROM HOMECREST DR., 17.7' EAST OF EAST CURB OF S.R. 83, 23.5' SOUTH OF A TELEPHONE/POWER POLE, 50.4' NORTHWEST OF A 5" CORRUGATED PLASTIC PIPE IN A CONCRETE DITCH	618890.250	2100573.499	751.53



VERTICAL CONTROL

ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, AS ESTABLISHED UTILIZING A LEVEL CIRCUIT ORIGINATING ON C.P. 2000

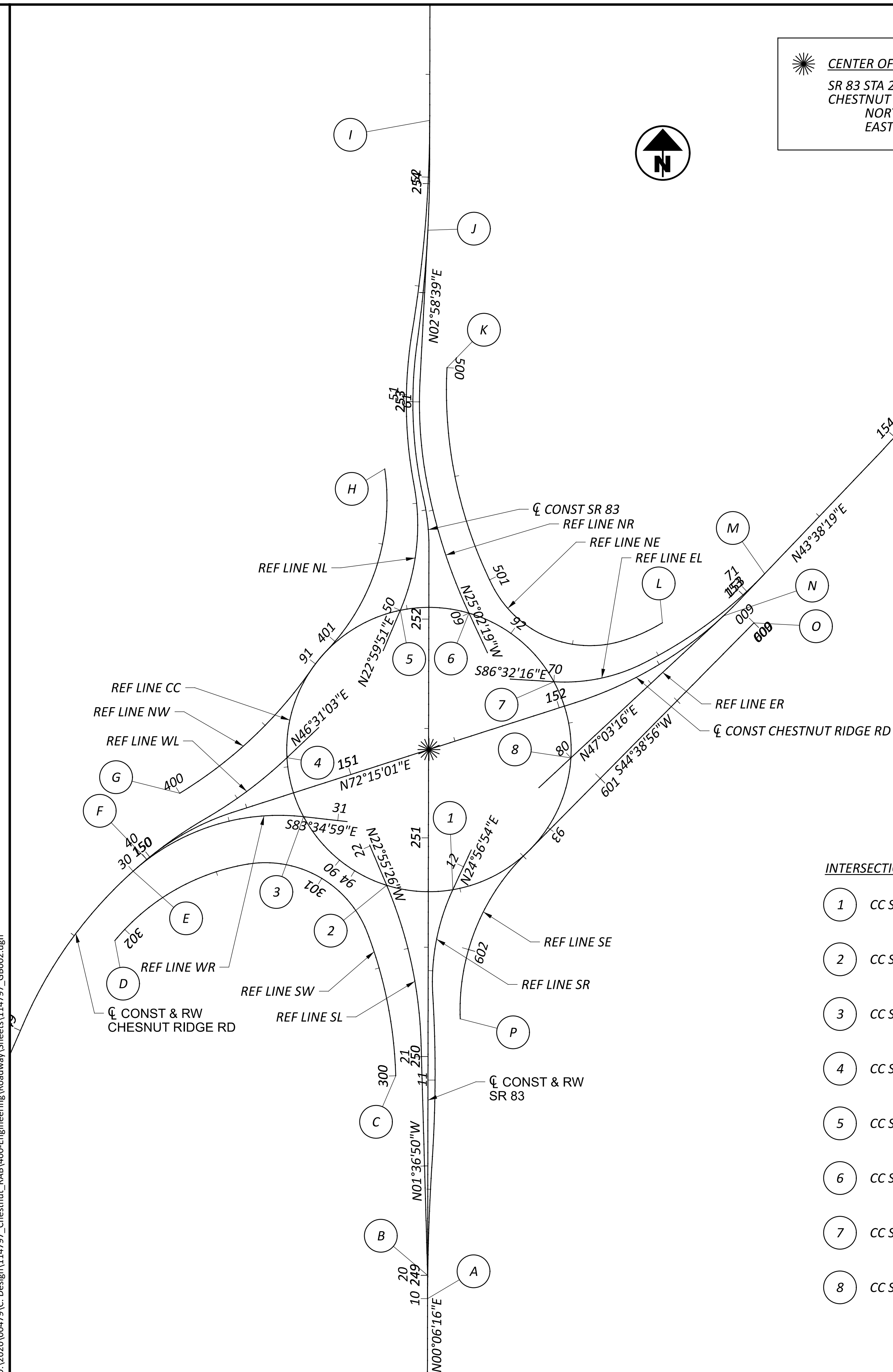
B.M.	DESCRIPTION	NORTHING (GROUND)	EASTING (GROUND)	ELEVATION
CP 2000 (SOURCE)	5/8" IRON PIN SET W/ "ASI CONTROL POINT" CAP LOCATED NORTH OF CHESTNUT RIDGE RD., ON THE WEST SIDE OF S.R. 83, 21.0' WEST OF THE CURB, 89.8' SOUTHWEST OF A TELEPHONE/POWER POLE, 38.6' NORTHEAST OF 3-8" MULBERRY TREES	618180.711	2100498.350	759.43
TBM "A"	CHISLED "X" ON THE WEST BOLT OF A FIRE HYDRANT LOCATED ON THE SOUTH SIDE OF CHESTNUT RIDGE RD., IN FRONT OF ADDRESS #36149	N/A	N/A	758.73
TBM "B"	CHISLED "X" ON THE EAST BOLT OF A FIRE HYDRANT LOCATED ON THE WEST SIDE OF S.R. 83, ±300' SOUTH OF CHESTNUT RIDGE RD.	N/A	N/A	758.725
TBM "C"	CHISLED "X" ON THE EAST BOLT OF A FIRE HYDRANT LOCATED ON THE WEST SIDE OF S.R. 83, IN FRONT OF ADDRESS #9100	N/A	N/A	757.835
TBM "D"	CHISLED "X" ON THE NORTH BOLT OF A FIRE HYDRANT LOCATED ON THE SOUTH SIDE OF CHESTNUT RIDGE RD., EAST OF S.R. 83, IN FRONT OF ADDRESS #35805	N/A	N/A	762.105
TBM "E"	CHISLED "X" ON THE EAST BOLT OF A FIRE HYDRANT LOCATED ON THE WEST SIDE OF S.R. 83, ±200' NORTH OF SHAW RD.	N/A	N/A	754.53



SCHEMATIC PLAN

DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	JRS
REVIEWER	AJL 01-31-22
PROJECT ID	114797
SHEET	P.2
TOTAL	52

CENTER OF ROUNDABOUT
 SR 83 STA 251+40.39, 0.17' RT =
 CHESTNUT RIDGE RD STA 151+37.47, 0.01' RT
 NORTHING: 618203.56
 EASTING: 2100539.95

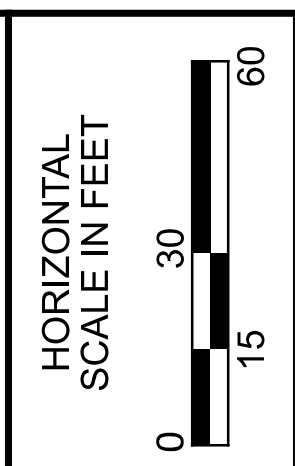


INTERSECTIONS WITH ROUNDABOUT CC

- 1 CC STA 93+53.30 = SR STA 11+88.43
 NORTHING: 618139.48
 EASTING: 2100550.86
- 2 CC STA 93+83.87 = SL STA 21+80.48
 NORTHING: 618141.50
 EASTING: 2100520.64
- 3 CC STA 90+25.97 = WR STA 30+84.29
 NORTHING: 618172.85
 EASTING: 2100482.66
- 4 CC STA 90+54.24 = WL STA 40+79.35
 NORTHING: 618199.85
 EASTING: 2100475.06
- 5 CC STA 91+46.88 = NL STA 50+00.00
 NORTHING: 618267.23
 EASTING: 2100526.87
- 6 CC STA 91+78.59 = NR STA 60+00.00
 NORTHING: 618265.94
 EASTING: 2100558.24
- 7 CC STA 92+29.84 = EL STA 70+00.00
 NORTHING: 618234.57
 EASTING: 2100597.08
- 8 CC STA 92+65.97 = ER STA 80+00.00
 NORTHING: 618199.75
 EASTING: 2100604.84

- A SR 83 STA 248+89.34, C =
 REF LINE SR STA 10+00.00, B
 NORTHING: 617952.52
 EASTING: 2100539.33
- B SR 83 STA 249+00.00, C =
 REF LINE SL STA 20+00.00, B
 NORTHING: 617963.18
 EASTING: 2100539.35
- C REF LINE SL STA 20+91.61, 12.00' LT =
 REF LINE SW STA 300+00.00, B
 NORTHING: 618054.42
 EASTING: 2100524.77
- D CHESTNUT RIDGE RD STA 149+60.14, 16.00' RT =
 REF LINE SW STA 302+06.76, B
 NORTHING: 618116.24
 EASTING: 2100396.41
- E CHESTNUT RIDGE RD STA 149+89.98, C =
 REF LINE WR STA 30+00.00, B
 NORTHING: 618147.93
 EASTING: 2100404.73
- F CHESTNUT RIDGE RD STA 149+98.22, C =
 REF LINE WL STA 40+00.00, B
 NORTHING: 618153.30
 EASTING: 2100410.98
- G REF LINE WL STA 40+28.69, 16.00' LT =
 REF LINE NW STA 400+00.00, B
 NORTHING: 618183.59
 EASTING: 2100426.03
- H REF LINE NL STA 50+67.62, 12.00' LT =
 REF LINE NW STA 401+84.57, B
 NORTHING: 618331.85
 EASTING: 2100519.76
- I SR 83 STA 254+28.95, C =
 REF LINE NL STA 52+25.97, B
 NORTHING: 618491.22
 EASTING: 2100540.31
- J SR 83 STA 253+78.71, C =
 REF LINE NR STA 61+78.56, B
 NORTHING: 618441.00
 EASTING: 2100539.46
- K REF LINE NR STA 61+16.26, 12.00' RT =
 REF LINE NE STA 500+00.00, B
 NORTHING: 618378.16
 EASTING: 2100548.21
- L REF LINE EL STA 70+59.35, 12.00' LT =
 REF LINE NE STA 501+93.19, B
 NORTHING: 618261.53
 EASTING: 2100646.68
- M CHESTNUT RIDGE RD STA 153+13.80, C =
 REF LINE EL STA 71+11.50, B
 NORTHING: 618283.94
 EASTING: 2100693.41
- N CHESTNUT RIDGE RD STA 152+86.83, C =
 REF LINE ER STA 80+95.26, B
 NORTHING: 618264.65
 EASTING: 2100674.57
- O CHESTNUT RIDGE RD STA 152+94.38, 12.00' RT =
 REF LINE SW STA 600+00.00, B
 NORTHING: 618261.48
 EASTING: 2100688.53
- P REF LINE SR STA 11+27.52, 12.00' RT =
 REF LINE SE STA 602+32.02, B
 NORTHING: 618080.45
 EASTING: 2100554.27

REF. LINE	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ	Δc	TANGENT LENGTH (FT)	ARC LENGTH (FT)	RADIUS (FT)	BEGIN CURVE	END CURVE
CC	90+00.00	618152.99	2100499.12	360° 00' 00" (RT)	88° 08' 50"	N/A	408.42	65.00	90+00.00	94+08.42
EL	70+21.29	618233.28	2100618.33	28° 48' 07" (LT)	71° 37' 11"	21.29	41.61	80.00	70+00.00	70+41.61
	70+76.92	618258.39	2100669.05	20° 01' 18" (LT)	28° 38' 52"	35.30	69.89	200.00	70+41.61	71+11.50
ER	NO CURVE									
NE	500+52.44	618325.80	2100545.49	29° 22' 59" (LT)	28° 38' 52"	52.44	102.57	200.00	500+00.00	501+02.57
	501+44.74	618241.06	2100587.56	80° 17' 23" (LT)	114° 35' 30"	42.17	70.07	50.00	501+02.57	501+72.63
	501+82.97	618256.14	2100637.86	14° 43' 33" (LT)	71° 37' 11"	10.34	20.56	80.00	501+72.63	501+82.97
NL	50+30.27	618295.10	2100538.69	33° 41' 02" (LT)	57° 17' 45"	30.27	58.79	100.00	50+00.00	50+58.79
	50+94.17	618359.61	2100526.52	20° 03' 59" (RT)	28° 38' 52"	35.39	70.05	200.00	50+58.79	51+28.84
	51+77.51	618442.55	2100540.22	09° 16' 33" (LT)	09° 32' 57"	48.67	97.14	600.00	51+28.84	52+25.97
NR	60+32.79	618295.65	2100544.36	14° 56' 47" (RT)	22° 55' 06"	32.79	65.22	250.00	60+00.00	60+65.22
	60+87.44	618349.81	2100534.72	13° 04' 11" (RT)	29° 32' 02"	22.22	44.25	194.00	60+65.22	61+09.47
NW	400+42.48	618205.66	2100462.33	23° 59' 05" (LT)	28° 38' 52"	42.48	83.72	200.00	400+00.00	400+83.72
	400+88.86	618244.80	2100489.45	09° 02' 16" (RT)	88° 08' 50"	5.14	10.25	65.00	400+83.72	400+93.98
	401+42.65	618283.67	2100526.66	51° 54' 32" (LT)	57° 17' 45"	48.67	90.60	100.00	400+93.98	401+84.57
SE	601+46.49	618157.26	2100585.58	01° 32' 11" (RT)	88° 08' 50"	0.87	1.74	65.00	601+45.62	601+47.36
	601+92.42	618125.47	2100552.44	48° 30' 30" (LT)	57° 17' 45"	45.06	84.66	100.00	601+47.36	602+32.02
SL	21+43.72	618106.84	2100535.30	21° 18' 36" (LT)	28° 38' 52"	37.63	74.39	200.00	21+06.09	21+80.48
SR	10+31.92	617984.45	2100539.39	03° 39' 25" (RT)	05° 43' 46"	31.92	63.83	1,000.00	10+00.00	10+63.83
	11+01.43	618053.82	2100543.95	07° 10' 27" (LT)	09° 33' 10"	37.60	75.10	599.77	10+63.83	11+38.93
	11+64.19	618116.57	2100540.20	28° 21' 40" (RT)	57° 17' 45"	25.27	49.50	100.00	11+38.93	11+88.43
SW	300+33.65	618088.05	2100523.82	19° 05' 55" (LT)	28° 38' 52"	33.65	66.67	200.00	300+00.00	300+66.67
	301+07.80	618158.00	2100497.37	78° 53' 25" (LT)	114° 35' 30"	41.14	68.84	50.00	300+66.67	301+35.51
	301+72.73	618144.93	2100420.12	40° 49' 30" (LT)	57° 17' 45"	37.21	71.25	100.00	301+35.51	302+06.76
WL	40+16.42	618163.75	2100423.64	09° 23' 08" (RT)	28° 38' 52"	16.42	32.76	200.00	40+00.00	40+32.76
	40+56.16	618183.74	2100458.08	13° 20' 52" (LT)	28° 38' 52"	23.40	46.59	200.00	40+32.76	40+79.35
WR	30+44.83	618177.86	2100438.11	48° 17' 51" (RT)	57° 17' 45"	44.83	84.29	100.00	30+00.00	30+84.29



ROUNDABOUT GEOMETRIC LAYOUT

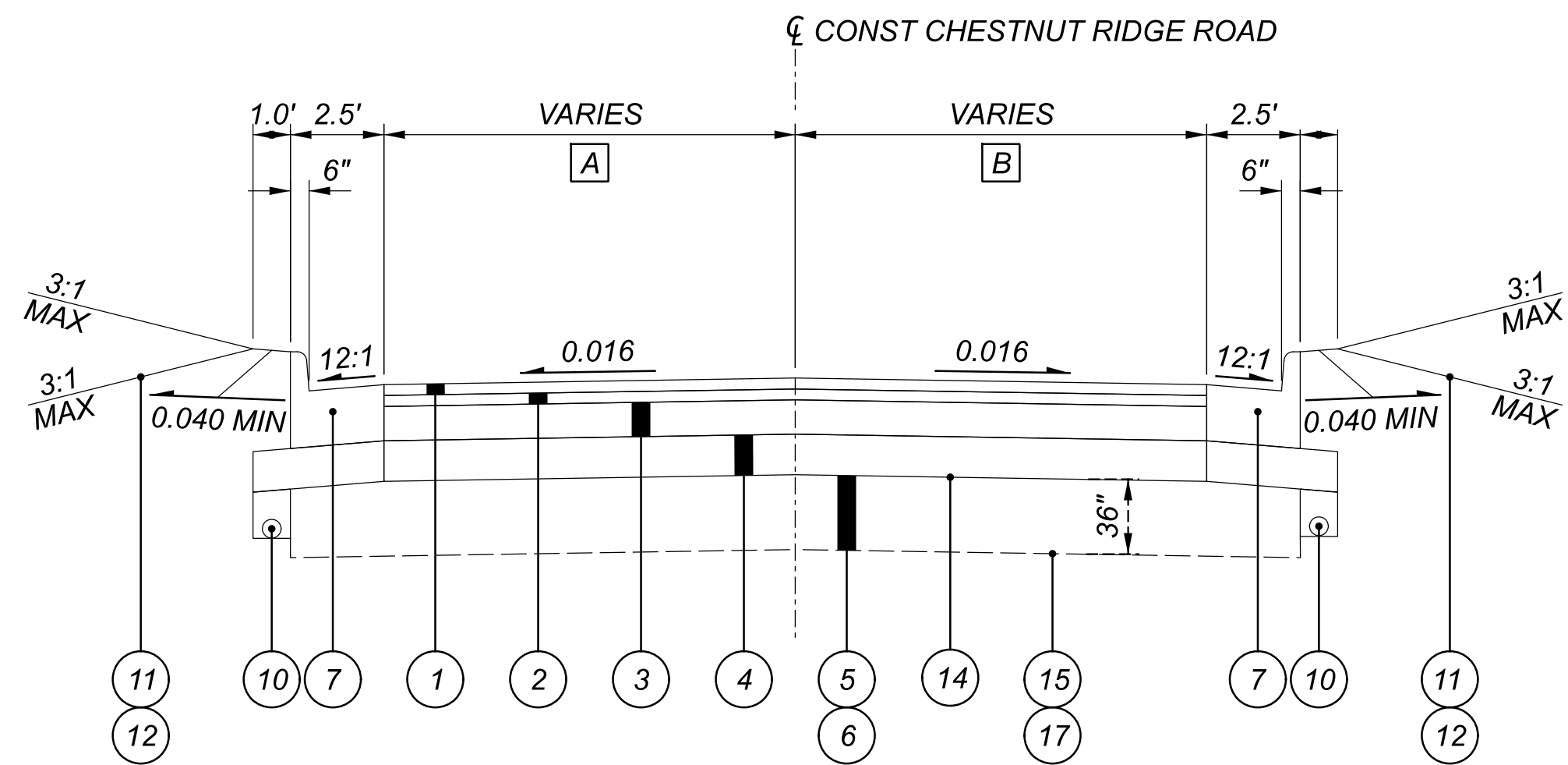
DESIGN AGENCY
STRUCTUREPOINT
 INC.

DESIGNER
 JRS

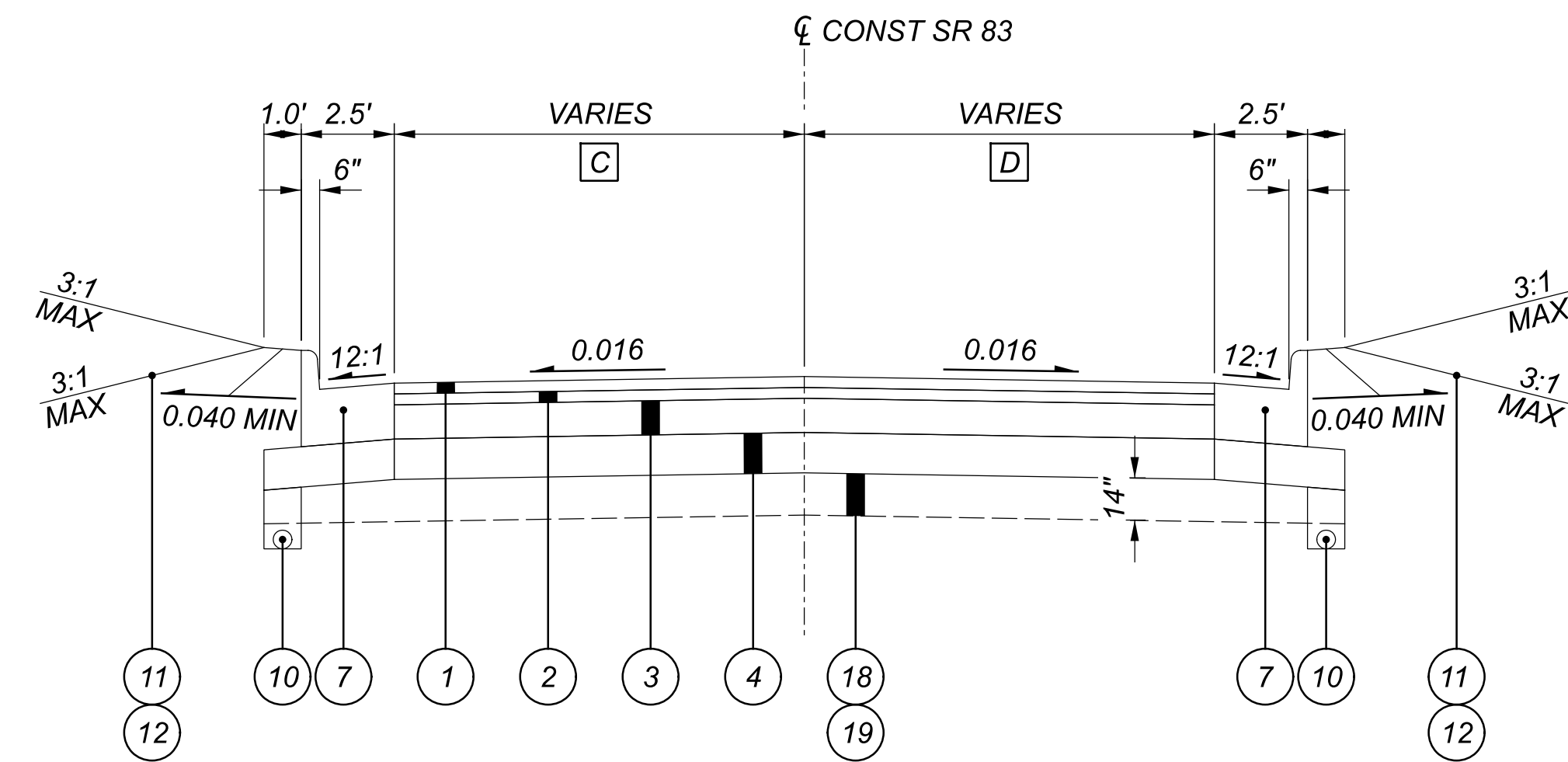
REVIEWER
 AJL 01/31/22

PROJECT ID
 114797

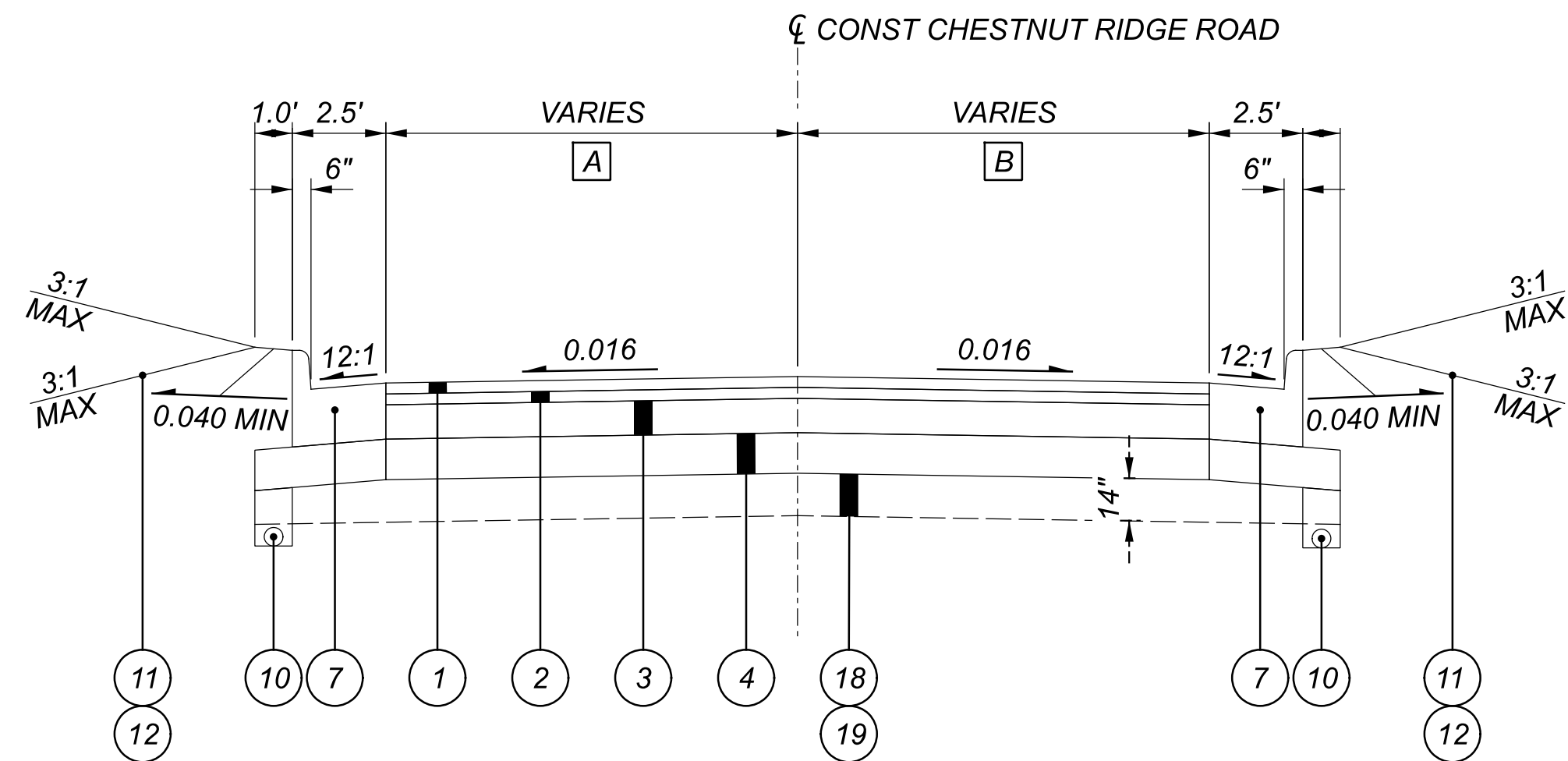
SHEET TOTAL
 P.3 52



TYPICAL SECTION - CHESTNUT RIDGE ROAD
STA 146+25 TO STA 150+29.28



TYPICAL SECTION - SR 83
STA 248+60.00 TO STA 250+02.40
STA 253+07.48 TO STA 254+94.39



TYPICAL SECTION - CHESTNUT RIDGE ROAD
STA 152+55.25 TO STA 154+41.62

- A** VARIES FROM 11.2' AT STA 146+25 TO 12.0' AT STA 146+62.48
12.0' FROM STA 146+62.48 TO STA 147+95.59
VARIES FROM 12.0' AT STA 147+95.59 TO 16.0' AT STA 149+05.00
16.0' FROM STA 149+05.00 TO STA 149+65.96
VARIES FROM 16.0' AT STA 149+65.96 TO 17.7' AT STA 150+29.28
VARIES FROM 15.7' AT STA 152+55.25 TO 12.0' AT STA 153+13.80
12.0' FROM STA 153+13.80 TO STA 154+41.62
- B** VARIES FROM 9.3' AT STA 146+25.00 TO 12.0' AT STA 147+00.00
12.0' FROM STA 147+00.00 TO STA 147+75.00
VARIES FROM 12.0' AT STA 147+75.00 TO 16.0' AT STA 149+05.00
16.0' FROM STA 149+05.00 TO STA 149+60.14
VARIES FROM 16.0' AT STA 149+60.14 TO 23.0' AT STA 150+29.28
VARIES FROM 16.6' AT STA 152+55.25 TO 12.0' AT STA 152+94.38
12.0' FROM STA 152+94.38 TO STA 153+14.78
VARIES FROM 12.0' FROM STA 153+14.78 TO 9.3' AT STA 154+41.62
- C** VARIES FROM 11.3' AT STA 248+60.00 TO 15.3' AT STA 250+02.40
15.0' FROM STA 253+07.48 TO STA 253+32.06
VARIES FROM 15.0' AT STA 253+32.06 TO 12.0' AT STA 254+28.95
12.0' FROM STA 254+28.95 TO STA 254+94.39
- D** VARIES FROM 12.6' AT STA 248+60.00 TO 12.0' AT STA 248+89.34
VARIES FROM 12.0' AT STA 248+89.34 TO 15.2' AT STA 250+02.40
VARIES FROM 15.2' AT STA 253+07.48 TO 12.0' AT STA 253+78.71
12.0' FROM STA 253+78.71 TO STA 254+94.39

TYPICAL SECTION

LEGEND

- | | | |
|--|--|---|
| ① ITEM 441 - 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) | ⑧ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 9 | ⑮ ITEM 204 - PROOF ROLLING |
| ② ITEM 441 - 1½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) | ⑨ ITEM 609 - CURB, TYPE 6 | ⑯ ITEM 204 - GEOTEXTILE FABRIC |
| ③ ITEM 301 - 5" ASPHALT CONCRETE BASE | ⑩ ITEM 605 - 6" BASE UNDERDRAIN, 707.41 | ⑰ ITEM 204 - GEOGRID |
| ④ ITEM 304 - 6" AGGREGATE BASE | ⑪ ITEM 659 - SEEDING AND MULCHING, CLASS 2 | ⑱ ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP |
| ⑤ ITEM 204 - EXCAVATION OF SUBGRADE (SEE TYPICAL SECTION FOR DEPTH) | ⑫ ITEM 659 - TOP SOIL, 4" | ⑲ ITEM 206 - CEMENT |
| ⑥ ITEM 204 - GRANULAR MATERIAL, TYPE B | ⑬ ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT MISC: 7" CONCRETE, STAMPED AND STAINED | |
| ⑦ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2 | ⑭ ITEM 204 - SUBGRADE COMPACTION | |

LOR-83-11.19

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DESIGN AGENCY

AMERICAN
STRUCTUREPOINT
INC.

DESIGNER

ZRM

REVIEWER

AJL 01/31/22

PROJECT ID

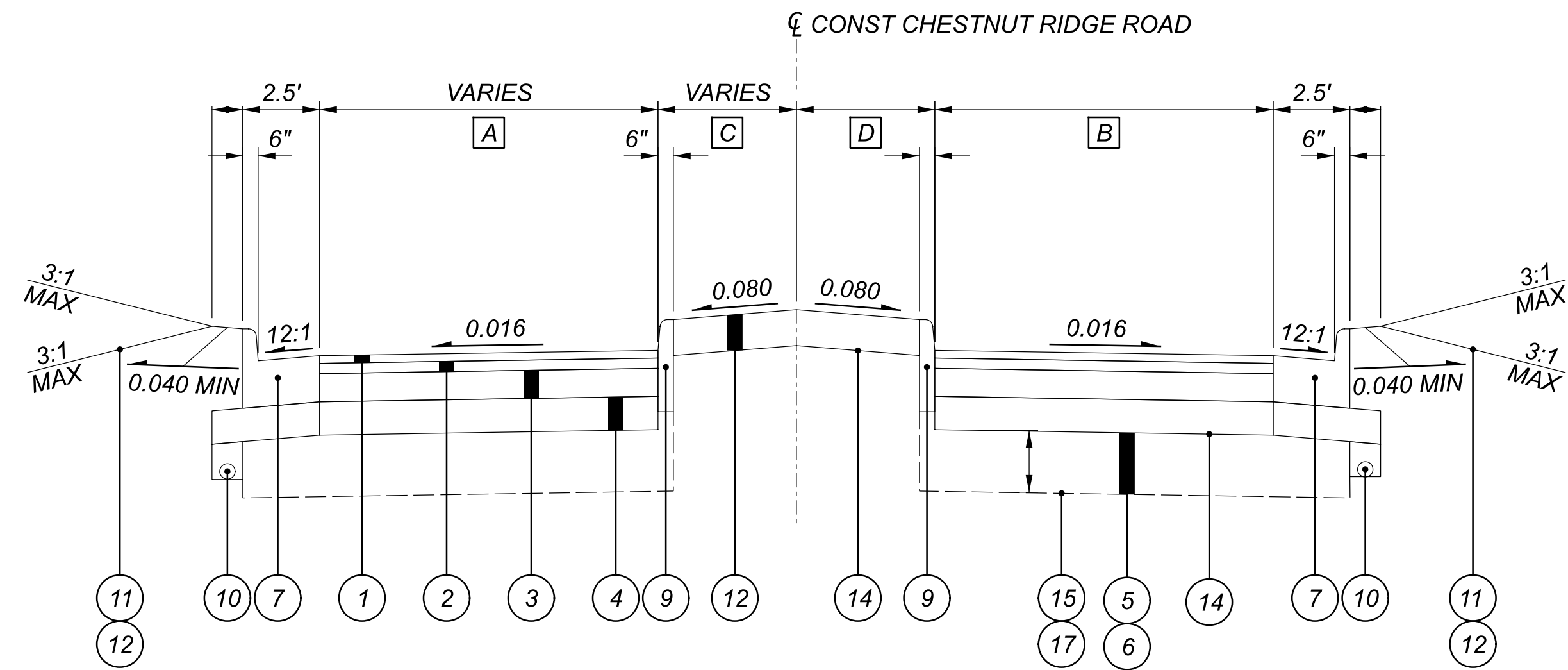
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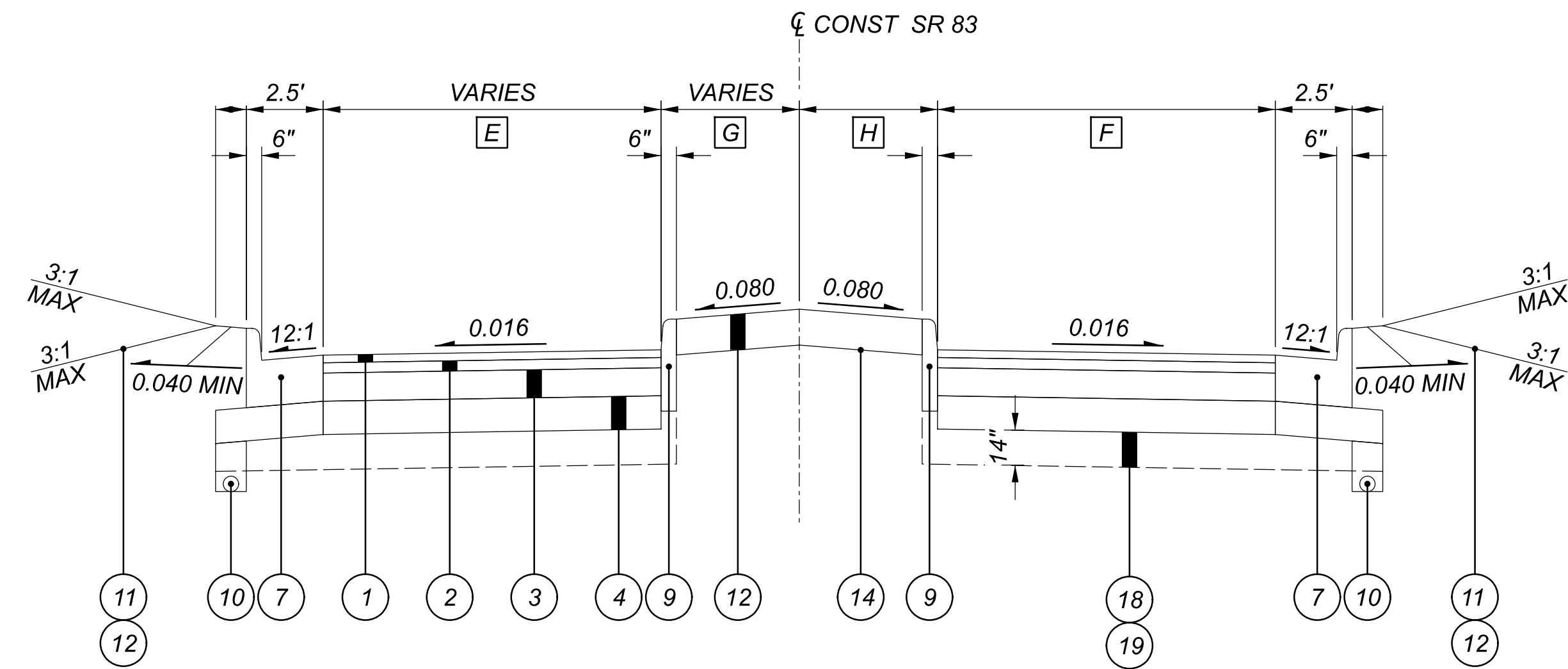
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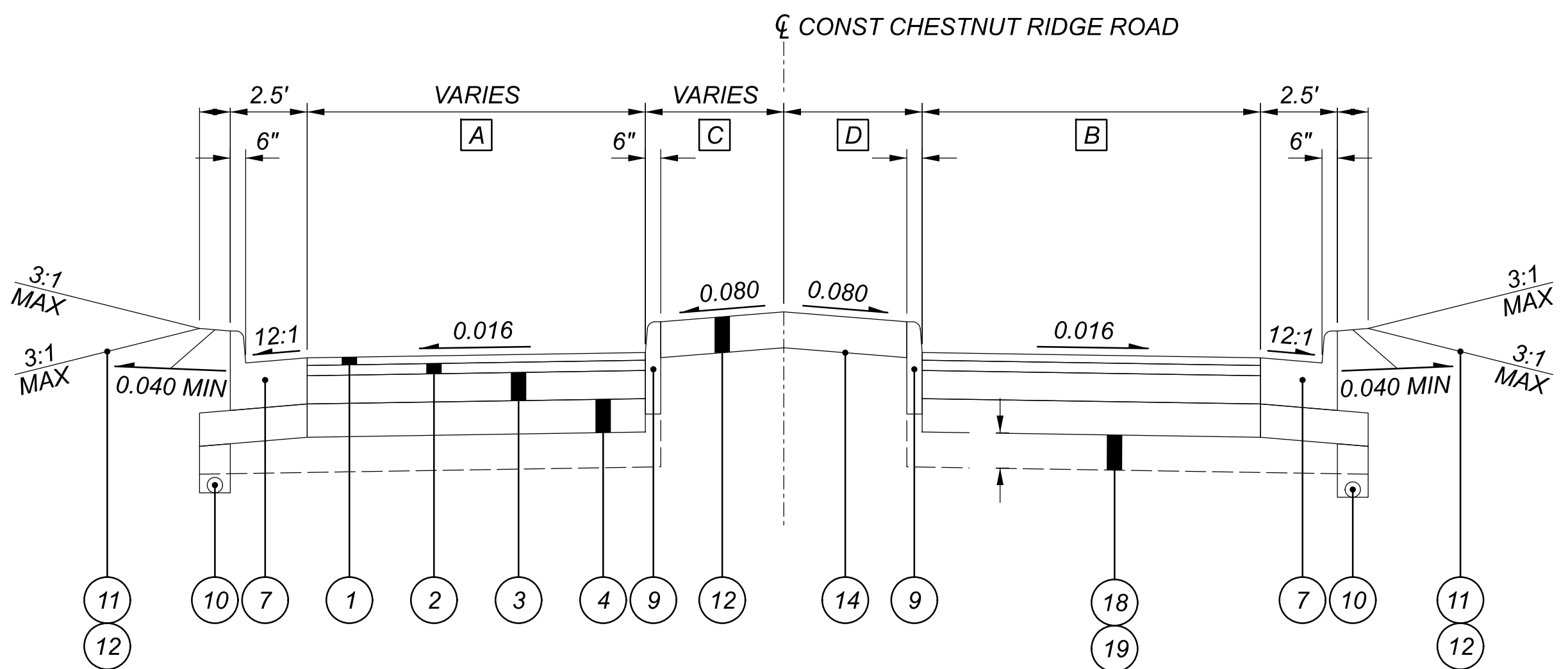
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TYPICAL SECTION - CHESTNUT RIDGE ROAD
 STA 150+29.28 TO STA 150+71.45



TYPICAL SECTION - SR 83
 STA 250+02.40 TO STA 250+74.28
 STA 252.06.51 TO STA 253+07.48

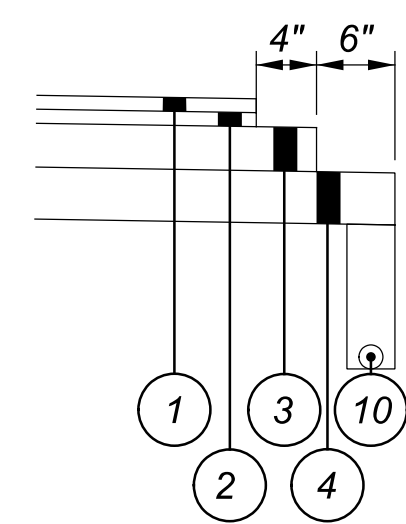


TYPICAL SECTION - CHESTNUT RIDGE ROAD
 STA 152+05.58 TO STA 152+55.52

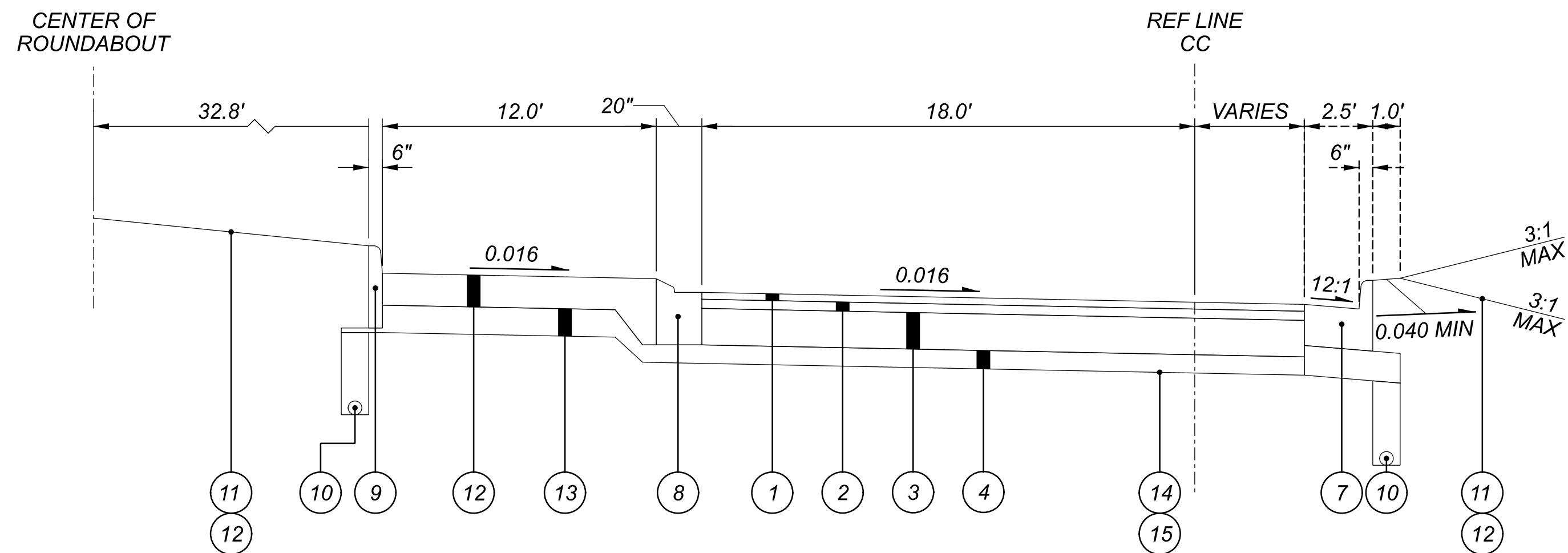
- A** VARIES FROM 17.6' AT STA 150+29.28 TO 21.8' AT STA 150+71.45
 VARIES FROM 19.4' AT STA 152+05.58 TO 15.6' AT STA 152+55.52
- B** VARIES FROM 22.7' AT STA 150+29.28 TO 25.3' AT STA 150+71.45
 VARIES FROM 20.3' AT STA 152+05.58 TO 16.2' AT STA 152+55.52
- C** VARIES FROM 0.0' AT STA 150+29.28 TO 8.1' AT STA 150+71.45
 VARIES FROM 9.3' AT STA 152+05.58 TO 0.0' AT STA 152+55.52
- D** VARIES FROM 0.0' AT STA 150+29.28 TO 8.7' AT STA 150+71.45
 VARIES FROM 14.4' AT STA 152+05.58 TO 0.0' AT STA 152+55.52
- E** VARIES FROM 15.4' AT STA 250+02.40 TO 28.75' AT STA 250+74.28
 VARIES FROM 20.9' AT STA 252+06.51 TO 15.0' AT STA 253+07.48
- F** VARIES FROM 15.2' AT STA 250+02.40 TO 21.8' AT STA 250+74.28
 VARIES FROM 22.3' AT STA 252+06.51 TO 15.2' AT STA 253+07.48
- G** VARIES FROM 0.0' AT STA 250+02.40 TO 9.5' AT STA 250+74.28
 VARIES FROM 9.5' AT STA 252+06.51 TO 0.0' AT STA 253+07.48
- H** VARIES FROM 0.0' AT STA 250+02.40 TO 8.1' AT STA 250+74.28
 VARIES FROM 10.5' AT STA 252+06.51 TO 0.0' AT STA 253+07.48

LEGEND

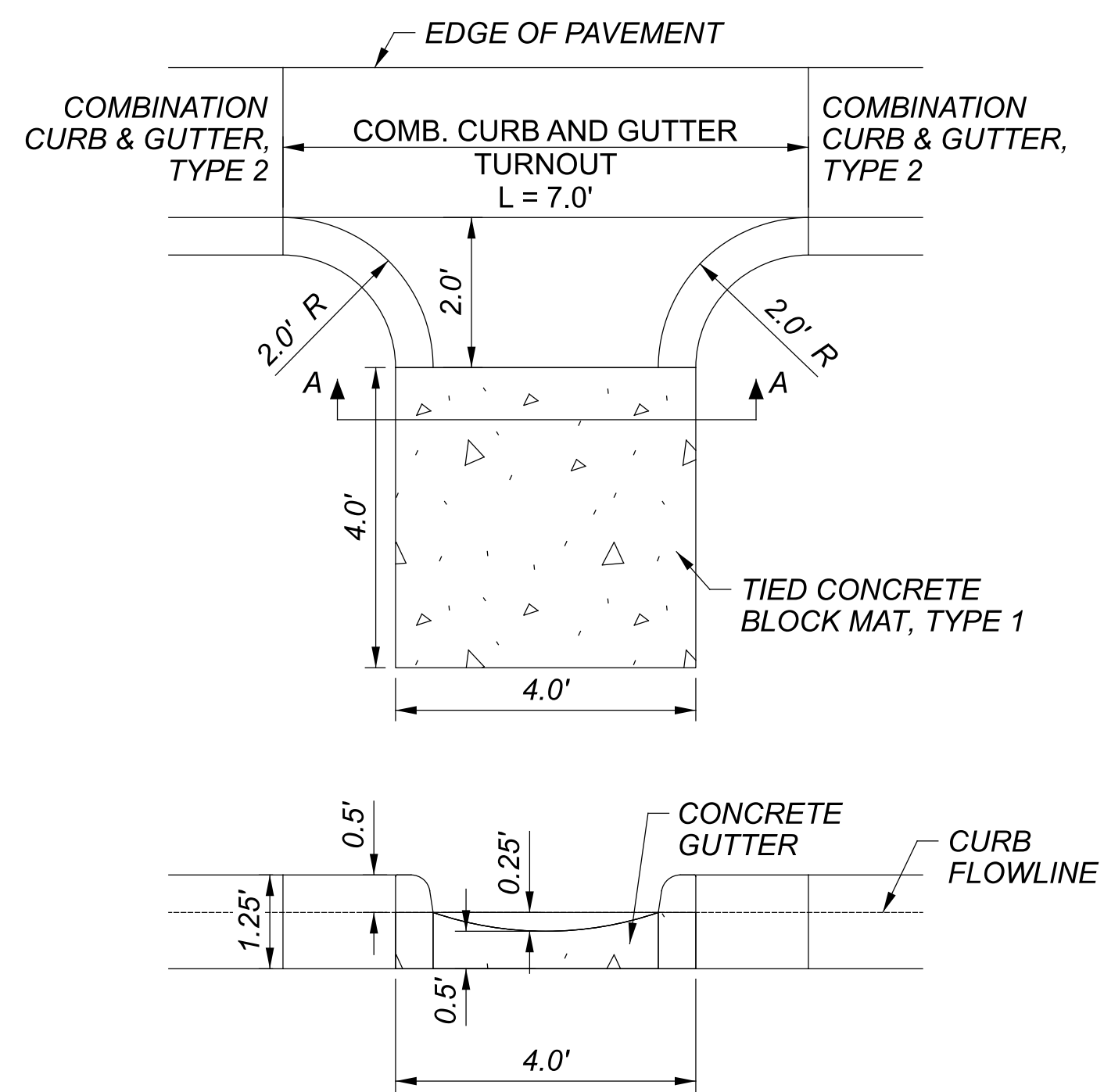
- ① ITEM 441 - 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448)
- ② ITEM 441 - 1½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)
- ③ ITEM 301 - 5" ASPHALT CONCRETE BASE
- ④ ITEM 304 - 6" AGGREGATE BASE
- ⑤ ITEM 204 - EXCAVATION OF SUBGRADE (SEE TYPICAL SECTION FOR DEPTH)
- ⑥ ITEM 204 - GRANULAR MATERIAL, TYPE B
- ⑦ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
- ⑧ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 9
- ⑨ ITEM 609 - CURB, TYPE 6
- ⑩ ITEM 605 - 6" BASE UNDERDRAIN, 707.41
- ⑪ ITEM 659 - SEEDING AND MULCHING, CLASS 2
- ⑫ ITEM 659 - TOP SOIL, 4"
- ⑬ ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT MISC: 7" CONCRETE, STAMPED AND STAINED
- ⑭ ITEM 204 - SUBGRADE COMPACTION
- ⑮ ITEM 204 - PROOF ROLLING
- ⑯ ITEM 204 - GEOTEXTILE FABRIC
- ⑰ ITEM 204 - GEOGRID
- ⑱ ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- ⑲ ITEM 206 - CEMENT



STEP DETAIL

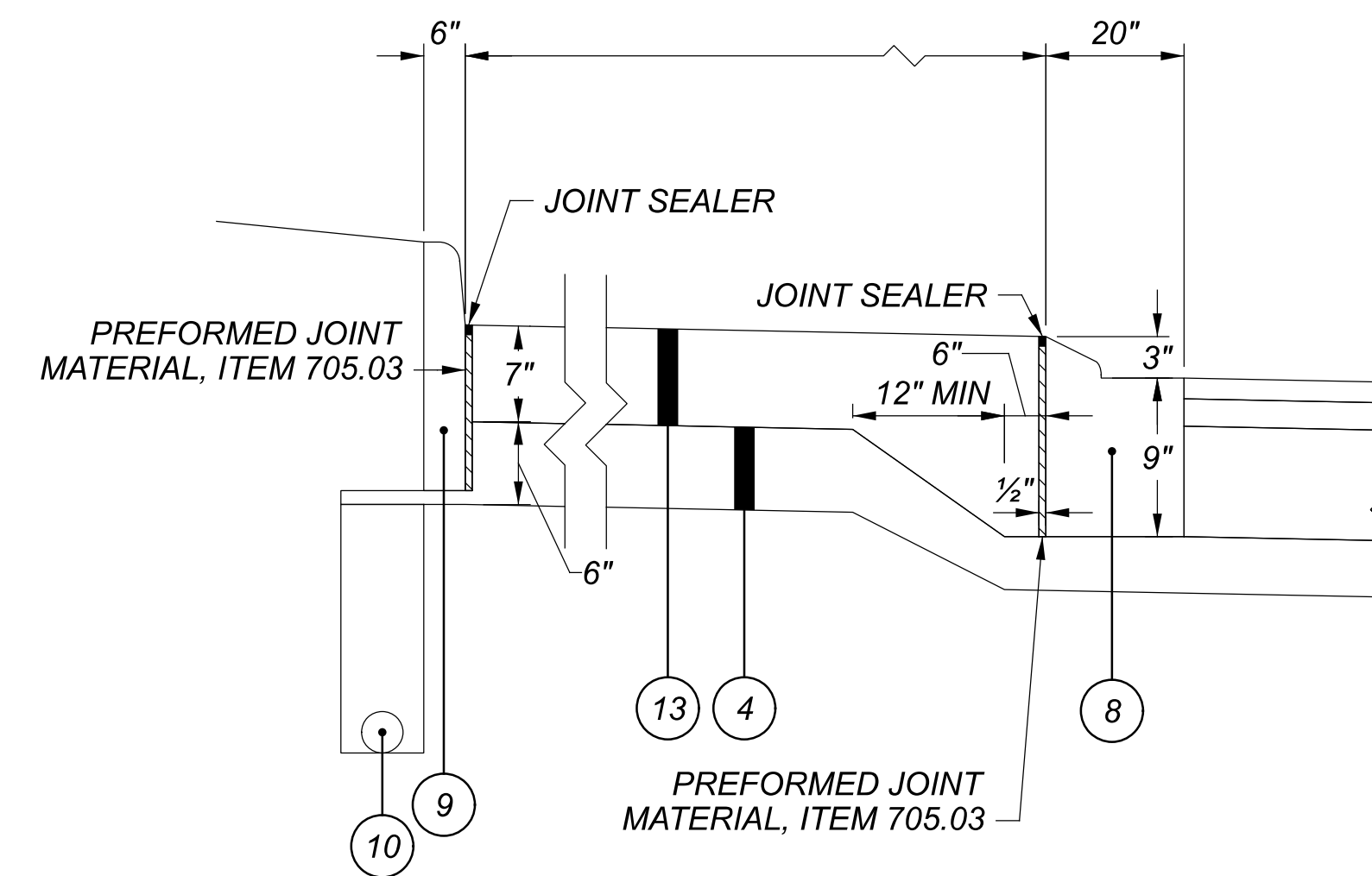


NORMAL SECTION - ROUNDABOUT



SECTION A-A

COMBINATION CURB AND GUTTER TURNOUT DETAIL



TRUCK APRON DETAIL - CONCRETE STAMPED AND STAINED

LEGEND

- | | | |
|--|--|---|
| ① ITEM 441 - 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) | ⑧ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 9 | ⑮ ITEM 204 - PROOF ROLLING |
| ② ITEM 441 - 1½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) | ⑨ ITEM 609 - CURB, TYPE 6 | ⑯ ITEM 204 - GEOTEXTILE FABRIC |
| ③ ITEM 301 - 5" ASPHALT CONCRETE BASE | ⑩ ITEM 605 - 6" BASE UNDERDRAIN, 707.41 | ⑰ ITEM 204 - GEOGRID |
| ④ ITEM 304 - 6" AGGREGATE BASE | ⑪ ITEM 659 - SEEDING AND MULCHING, CLASS 2 | ⑱ ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP |
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| ⑦ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2 | ⑭ ITEM 204 - SUBGRADE COMPACTION | |

UTILITIES

THE FOLLOWING UTILITIES MAY BE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

PAVEMENTS	CITY OF NORTH RIDGEVILLE	440-353-0842
STORM SEWERS	CITY OF NORTH RIDGEVILLE	440-353-0842
WATERLINES	CITY OF NORTH RIDGEVILLE	440-353-0842
AVON LAKE REGIONAL WATER	CARL BUSSE	440-541-8237
COLUMBIA GAS	TOPE AKINMOLADUN	605-209-9578
OHIO EDISON	MICHAEL ZANNI	440-326-3271
WOW CLEVELAND	TOM AUBRY	440-973-4375
ASPIRE ENERGY	ANTHONY D'EGIDIO	330-682-7726

THE CONTRACTOR SHALL VERIFY THE ABOVE INFORMATION WITH OHIO 811 BEFORE CONSTRUCTION BEGINS

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 2 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: VRS GNSS SURVEY
MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS 80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: STATE PLANE OHIO NORTH
COMBINED SCALE FACTOR: 0.9999164875
ORIGIN OF COORDINATE: CP 2000
SYSTEM: N:618180.711
E:2100498.350

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

GENERAL NOTES

DESIGN AGENCY



DESIGNER

ZRM

REVIEWER

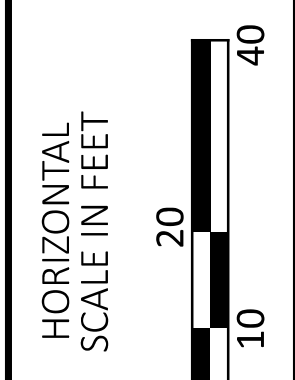
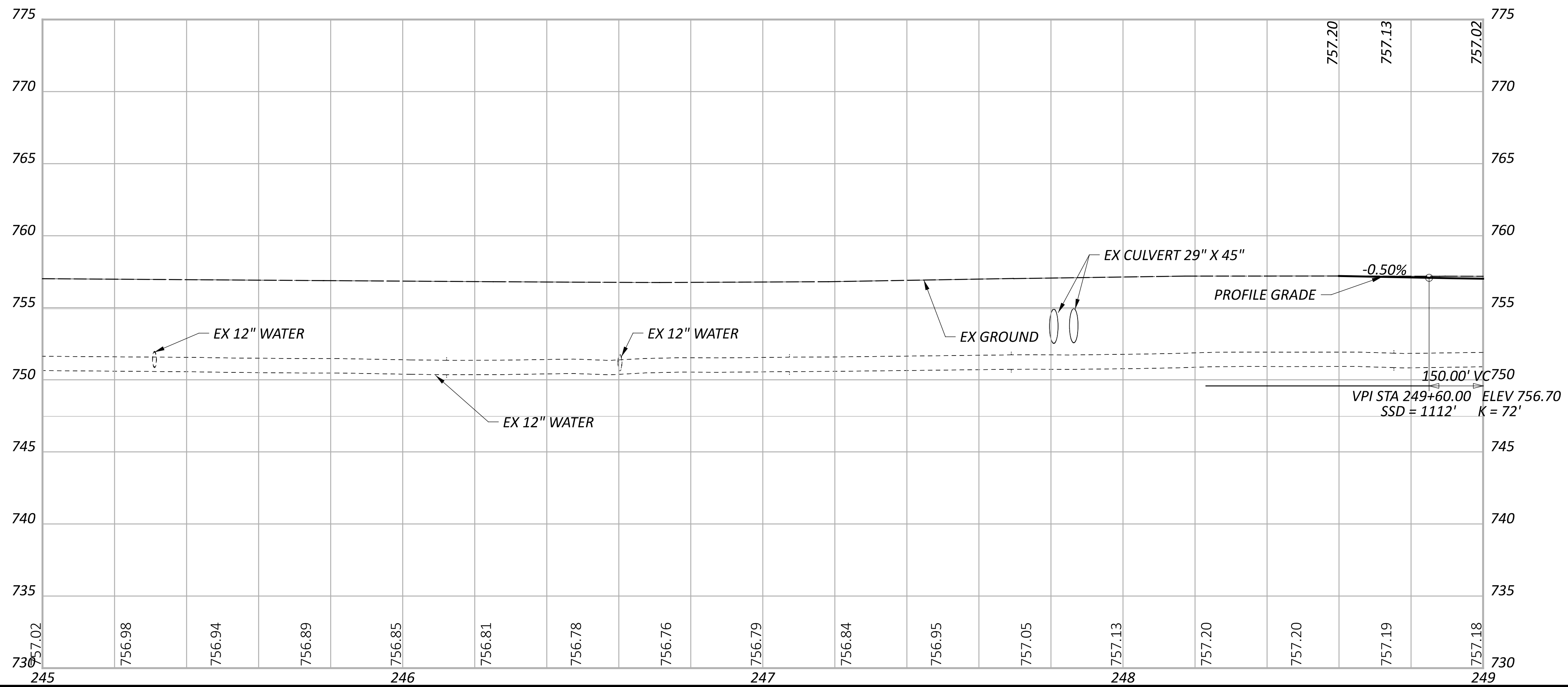
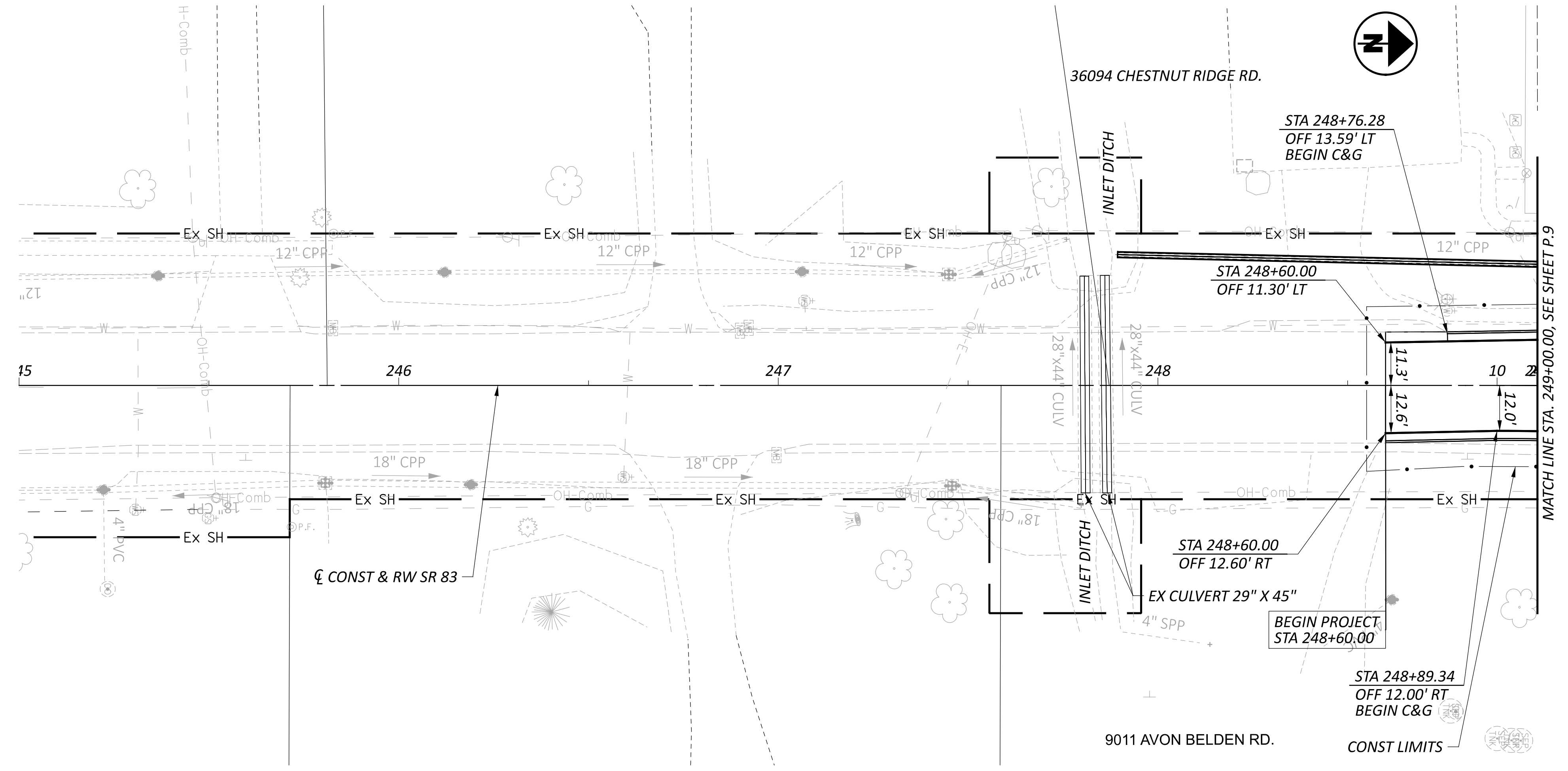
AJL 01/31/22

PROJECT ID

114797

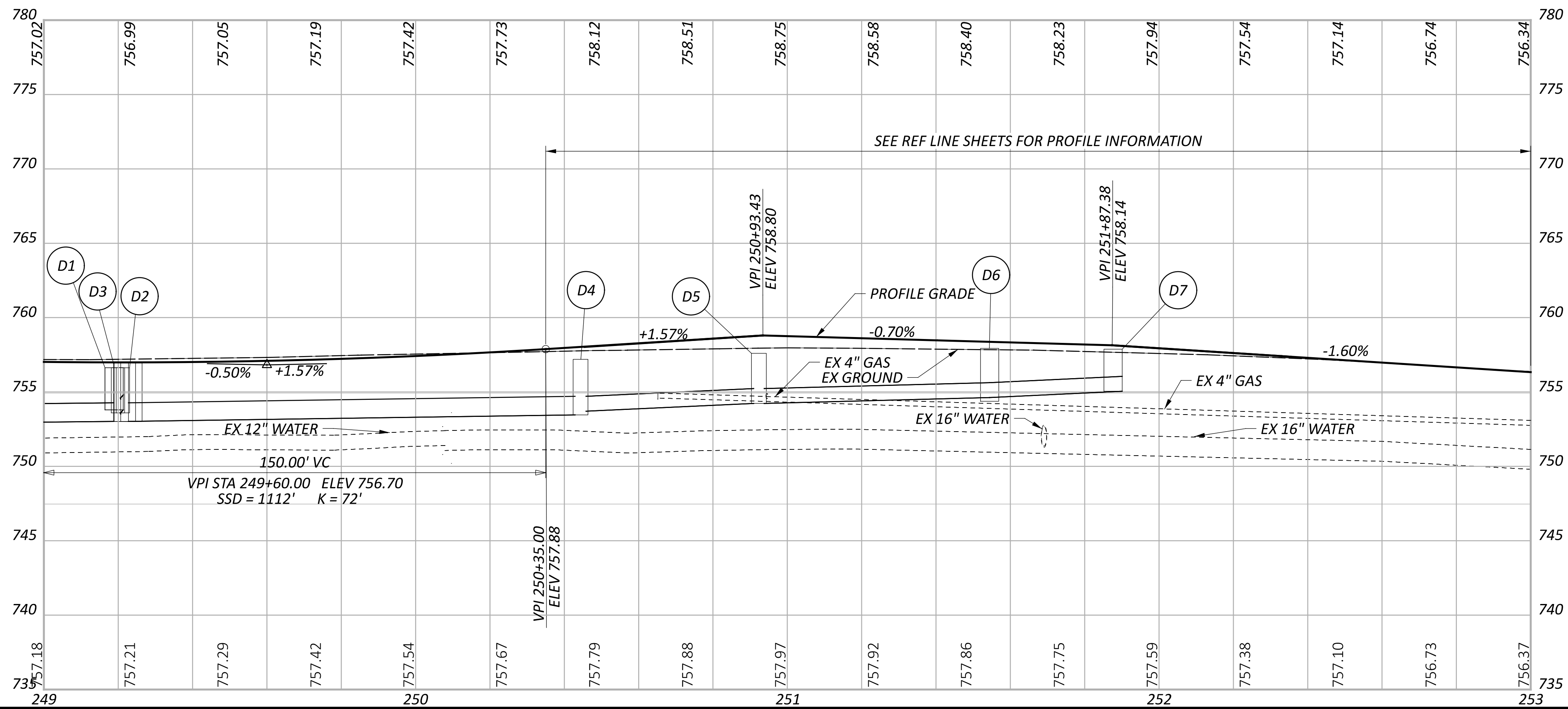
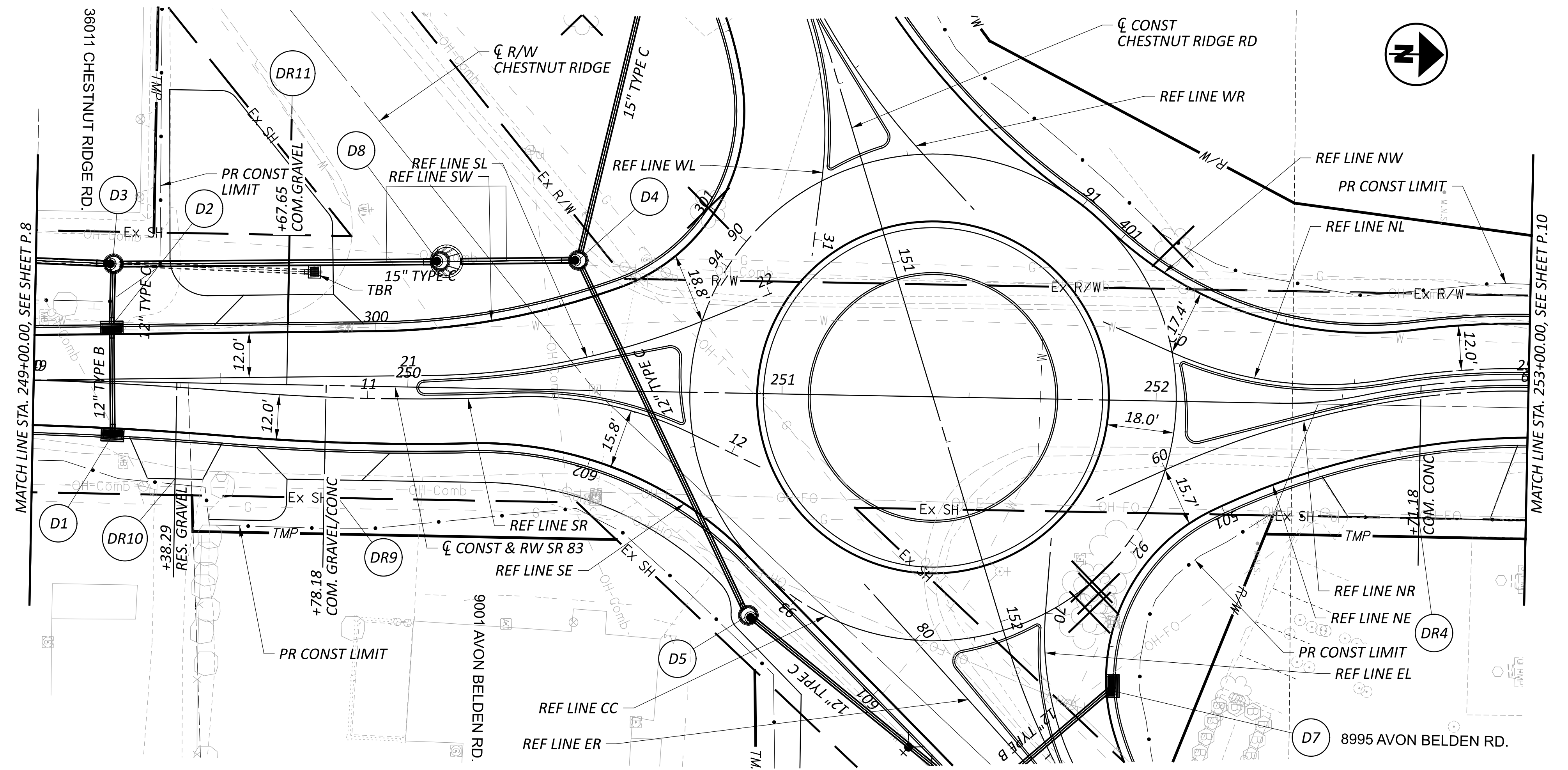
SHEET TOTAL

P.7 52



PLAN AND PROFILE - SR 83
 BEGIN PROJECT TO STA 249+00

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	
JRS	
REVIEWER	
AJL 01/31/22	
PROJECT ID	
114797	
SHEET	TOTAL
P.8	52

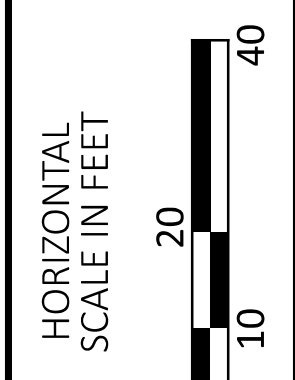
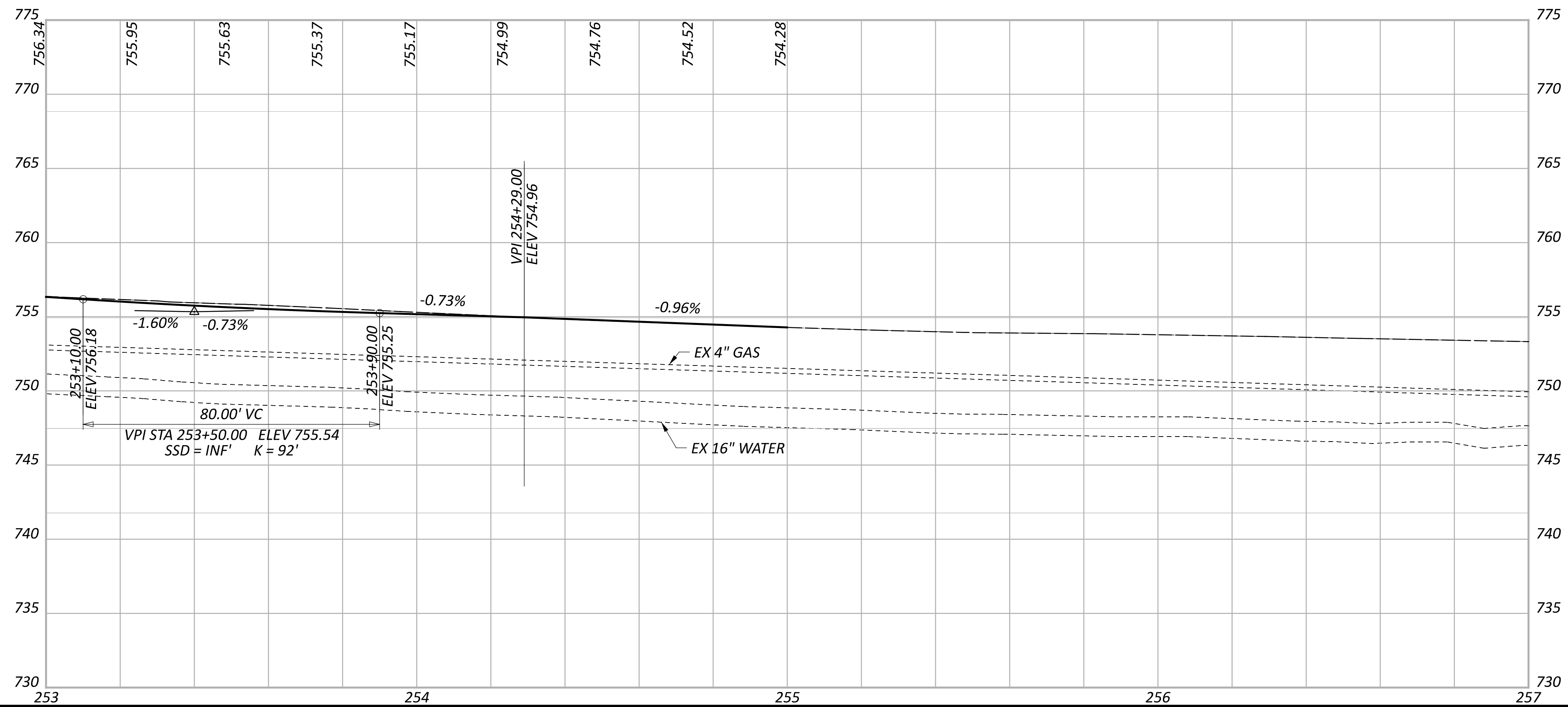
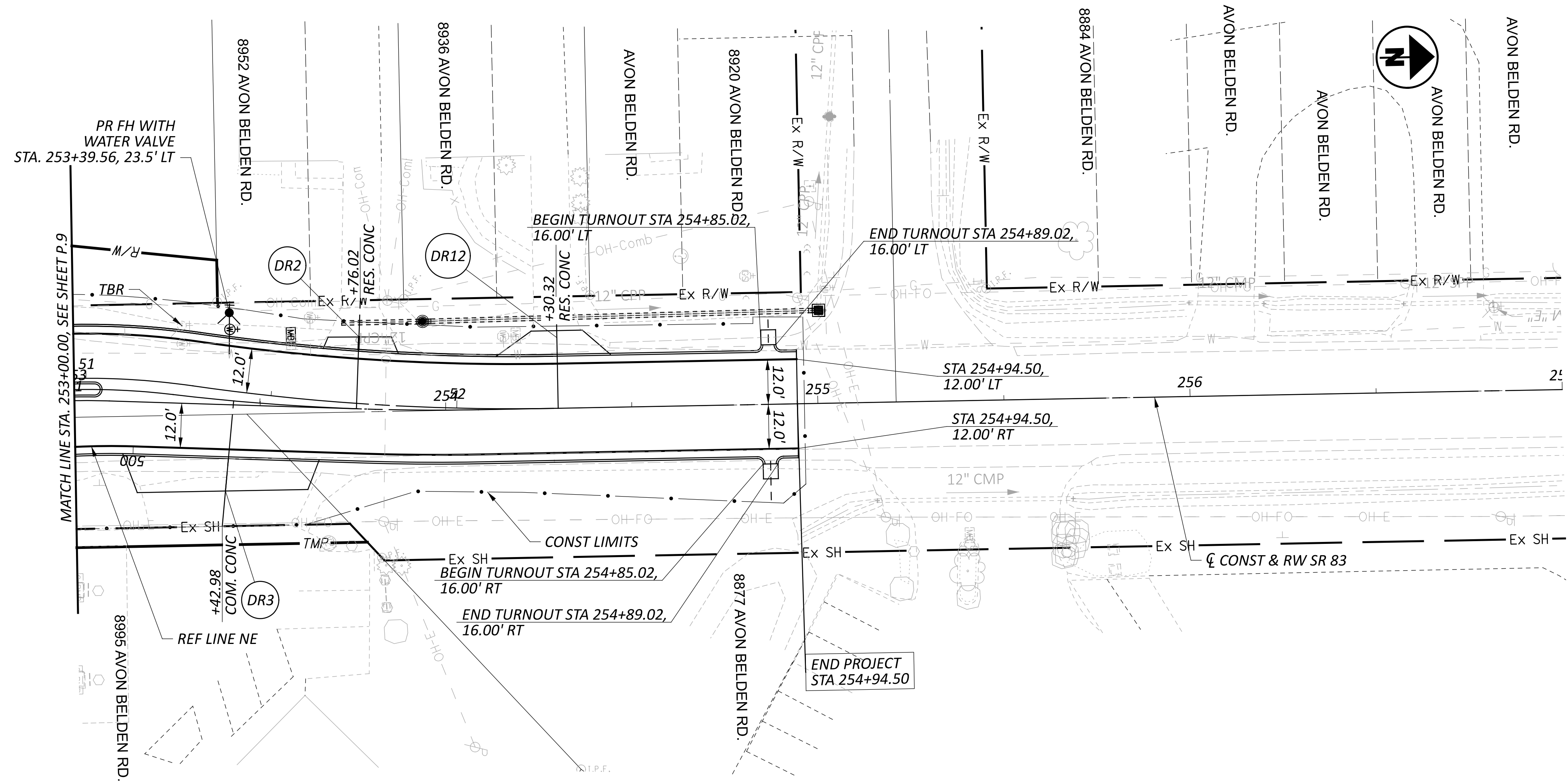


PLAN AND PROFILE - SR 83
 STA 249+00 TO STA 253+00

DESIGN AGENCY

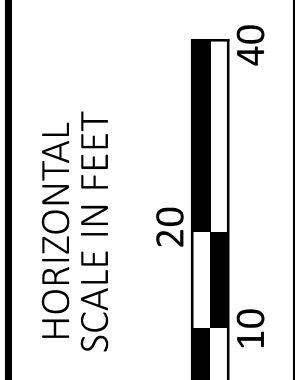
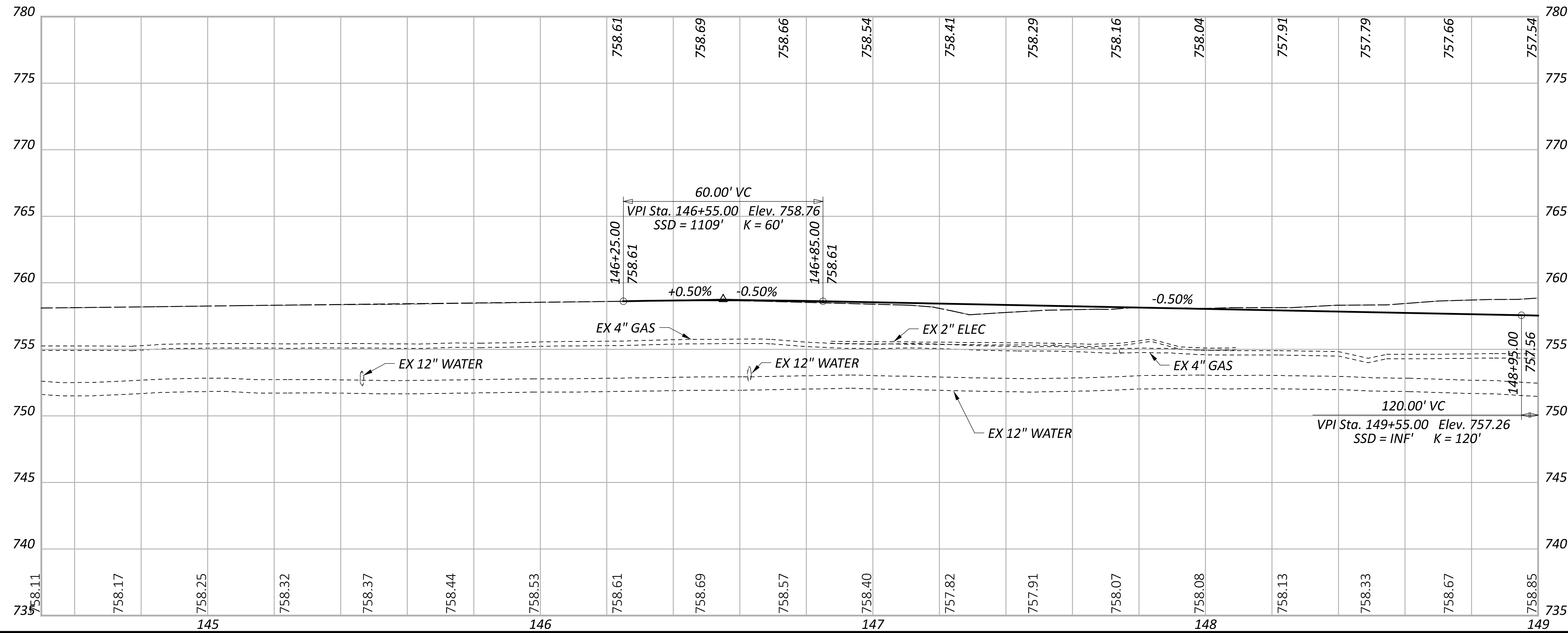
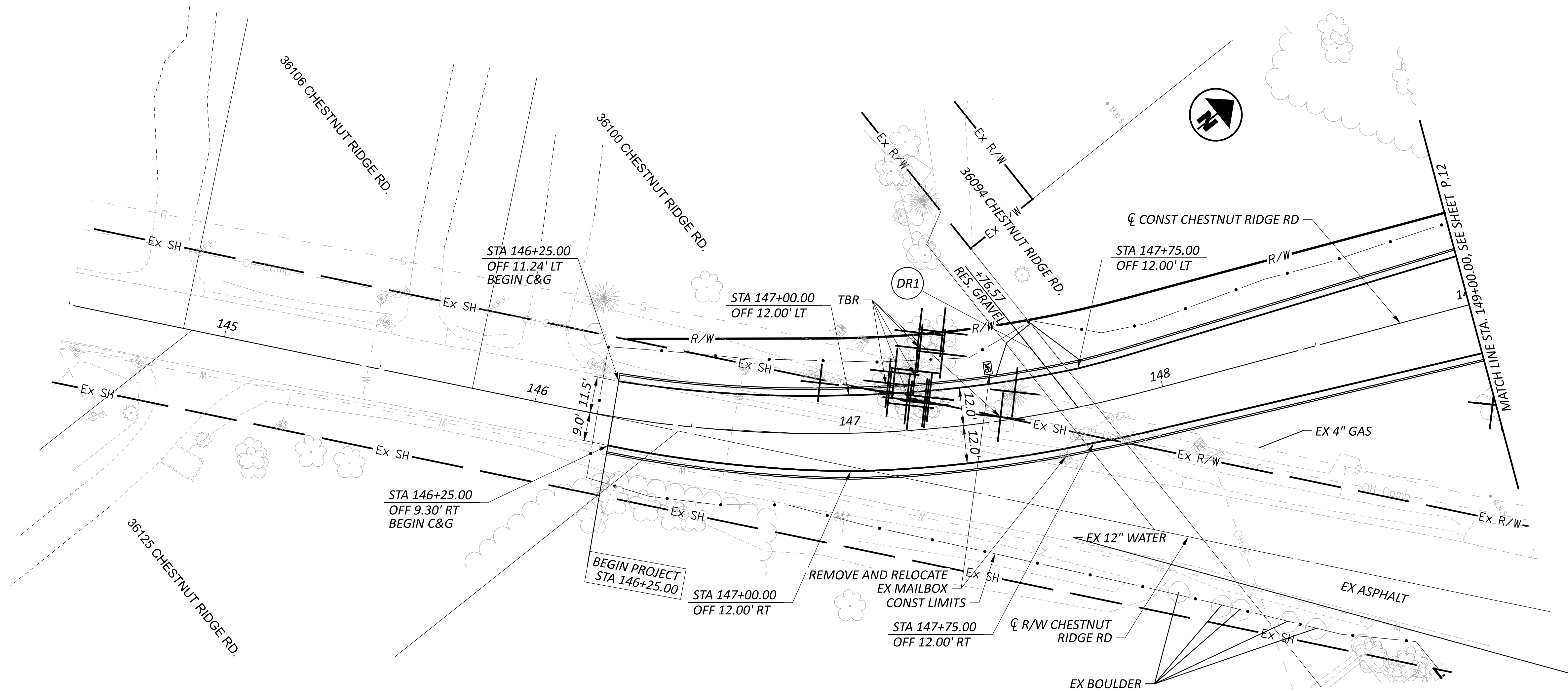


DESIGNER	JRS
REVIEWER	AJL 01/31/22
PROJECT ID	114797
SHEET	P.9
TOTAL	52



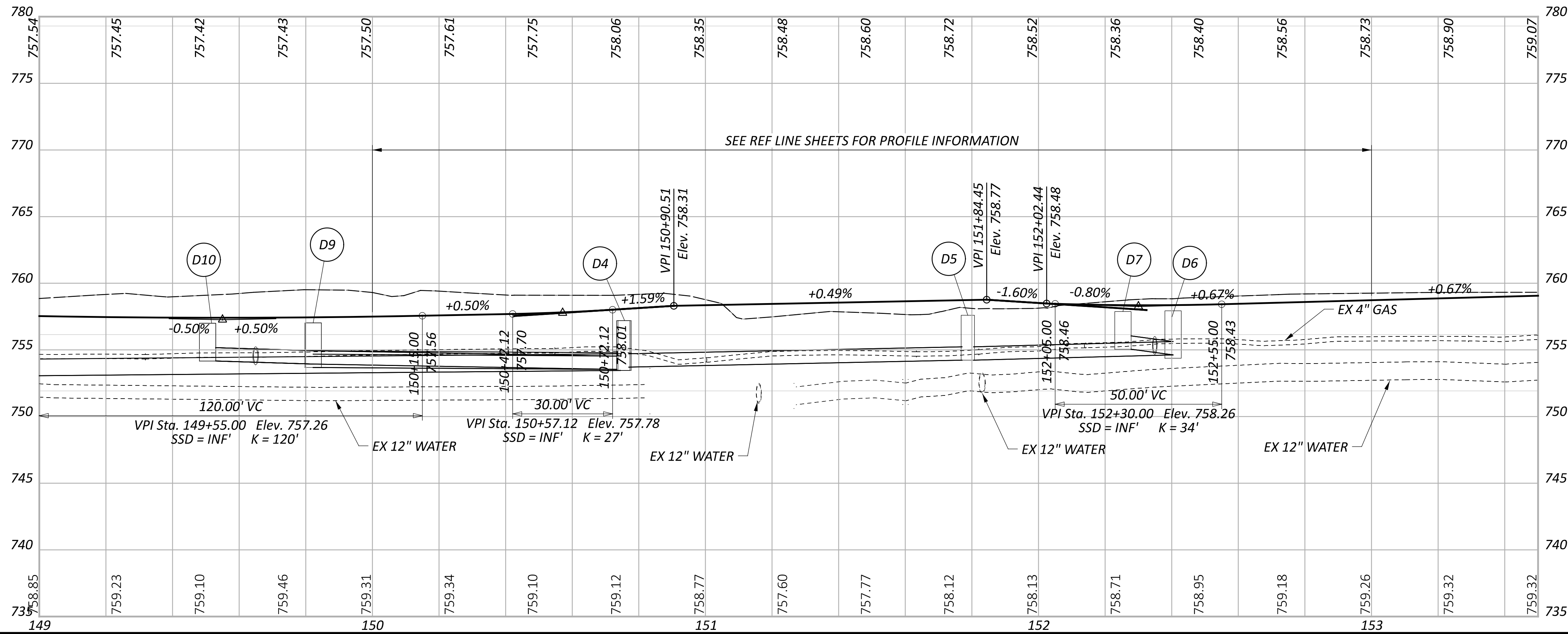
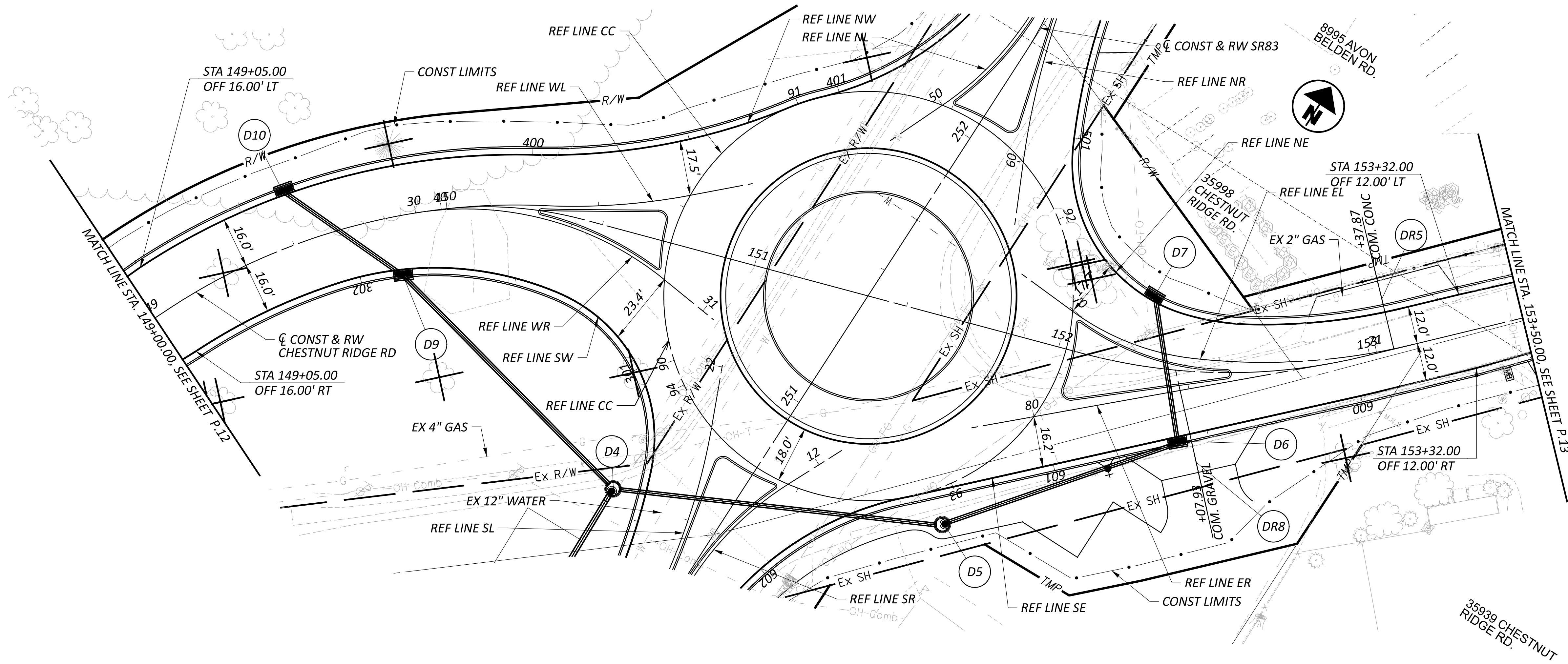
PLAN AND PROFILE - SR 83
 STA 253+00 TO END PROJECT

DESIGN AGENCY	
STRUCTUREPOINT	
DESIGNER	
JRS	
REVIEWER	
AJL 01/31/22	
PROJECT ID	
114797	
SHEET	TOTAL
P.10	52



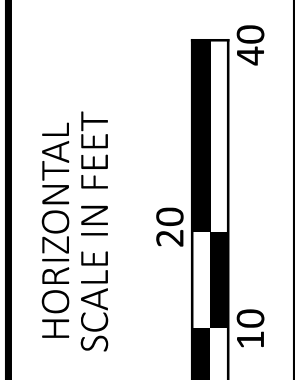
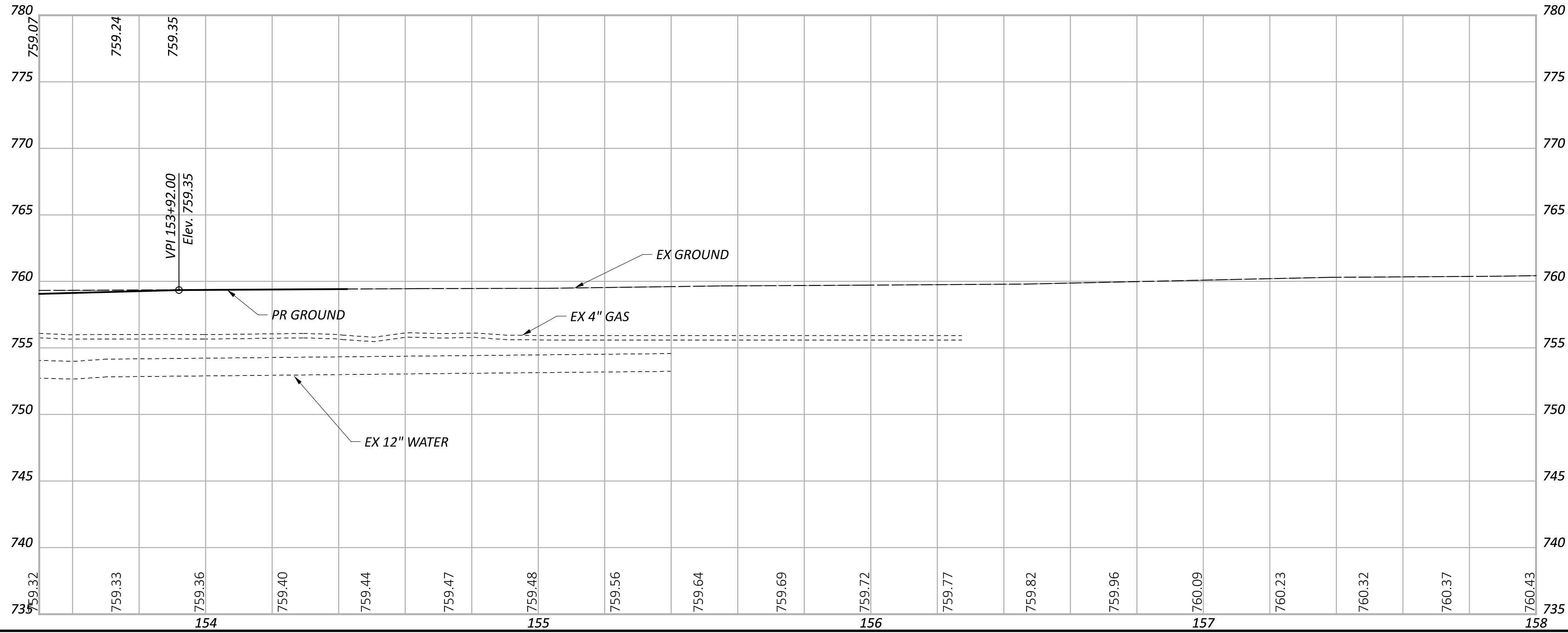
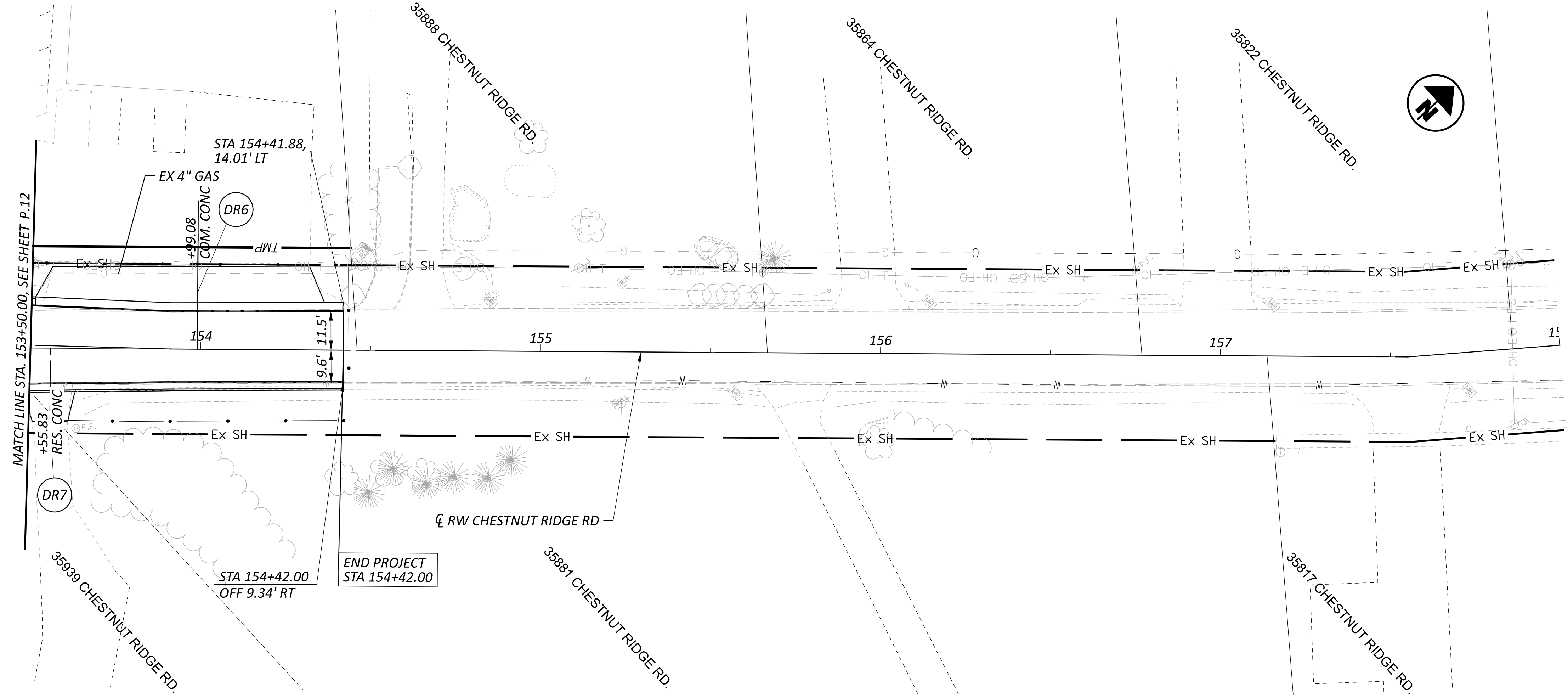
PLAN AND PROFILE - CHESTNUT RIDGE RD
 BEGIN WORK TO STA 149+00

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	
JRS	
REVIEWER	
AJL 01/31/22	
PROJECT ID	
114797	
SHEET	TOTAL
P.11	52



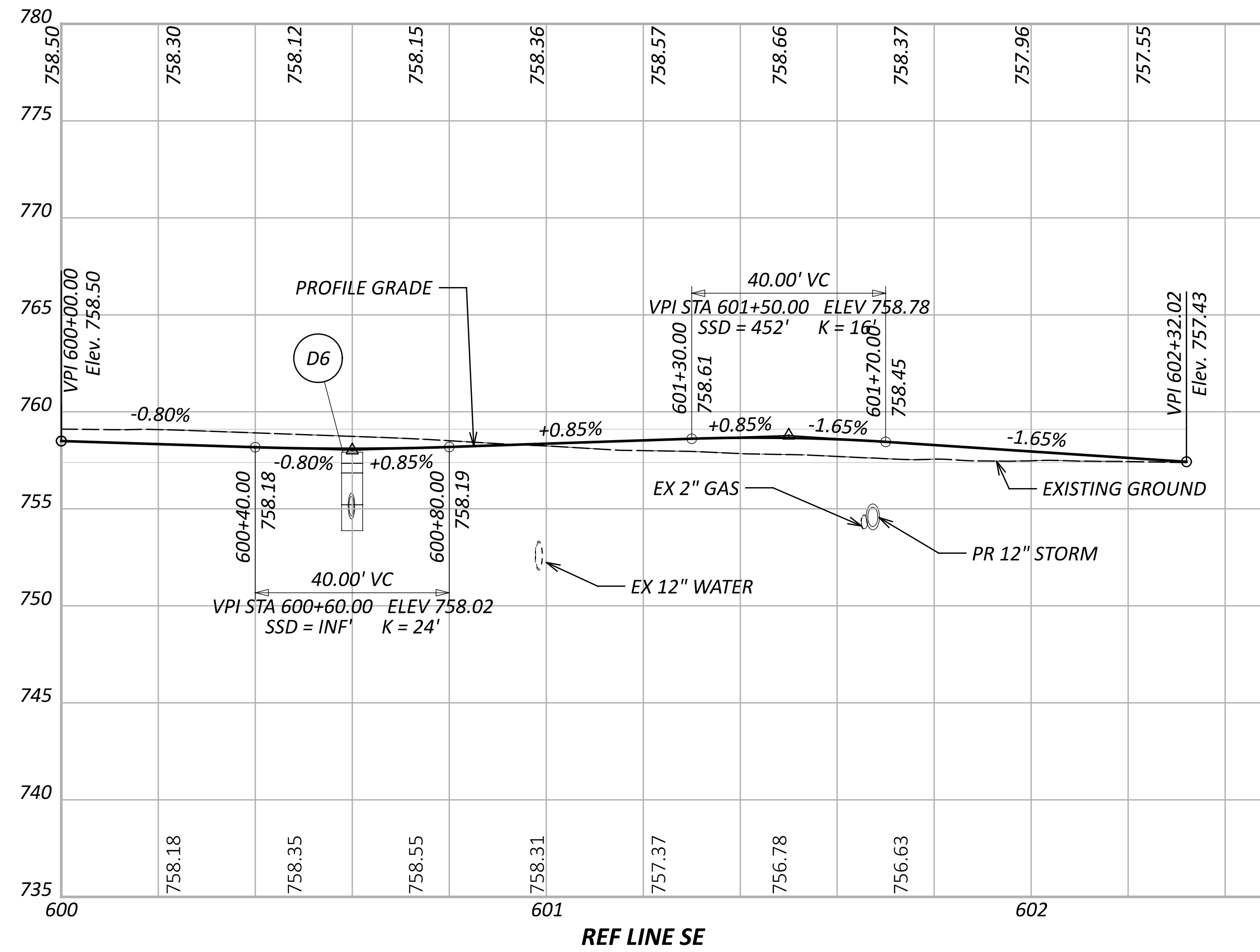
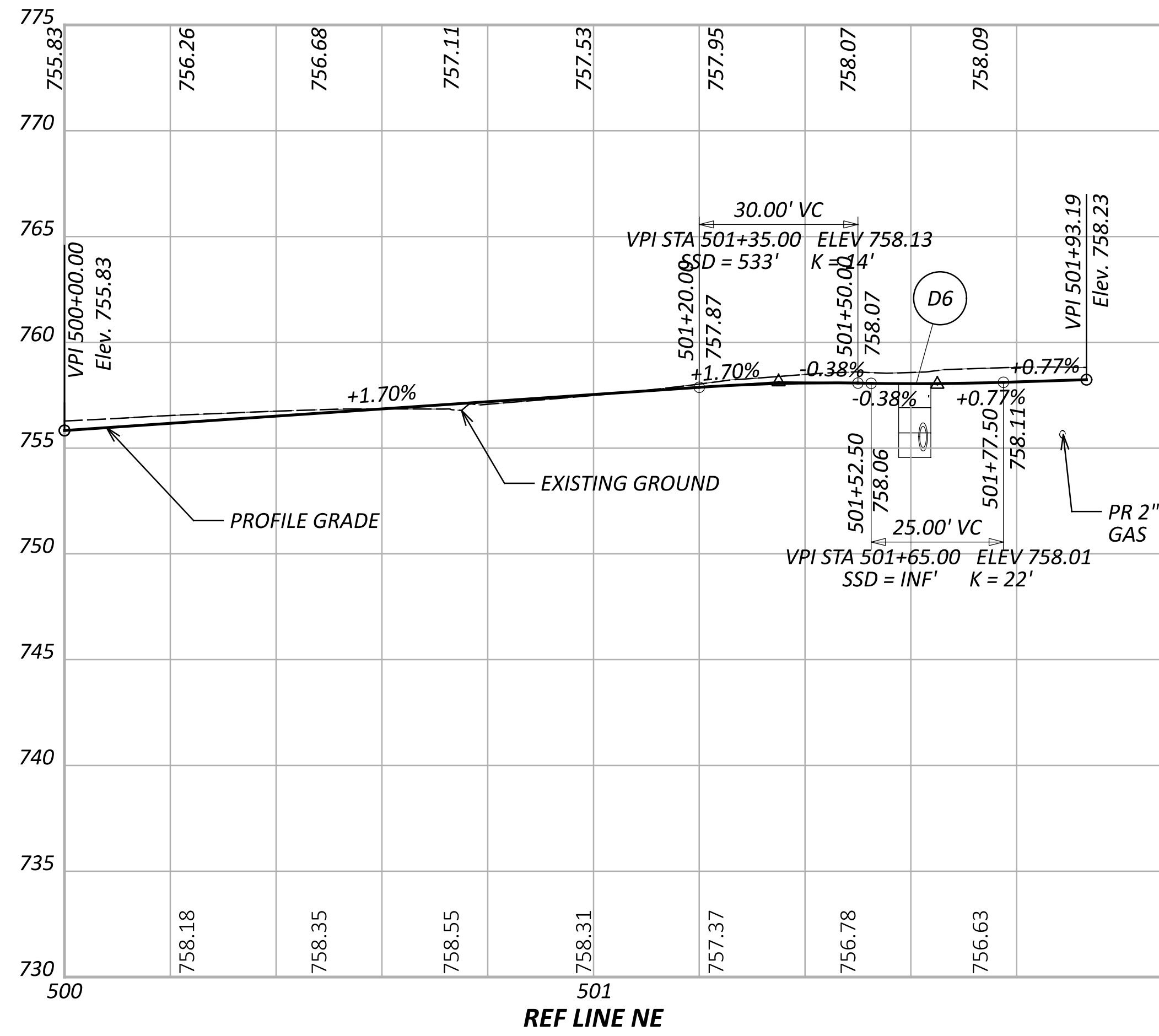
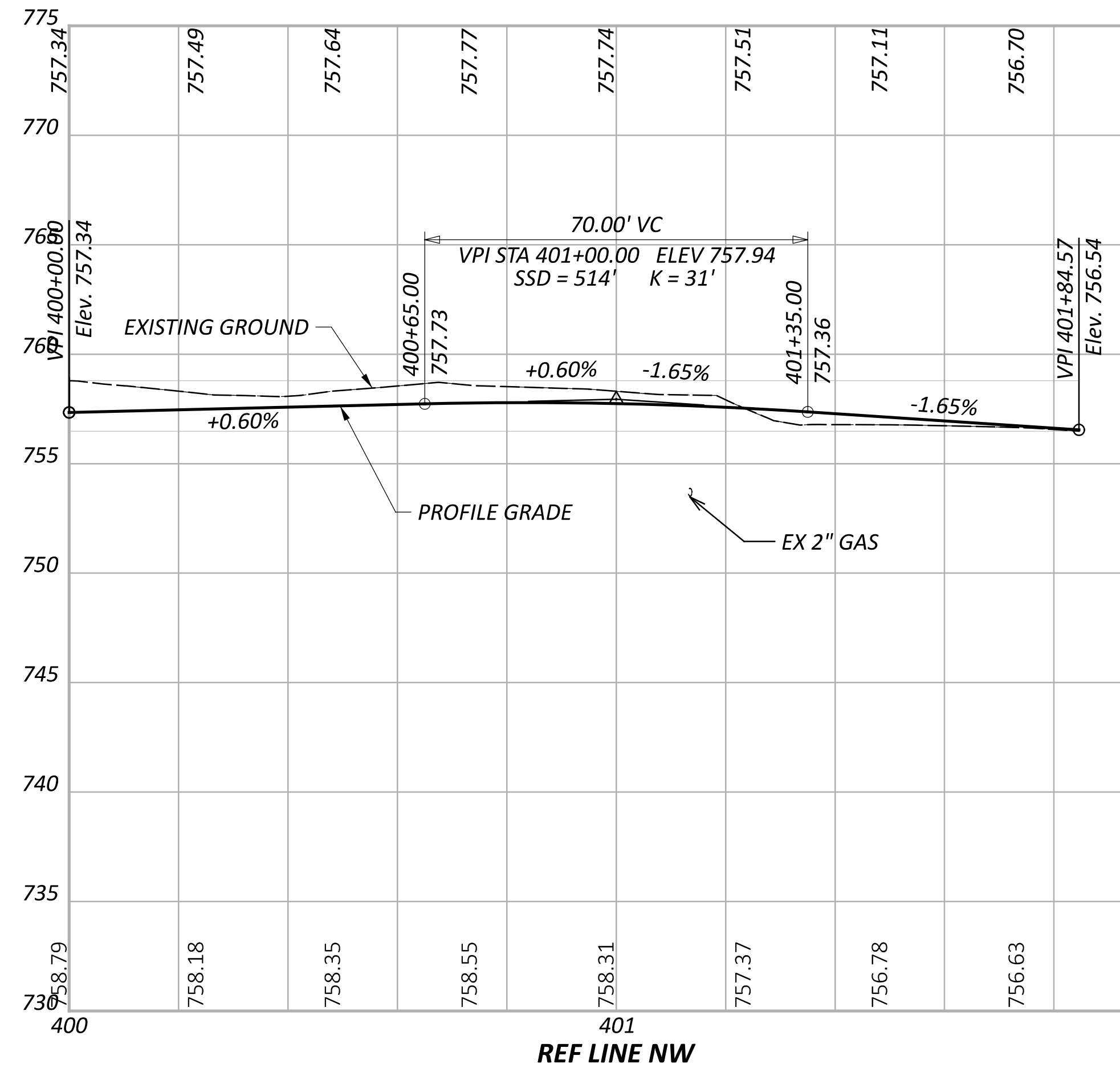
PLAN AND PROFILE - CHESTNUT RIDGE RD
 STA 149+00 TO STA 153+50

DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	JRS
REVIEWER	AJL 01/31/22
PROJECT ID	114797
SHEET	P.12
TOTAL	52



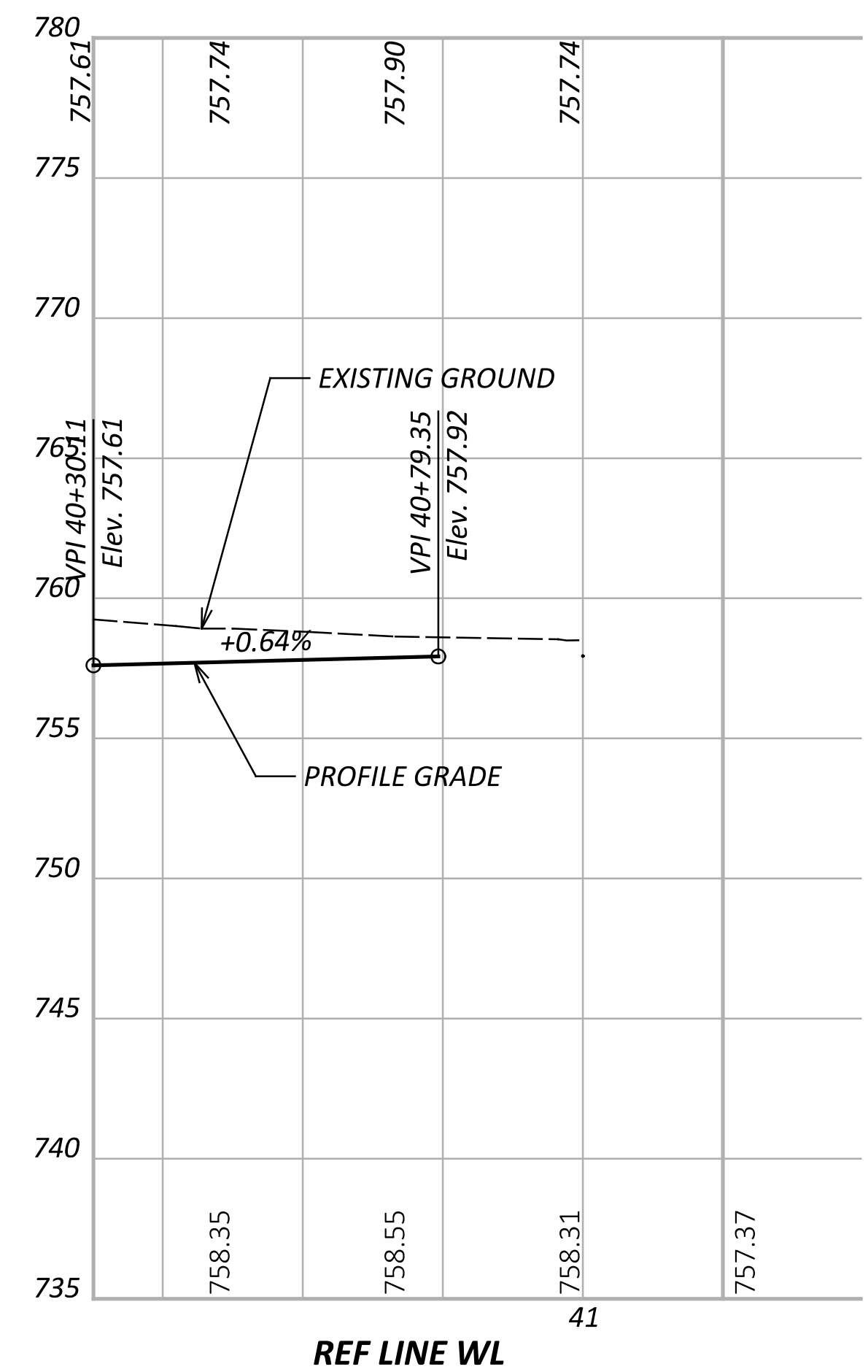
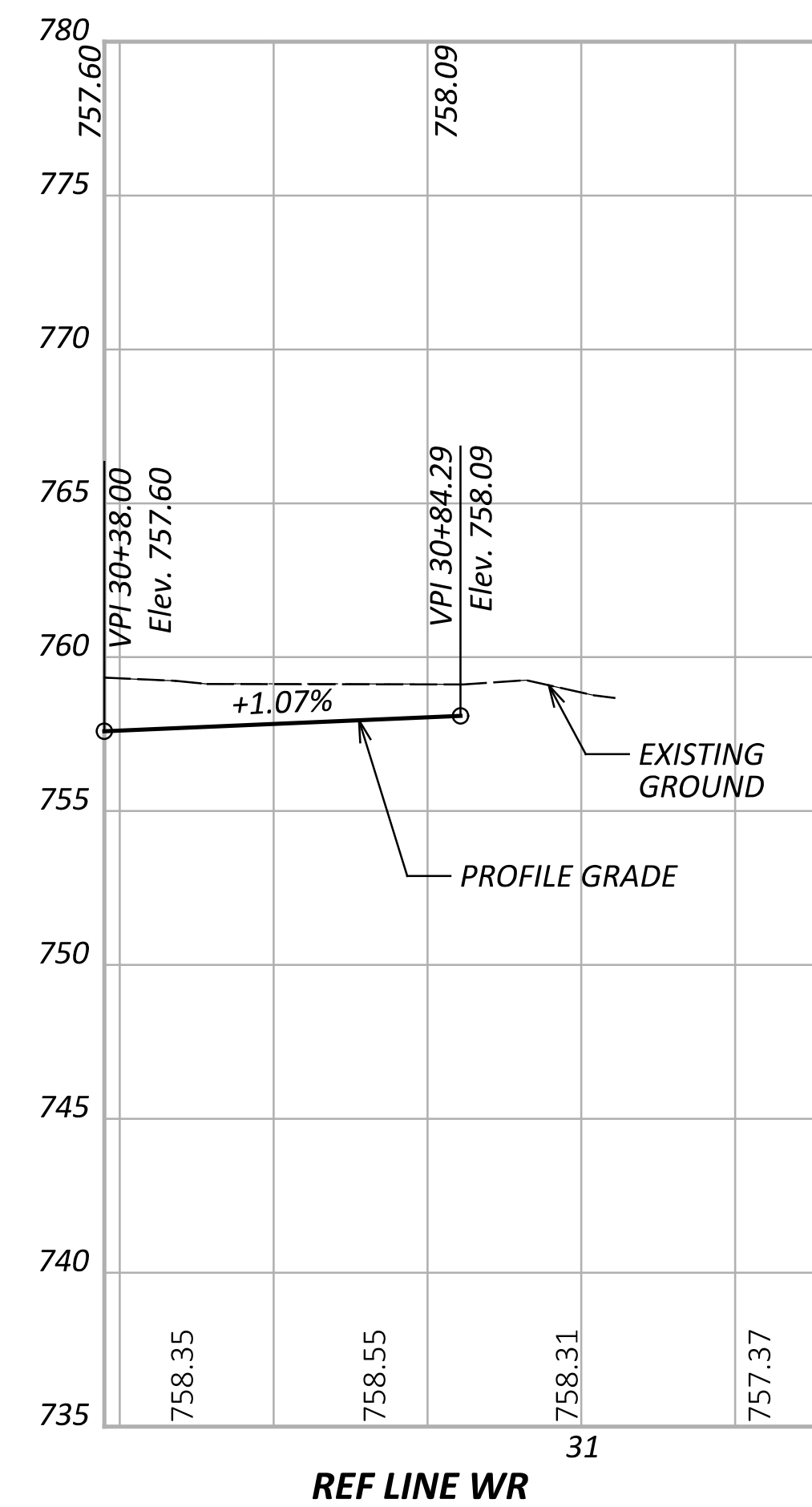
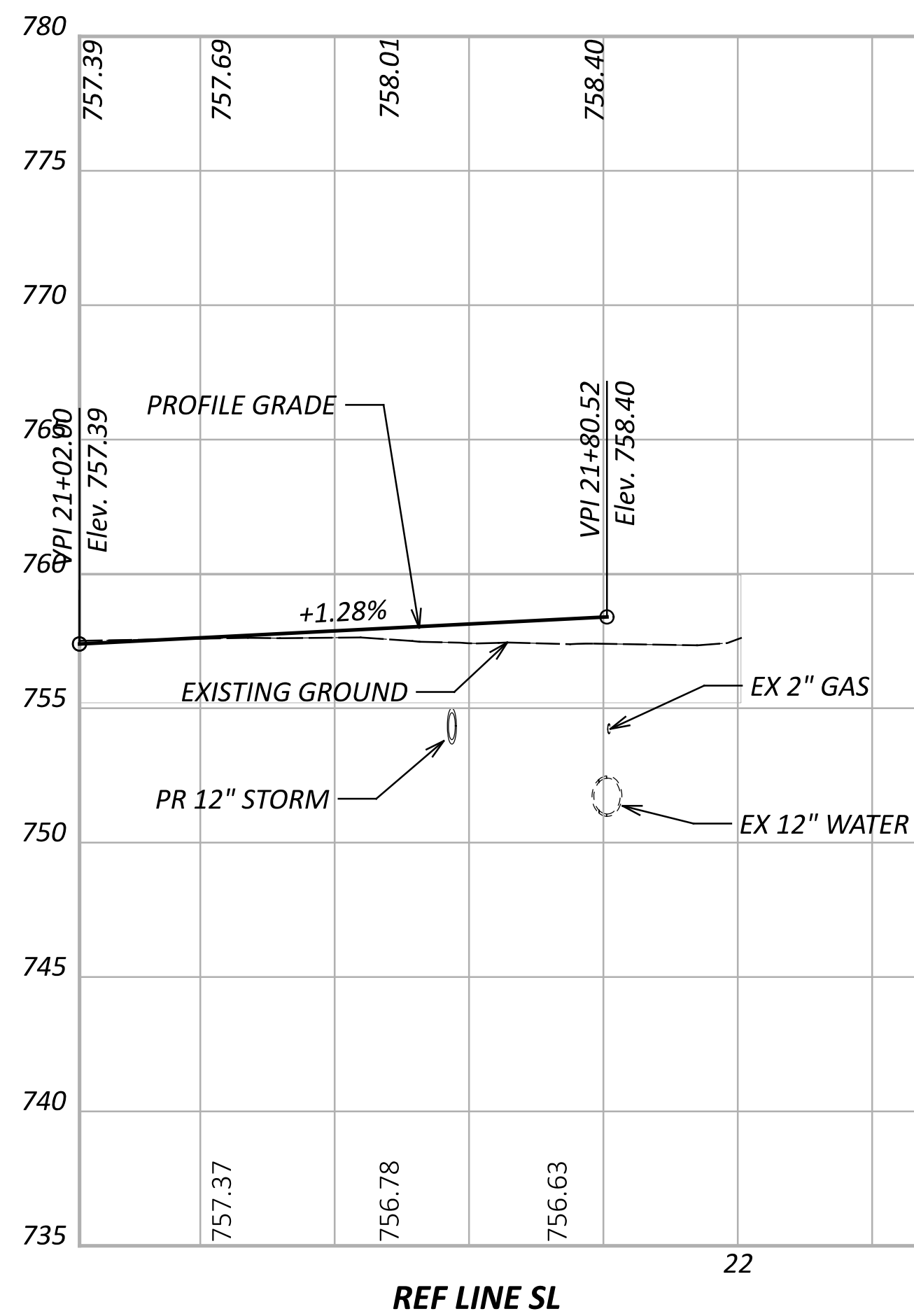
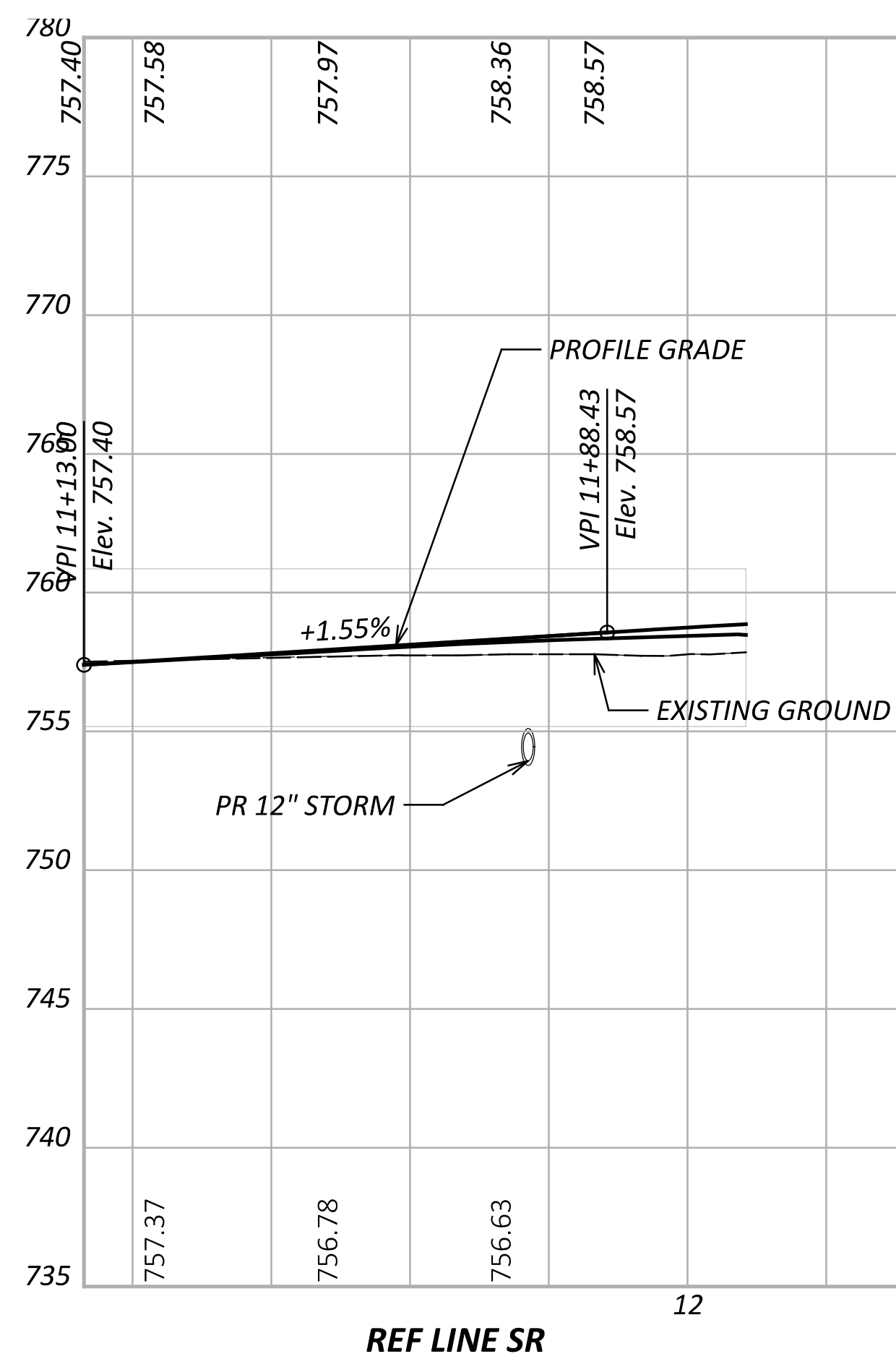
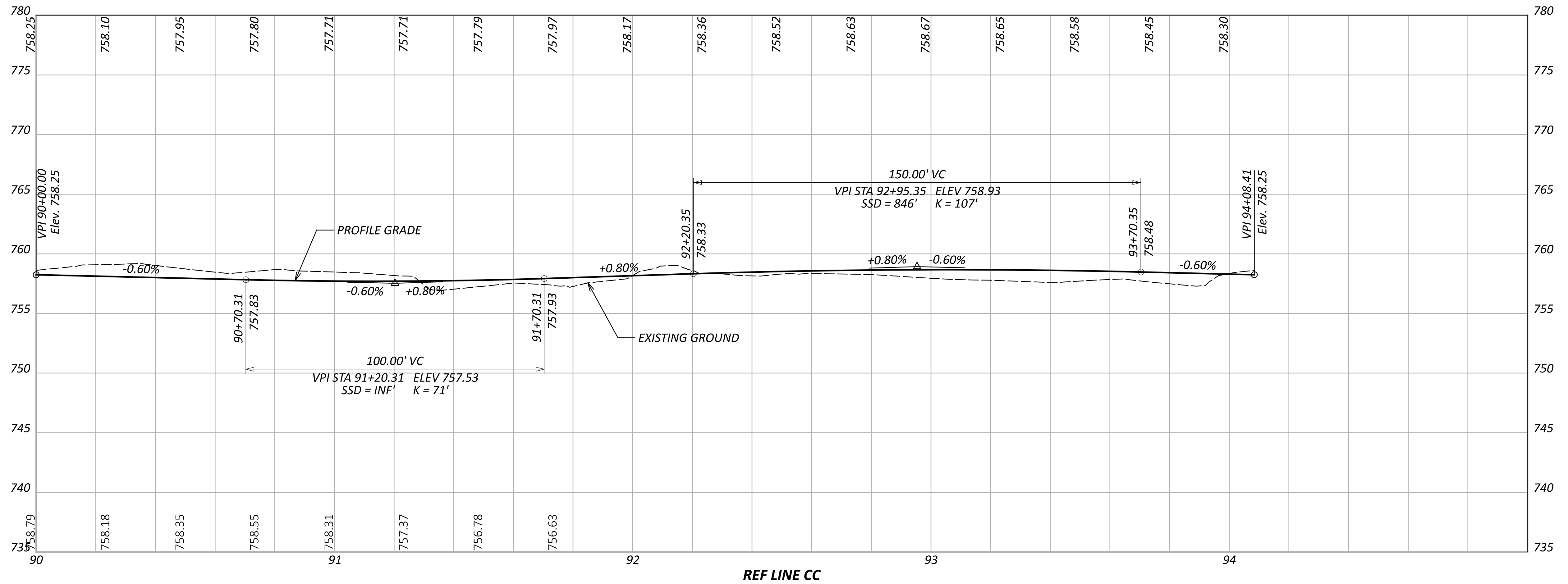
PLAN AND PROFILE - CHESTNUT RIDGE RD
 STA 153+50 TO END WORK

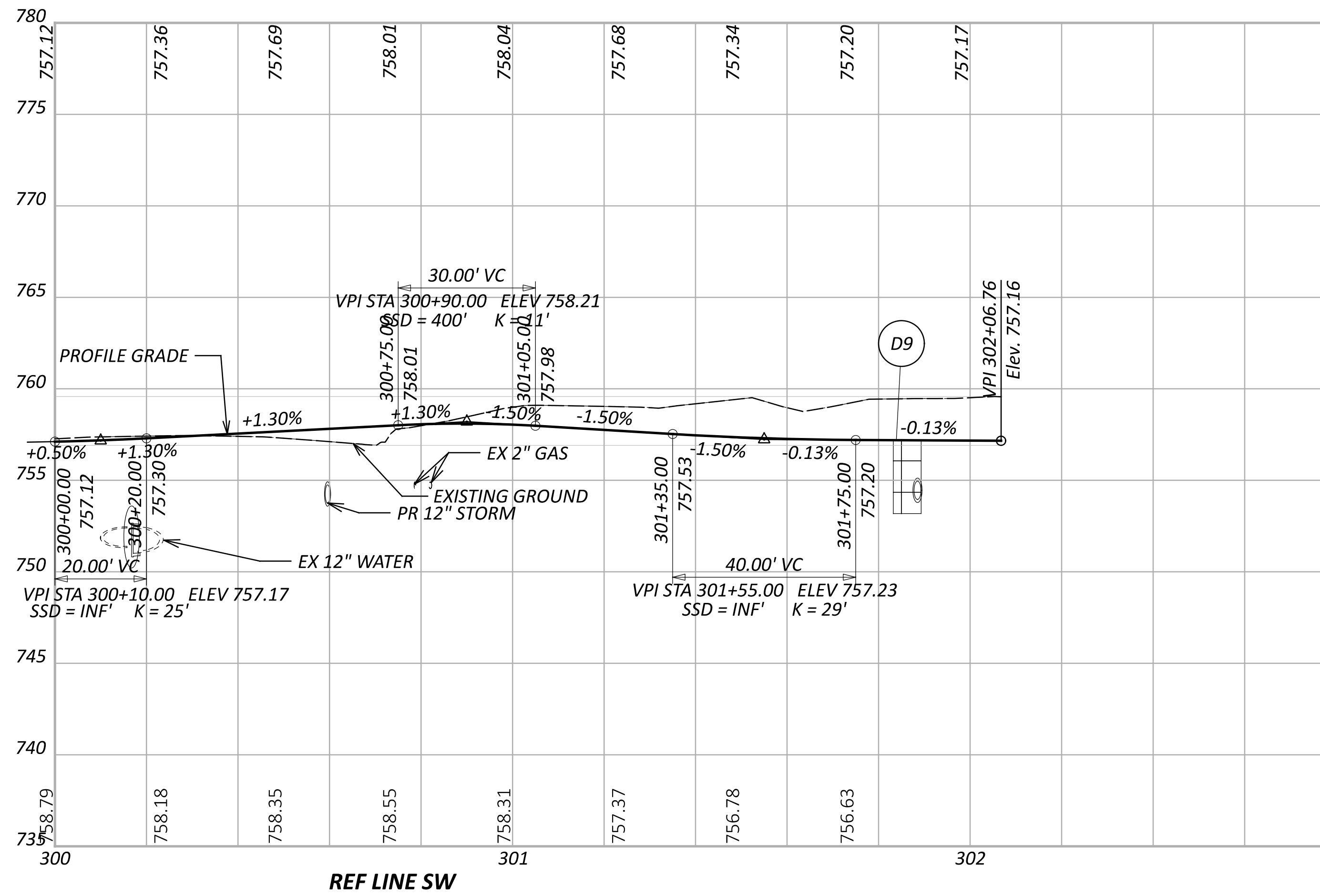
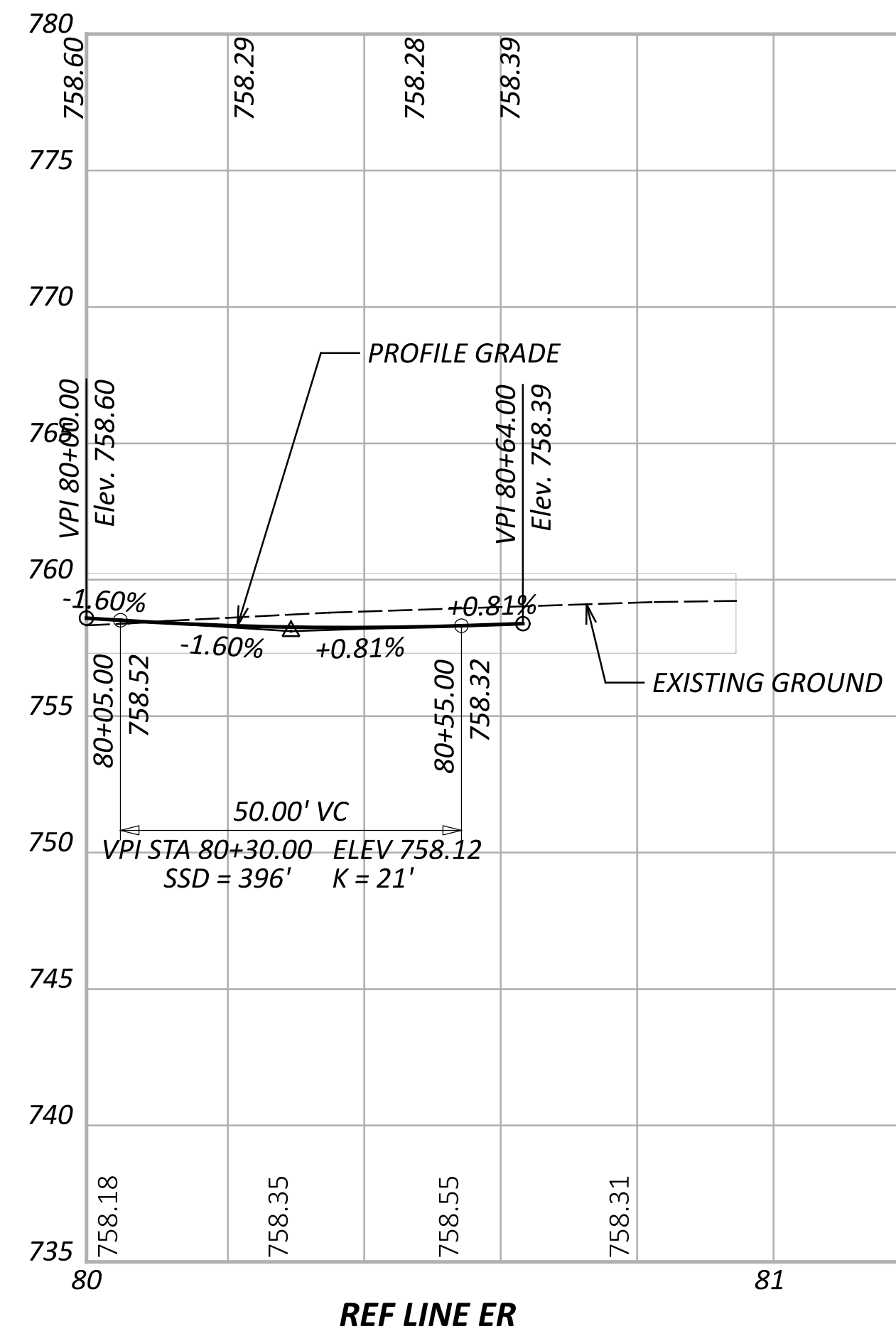
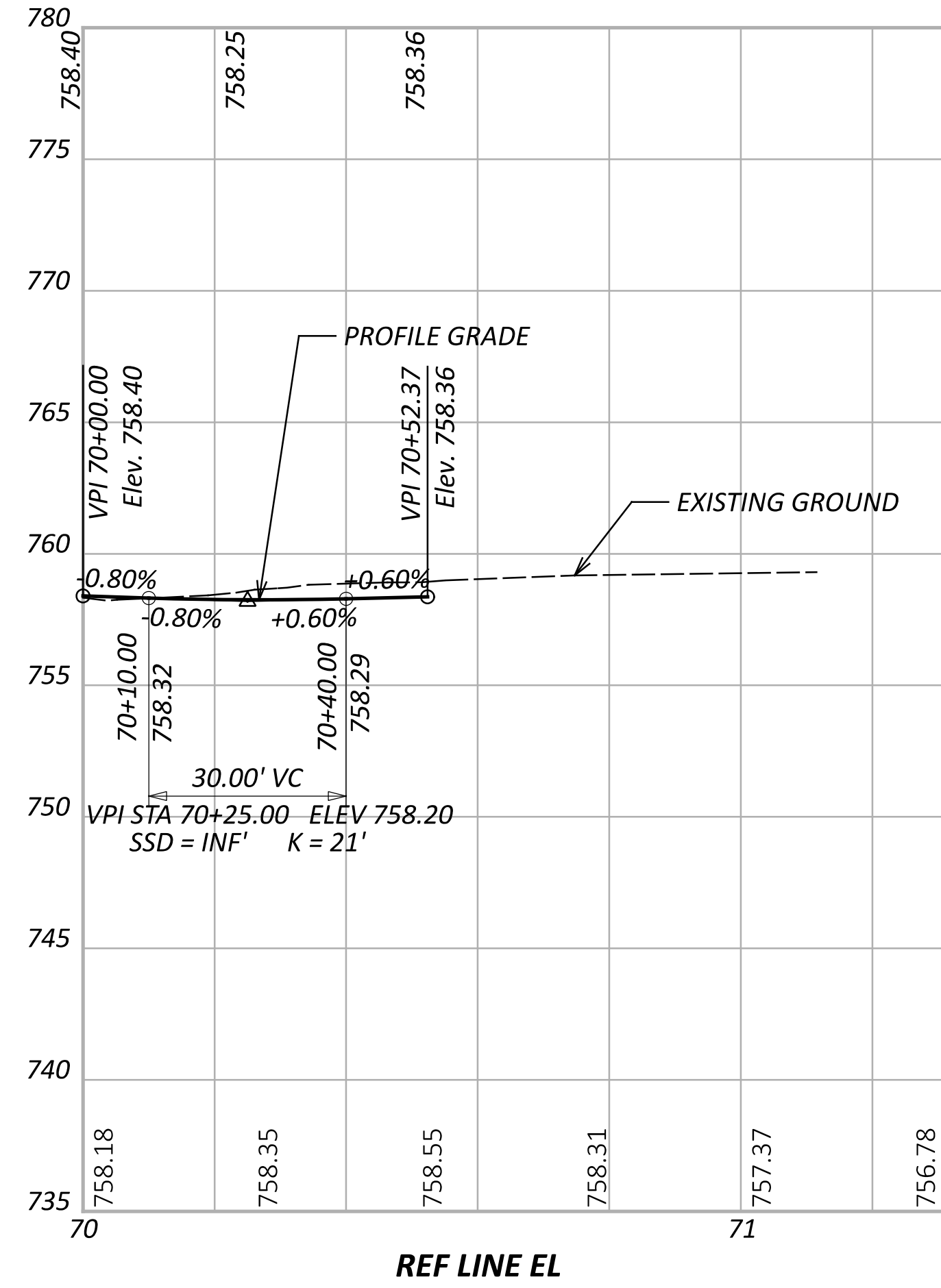
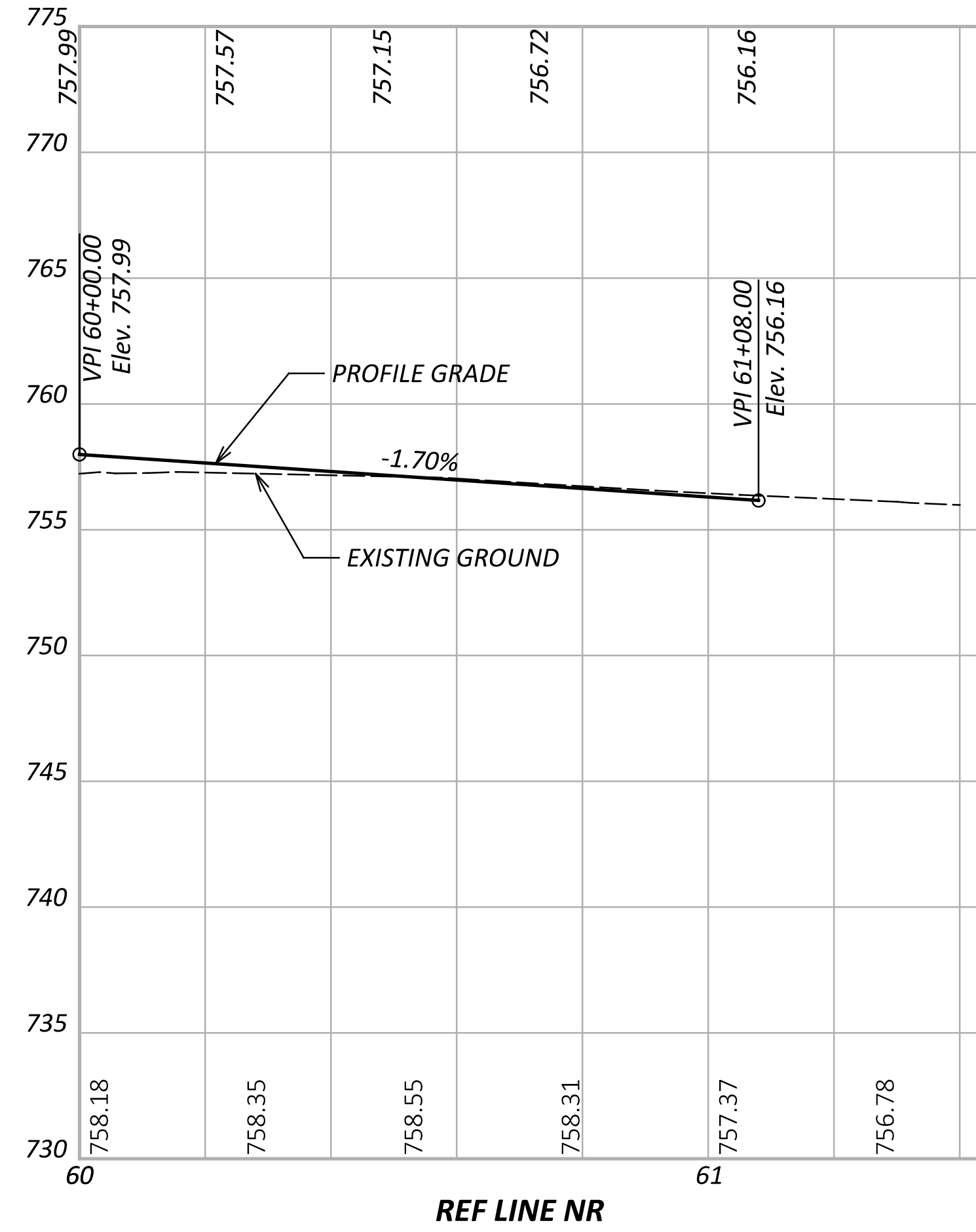
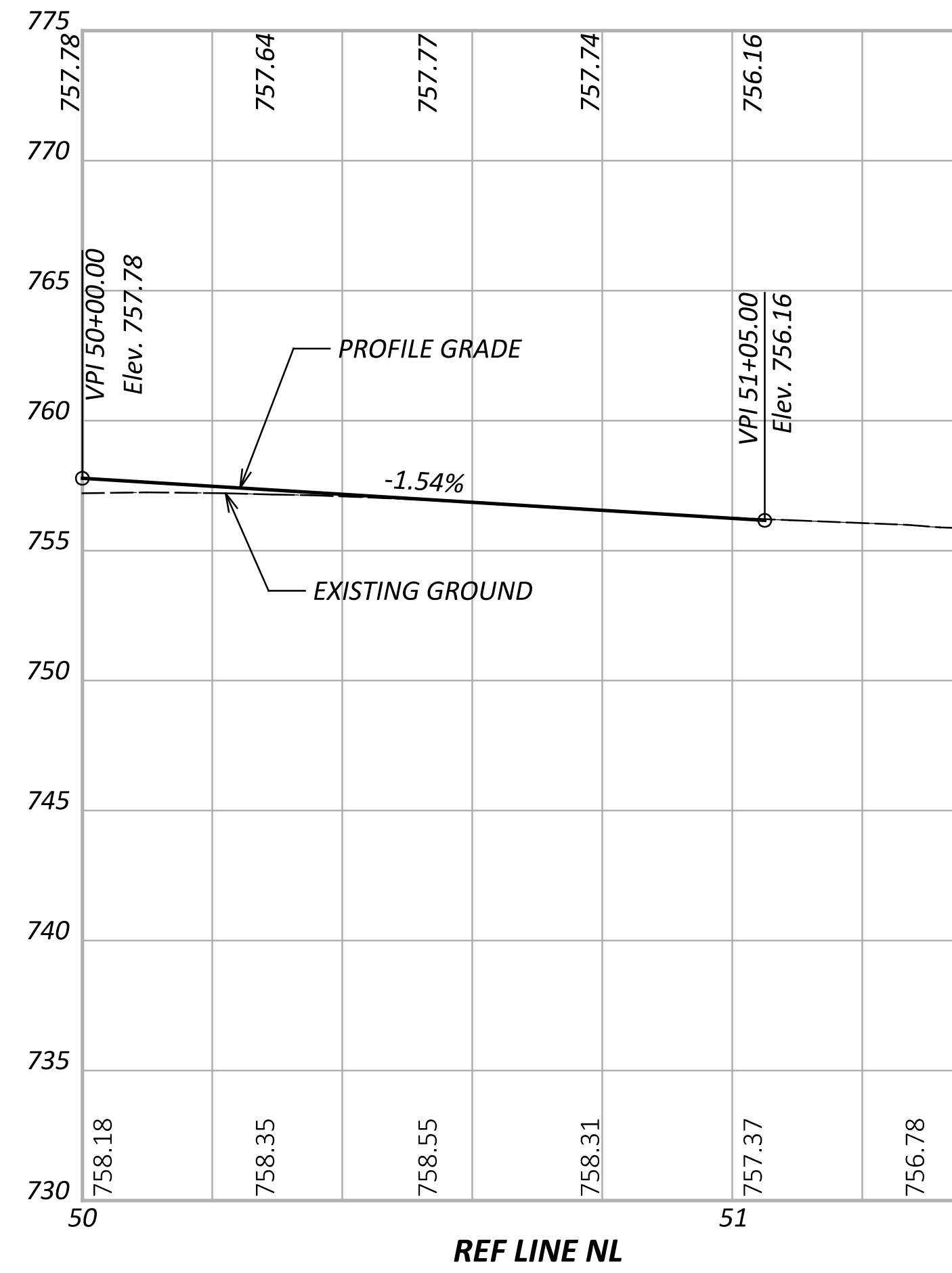
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DESIGNER	JRS
REVIEWER	AJL 01/31/22
PROJECT ID	114797
SHEET	TOTAL
P.13	52



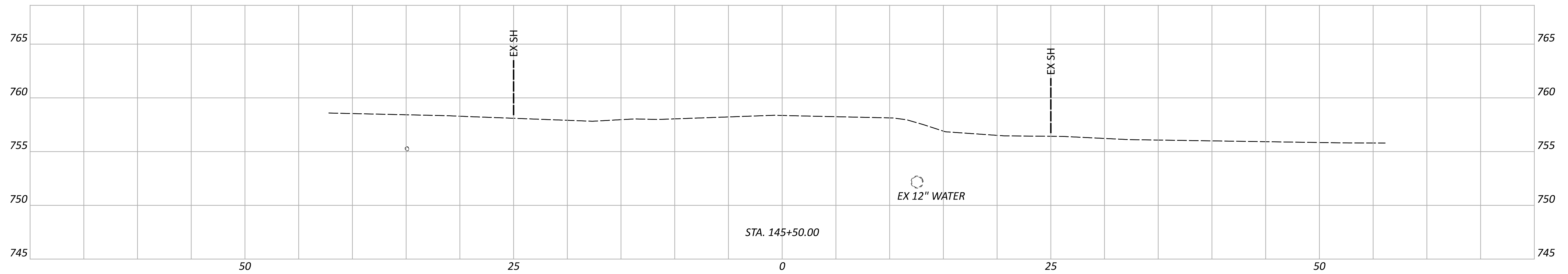
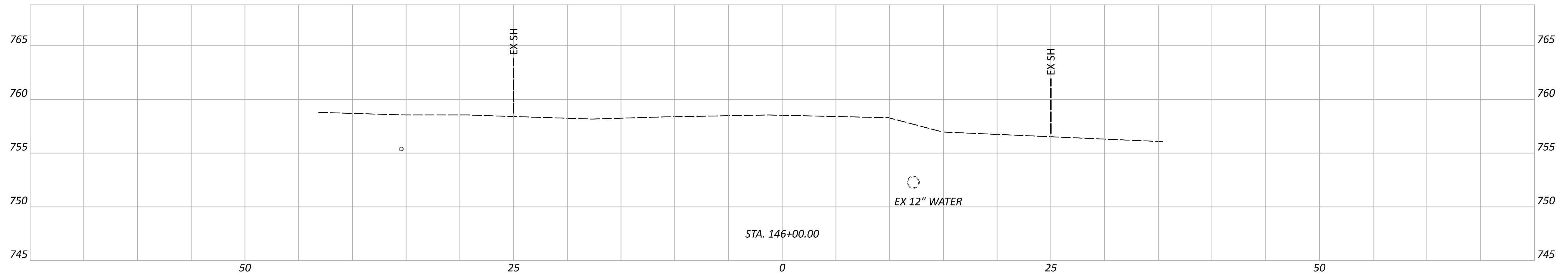
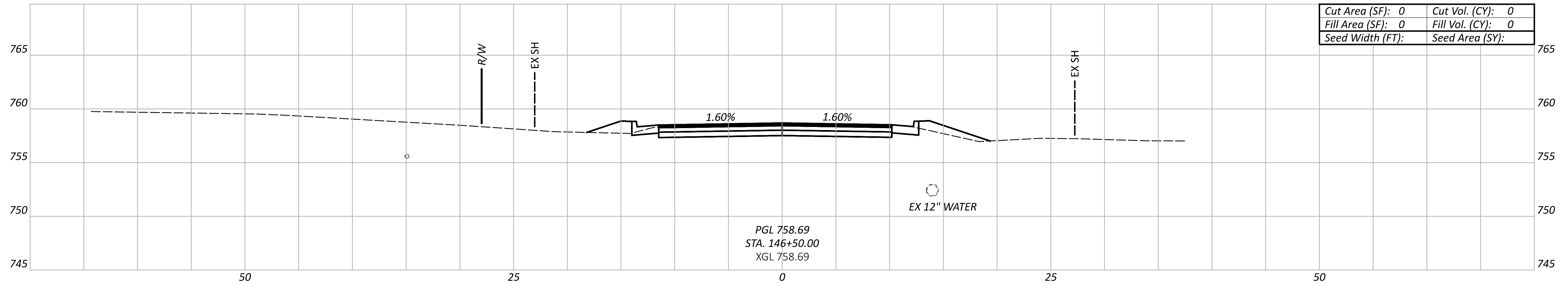
ROUNDABOUT PROFILES
 REFERENCE LINES NW, NE, SE

DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	JRS
REVIEWER	AJL 01/31/22
PROJECT ID	114797
SHEET	TOTAL
P.14	52





ROUNDABOUT PROFILES
 REFERENCE LINES NL, NR, EL, ER, SW



CROSS SECTIONS
 CHESTNUT RIDGE RD

DESIGN AGENCY

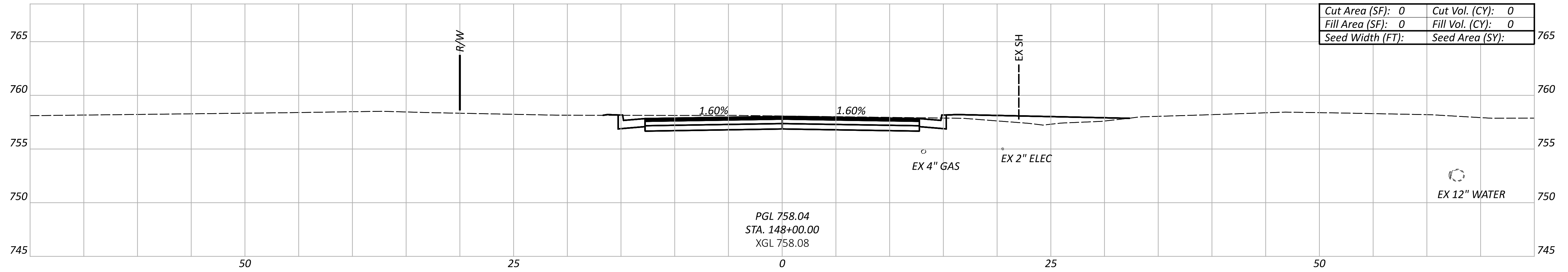
DESIGNER
 ZRM

REVIEWER
 AJL 01/31/22

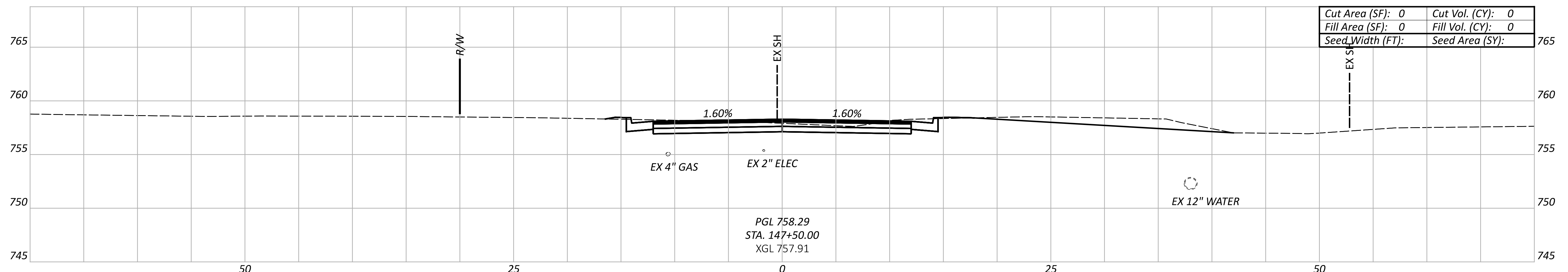
PROJECT ID

114797

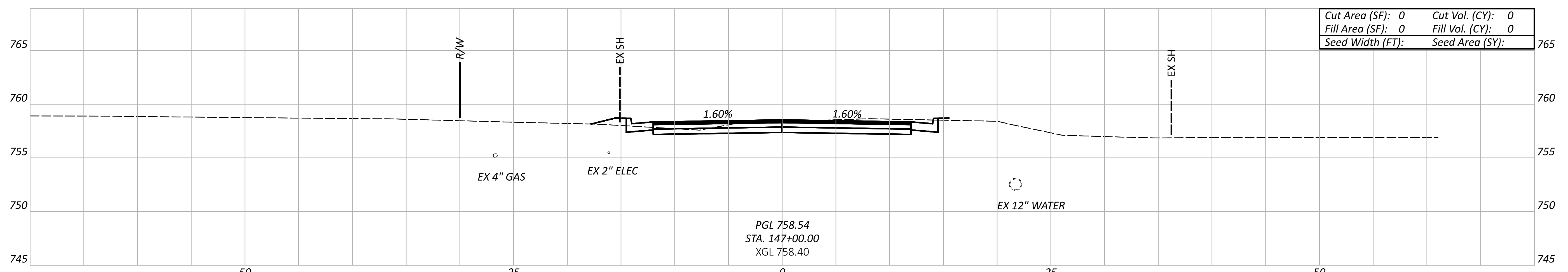
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Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	0	Cut Vol. (CY):	0
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Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	0	Cut Vol. (CY):	0
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CROSS SECTIONS
 CHESTNUT RIDGE RD

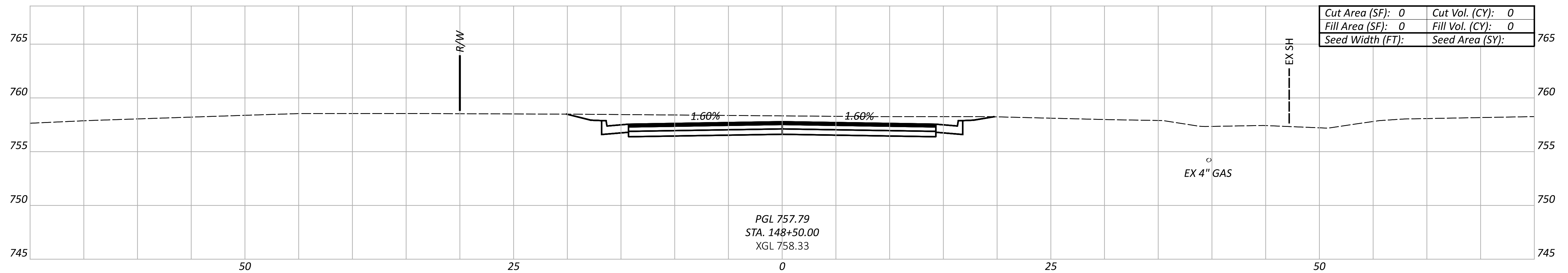
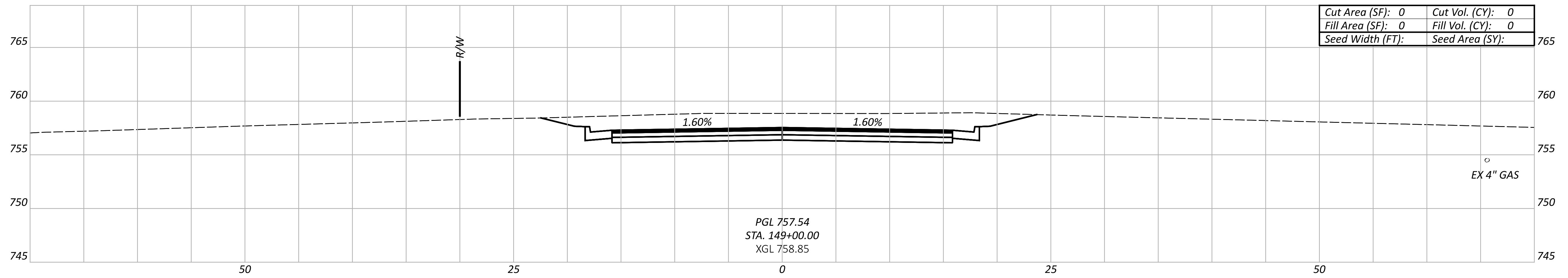
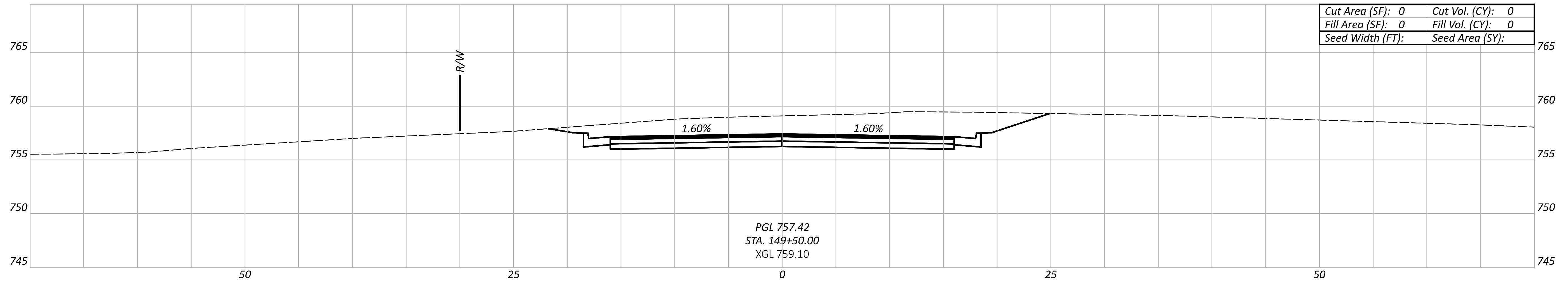
DESIGN AGENCY

DESIGNER
 ZRM

REVIEWER
 AJL 01/31/22

PROJECT ID
 114797

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CROSS SECTIONS
CHESTNUT RIDGE RD

DESIGN AGENCY

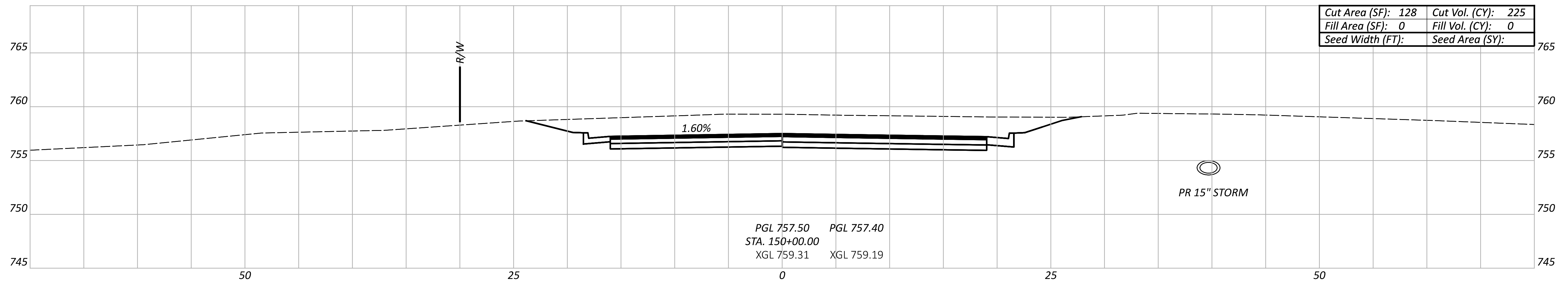
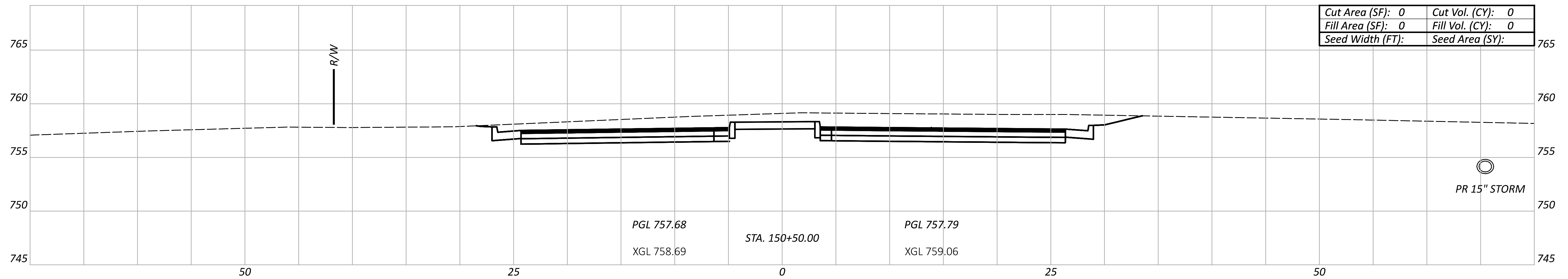
DESIGNER
ZRM

REVIEWER
AJL 01/31/22

PROJECT ID
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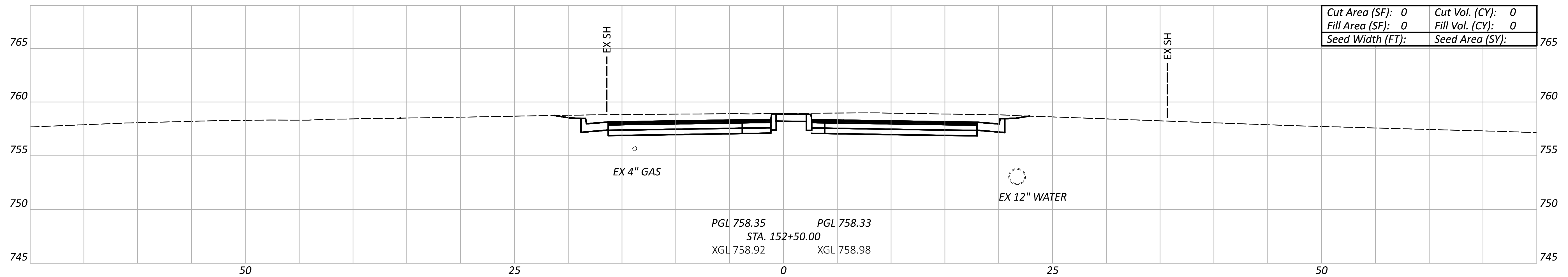
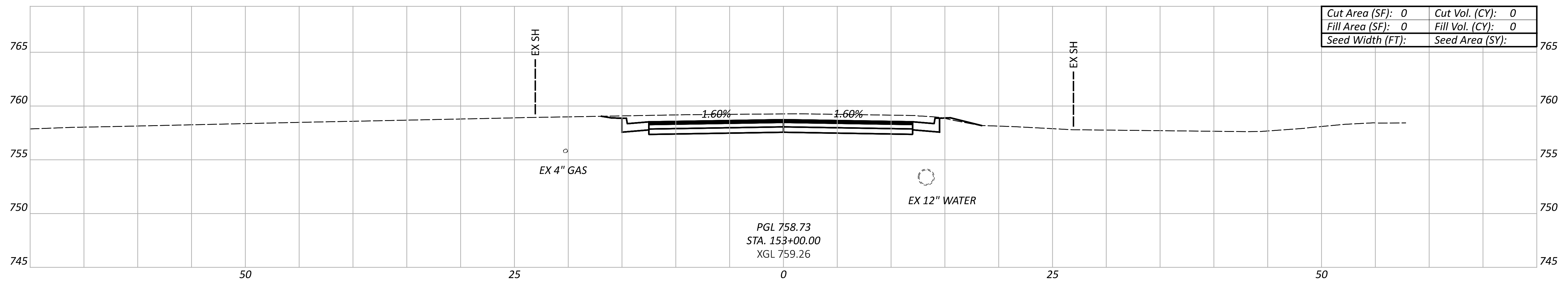
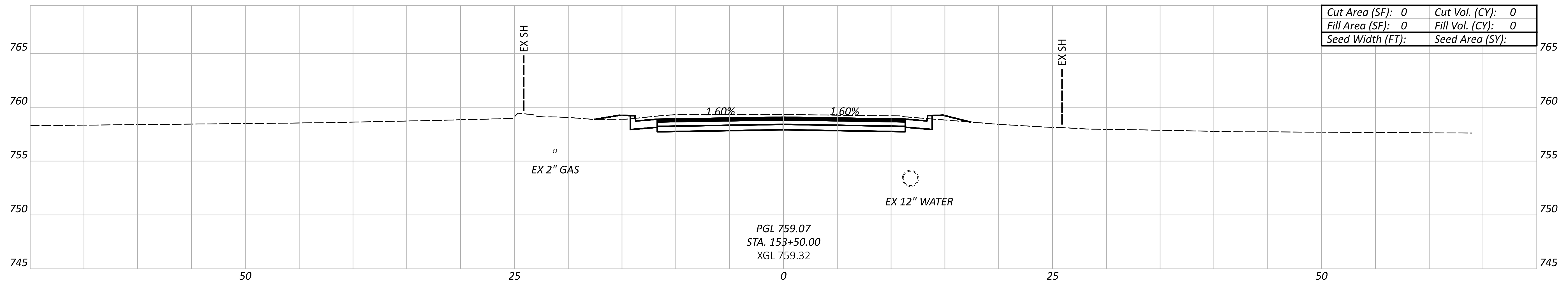
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CROSS SECTIONS
 CHESTNUT RIDGE RD



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DESIGN AGENCY	
DESIGNER	ZRM
REVIEWER	AJL 01/31/22
PROJECT ID	114797



CROSS SECTIONS
 CHESTNUT RIDGE RD

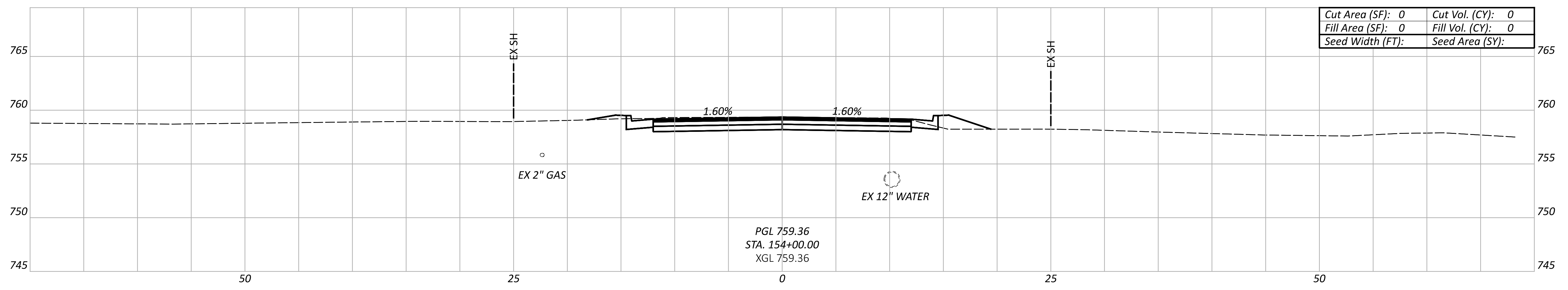
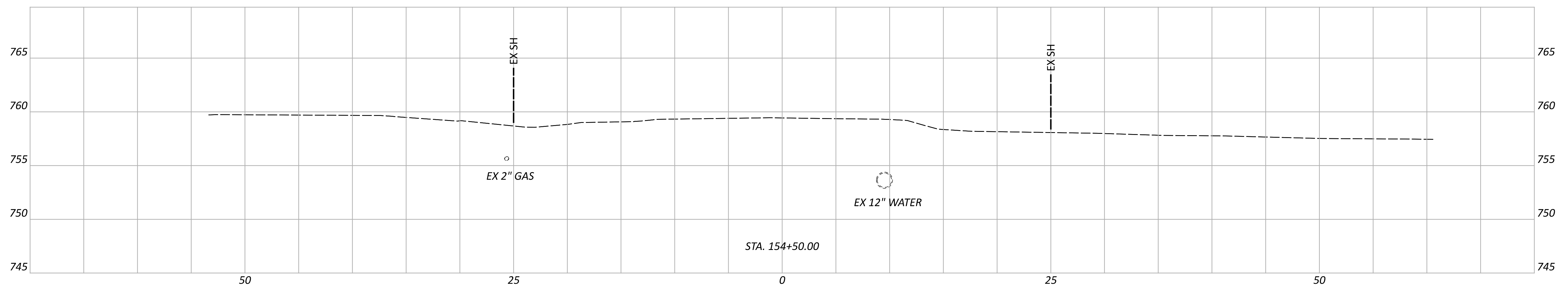
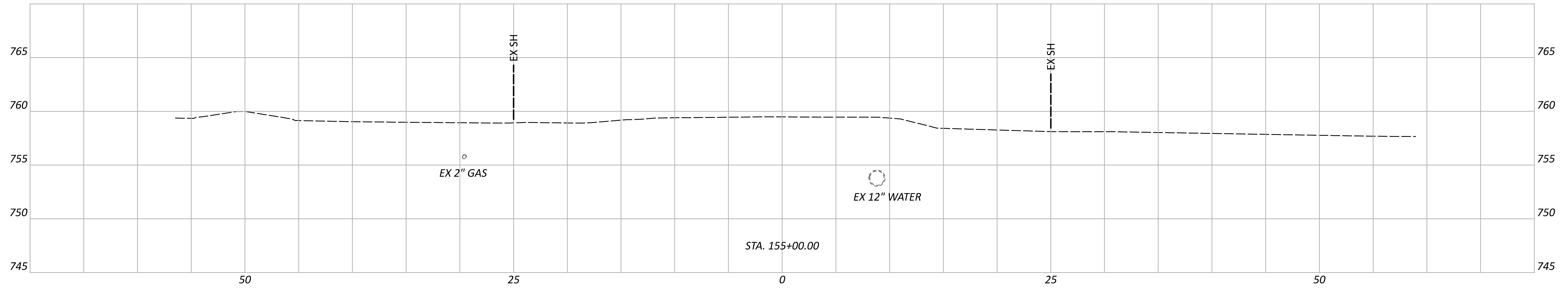
DESIGN AGENCY

DESIGNER
 ZRM

REVIEWER
 AJL 01/31/22

PROJECT ID
 114797

Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.21	52
.	.	.		



Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

PGL 759.36
 STA. 154+00.00
 XGL 759.36

CROSS SECTIONS
 CHESTNUT RIDGE RD

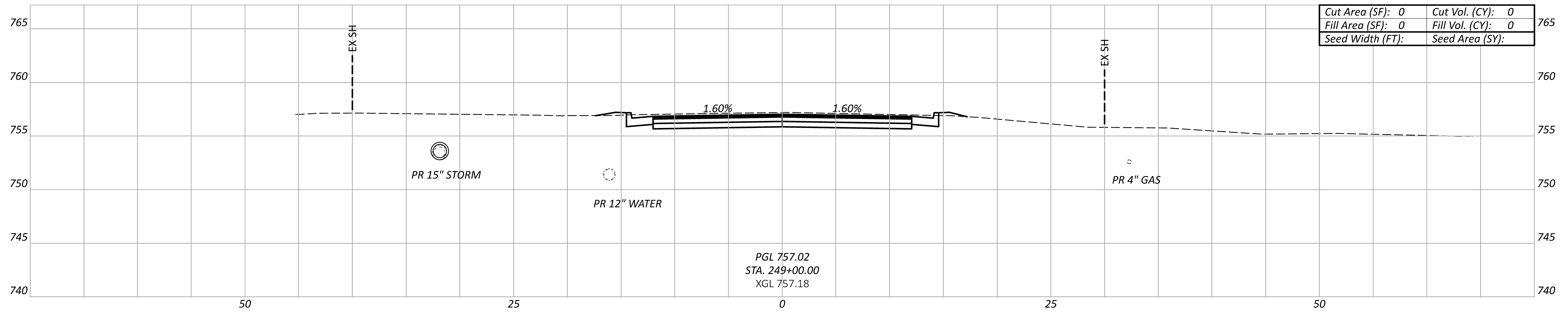
DESIGN AGENCY

DESIGNER
 ZRM

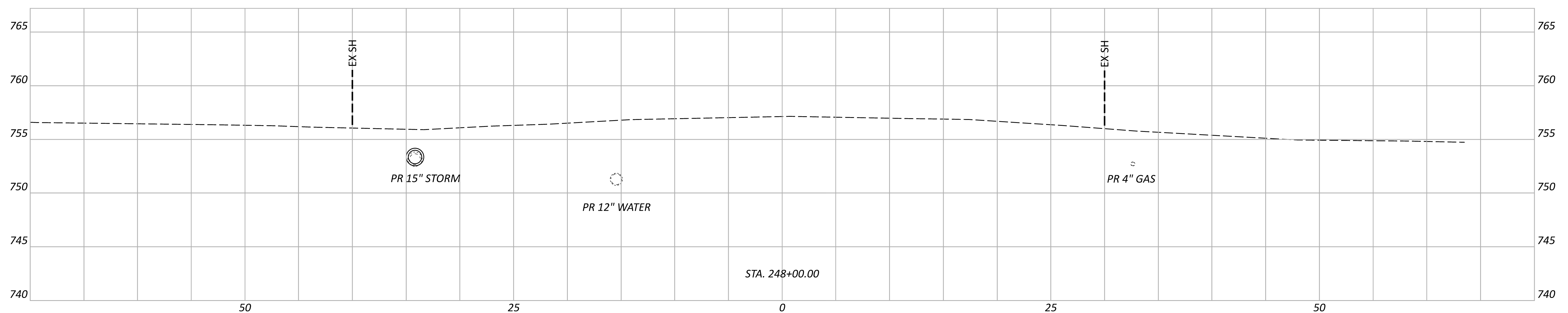
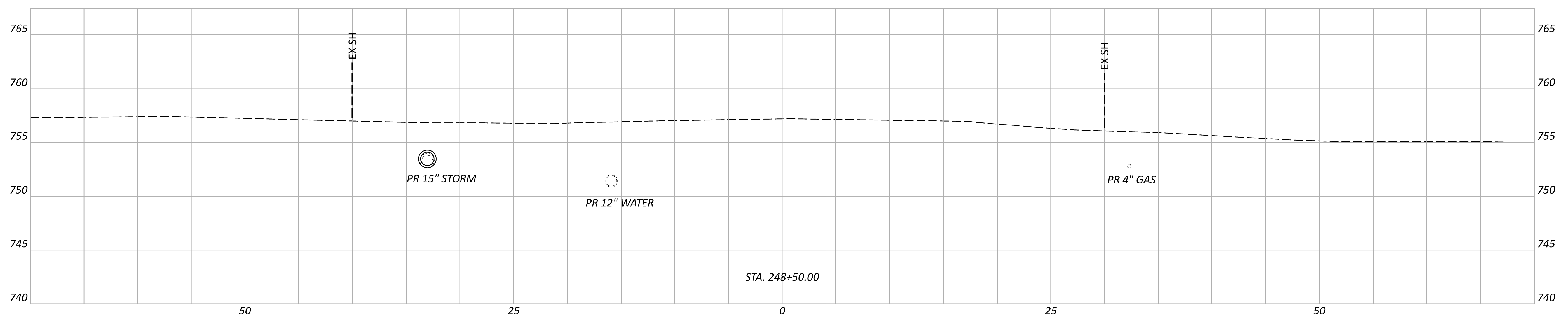
REVIEWER
 AJL 01/31/22

PROJECT ID
 114797

Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.22	52
.	.	.		



Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	



CROSS SECTIONS
SR83

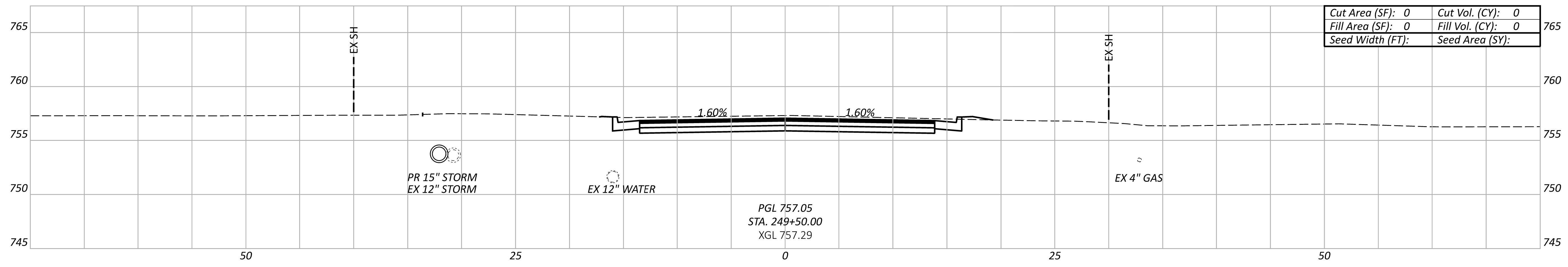
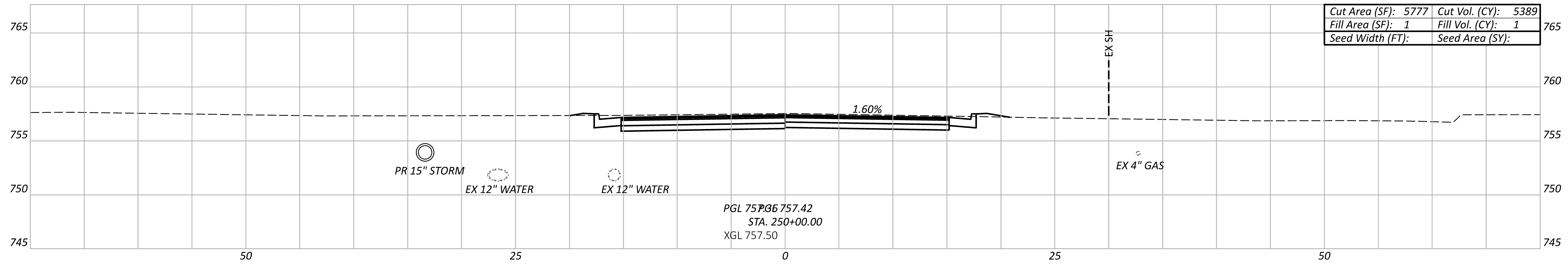
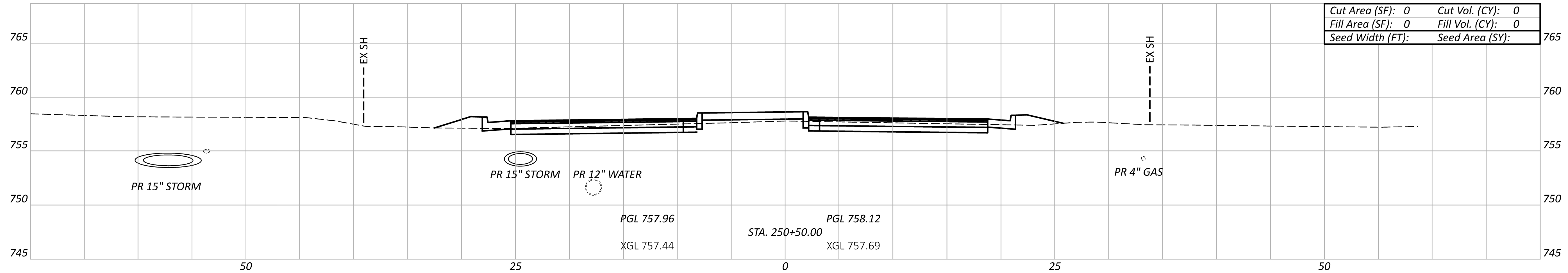
DESIGN AGENCY

DESIGNER
ZRM

REVIEWER
AJL 01/31/22

PROJECT ID
114797

Sheet Totals			TOTAL	
Seeding	Cut	Fill	SHEET	TOTAL
.	.	.	P.23	52



CROSS SECTIONS
SR83

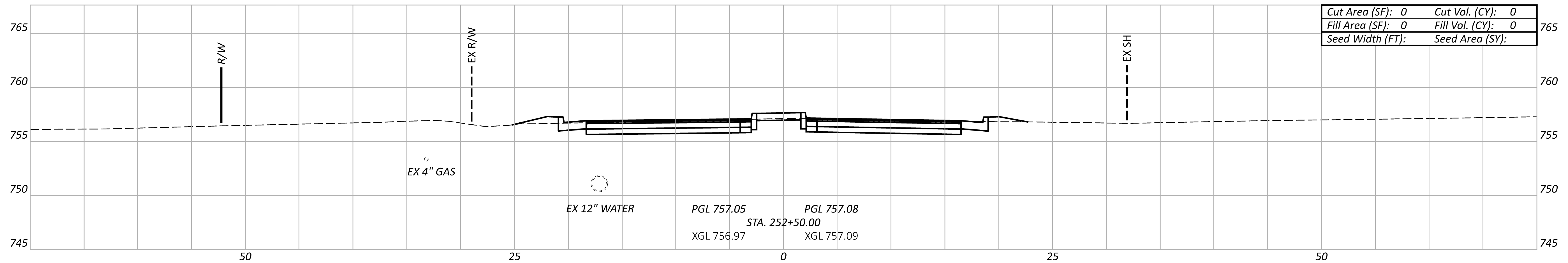
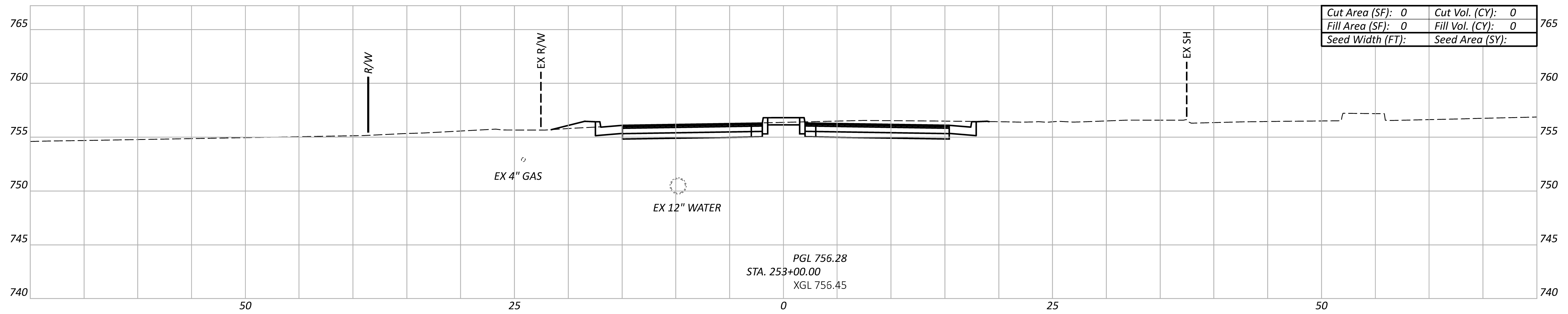
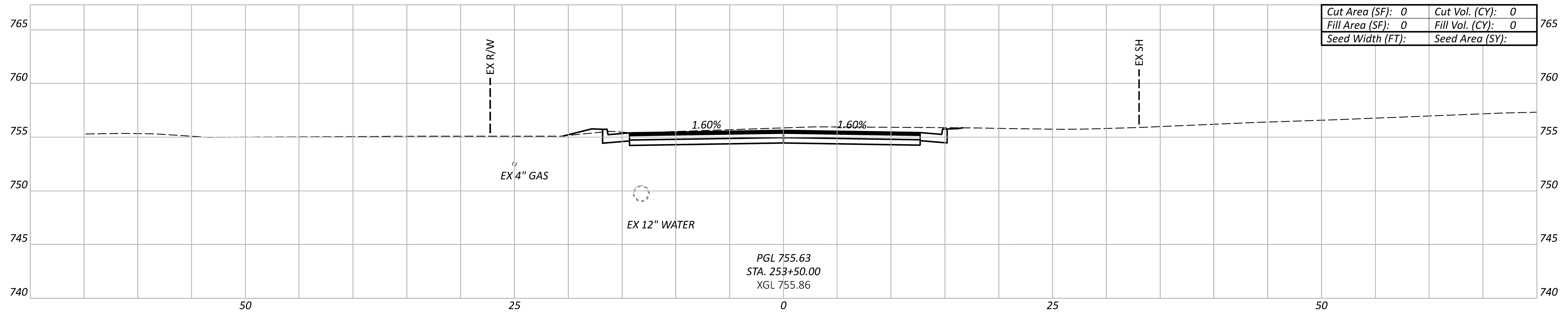
DESIGN AGENCY

DESIGNER
ZRM

REVIEWER
AJL 01/31/22

PROJECT ID
114797

Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.24	52
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CROSS SECTIONS
 SR83

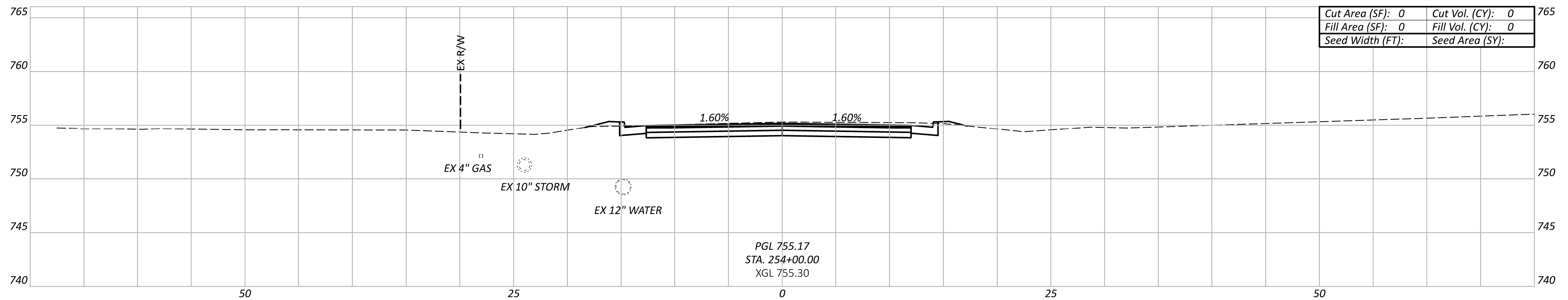
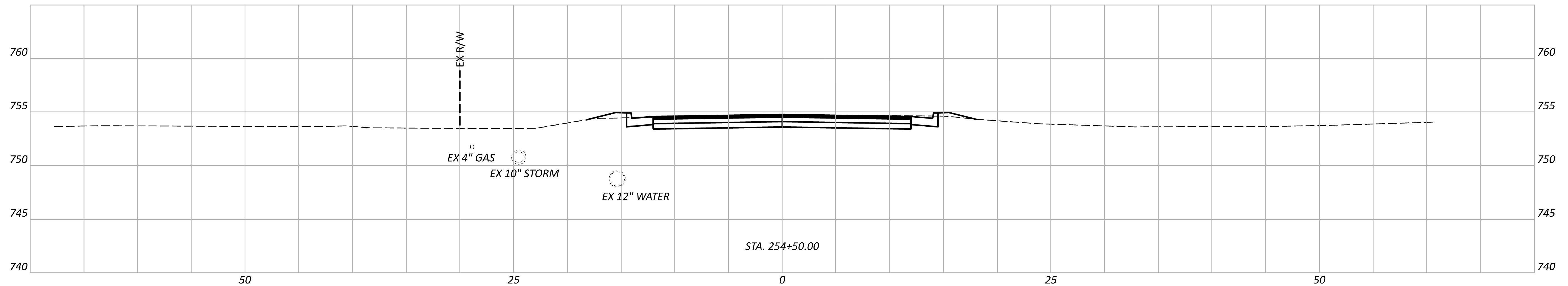
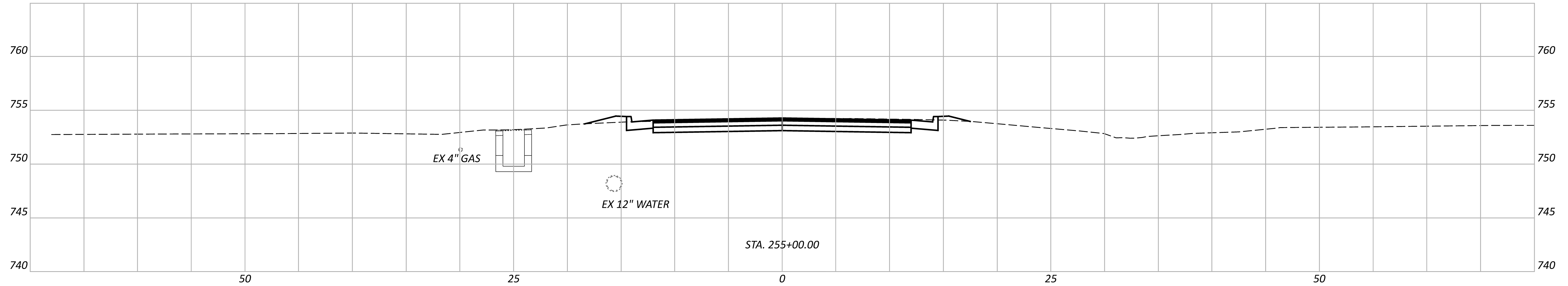
DESIGN AGENCY

DESIGNER
 ZRM

REVIEWER
 AJL 01/31/22

PROJECT ID
 114797

Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.25	52
.	.	.		



Cut Area (SF):	0	Cut Vol. (CY):	0
Fill Area (SF):	0	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

CROSS SECTIONS
 SR83

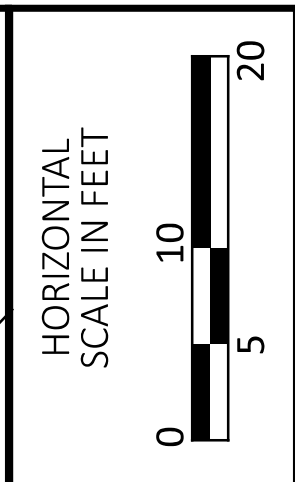
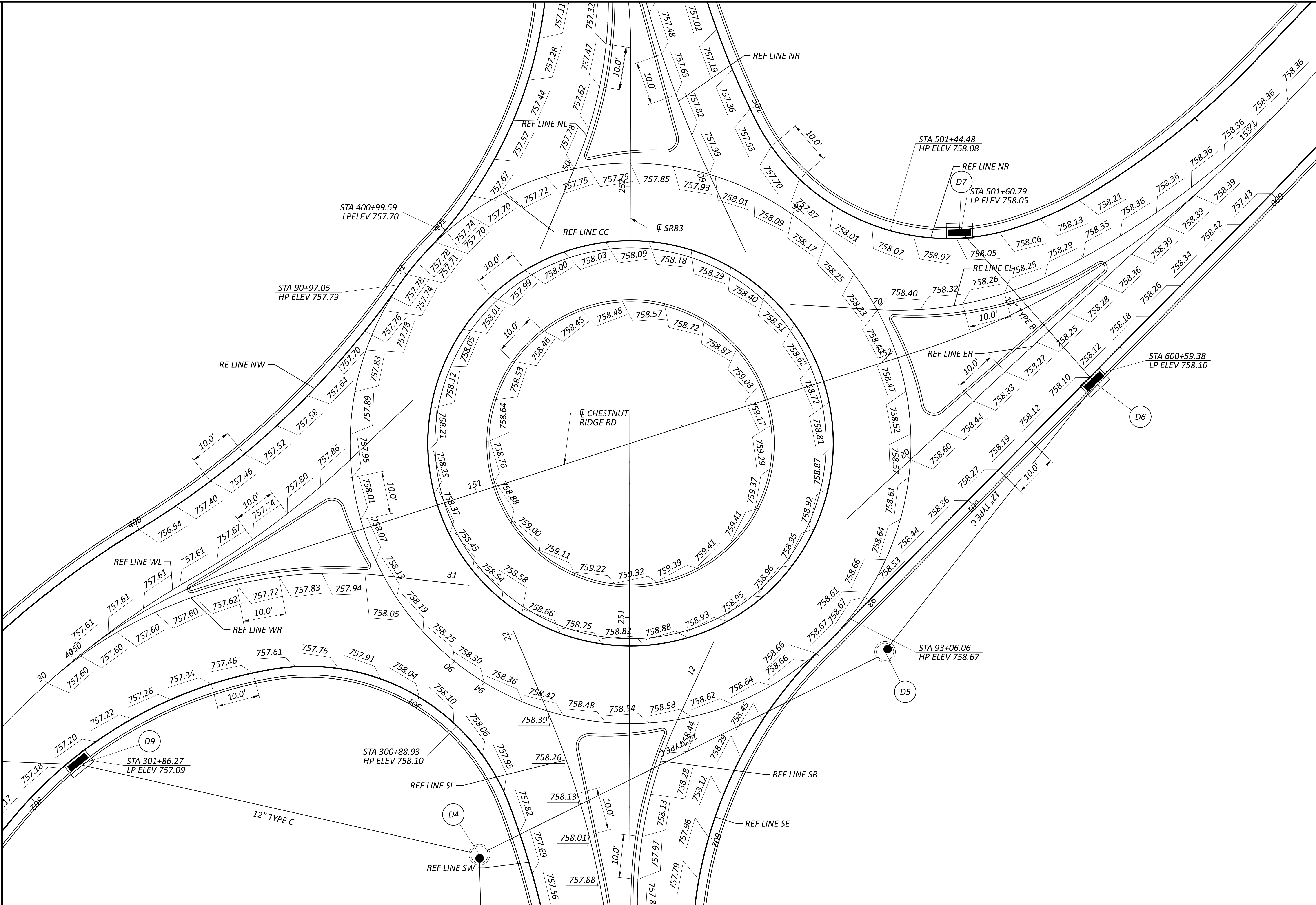
DESIGN AGENCY

DESIGNER
 ZRM

REVIEWER
 AJL 01/31/22

PROJECT ID
 114797

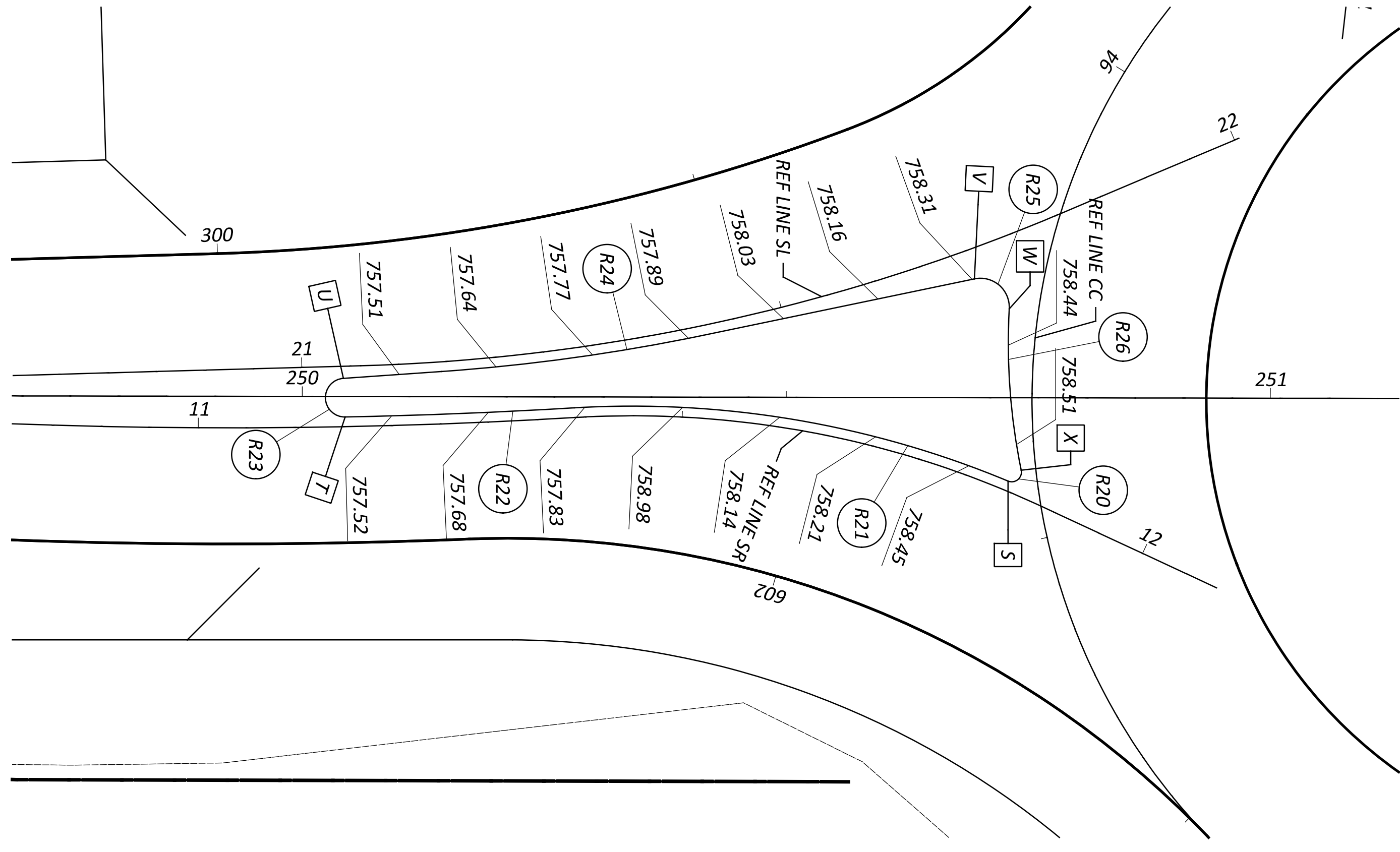
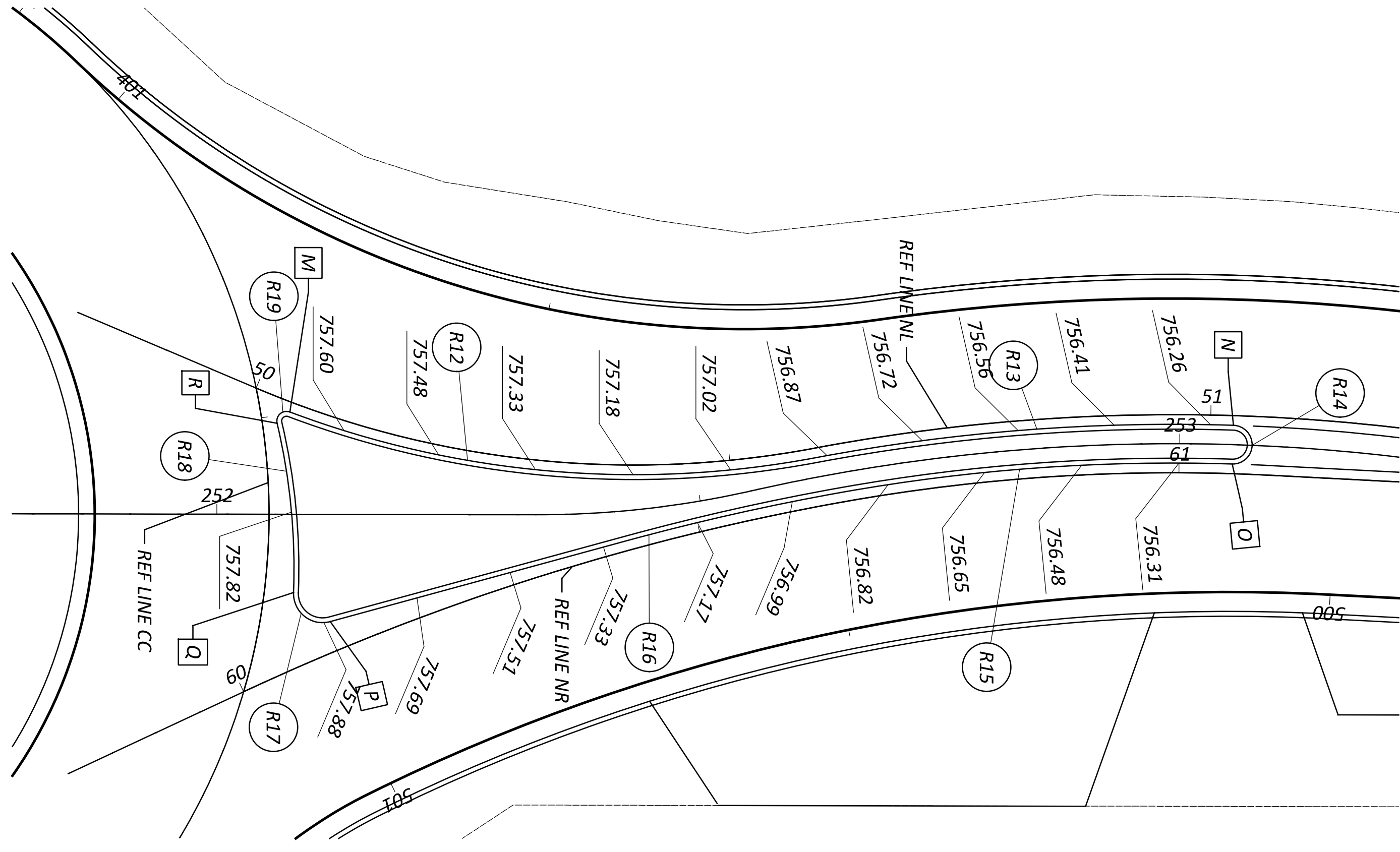
Sheet Totals			TOTAL	
Seeding	Cut	Fill	SHEET	TOTAL
.	.	.	P.26	52



INTERSECTION DETAIL

DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	ZRM
REVIEWER	AJL 01/31/22
PROJECT ID	114797
SHEET	TOTAL
P.27	52

NOTE: ELEVATIONS SHOWN ARE PAVEMENT AT THE FACE OF THE CURB UNLESS OTHERWISE NOTED

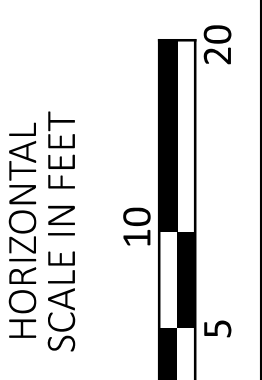


CURVE LAYOUT DATA (FACE OF CURBS)				
NO.	RADIUS (FT)	Δ	TANGENT (FT)	LENGTH (FT)
R12	101	31°18'54.7"	28.31	55.2
R13	199	12°28'59.8"	21.76	43.36
R14	2	180°0'0"	0	6.28
R15	195	11°53'21.1"	20.30	40.46
R16	251	05°09'32.4"	11.32	22.62
R17	3	107°27'24.1"	4.09	5.63
R18	65	15°31'46.4"	8.86	17.62
R19	1	123°57'30.7"	1.88	2.16

LETTER	REF LINE	STA.	OFFSET (FT)	ELEV. (FT)
M	NL	50+10.00	1.00 RT	757.72
N	NL	51+02.36	1.03 RT	756.22
O	NR	61+05.47	1.00 LT	756.22
P	NR	61+11.04	3.02 LT	757.87
Q	CC	91+67.75	3.02 LT	757.86
R	CC	91+50.79	1.50 LT	757.78

CURVE LAYOUT DATA (FACE OF CURBS)				
NO.	RADIUS (FT)	Δ	TANGENT (FT)	LENGTH (FT)
R20	1	124°11'55.9"	1.89	2.17
R21	101	25°59'32.3"	23.31	45.82
R22	598.77	02°16'03.4"	11.85	23.70
R23	2	177°09'37.1"	80.69	6.18
R24	201	07°46'44.0"	13.67	27.29
R25	3	104°55'03.7"	3.90	5.49
R26	65	15°31'46.4"	8.86	17.62

LETTER	REF LINE	STA.	OFFSET (FT)	ELEV. (FT)
S	SR	11+84.29	1.00 LT	758.50
T	SR	11+15.19	1.00 LT	757.53
U	SL	21+04.26	1.25 RT	757.44
V	SL	21+69.82	3.02 RT	758.31
W	CC	93+73.34	3.01 LT	758.41
X	CC	93+57.21	1.50 LT	758.53



SPLITTER ISLAND DETAIL
 NORTH AND SOUTH

DESIGN AGENCY



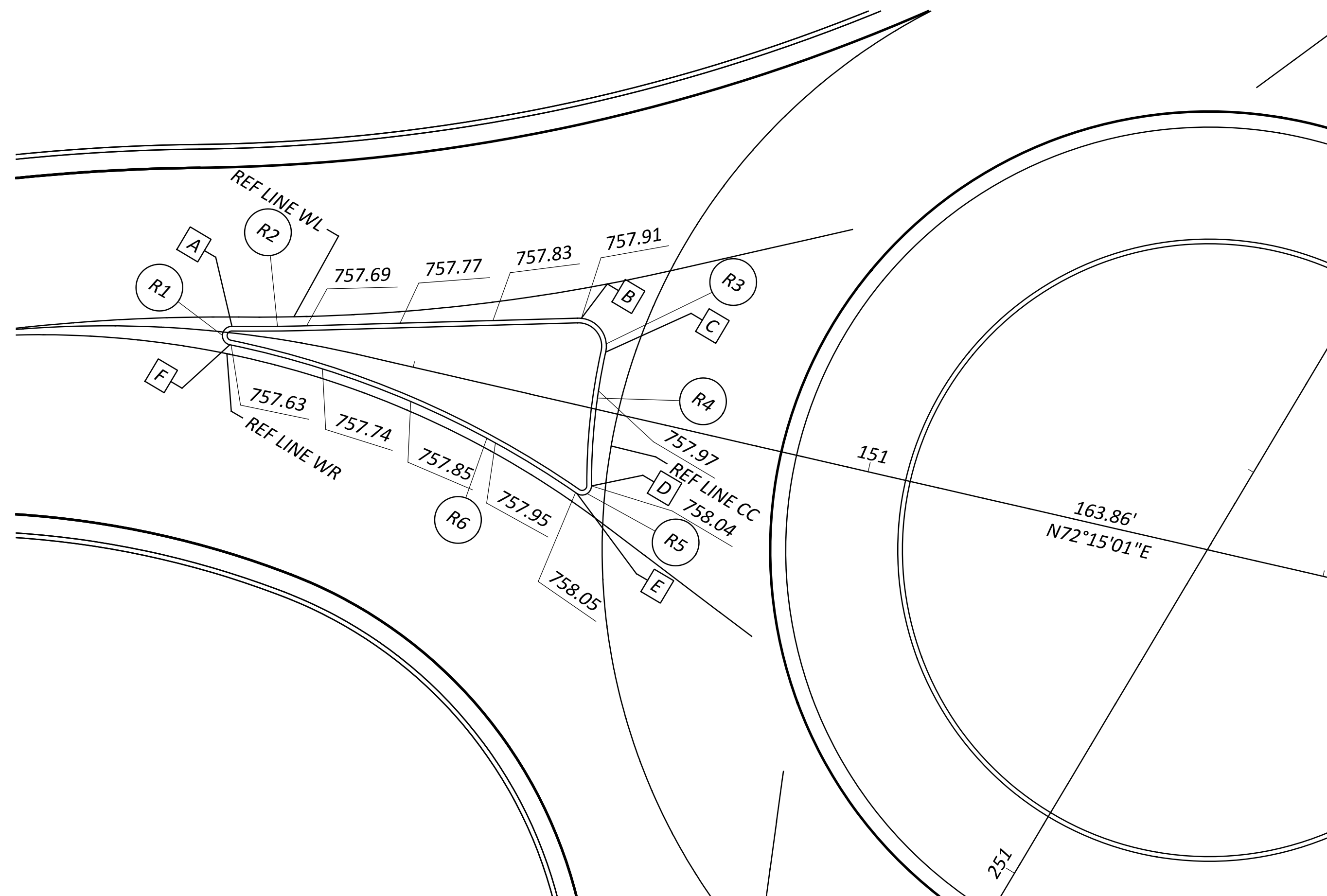
DESIGNER
 ZRM

REVIEWER
 AJL 01/31/22

PROJECT ID
 114797

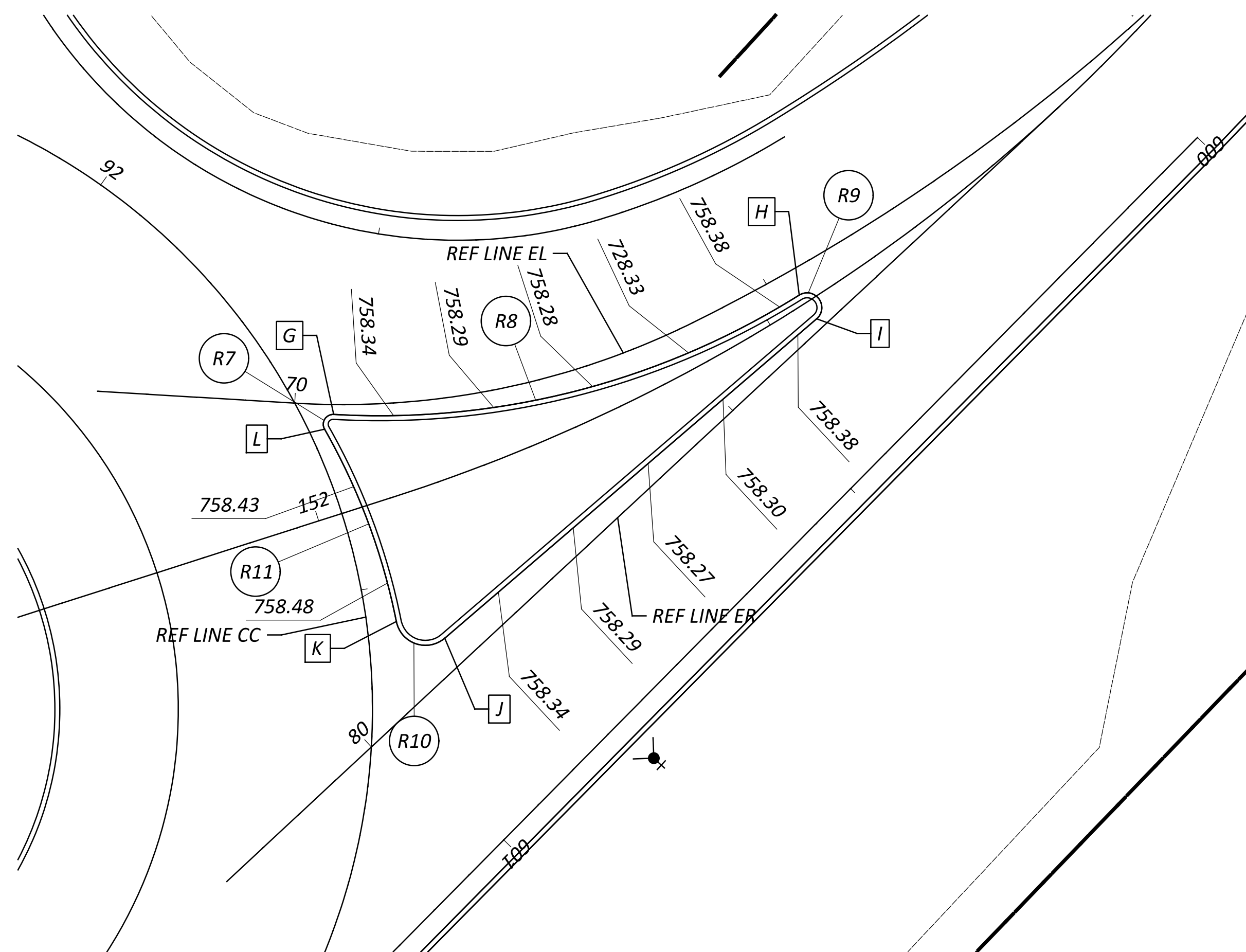
SHEET TOTAL
 P.28 | 52

NOTE: ELEVATIONS SHOWN ARE PAVEMENT AT THE FACE OF THE CURB UNLESS
OTHER WISE NOTED



CURVE LAYOUT DATA (FACE OF CURBS)				
NO.	RADIUS (FT)	Δ	TANGENT (FT)	LENGTH (FT)
R1	1	169°07'08.3"	10.5	2.95
R2	201	02°23'47.3"	4.2	8.41
R3	3	104°04'17.7"	3.84	5.45
R4	65	12°42'40.6"	7.24	14.42
R5	1	125°00'36.2"	1.92	2.18
R6	101	23°05'34.3"	20.63	40.71

LETTER	REF LINE	STA.	OFFSET	ELEV
A	WL	40+32.02	1.00 RT	757.63
B	WL	40+69.10	3.12 RT	757.91
C	CC	90+43.76	3.01 LT	757.93
D	CC	90+29.87	1.50 LT	758.05
E	WR	30+80.00	1.00 LT	758.06
F	WR	30+70.00	1.00 LT	757.63



CURVE LAYOUT DATA (FACE OF CURBS)				
NO.	RADIUS (FT)	Δ	TANGENT (FT)	LENGTH (FT)
R7	1	123°01'00.2"	1.84	2.15
R8	80	35°25'28.3"	25.55	49.46
R9	1.5	171°27'17.5"	20.08	4.49
R10	3	119°21'32.7"	5.13	6.25
R11	65	18°24'22.1"	10.53	20.88

LETTER	REF LINE	STA.	OFFSET (FT)	ELEV. (FT)
G	EL	70+03.96	1.00 RT	758.38
H	EL	70+52.37	2.58 RT	758.41
I	ER	80+62.56	1.00 LT	758.39
J	ER	80+12.94	3.00 LT	758.43
K	CC	92+53.63	3.00 LT	758.50
L	CC	92+33.51	1.50 LT	758.47



SPLITTER ISLAND DETAIL
EAST AND WEST

LOR-83-11.19

MODEL: East and West Sheet PAPER SIZE: 34x22 (in.) DATE: 2/1/2022 TIME: 5:06:57 PM USER: jmcraig
O:\2020\00479\C_Design\114797_Chestnut_RAB\400-Engineering\Roadway\Sheets\114797_GI001.dgn

DESIGN AGENCY

STRUCTUREPOINT
INC.

DESIGNER

ZRM

REVIEWER

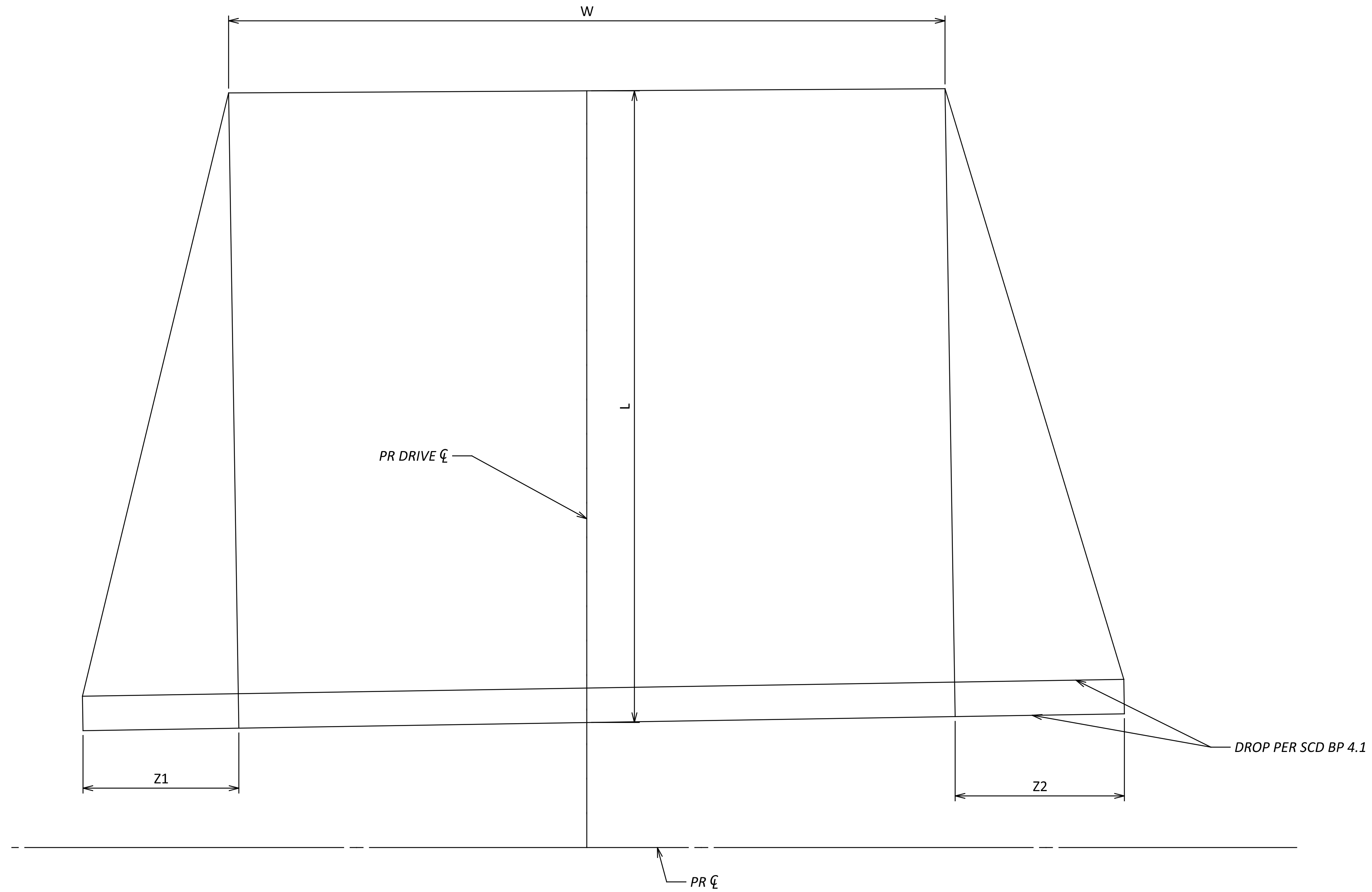
AJL 01/31/22

PROJECT ID

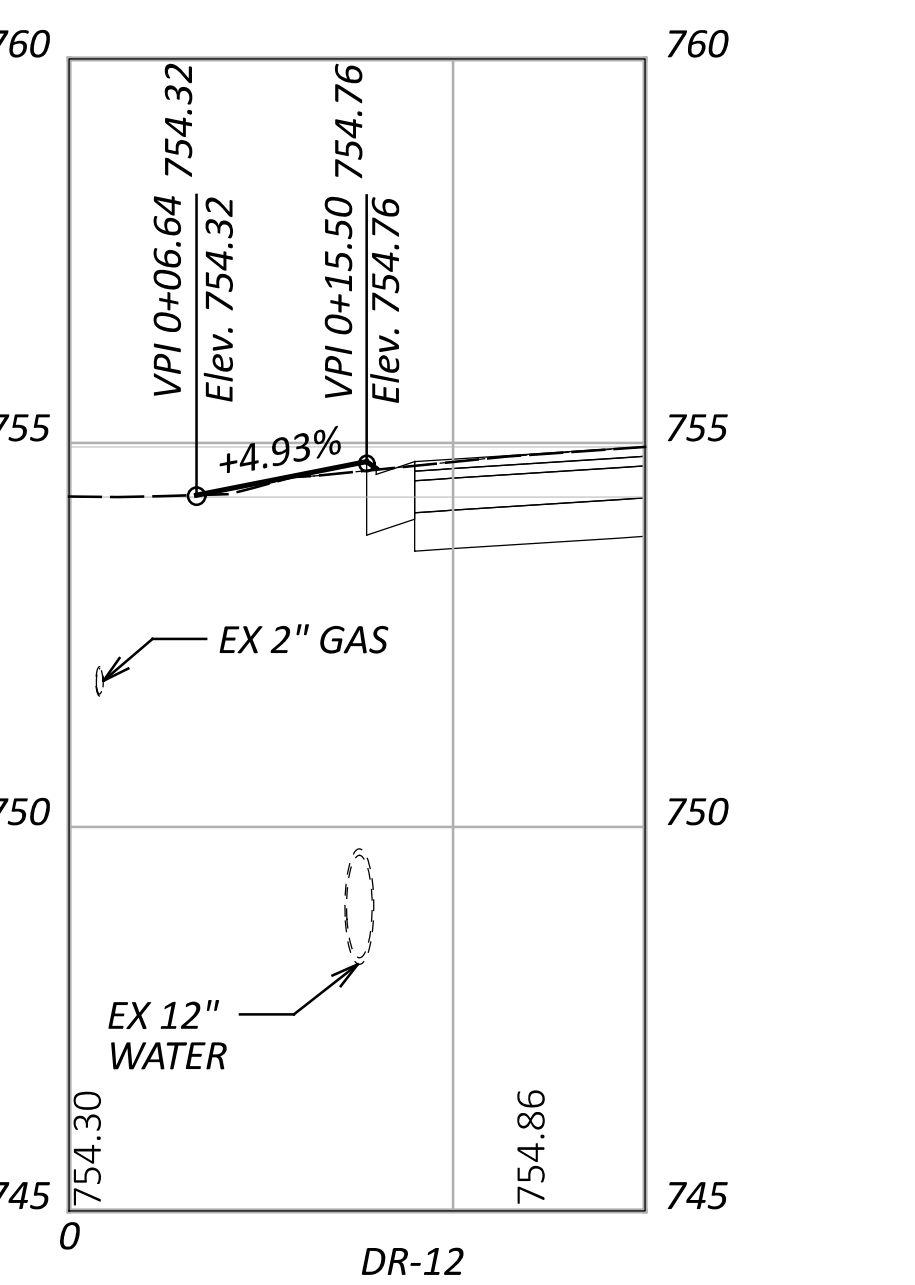
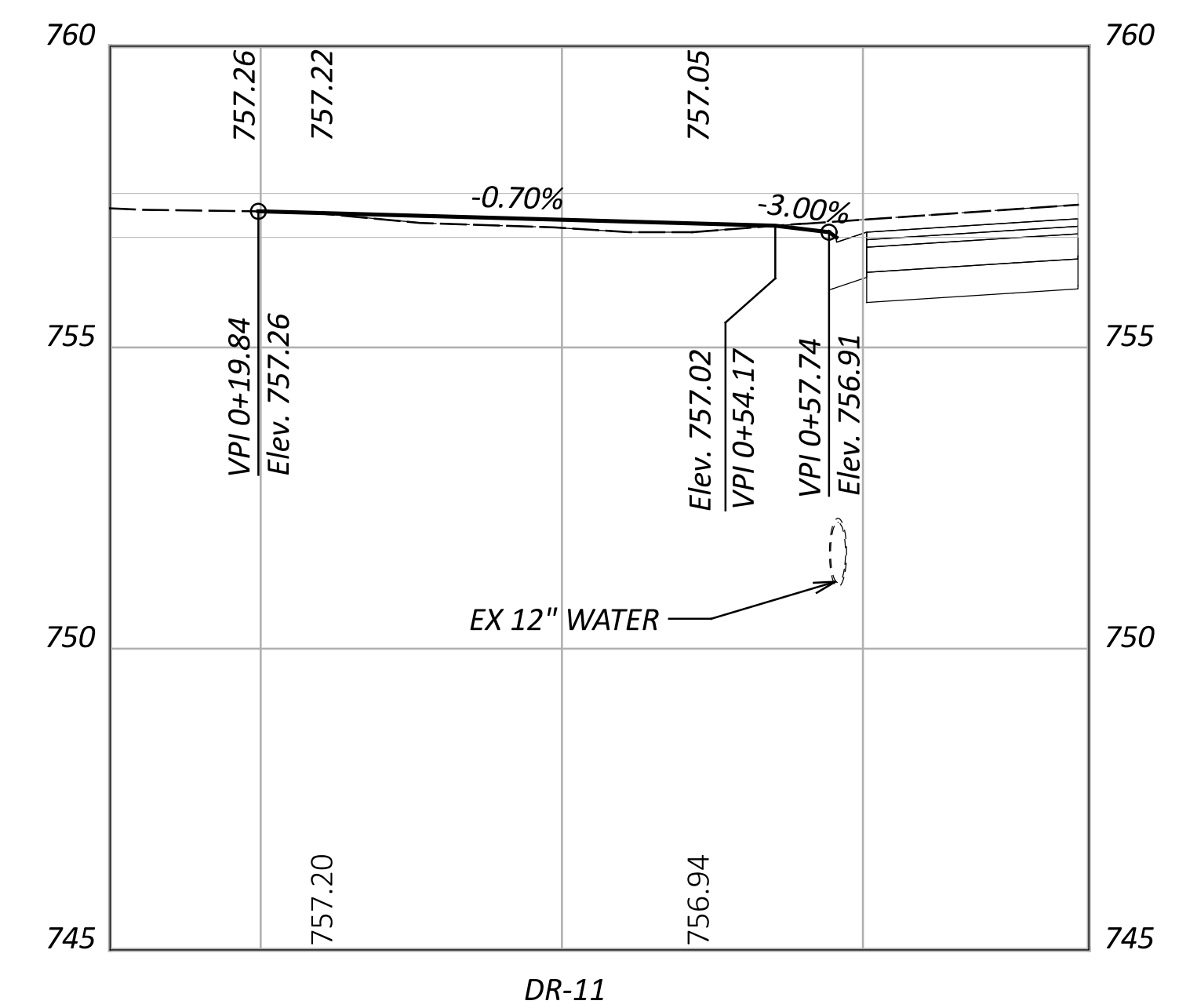
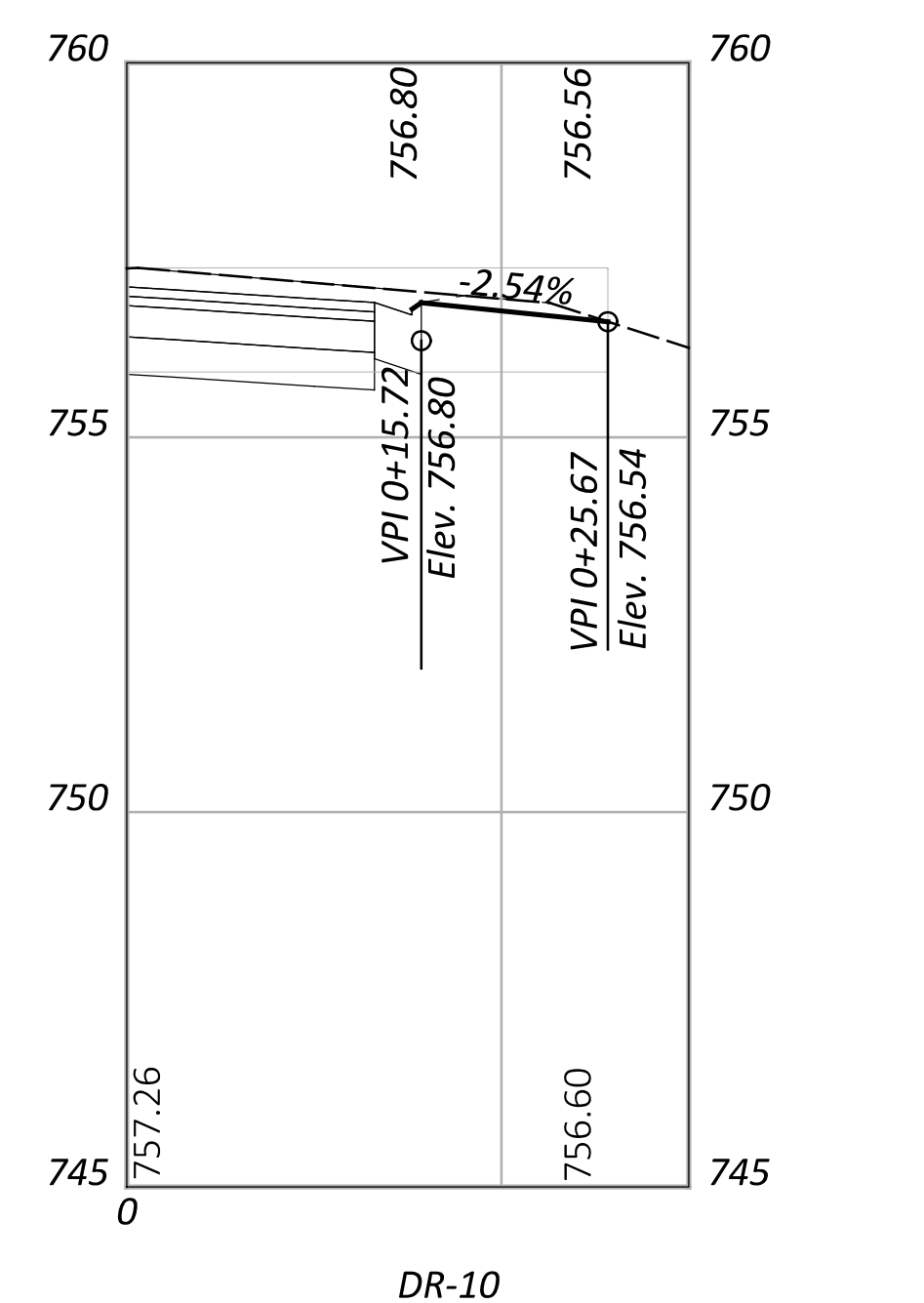
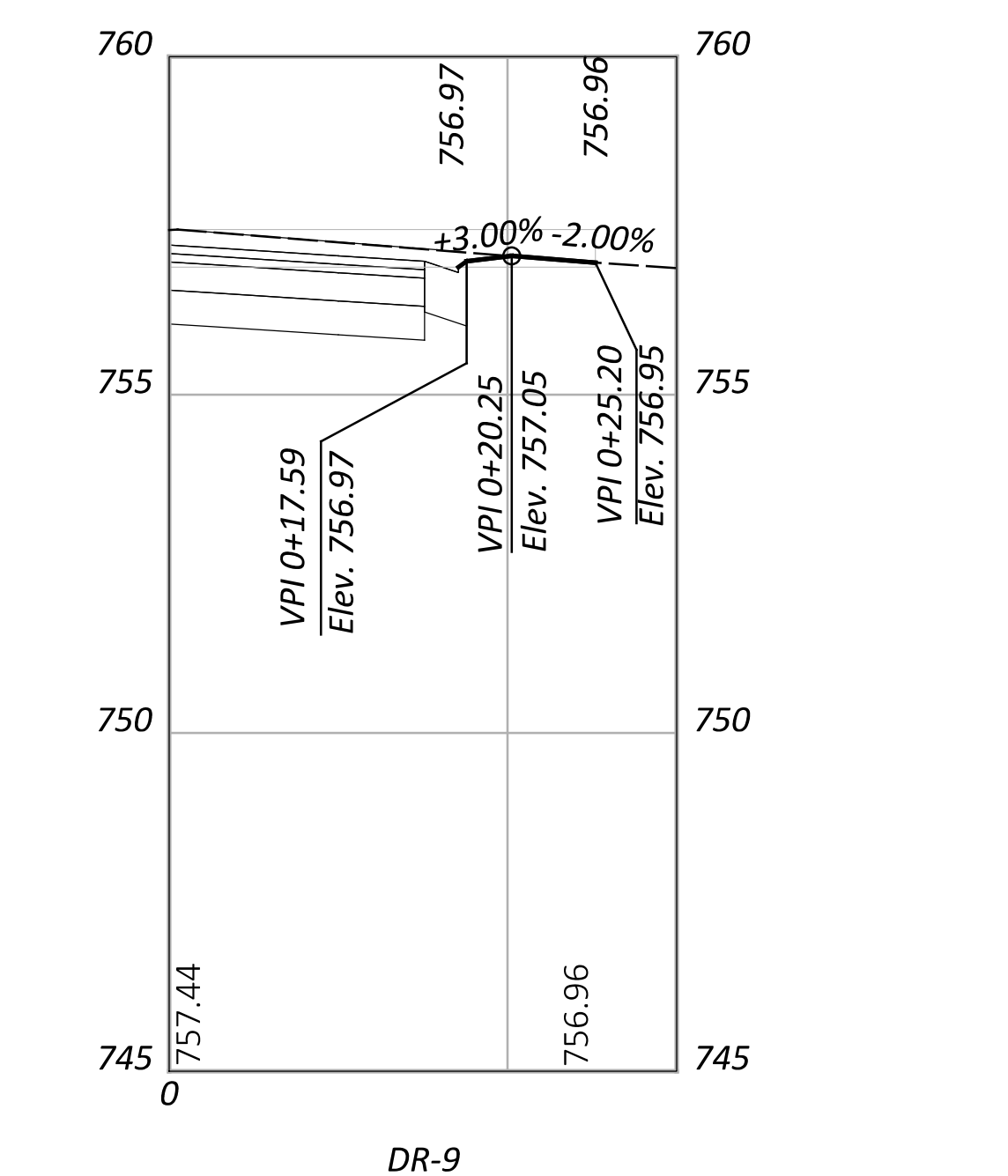
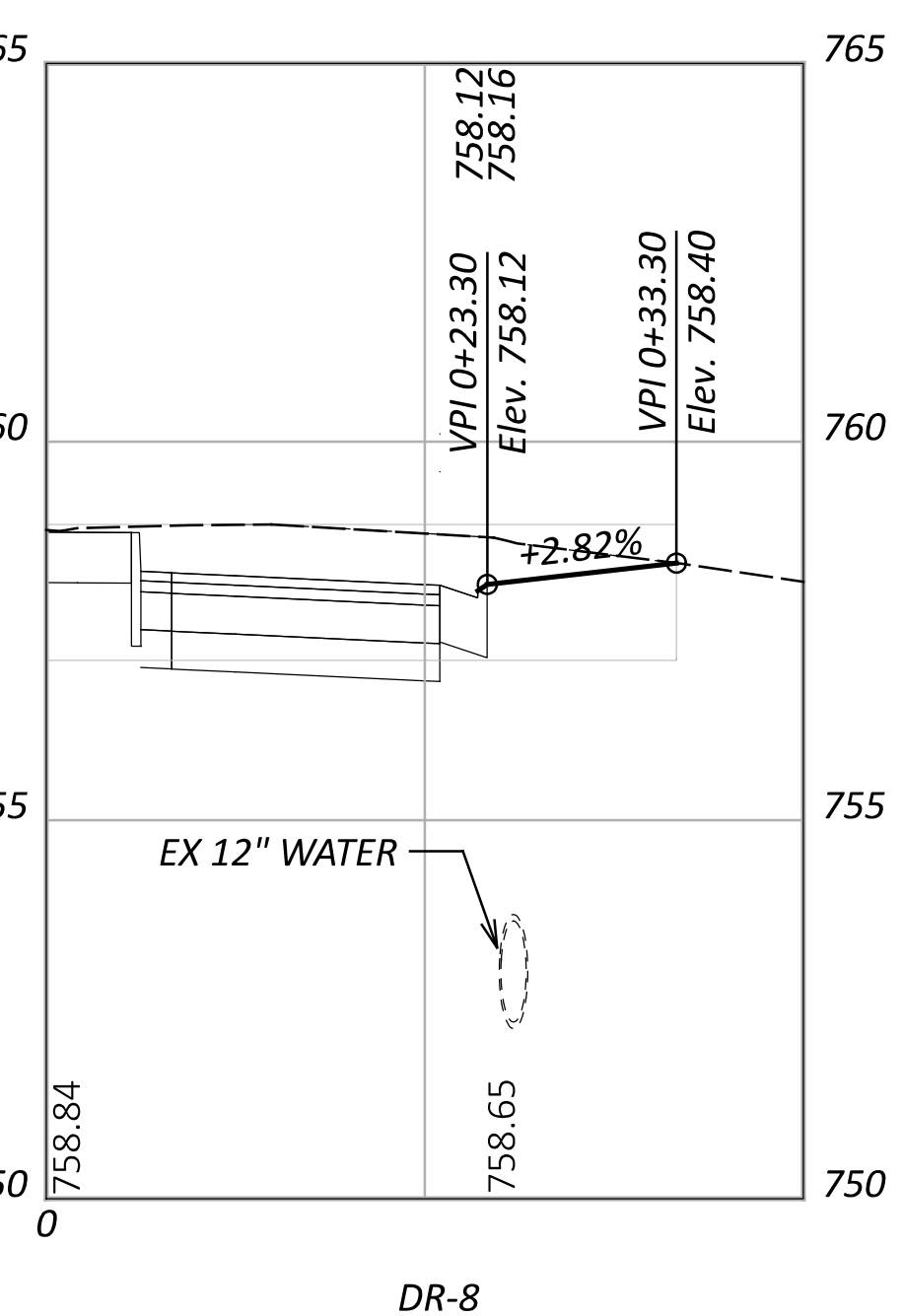
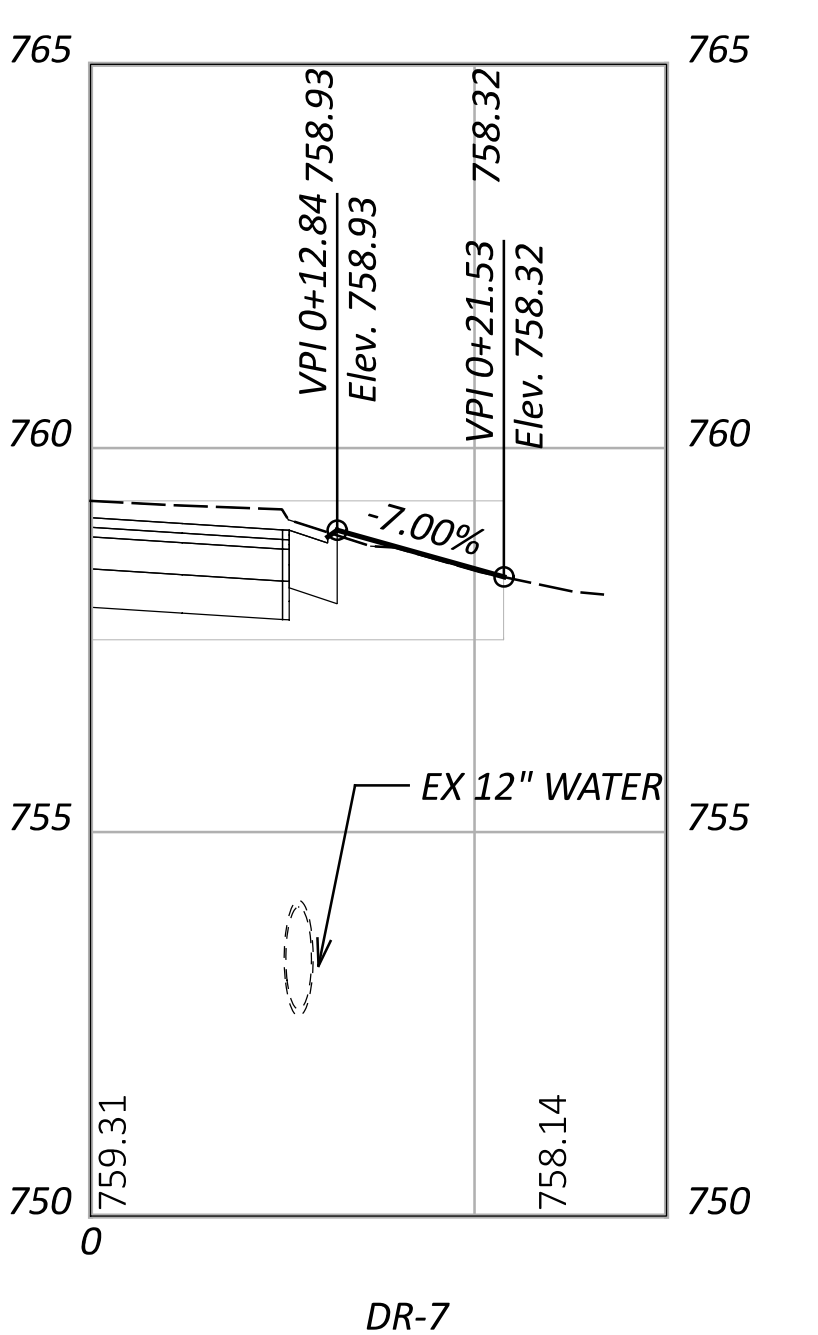
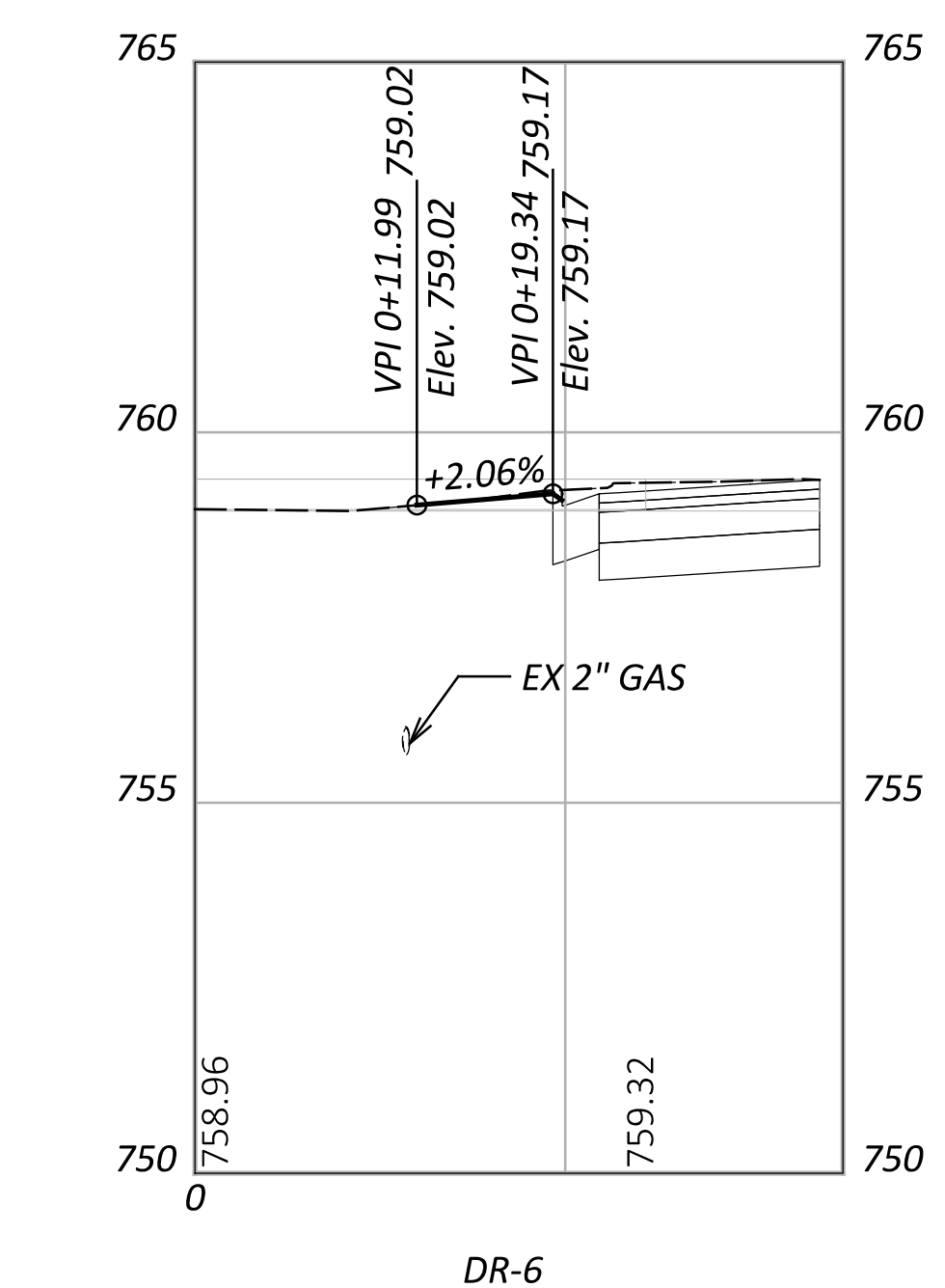
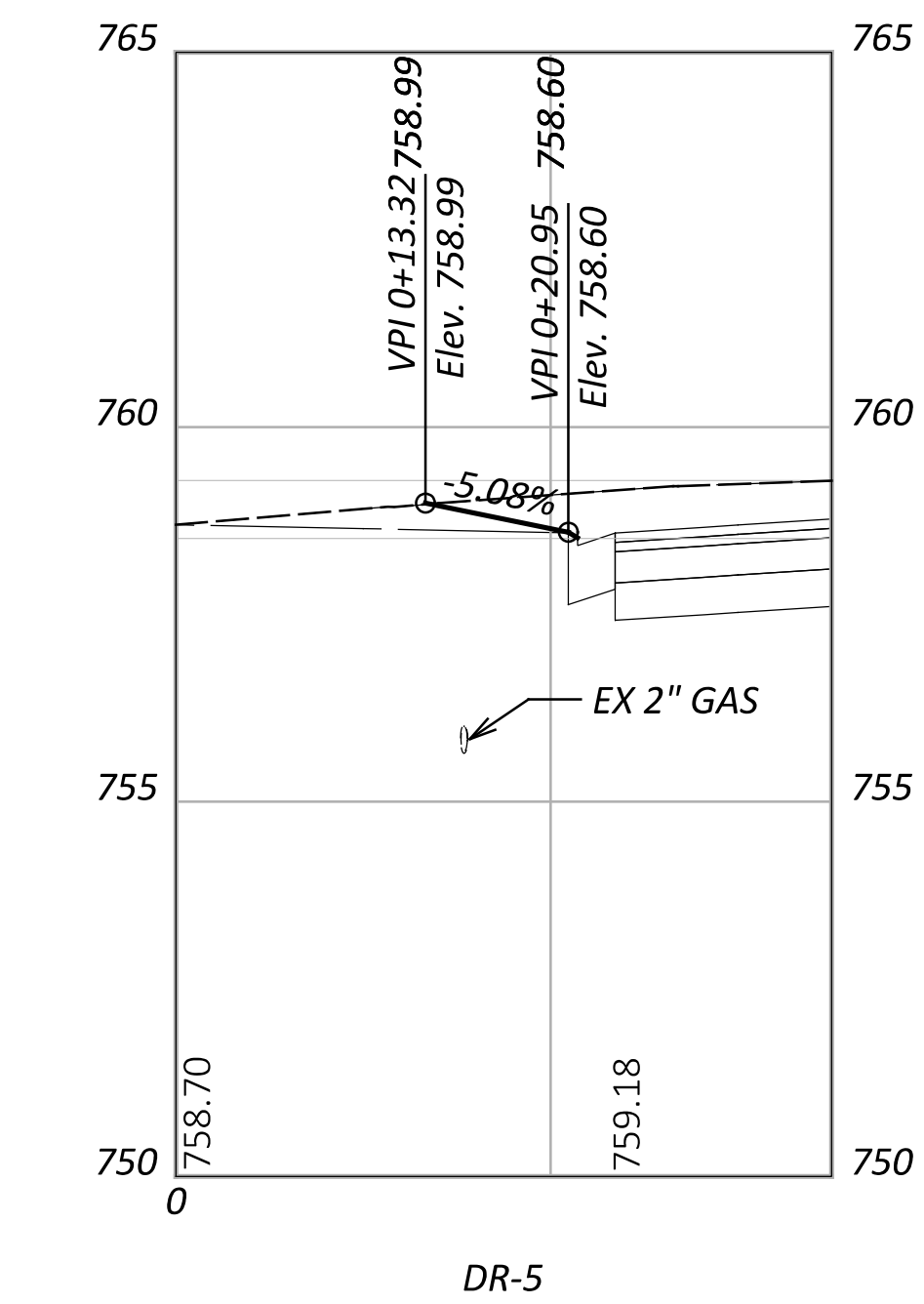
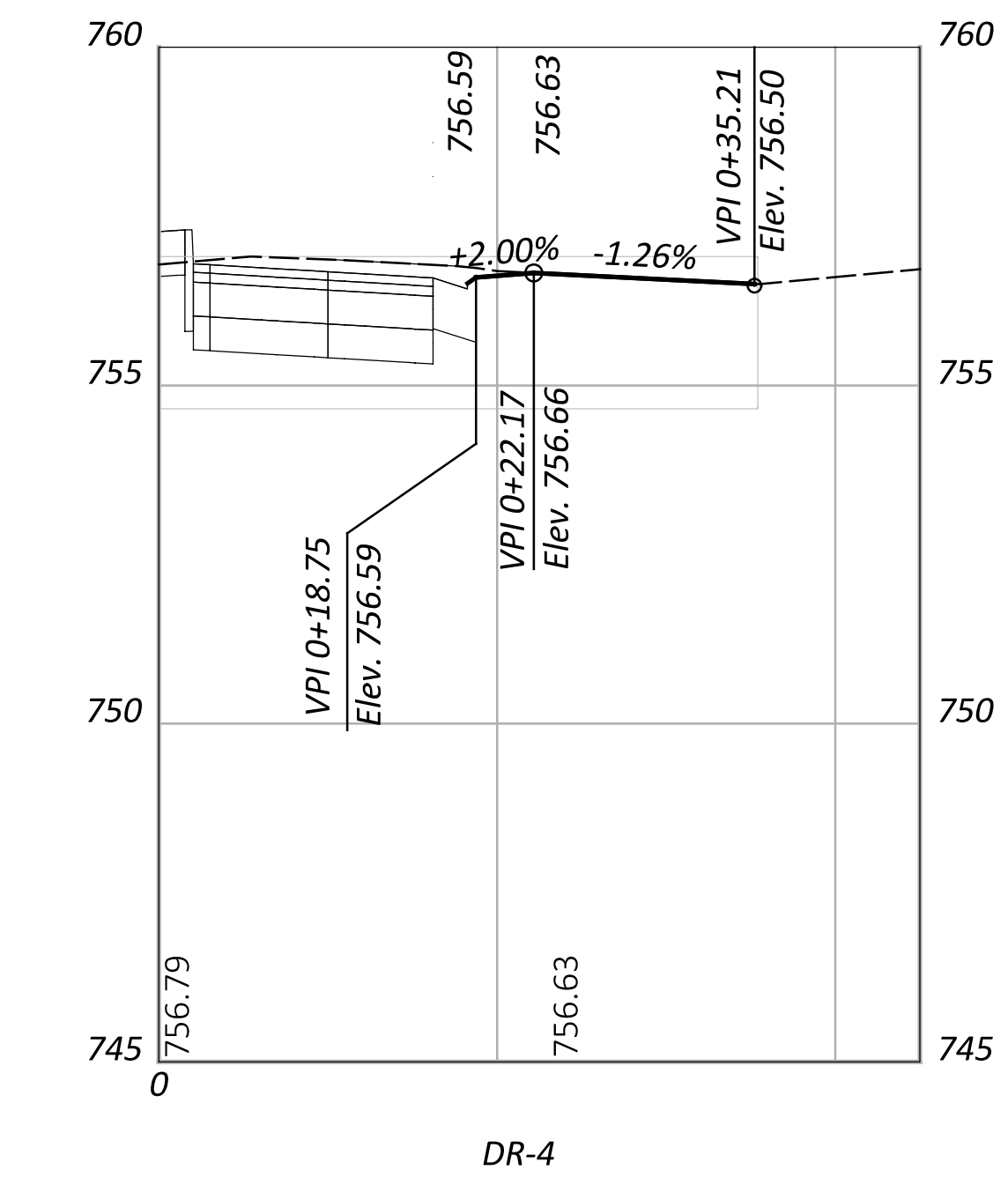
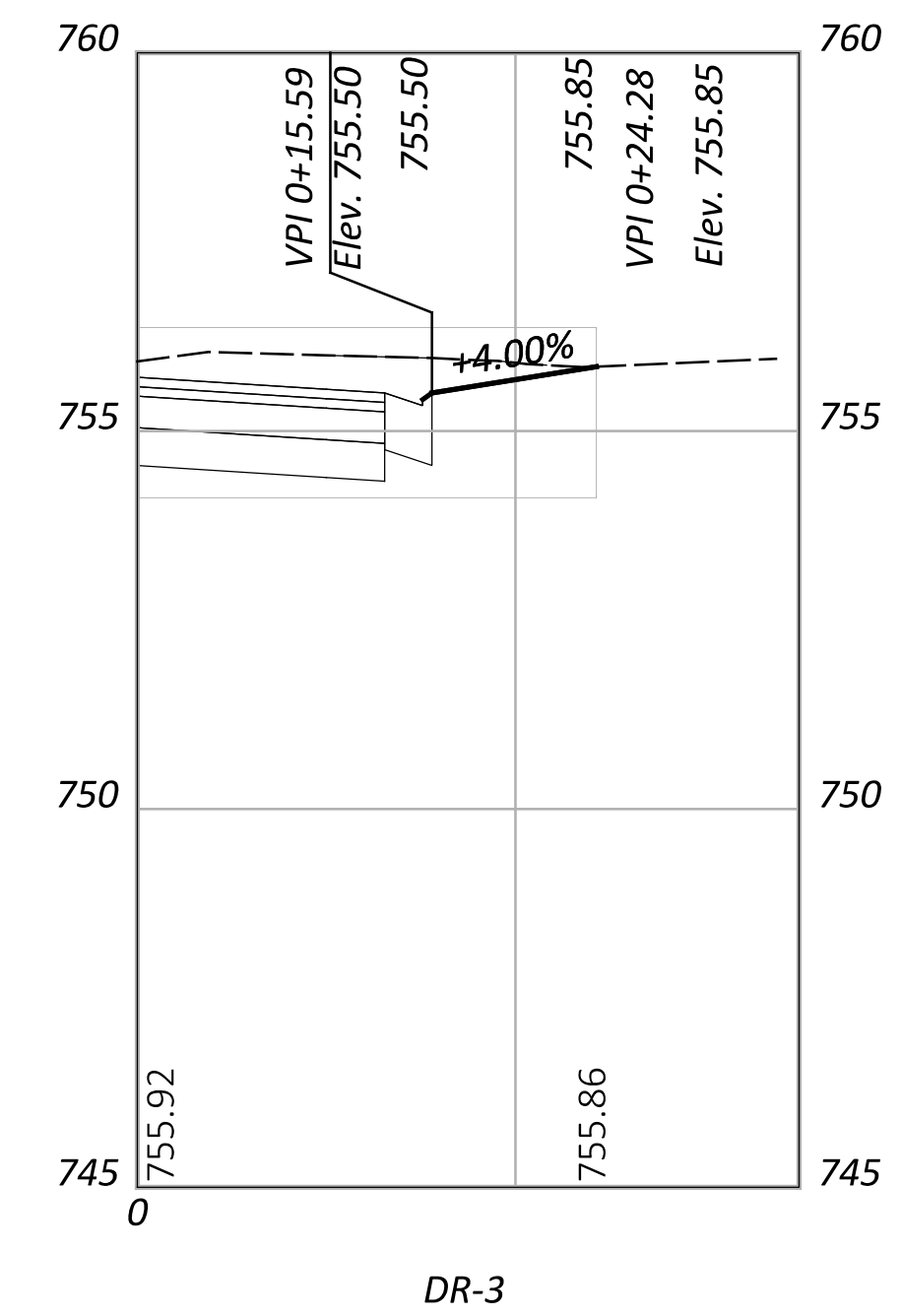
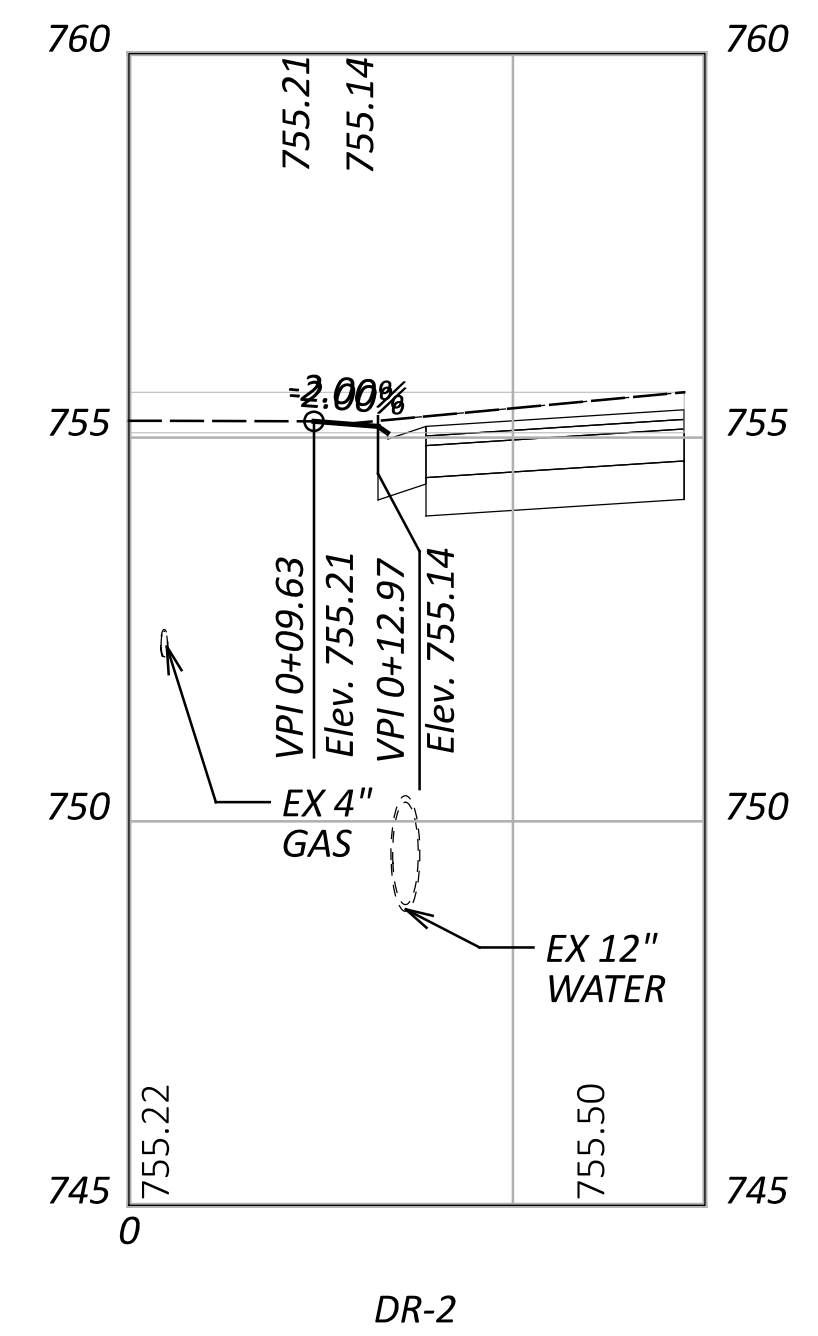
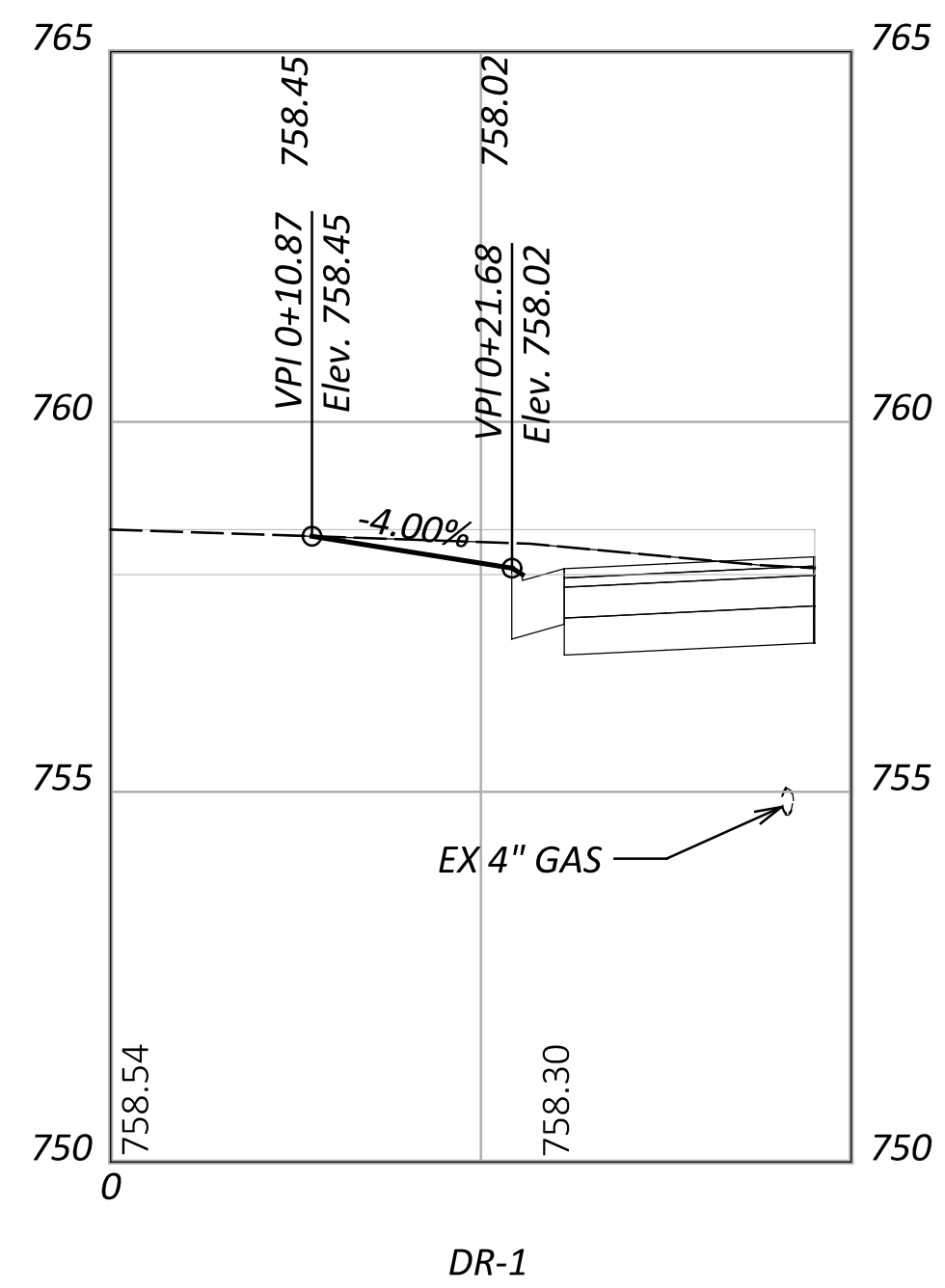
114797

SHEET TOTAL

P.29 52

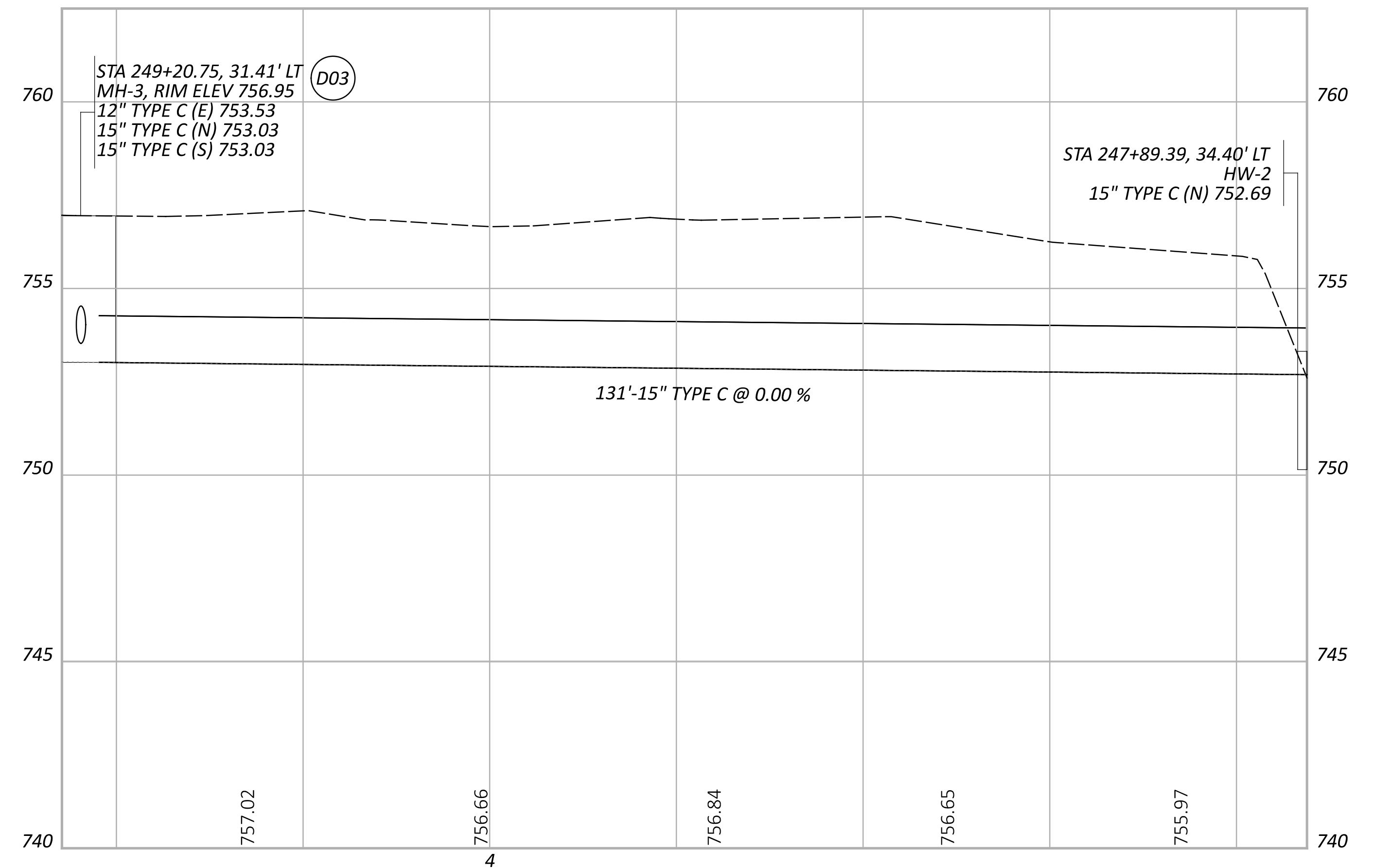
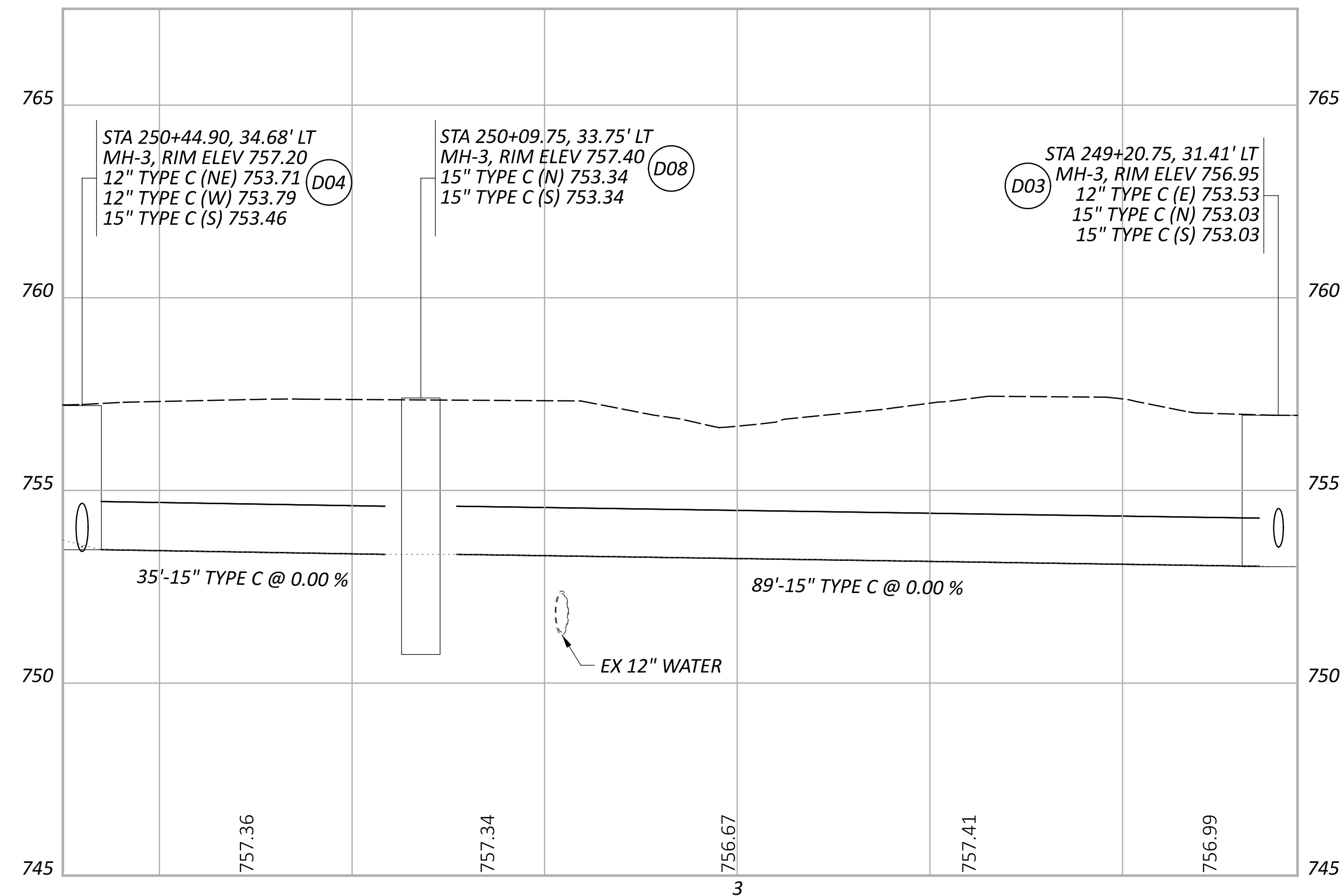
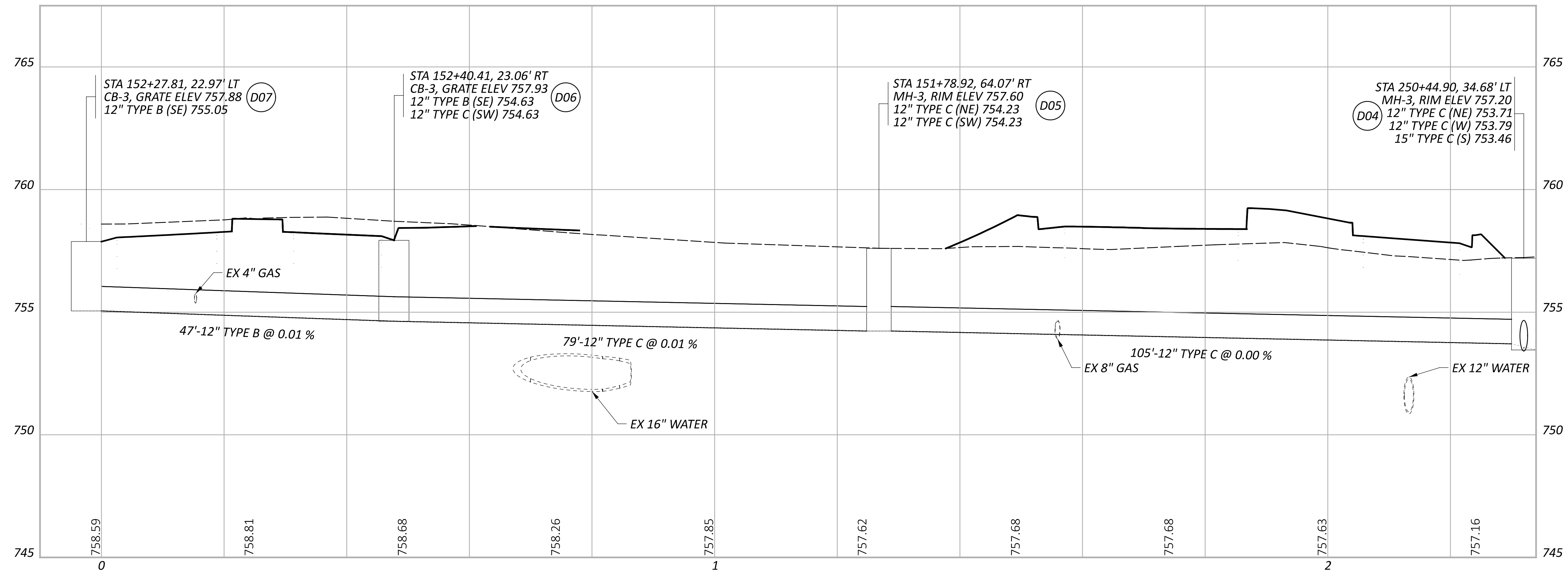


REF. NO.	STATION	SIDE	DRIVE TYPE	DRIVE MATERIAL	DROPPED CURB BEGIN	DROPPED CURB END	FLARE "Z1 & Z2"		
							DRIVEWAY LENGTH "L"	WIDTH "W"	FLARE "Z1 & Z2"
							FT	FT	FT
DR1	147+72.49	LT	RESIDENTIAL	GRAVEL	147+48.23	147+76.57	13.6	9.8	4.75 & 13
DR2	253+76.02	LT	RESIDENTIAL	CONCRETE	253+66.26	253+87.19	3.83	17	1.1 & 2.1
DR3	253+42.98	RT	COMMERCIAL	CONCRETE	253+13.94	253+66.76	9.2	45.8	4.2 & 2.8
DR4	252+71.18	RT	COMMERCIAL	CONCRETE	252+42.79	252+97.18	17.1	37.9	3.8 & 8.7
DR5	153+07.93	LT	COMMERCIAL	CONCRETE	152+82.78	153+31.59	22.1	40.1	3 & 3.5
DR6	153+99.08	LT	COMMERCIAL	CONCRETE	153+51.11	154+36.37	10.7	75.5	4.7 & 4.4
DR7	153+55.83	LT	RESIDENTIAL	CONCRETE	153+48.17	153+63.42	9.2	10.4	2.6 & 2.4
DR8	152+37.87	RT	COMMERCIAL	GRAVEL	152+25.9	152+63.53	10.5	24.0	10 & 10
DR9	249+78.18	RT	COMMERCIAL	GRAVEL/CONCRETE	249+59.88	249+95.59	8.1	20.0	8.7 & 7.9
DR10	249+38.29	RT	RESIDENTIAL	GRAVEL	249+25.90	249+50.68	10.5	14.8	5.5 & 4.4
DR11	249+67.65	LT	COMMERCIAL	GRAVEL	249+47.92	249+87.9	8.0	24.0	8 & 8
DR12	254+30.32	LT	RESIDENTIAL	CONCRETE	254+13.73	254+44.59	6.8	23.0	9.6 & 15.5



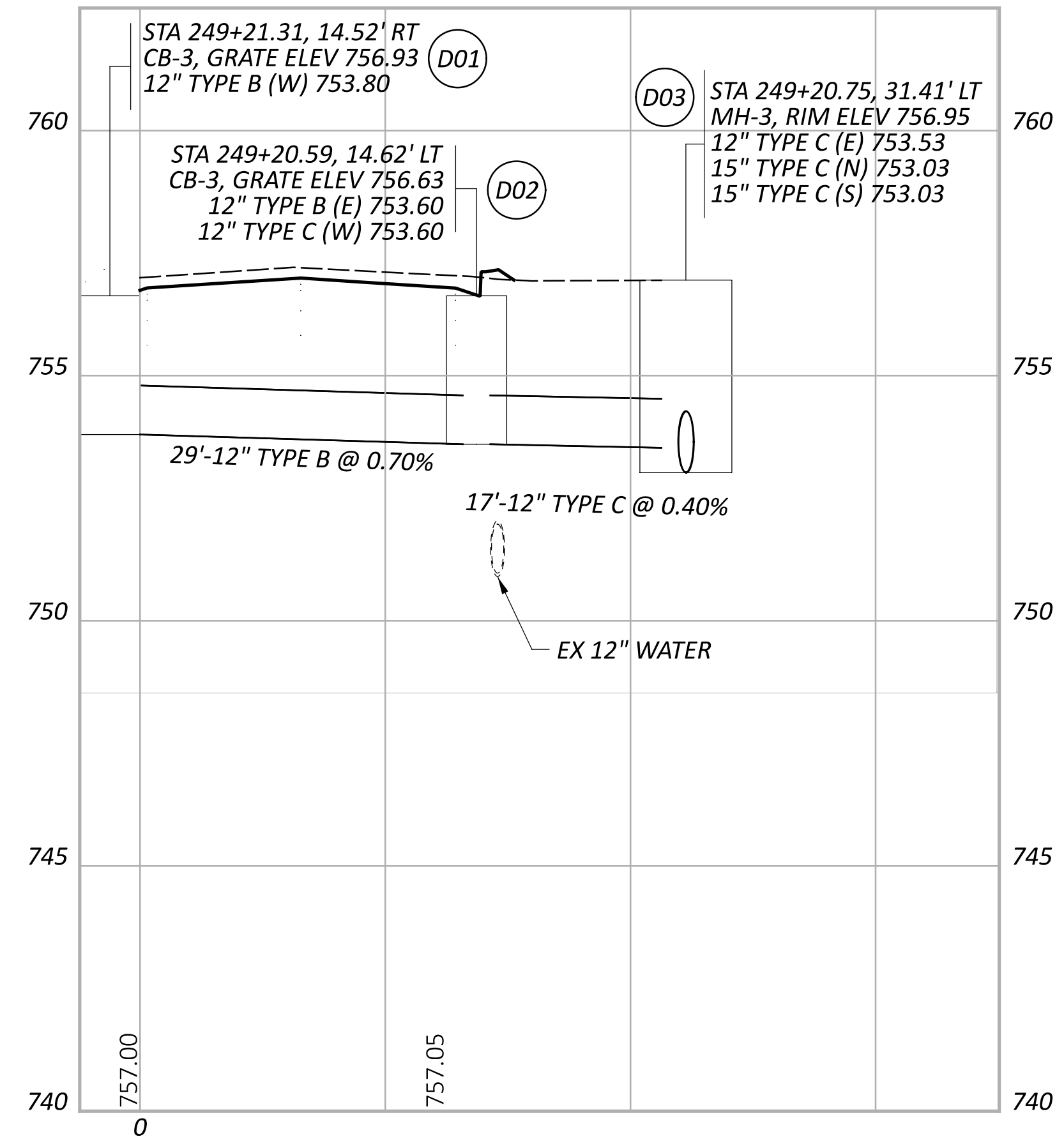
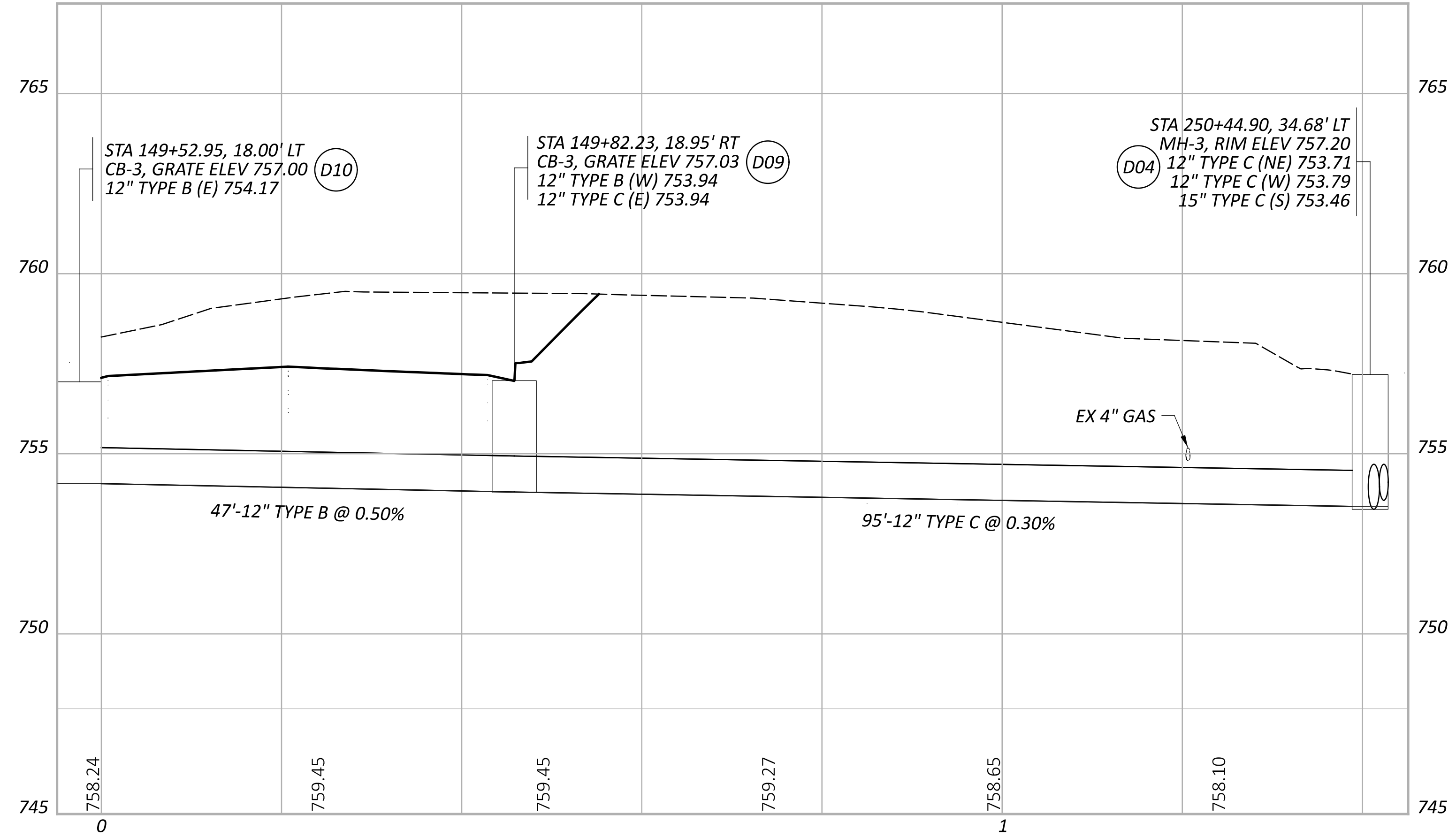
DRIVE PROFILE

DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	ZRM
REVIEWER	AJL 01/31/22
PROJECT ID	114797
SHEET	TOTAL
P.31	52



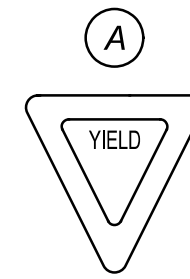
STORM SEWER PROFILES

DESIGN AGENCY	
DESIGNER	
JGM	
REVIEWER	
AJL 01/31/22	
PROJECT ID	
114797	
SHEET	TOTAL
P.32	52



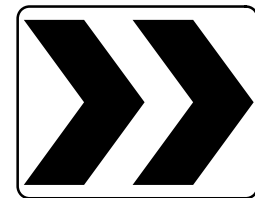
STORM SEWER PROFILES

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	
JGM	
REVIEWER	
AJL 01/31/22	
PROJECT ID	
114797	
SHEET	TOTAL
P.33	52



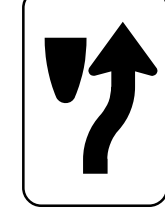
R-1-2-30

- 1 STA 250+71, 5.4' RT
- 2 STA 250+66, 31.5' RT
- 3 STA 152+06, 6.8' LT
- 4 STA 152+12, 34.3' LT
- 5 STA 252+09, 7.9' LT
- 6 STA 252+17, 32.4' LT
- 7 STA 150+69, 6.5' RT
- 8 STA 150+60, 37.0' RT



R6-4-30

- 1 STA 251+14, 13.1' RT
- 2 STA 251+59, 23.4' RT
- 3 STA 251+58, 23.8' LT
- 4 STA 251+24, 24.7' LT



R4-8-18

- 1 STA 250+04, 0.0' LT
- 2 STA 152+50, 1.0' RT
- 3 STA 150+36, 0.0' LT
- 4 STA 253+04, 0.0' LT

Avon Beldon Rd.

M3-1-24 OR M3-3-24
M1-5-24-2
D1-1D-60

- 1 STA 250+70, 9.3' LT (USE SOUTH SIGN)
- 2 STA 252+11, 8.2' RT (USE NORTH SIGN)



Chestnut Ridge Rd.

D1-1D-60

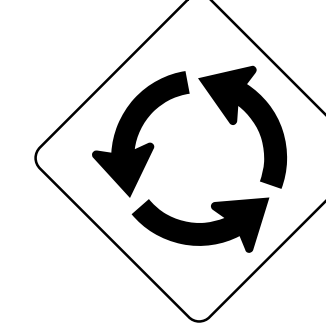
- 1 STA 150+67, 6.2' LT
- 2 STA 152+07, 12.4' RT



Avon Beldon Rd.

W2-6-30
W16-8P-36

- 1 STA 248+72.00, 19.8' RT
- 2 STA 254+03.50, 17.9' LT



Chestnut Ridge Rd.

W2-6-30
W16-8P-36

- 1 STA 148+75.00, 22.7' RT
- 2 STA 154+41.38, 17.1' LT

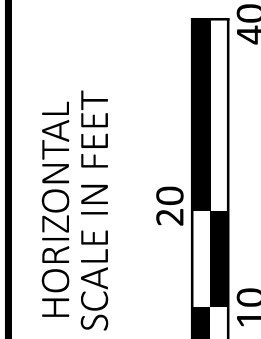


SPEED LIMIT 35

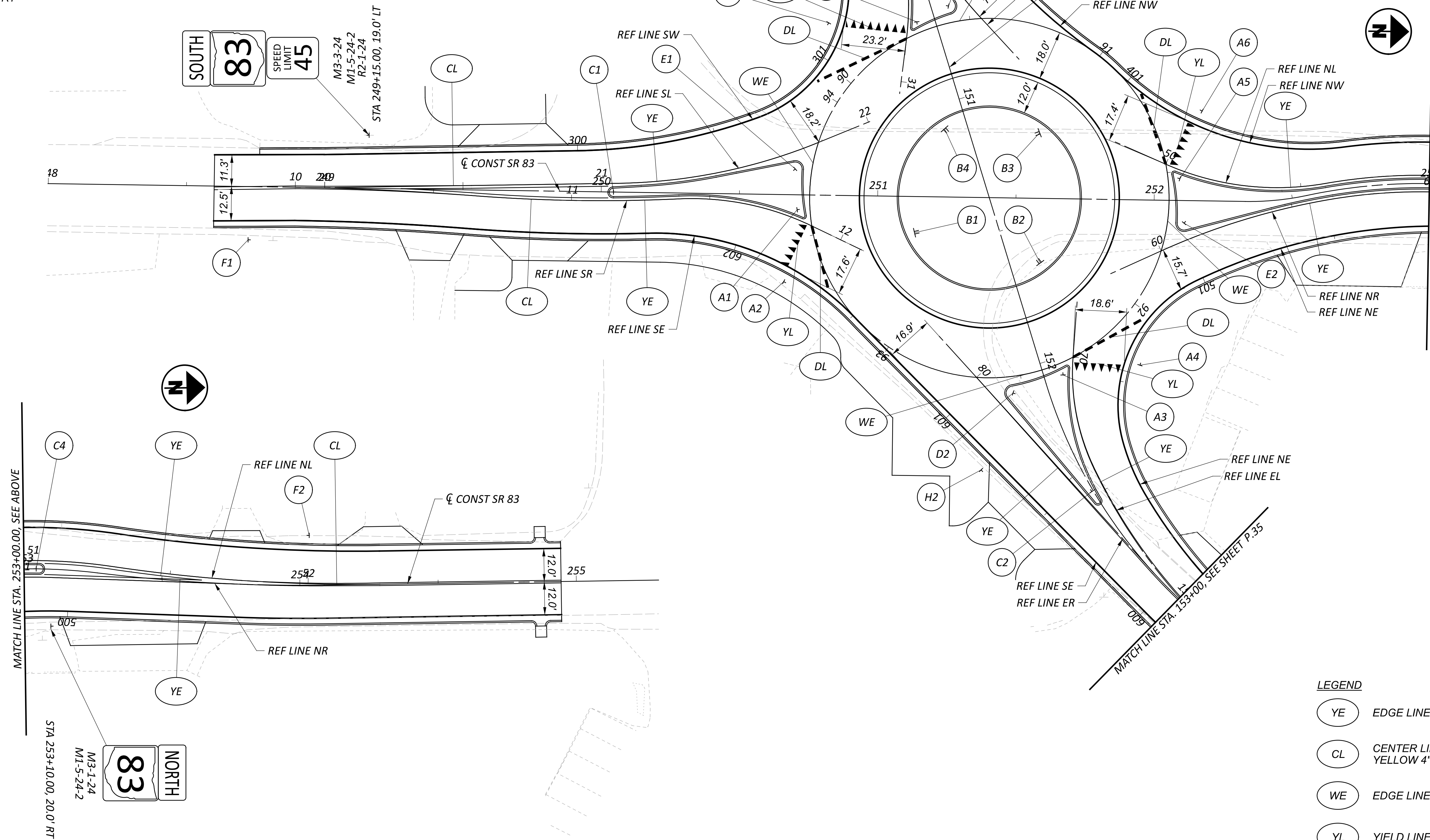


R2-1-24
R5-2-24

- 1 STA 150+60.00 33.5' LT
- 1 STA 152+30.00 33.5' RT



TRAFFIC CONTROL



- LEGEND**
- EDGE LINE, YELLOW 4"
 - CENTER LINE, DOUBLE YELLOW 4"
 - EDGE LINE, WHITE 4"
 - YIELD LINE

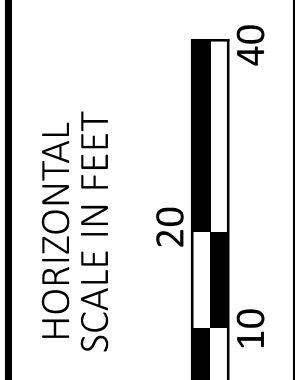
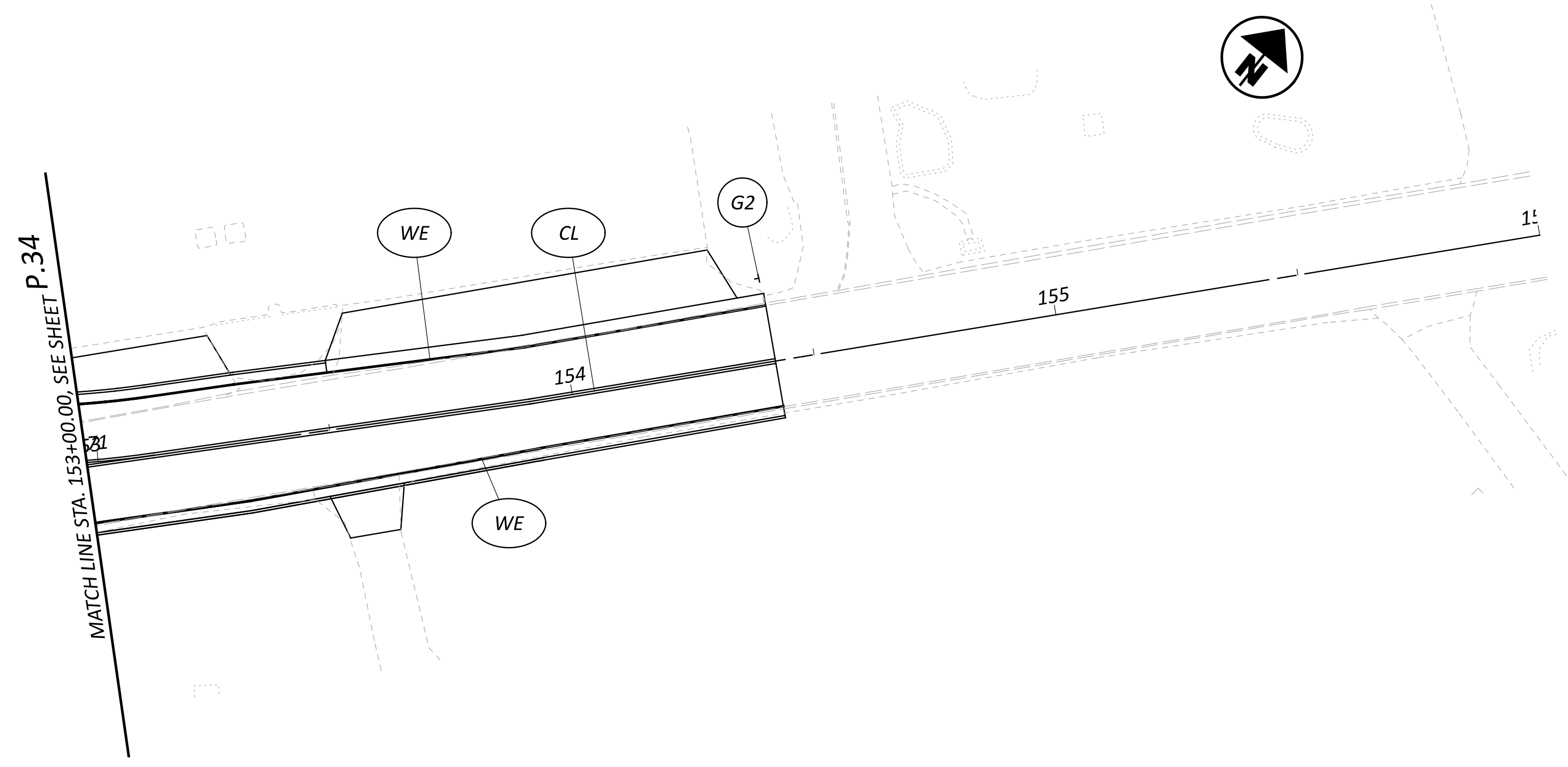
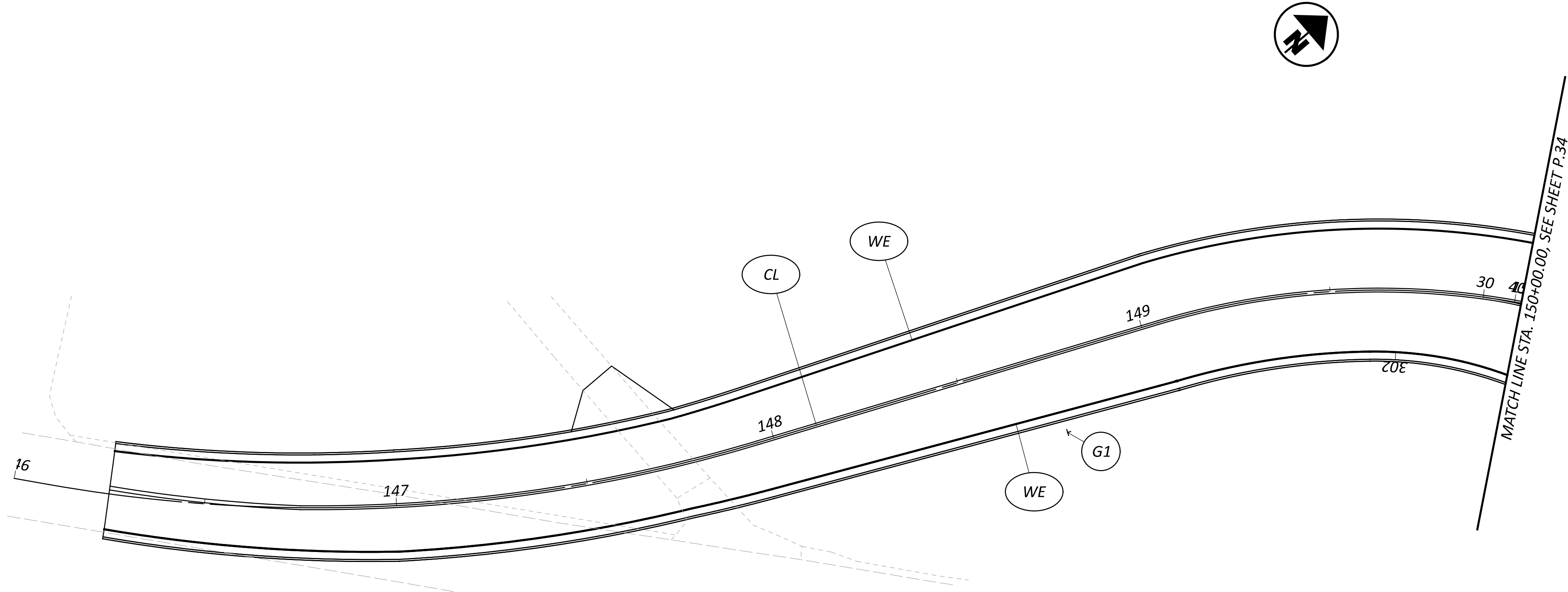
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
ZRM

REVIEWER
AJL 01/31/22

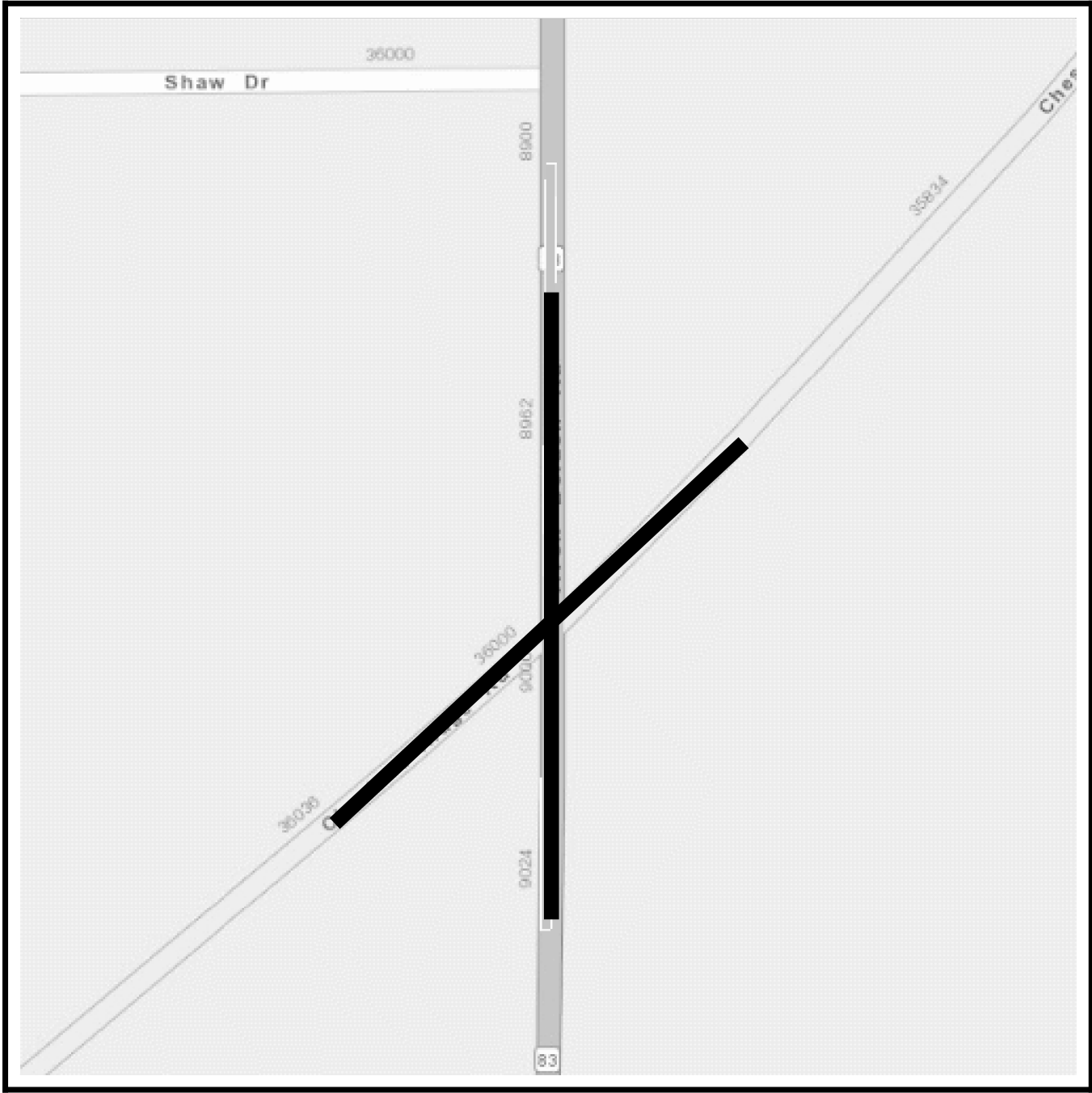
PROJECT ID
114797

SHEET TOTAL
P.34 | 52



TRAFFIC CONTROL

DESIGN AGENCY	
STRUCTUREPOINT INC.	
DESIGNER	
ZRM	
REVIEWER	
AJL 01/31/22	
PROJECT ID	
114797	
SHEET	TOTAL
P.35	52



LOCATION MAP

LATITUDE: 41° 21' 44" N LONGITUDE: 81° 01' 08" W



RIGHT OF WAY LEGEND SHEET LOR-83-11.19

LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT NOS.
23, 24, 25 & 26, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

PROJECT DESCRIPTION
INSTALLATION OF A ROUNDABOUT AT THE INTERSECTION OF SR 83 AND CHESTNUT RIDGE RD. FULL DEPTH PAVEMENT, LIGHTING, STORM SEWER, AND SIGNING AND PAVEMENT MARKINGS BE WILL BE CONSTRUCTED AS PART OF THE IMPROVEMENTS.

PROJECT CONTROL
STATE PLANE GRID NORTH ZONE, NAD 83 (2011 ADJUSTMENT)
PROJECT ADJUSTMENT FACTOR 1.0000835195 (SCALED ABOUT C.P. 2000)

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

TYPES OF TITLE LEGEND:
WD = WARRANTY DEED
T = TEMPORARY EASEMENT

STRUCTURE KEY

	RESIDENTIAL
	COMMERCIAL
	OUT-BUILDING

INDEX OF SHEETS:

LEGEND SHEET	1
CENTERLINE PLAT	2-3
PROPERTY MAP	4
SUMMARY OF ADDITIONAL R/W	5
R/W TOPO SHEETS	6-16 (EVEN)
R/W BOUNDARY SHEETS	7-17 (ODD)

PLANS PREPARED BY:

FIRM NAME : AMERICAN STRUCTUREPOINT, INC.
R/W DESIGNER: JONATHAN B. YOUMANS / MICHAEL W. MAYES
R/W REVIEWER: BRIAN P. BINGHAM / MICHAEL J. WARD
FIELD REVIEWER: _____
PRELIMINARY FIELD REVIEW DATE: _____
TRACINGS FIELD REVIEW DATE: _____
OWNERSHIP UPDATED BY: _____
DATE COMPLETED: _____
PLAN COMPLETION DATE: _____

UTILITIES
LISTED BELOW ARE THE UTILITIES LOCATED WITHIN THE PROJECT LIMITS, TOGETHER WITH THEIR RESPECTIVE OWNERS:

PAVEMENTS	CITY OF NORTH RIDGEVILLE	440-353-0842
STORM SEWERS	CITY OF NORTH RIDGEVILLE	440-353-0842
WATERLINES	CITY OF NORTH RIDGEVILLE	440-353-0842
AVON LAKE REGIONAL WATER	CARL BUSSE	440-541-8237
COLUMBIA GAS	TOPE AKINMOLADUN	605-209-9578
OHIO EDISON	MICHAEL ZANNI	440-326-3271
WOW CLEVELAND	TOM AUBRY	440-973-4375
ASPIRE ENERGY	ANTHONY D'EGIDIO	330-682-7726

THE CONTRACTOR SHALL VERIFY THE ABOVE INFORMATION WITH OHIO 811 BEFORE CONSTRUCTION BEGINS

CONVENTIONAL SYMBOLS

Section Line	-----	Buried Telephone Line	---T---
Fence Line (Ex)	---x---x---(Pr)---x---x---	Overhead Telephone Line	---OH-T---
Center Line	-----	Water Line	---W---
Right of Way (Ex)	---Ex R/W---	Gas Line	---G---
Right of Way (Pr)	---R/W---	Ownership Hook Symbol	Example
Standard Highway Ease.(Ex)	---Ex SH---	Property Line Symbol	Example
Temporary Right of Way	---TMP---	Break Line Symbol	Example
Utility Ease. (Ex)	---Ex U---	Tree (Ex)	
Construction Limits	---.---.---.---	Shrub (Ex)	
Edge of Pavement (Ex)	---.---.---	Tree (Remove)	
Edge of Pavement (Pr)	-----	Shrub (Remove)	
Edge of Shoulder (Ex)	---.---.---	Evergreen (Ex)	
Edge of Shoulder (Pr)	-----	Stump	
Ditch / Creek (Ex)	---.---.---	Evergreen (Remove)	
Ditch / Creek (Pr)	-----	Stump (Remove)	
Buried Electric Line	---E---	Post (Ex)	
Overhead Electric Line	---OH-E---	Mailbox (Ex)	
Overhead Combined Line	---OH-Comb---	Mailbox (Pr)	
Overhead Fiber Optic Line	---OH-FO---	Light (Ex)	
		Telephone Marker (Ex)	
		Fire Hydrant (Ex)	
		Water Meter (Ex)	
		Water Valve (Ex)	
		Utility Valve Unknown (Ex.)	
		Telephone Pole (Ex)	
		Power Pole (Ex)	
		Light Pole (Ex)	

I, Michael J. Ward, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on October 29, 2021. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinate System, North Zone on NAD 83 (2011 Adjustment) datum. The Project Coordinates (US Survey feet) are relative to State Plane Grid Coordinates (US Survey feet) by a Project Adjustment Factor multiplier of 1.0000835195. As a part of this project I have reestablished the locations of the existing property lines and centerline of existing Right of Way for property takes contained herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "A Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

Michael J. Ward, Professional Land Surveyor No. 8808, Date: _____

SURVEYORS SEAL

DESIGN AGENCY	
DESIGNER	JBY/MWM
REVIEWER	BPB
PROJECT ID	114797
SUBSET	TOTAL
1	17
SHEET	TOTAL
36	52

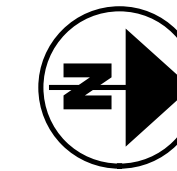
- AA PC STA. 252+32.95
- AB PRC STA. 252+55.41
- AC PRC STA. 253+26.64
- AD PT STA. 254+08.80
- BA PC STA. 146+09.10
- BB PT STA. 147+95.59
- BC PC STA. 149+04.49
- BD PCC STA. 149+98.22
- BE PT STA. 150+43.82
- BF PC STA. 152+07.67
- BG PT STA. 152+97.56
- BH PI STA. 153+91.15
- BI PI STA. 157+55.11
- A PI STA. 319+02.27
- B PI STA. 325+73.37

- 1 STA. 31+74.00 (C R/W SR 83)=
STA. 250+50.00 (C CONST. SR 83)=
STA. 319+02.27 (C R/W CHESTNUT RIDGE)
- 2 STA. 32+64.35 (C R/W SR 83)=
STA. 251+40.35 (C CONST. SR 83)=
STA. 151+37.30 (C CONST. CHESTNUT RIDGE)
- 3 STA. 33+56.95 (C R/W SR 83)=
STA. 252+32.95 (C CONST. SR 83)
- 4 STA. 35+31.90 (C R/W SR 83)=
STA. 254+08.80 (C CONST. SR 83)
- 5 STA. 36+44.13 (C R/W SR 83)=
STA. 255+21.03 (C CONST. SR 83)=
STA. 403+84.81 (C R/W SHAW)
- 6 STA. 314+61.36 (C R/W CHESTNUT RIDGE)=
STA. 146+09.10 (C CONST. CHESTNUT RIDGE)
- 7 STA. 322+09.40 (C R/W CHESTNUT RIDGE)=
STA. 153+91.15 (C CONST. CHESTNUT RIDGE)

C R/W & CONST.
CHESTNUT RIDGE RD.
N 50° 20' 32" E

LOR-83-11.19

LORAIN COUNTY, OHIO
CITY OF NORTH RIDGEVILLE
ORIGINAL RIDGEVILLE TOWNSHIP LOT NOS.
23, 24, 25 & 26, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE



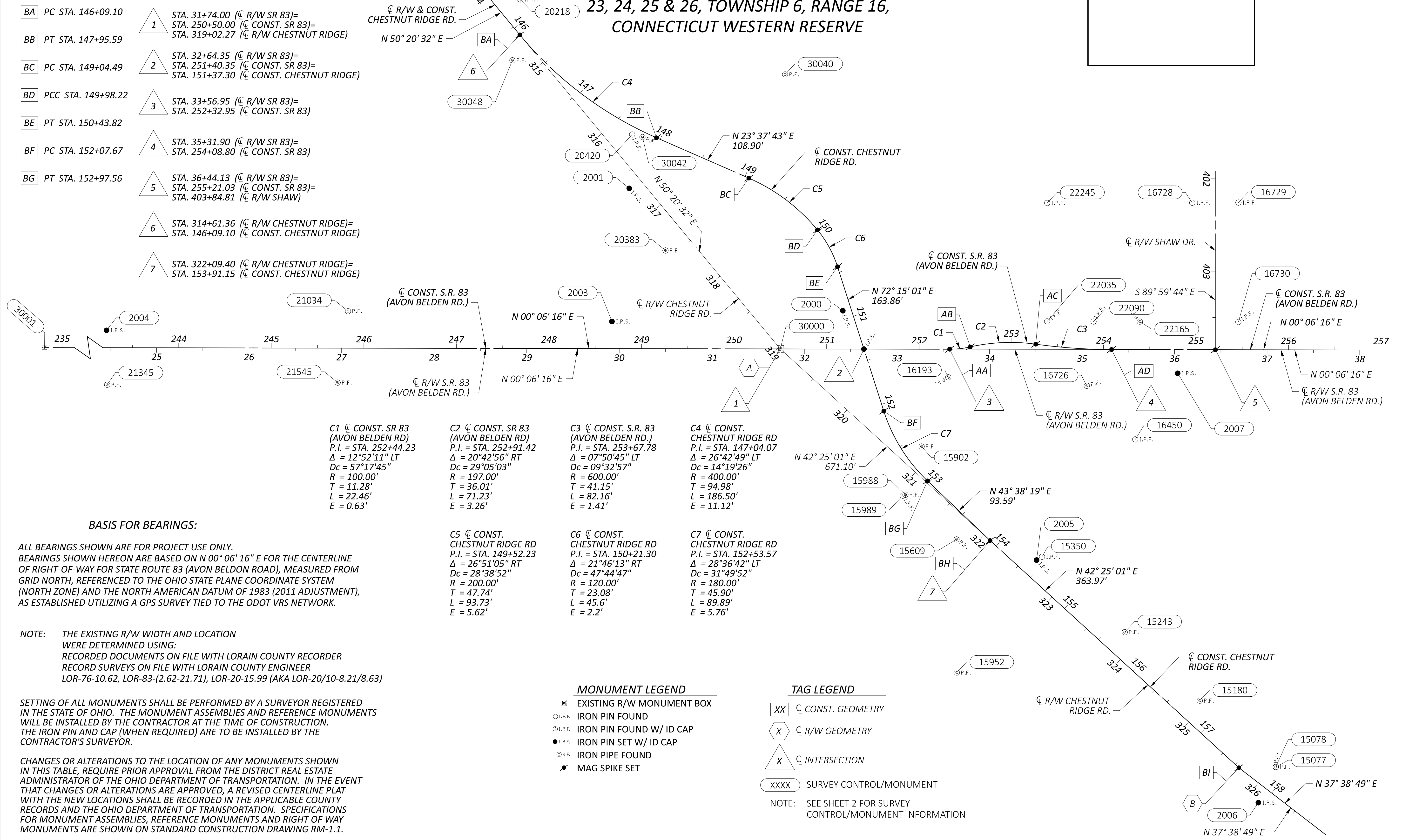
SURVEYORS SEAL

RECEIVED _____, 20 ____

RECORDED _____, 20 ____

BOOK _____ PAGE _____

COUNTY RECORDER



- C1 C CONST. SR 83 (AVON BELDEN RD)
P.I. = STA. 252+44.23
Δ = 12°52'11" LT
Dc = 57°17'45"
R = 100.00'
T = 11.28'
L = 22.46'
E = 0.63'
- C2 C CONST. SR 83 (AVON BELDEN RD)
P.I. = STA. 252+91.42
Δ = 20°42'56" RT
Dc = 29°05'03"
R = 197.00'
T = 36.01'
L = 71.23'
E = 3.26'
- C3 C CONST. S.R. 83 (AVON BELDEN RD.)
P.I. = STA. 253+67.78
Δ = 07°50'45" LT
Dc = 09°32'57"
R = 600.00'
T = 41.15'
L = 82.16'
E = 1.41'
- C4 C CONST. CHESTNUT RIDGE RD
P.I. = STA. 147+04.07
Δ = 26°42'49" LT
Dc = 14°19'26"
R = 400.00'
T = 94.98'
L = 186.50'
E = 11.12'
- C5 C CONST. CHESTNUT RIDGE RD
P.I. = STA. 149+52.23
Δ = 26°51'05" RT
Dc = 28°38'52"
R = 200.00'
T = 47.74'
L = 93.73'
E = 5.62'
- C6 C CONST. CHESTNUT RIDGE RD
P.I. = STA. 150+21.30
Δ = 21°46'13" RT
Dc = 47°44'47"
R = 120.00'
T = 23.08'
L = 45.6'
E = 2.2'
- C7 C CONST. CHESTNUT RIDGE RD
P.I. = STA. 152+53.57
Δ = 28°36'42" LT
Dc = 31°49'52"
R = 180.00'
T = 45.90'
L = 89.89'
E = 5.76'

BASIS FOR BEARINGS:

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY.
BEARINGS SHOWN HEREON ARE BASED ON N 00° 06' 16" E FOR THE CENTERLINE OF RIGHT-OF-WAY FOR STATE ROUTE 83 (AVON BELDON ROAD), MEASURED FROM GRID NORTH, REFERENCED TO THE OHIO STATE PLANE COORDINATE SYSTEM (NORTH ZONE) AND THE NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT), AS ESTABLISHED UTILIZING A GPS SURVEY TIED TO THE ODOT VRS NETWORK.

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING:
RECORDED DOCUMENTS ON FILE WITH LORAIN COUNTY RECORDER
RECORD SURVEYS ON FILE WITH LORAIN COUNTY ENGINEER
LOR-76-10.62, LOR-83-(2.62-21.71), LOR-20-15.99 (AKA LOR-20/10-8.21/8.63)

SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- I.P.F. IRON PIN FOUND
- I.P.F. IRON PIN FOUND W/ ID CAP
- I.P.S. IRON PIN SET W/ ID CAP
- R.F. IRON PIPE FOUND
- ★ MAG SPIKE SET

TAG LEGEND

- XX C CONST. GEOMETRY
- X C R/W GEOMETRY
- X C INTERSECTION
- XXXX SURVEY CONTROL/MONUMENT

NOTE: SEE SHEET 2 FOR SURVEY CONTROL/MONUMENT INFORMATION

DESIGN AGENCY	
DESIGNER	JBY/MWM
REVIEWER	BPB
PROJECT ID	01/31/22
SUBSET	TOTAL
2	17
SHEET	TOTAL
37	52

LOR-83-11.19

RECEIVED _____, 20 ____
 RECORDED _____, 20 ____
 BOOK _____ PAGE _____
 COUNTY RECORDER

EXISTING ALIGNMENT MONUMENTS						
POINT	NORTHING	EASTING	STATION	OFFSET	ALIGNMENT	DESCRIPTION
30000	618113.176	2100539.62	31+74.00	0.00'	CL R/W SR 83	3/4" IRON PIN W/ ALUM. CAP IN MONUMENT BOX
			319+02.27	0.00'	CL R/W CHESTNUT RIDGE RD	
30001	616544.257	2100536.763	16+05.08	0.00'	CL R/W SR 83	1" IRON ROD IN MONUMENT BOX; POT

PROPOSED ALIGNMENT MONUMENTS						
POINT #	NORTHING	EASTING	STATION	OFFSET	ALIGNMENT	DESCRIPTION
2	618203.522	2100539.785	251+40.35	0.00'	CL CONST. SR 83	5/8" IRON PIN SET W/ CAP; INT. CL CONST. SR 83 AND CL CONST. CHESTNUT RIDGE RD
			151+37.30	0.00'	CL CONST. CHESTNUT RIDGE RD	
AA, 3	618296.123	2100539.953	252+32.95	0.00'	CL CONST. SR 83	MAG SPIKE SET; PC
AB	618318.401	2100537.482	252+55.41	0.00'	CL CONST. SR 83	MAG SPIKE SET; PRC
AC	618389.178	2100534.506	253+26.64	0.00'	CL CONST. SR 83	MAG SPIKE SET; PRC
AD, 4	618471.073	2100540.272	254+08.80	0.00'	CL CONST. SR 83	MAG SPIKE SET; PT
			255+21.03	0.00'	CL CONST. SR 83	MAG SPIKE SET; INT. CL CONST. SR 83 AND CL R/W SHAW DR
			403+84.81	0.00'	CL R/W SHAW DR	
BA, 6	617831.790	2100200.181	146+09.10	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PC
BB	617979.416	2100311.366	147+95.59	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PT
BC	618079.185	2100355.013	149+04.49	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PC
BD	618153.304	2100410.976	149+98.22	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PCC
BE	618175.024	2100450.755	150+43.82	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PT
BF	618224.977	2100606.811	152+07.67	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PC
BG	618272.189	2100682.203	152+97.56	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PT
BH, 7	618339.920	2100746.789	153+91.15	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PI
BI, B	618608.619	2100992.292	157+55.11	0.00'	CL CONST. CHESTNUT RIDGE RD	MAG SPIKE SET; PI

EXISTING SURVEY CONTROL & MONUMENTS						
POINT #	NORTHING	EASTING	STATION	OFFSET	ALIGNMENT	DESCRIPTION
15077	618648.571	2100991.552	326+04.55	24.99' LT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
15078	618648.504	2100991.471	326+04.45	25.01' LT	CL R/W CHESTNUT RIDGE RD	2" IRON PIPE FOUND
15180	618566.413	2100919.820	324+93.33	25.03' LT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
15243	618485.282	2100845.810	323+83.51	24.95' LT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
15350	618395.984	2100764.239	322+62.56	24.93' LT	CL R/W CHESTNUT RIDGE RD	1" IRON PIN FOUND
15609	618303.589	2100745.480	321+81.70	23.54' RT	CL R/W CHESTNUT RIDGE RD	1/2" IRON PIN FOUND
15902	618265.859	2100645.045	320+86.10	25.16' LT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
15952	618303.883	2100889.471	322+79.04	129.64' RT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
15988	618248.398	2100697.257	321+08.43	25.17' RT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
15989	618245.506	2100698.208	321+06.93	27.82' RT	CL R/W CHESTNUT RIDGE RD	1/2" IRON PIN FOUND
16193	618294.704	2100570.521	33+55.58	30.57' RT	CL R/W SR 83	3/4" IRON PIPE FOUND
16450	618496.688	2100637.395	35+57.69	97.08' RT	CL R/W SR 83	5/8" IRON PIN FOUND
16726	618444.349	2100579.463	35+05.24	39.24' RT	CL R/W SR 83	3/4" IRON PIPE FOUND
16728	618558.269	2100381.571	402+25.91	25.04' RT	CL R/W SHAW DR	1/2" IRON PIN FOUND
16729	618608.144	2100381.440	402+25.77	24.83' RT	CL R/W SHAW DR	1/2" IRON PIN FOUND
16730	618608.115	2100510.498	36+68.88	30.02' LT	CL R/W SR 83	1/2" IRON PIN FOUND
20118	617772.840	2100090.360	313+39.19	24.70' LT	CL R/W CHESTNUT RIDGE RD	1/2" IRON PIN FOUND
20218	617832.232	2100161.879	314+32.16	24.78' LT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIN W/ CAP FOUND
20383	617989.130	2100433.238	317+41.20	27.61' RT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
20420	617953.122	2100307.860	316+21.70	24.69' LT	CL R/W CHESTNUT RIDGE RD	1/2" IRON PIN FOUND
21034	617646.110	2100498.839	27+06.86	39.93' LT	CL R/W SR 83	3/4" IRON PIPE FOUND
21345	617385.878	2100578.338	24+46.77	40.04' RT	CL R/W SR 83	3/4" IRON PIPE FOUND
21545	617634.930	2100576.029	26+95.82	37.28' RT	CL R/W SR 83	3/4" IRON PIPE FOUND
22035	618401.520	2100509.848	34+62.29	30.30' LT	CL R/W SR 83	1/2" IRON PIN FOUND
22090	618451.597	2100510.088	35+12.37	30.15' LT	CL R/W SR 83	1/2" IRON PIN FOUND
22165	618501.587	2100510.132	35+62.36	30.20' LT	CL R/W SR 83	2" IRON PIPE FOUND
22245	618401.560	2100381.852	34+62.10	158.29' LT	CL R/W SR 83	1/2" IRON PIN FOUND
30040	618118.338	2100242.912	316+77.14	193.33' LT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
30042	617964.257	2100310.633	316+30.94	31.49' LT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND
30048	617823.738	2100227.642	314+77.37	23.72' RT	CL R/W CHESTNUT RIDGE RD	3/4" IRON PIPE FOUND

SURVEY CONTROL POINTS SET						
POINT #	NORTHING	EASTING	STATION	OFFSET	ALIGNMENT	DESCRIPTION
2000	618180.711	2100498.350	32+41.46	41.39' LT	CL R/W SR 83	5/8" IRON PIN W/ CAP SET
2001	617949.959	2100366.065	316+64.49	14.89' RT	CL R/W CHESTNUT RIDGE RD	5/8" IRON PIN W/ CAP SET
2003	617931.276	2100509.964	29+92.05	29.32' LT	CL R/W SR 83	5/8" IRON PIN W/ CAP SET
2004	617385.183	2100519.516	24+45.97	18.78' LT	CL R/W SR 83	5/8" IRON PIN W/ CAP SET
2005	618390.120	2100767.842	322+60.66	18.32' LT	CL R/W CHESTNUT RIDGE RD	5/8" IRON PIN W/ CAP SET
2006	618629.666	2101030.069	326+13.11	17.06' RT	CL R/W CHESTNUT RIDGE RD	5/8" IRON PIN W/ CAP SET
2007	618542.526	2100565.958	36+03.40	25.56' RT	CL R/W SR 83	5/8" IRON PIN W/ CAP SET

LOR-83-11.19

MODEL: Sheet PAPER: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:13 PM USER: jmcaig
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RIGHT-OF-WAY CENTERLINE PLAT - SHEET 2 OF 2

DESIGN AGENCY



DESIGNER

JBY/MWM

REVIEWER

BPB 01/31/22

PROJECT ID

114797

SUBSET TOTAL

3 17

SHEET TOTAL

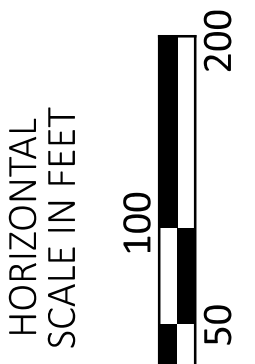
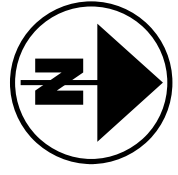
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LOR-83-11.19

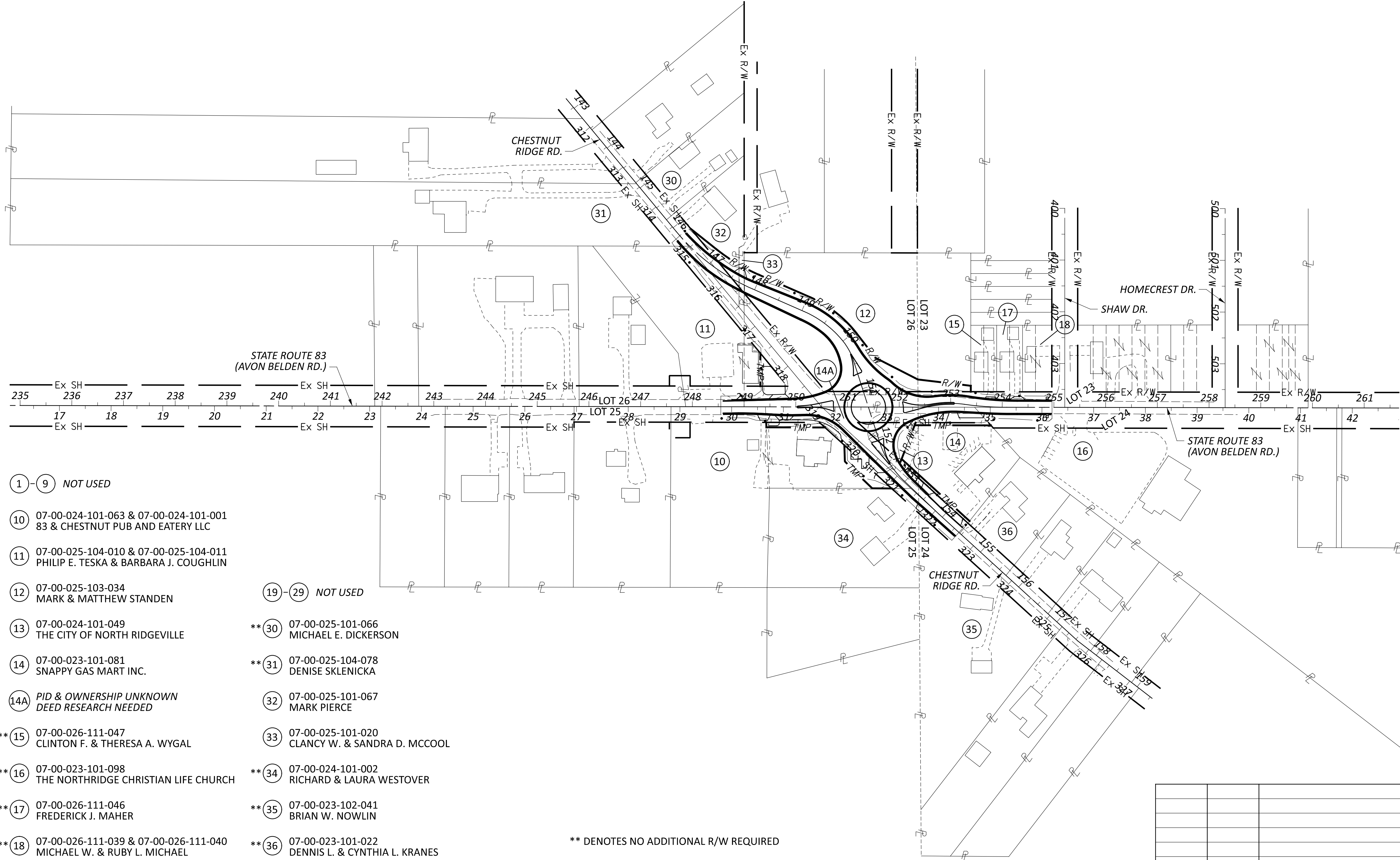
LORAIN COUNTY, OHIO,
 CITY OF NORTH RIDGEVILLE,
 ORIGINAL RIDGEVILLE TOWNSHIP LOT NOS.
 23, 24, 25 & 26, TOWNSHIP 6, RANGE 16,
 CONNECTICUT WESTERN RESERVE

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING



PROPERTY MAP



①-⑨ NOT USED

⑩ 07-00-024-101-063 & 07-00-024-101-001
 83 & CHESTNUT PUB AND EATERY LLC

⑪ 07-00-025-104-010 & 07-00-025-104-011
 PHILIP E. TESKA & BARBARA J. COUGHLIN

⑫ 07-00-025-103-034
 MARK & MATTHEW STANDEN

⑬ 07-00-024-101-049
 THE CITY OF NORTH RIDGEVILLE

⑭ 07-00-023-101-081
 SNAPPY GAS MART INC.

⑭A PID & OWNERSHIP UNKNOWN
 DEED RESEARCH NEEDED

** ⑮ 07-00-026-111-047
 CLINTON F. & THERESA A. WYGAL

** ⑯ 07-00-023-101-098
 THE NORTHRIDGE CHRISTIAN LIFE CHURCH

** ⑰ 07-00-026-111-046
 FREDERICK J. MAHER

** ⑱ 07-00-026-111-039 & 07-00-026-111-040
 MICHAEL W. & RUBY L. MICHAEL

⑰-⑲ NOT USED

** ⑳ 07-00-025-101-066
 MICHAEL E. DICKERSON

** ㉑ 07-00-025-104-078
 DENISE SKLENICKA

㉒ 07-00-025-101-067
 MARK PIERCE

㉓ 07-00-025-101-020
 CLANCY W. & SANDRA D. MCCOOL

** ㉔ 07-00-024-101-002
 RICHARD & LAURA WESTOVER

** ㉕ 07-00-023-102-041
 BRIAN W. NOWLIN

** ㉖ 07-00-023-101-022
 DENNIS L. & CYNTHIA L. KRANES

** DENOTES NO ADDITIONAL R/W REQUIRED

REV. BY	DATE	DESCRIPTION

DESIGN AGENCY	
DESIGNER	JBY/MWM
REVIEWER	BPB 01/31/22
PROJECT ID	114797
SUBSET	4
TOTAL	17
SHEET	39
TOTAL	52

TOTAL NUMBER OF :

8 OWNERSHIPS 1 TOTAL TAKE
 10 PARCELS 0 OWNERSHIPS W/ STRUCTURES INVOLVED

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

NET TAKE = GROSS TAKE - PRO IN TAKE

GRANTEE:

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF
 CITY OF NORTH RIDGEVILLE, A MUNICIPAL CORPORATION
 UNLESS OTHERWISE SHOWN.

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED INST. NO.
											LEFT	RIGHT			
1-9	NOT USED												80% STATE 20% LOCAL		
10-T1	83 & CHESTNUT PUB AND EATERY LLC		I.N. 2019-0713018	07-00-024-101-063 07-00-024-101-001	1.52 0.72	0.126 0.194	0.024	0.000	0.024					TO PERFORM GRADING & CONSTRUCT 2 DRIVES	
10-T2				07-00-024-101-063 07-00-024-101-001	1.52 0.72	0.126 0.194	0.054	0.000	0.054					TO PERFORM GRADING & CONSTRUCT A DRIVE +1 TREE, +STEEL SIGN POST*	
11-T	PHILIP E. TESKA AND BARBARA J. COUGHLIN		I.N. 2000-0719587	07-00-025-104-010 07-00-025-104-011	1.14 0.33	0.218 0.213	0.038	0.000	0.038					TO PERFORM GRADING, CONSTRUCT A DRIVE & CONSTRUCT A PARKING LOT	
12-WD	MARK STANDEN AND MATTHEW STANDEN		I.N. 2006-0142731	07-00-025-103-034	2.67	0.000	0.788	0.000	0.788					+13 TREES, +GRAVEL DRIVE	
13-WD	THE CITY OF NORTH RIDGEVILLE		UNKNOWN	07-00-024-101-049	0.097 (c)	0.000	0.097	0.000	0.097					TOTAL TAKE, +3 TREES	
14A-WD	UNKNOWN		UNKNOWN	N/A	0.375 (c)	0.375	0.375	0.375	0.000					MISSED SPLIT	
14-T1	SNAPPY GAS MART INC.		I.N. 2020-0786669	07-00-023-101-081	0.632 (c)	0.183	0.017	0.000	0.017					TO PERFORM GRADING & CONSTRUCT 2 DRIVES	
14-T2				07-00-023-101-081	0.632 (c)	0.183	0.020	0.000	0.020					TO PERFORM GRADING & CONSTRUCT A DRIVE	
15	CLINTON F. WYGAL AND THERESA A. WYGAL		VOL. 577 PG. 225	07-00-026-111-047	0.147 (c)	0.000								NO ADDITIONAL R/W REQUIRED	
16	THE NORTHRIDGE CHRISTIAN LIFE CHURCH		VOL. 1095 PG. 451	07-00-023-101-098	5.76	0.558								NO ADDITIONAL R/W REQUIRED	
17	FREDERICK J. MAHER		I.N. 2021-0834334	07-00-026-111-046	0.148 (c)	0.000								NO ADDITIONAL R/W REQUIRED	
18	MICHAEL W. MICHAEL AND RUBY L. MICHAEL		VOL. 1205 PG. 610	07-00-026-111-040 07-00-026-111-039	0.074 (c) 0.094 (c)	0.000 0.000								NO ADDITIONAL R/W REQUIRED	
19-29	NOT USED														
30	MICHAEL E. DICKERSON		VOL. 1460 PG. 999 I.N. 2001-0779183	07-00-025-101-066	0.5	0.053								NO ADDITIONAL R/W REQUIRED	
31	DENISE SKLENICKA		I.N. 2021-0812253	07-00-025-104-078	3.6	0.090								NO ADDITIONAL R/W REQUIRED	
32-WD	MARK PIERCE		I.N. 2019-0728787	07-00-025-101-067	0.5	0.117	0.042	0.000	0.042					+15 TREES, +GRASS PLANT*, +1 ROCK*, +1 WOOD POST*	
33-WD	CLANCY W. MCCOOL AND SANDRA D. MCCOOL		I.N. 2021-0828644	07-00-025-101-020	0.03	0.009	0.011	0.000	0.011						
34	RICHARD WESTOVER AND LAURA WESTOVER		VOL. 220 PG. 746	07-00-024-101-002	1.28	0.026								NO ADDITIONAL R/W REQUIRED	
35	BRIAN W. NOWLIN		I.N. 2009-0301395	07-00-023-102-041	1.92	0.209								NO ADDITIONAL R/W REQUIRED	
36	DENNIS L. KRANES AND CYNTHIA L. KRANES		VOL. 1375 PG. 898	07-00-023-101-022	0.53	0.069								NO ADDITIONAL R/W REQUIRED	

SUMMARY OF ADITIONAL RIGHT-OF-WAY

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

NOTE: ALL TEMPORARY PARCELS TO BE OF 12 MONTH DURATION.

TYPES OF TITLE LEGEND:
 WD = WARRANTY DEED
 T = TEMPORARY EASEMENT

+ DENOTES REMOVAL ITEMS
 SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

* DENOTES RIGHT OF WAY ENCROACHMENT

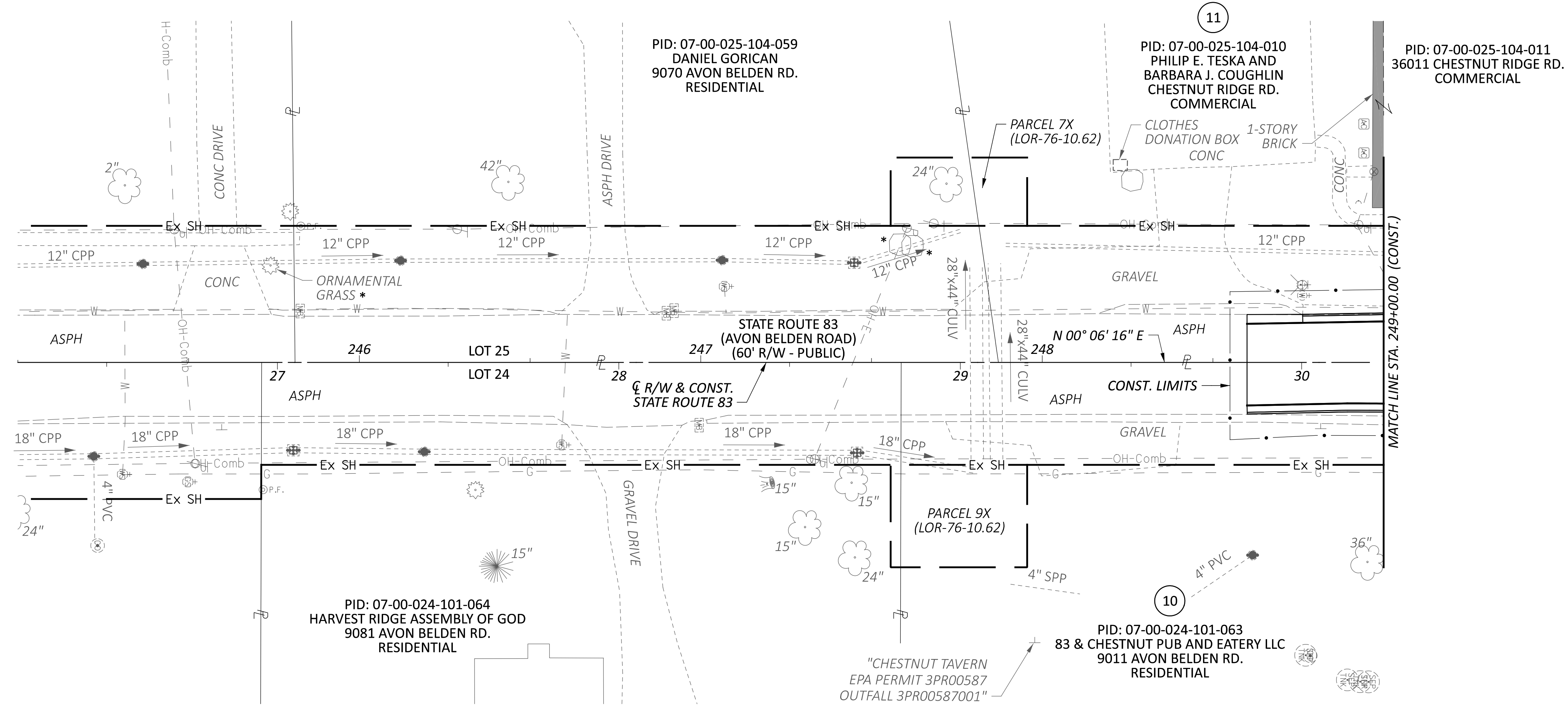
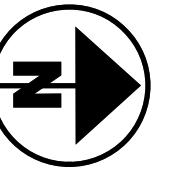
(c) = CALCULATED AREA

DESIGNER	JBY/MWM	
REVIEWER	BPB 01/31/22	
PROJECT ID	114797	
REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY	DATE:	
OWNERSHIP VERIFIED BY	DATE:	
DATE COMPLETED		
SUBSET	TOTAL	
5	17	
SHEET	TOTAL	
40	52	

LOR-83-11.19

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LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 24 & 25, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE



RIGHT-OF-WAY TOPO SHEET
STA. 245+00.00 TO STA. 249+00.00 (CONST.)

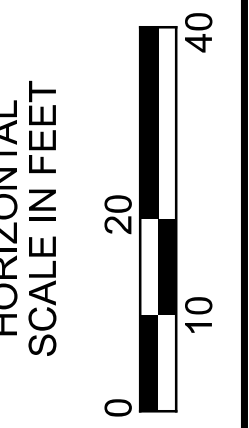
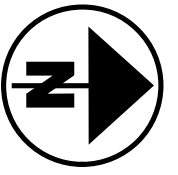
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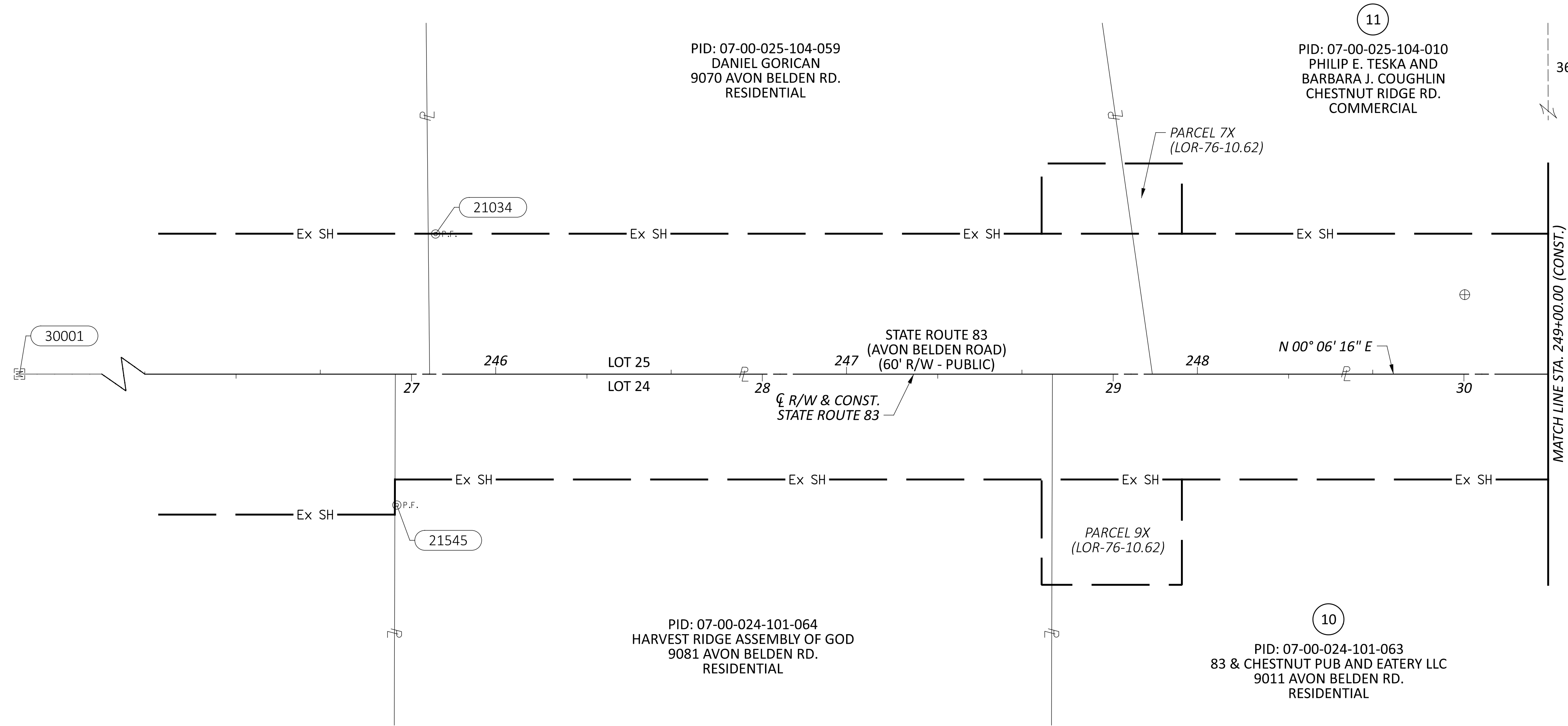
* DENOTES RIGHT OF WAY ENCROACHMENT

DESIGN AGENCY		
DESIGNER	JBY/MWM	
REVIEWER	BPB 01/31/22	
PROJECT ID	114797	
SUBSET	TOTAL	
6	17	
SHEET	TOTAL	
41	52	
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

**LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 24 & 25, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE**



**RIGHT-OF-WAY BOUNDARY SHEET
STA. 245+00.00 TO STA. 249+00.00 (CONST.)**



LOR-83-11.19

MODEL: RB001-Sheet PAPER SIZE: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:18 PM USER: jmccalg
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REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY	
DESIGNER JBY/MWM	
REVIEWER BPB 01/31/22	
PROJECT ID 114797	
SUBSET 7	TOTAL 17
SHEET 42	TOTAL 52

LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 23, 24, 25 & 26, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

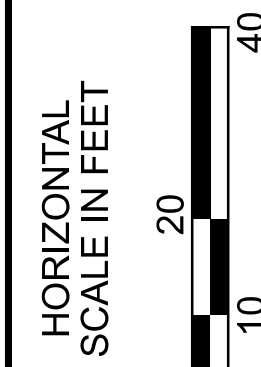
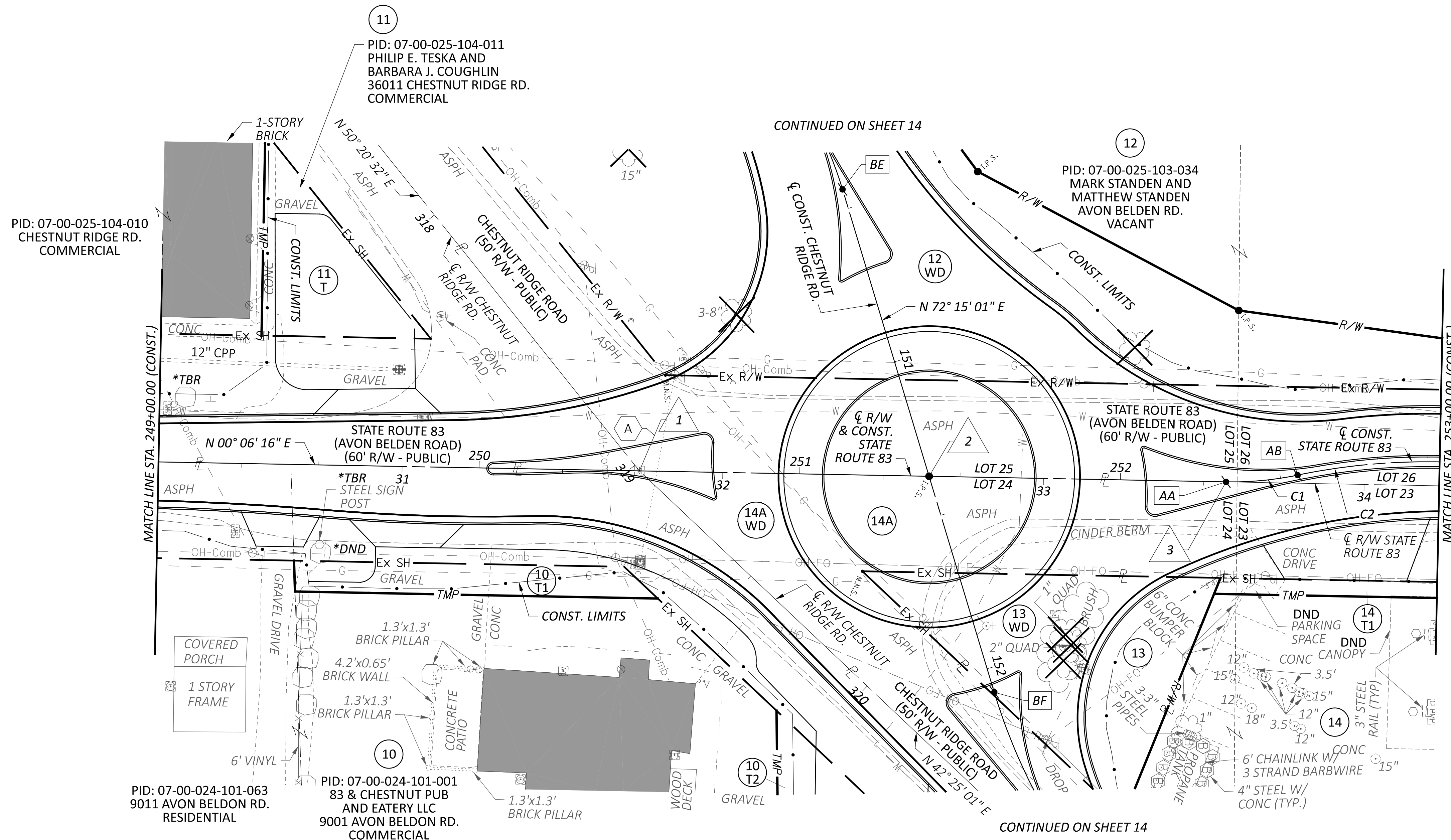
C1 ϕ CONST. SR 83
(AVON BELDEN RD)
P.I. = STA. 252+44.23
 $\Delta = 12^{\circ}52'11''$ LT
 $Dc = 57^{\circ}17'45''$
 $R = 100.00'$
 $T = 11.28'$
 $L = 22.46'$
 $E = 0.63'$

C2 ϕ CONST. SR 83
(AVON BELDEN RD)
P.I. = STA. 252+91.42
 $\Delta = 20^{\circ}42'56''$ RT
 $Dc = 29^{\circ}05'03''$
 $R = 197.00'$
 $T = 36.01'$
 $L = 71.23'$
 $E = 3.26'$

13
PID: 07-00-024-101-049
THE CITY OF NORTH RIDGEVILLE
CHESTNUT RIDGE RD.
VACANT

14
PID: 07-00-023-101-081
SNAPPY GAS MART INC.
8995 AVON BELDEN RD.
COMMERCIAL

14A
PID: N/A
UNKNOWN
BELIEVED TO BE UNDERLYING
OWNERSHIP. FURTHER
RESEARCH NEEDED



RIGHT-OF-WAY TOPO SHEET
STA. 249+00.00 TO STA. 253+00.00 (CONST.)

LOR-83-11.19

MODEL: RT002-Sheet- PAPER SIZE: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:19 PM USER: jmcocig
O:\2020\0479\c. Design\H4797_Chestnut-RAB\400-Engineering\RW_Sheets\H4797_RT002.dgn

- AA PC STA. 252+32.95 A PI STA. 319+02.27 1 STA. 31+74.00 (ϕ R/W SR 83)=
STA. 250+50.00 (ϕ CONST. SR 83)=
STA. 319+02.27 (ϕ R/W CHESTNUT RIDGE)
- AB PRC STA. 252+55.41 2 STA. 32+64.35 (ϕ R/W SR 83)=
STA. 251+40.35 (ϕ CONST. SR 83)=
STA. 151+37.30 (ϕ CONST. CHESTNUT RIDGE)
- BE PT STA. 150+43.82 3 STA. 33+56.95 (ϕ R/W SR 83)=
STA. 252+32.95 (ϕ CONST. SR 83)
- BF PC STA. 152+07.67

* DENOTES RIGHT OF WAY ENCROACHMENT

REV. BY	DATE	DESCRIPTION

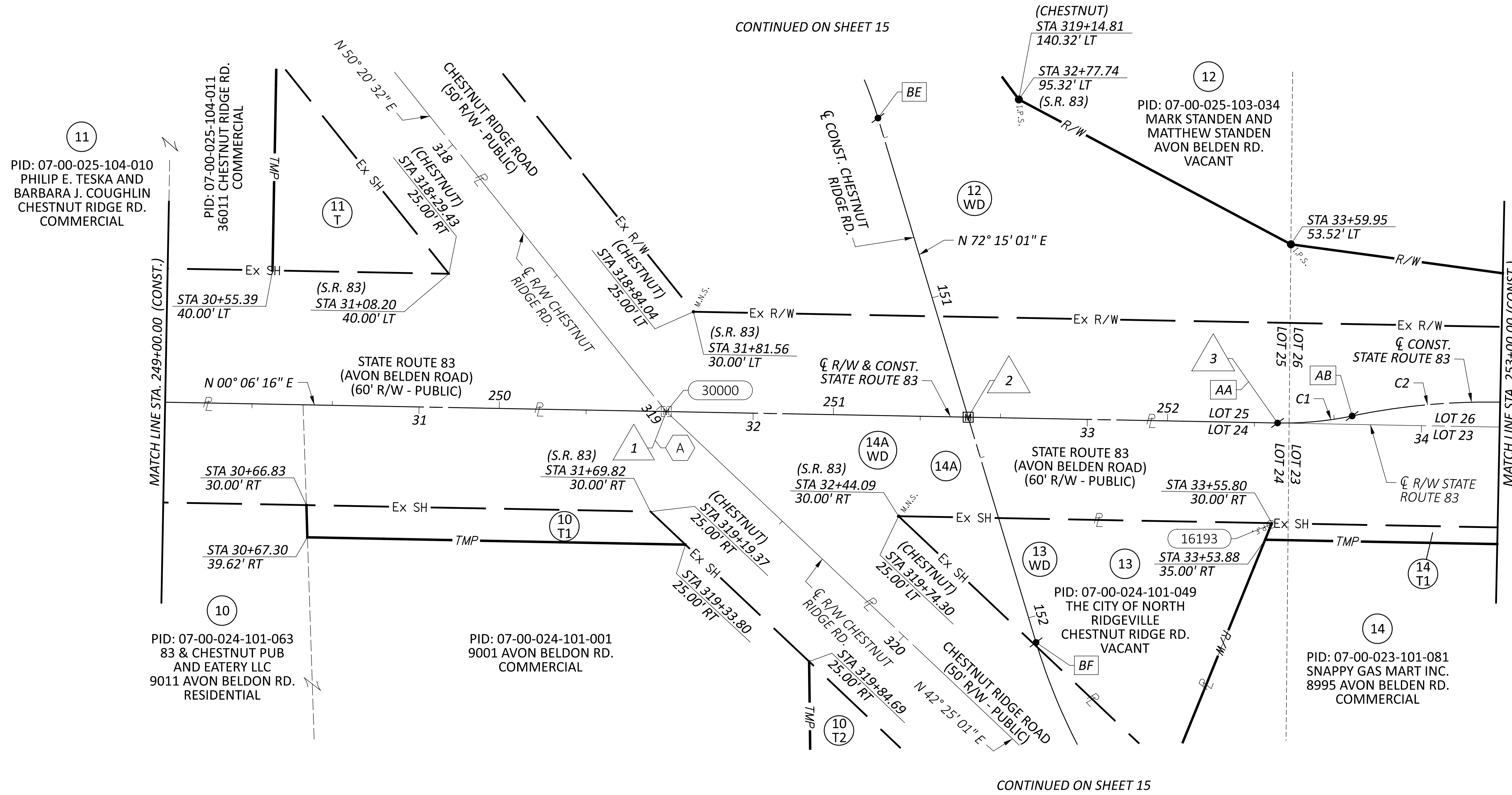
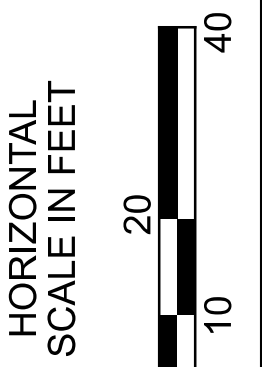
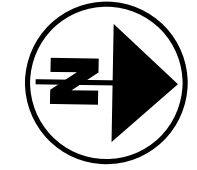
DESIGN AGENCY	
DESIGNER	
JBV/MWM	
REVIEWER	
BPB 01/31/22	
PROJECT ID	
114797	
SUBSET	TOTAL
8	17
SHEET	TOTAL
43	52

LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 23, 24, 25 & 26, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

C1 ϕ CONST. SR 83
(AVON BELDEN RD)
P.I. = STA. 252+44.23
 $\Delta = 12^{\circ}52'11''$ LT
Dc = 57'17'45"
R = 100.00'
T = 11.28'
L = 22.46'
E = 0.63'

C2 ϕ CONST. SR 83
(AVON BELDEN RD)
P.I. = STA. 252+91.42
 $\Delta = 20^{\circ}42'56''$ RT
Dc = 29'05'03"
R = 197.00'
T = 36.01'
L = 71.23'
E = 3.26'

14A
PID: N/A
UNKNOWN
BELIEVED TO BE UNDERLYING
OWNERSHIP. FURTHER
RESEARCH NEEDED



- AA PC STA. 252+32.95 A PI STA. 319+02.27 1 STA. 31+74.00 (ϕ R/W SR 83)=
STA. 250+50.00 (ϕ CONST. SR 83)=
STA. 319+02.27 (ϕ R/W CHESTNUT RIDGE)
- AB PRC STA. 252+55.41 2 STA. 32+64.35 (ϕ R/W SR 83)=
STA. 251+40.35 (ϕ CONST. SR 83)=
STA. 151+37.30 (ϕ CONST. CHESTNUT RIDGE)
- BE PT STA. 150+43.82 3 STA. 33+56.95 (ϕ R/W SR 83)=
STA. 252+32.95 (ϕ CONST. SR 83)
- BF PC STA. 152+07.67

REV. BY	DATE	DESCRIPTION

DESIGN AGENCY	
DESIGNER	JBY/MWM
REVIEWER	BPB 01/31/22
PROJECT ID	114797
SUBSET	9 TOTAL 17
SHEET	44 TOTAL 52
DATE COMPLETED	

LOR-83-11.19

MODEL: RB002-Sheet+ PAPER SIZE: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:20 PM USER: jmcocdg
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RIGHT-OF-WAY BOUNDARY SHEET
STA. 249+00.00 TO STA. 253+00.00 (CONST.)

CONTINUED ON SHEET 15

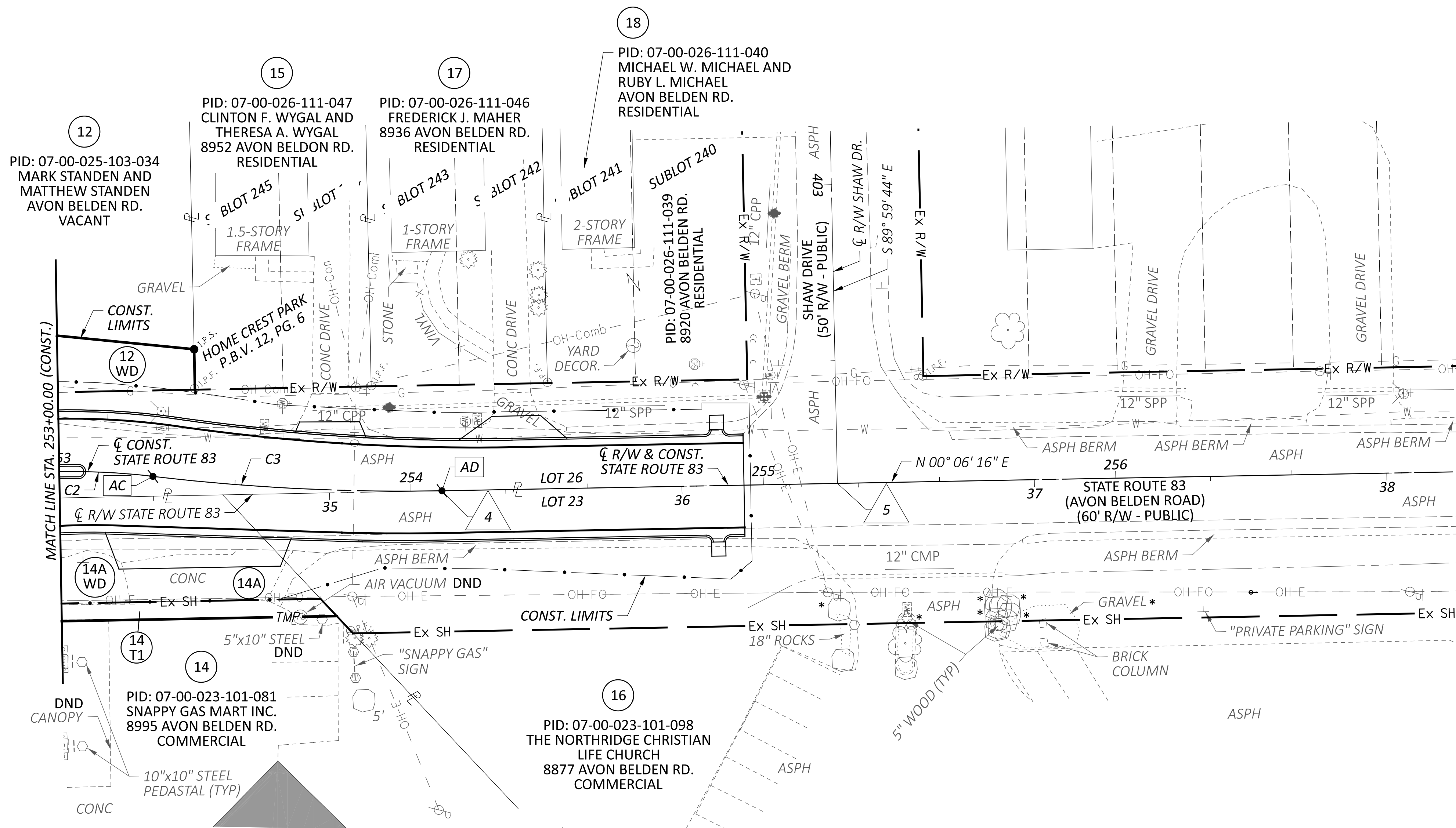
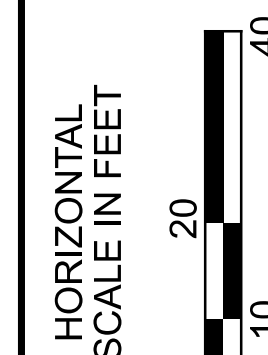
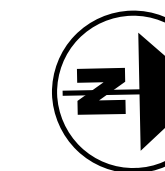
CONTINUED ON SHEET 15

C2 ϕ CONST. SR 83
(AVON BELDEN RD)
P.I. = STA. 252+91.42
 $\Delta = 20^\circ 42' 56''$ RT
 $D_c = 29^\circ 05' 03''$
R = 197.00'
T = 36.01'
L = 71.23'
E = 3.26'

C3 ϕ CONST. S.R. 83
(AVON BELDEN RD.)
P.I. = STA. 253+67.78
 $\Delta = 07^\circ 50' 45''$ LT
 $D_c = 09^\circ 32' 57''$
R = 600.00'
T = 41.15'
L = 82.16'
E = 1.41'

LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 23 & 26, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

14A
PID: N/A
UNKNOWN
BELIEVED TO BE UNDERLYING
OWNERSHIP. FURTHER
RESEARCH NEEDED



RIGHT-OF-WAY TOPO SHEET
STA. 253+00.00 TO STA. 257+00.00 (CONST.)

LOR-83-11.19

MODEL: RT003-Sheet+ PAPER SIZE: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:21 PM USER: jmccaig
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- AC PRC STA. 253+26.64
- AD PT STA. 254+08.80
- 4 STA. 35+31.90 (ϕ R/W SR 83)=
STA. 254+08.80 (ϕ CONST. SR 83)
- 5 STA. 36+44.13 (ϕ R/W SR 83)=
STA. 255+21.03 (ϕ CONST. SR 83)=
STA. 403+84.81 (ϕ R/W SHAW)

* DENOTES RIGHT OF WAY ENCROACHMENT

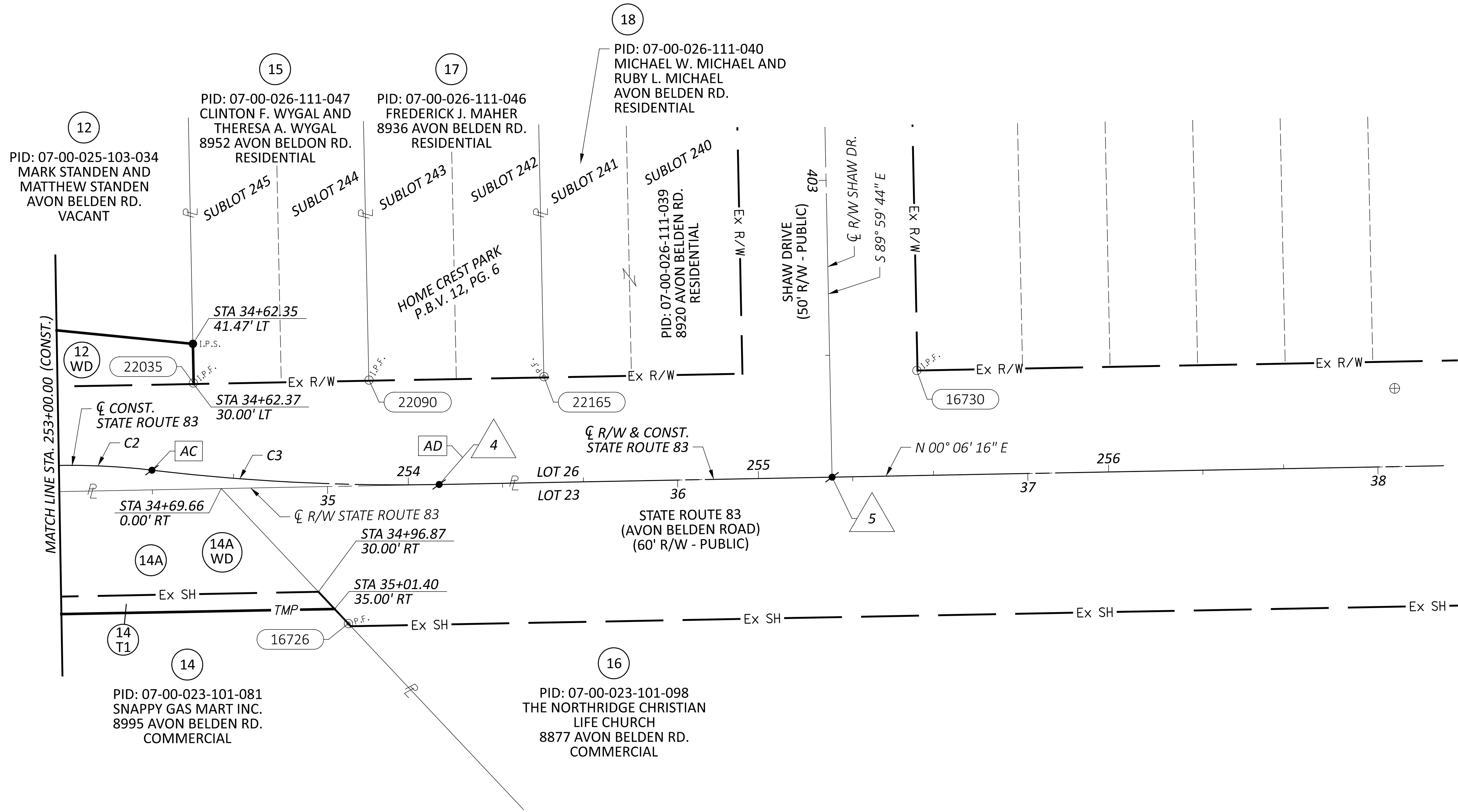
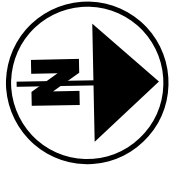
DESIGN AGENCY		
DESIGNER	JBY/MWM	
REVIEWER	BPB 01/31/22	
PROJECT ID	114797	
SUBSET	TOTAL	
10	17	
SHEET	TOTAL	
45	52	
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

C2 \bar{C} CONST. SR 83
(AVON BELDEN RD.)
P.I. = STA. 252+91.42
 Δ = 20°42'56" RT
Dc = 29°05'03"
R = 197.00'
T = 36.01'
L = 71.23'
E = 3.26'

C3 \bar{C} CONST. S.R. 83
(AVON BELDEN RD.)
P.I. = STA. 253+67.78
 Δ = 07°50'45" LT
Dc = 09°32'57"
R = 600.00'
T = 41.15'
L = 82.16'
E = 1.41'

LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 23 & 26, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

14A
PID: N/A
UNKNOWN
BELIEVED TO BE UNDERLYING
OWNERSHIP. FURTHER
RESEARCH NEEDED



RIGHT-OF-WAY BOUNDARY SHEET
STA. 253+00.00 TO STA. 257+00.00 (CONST.)

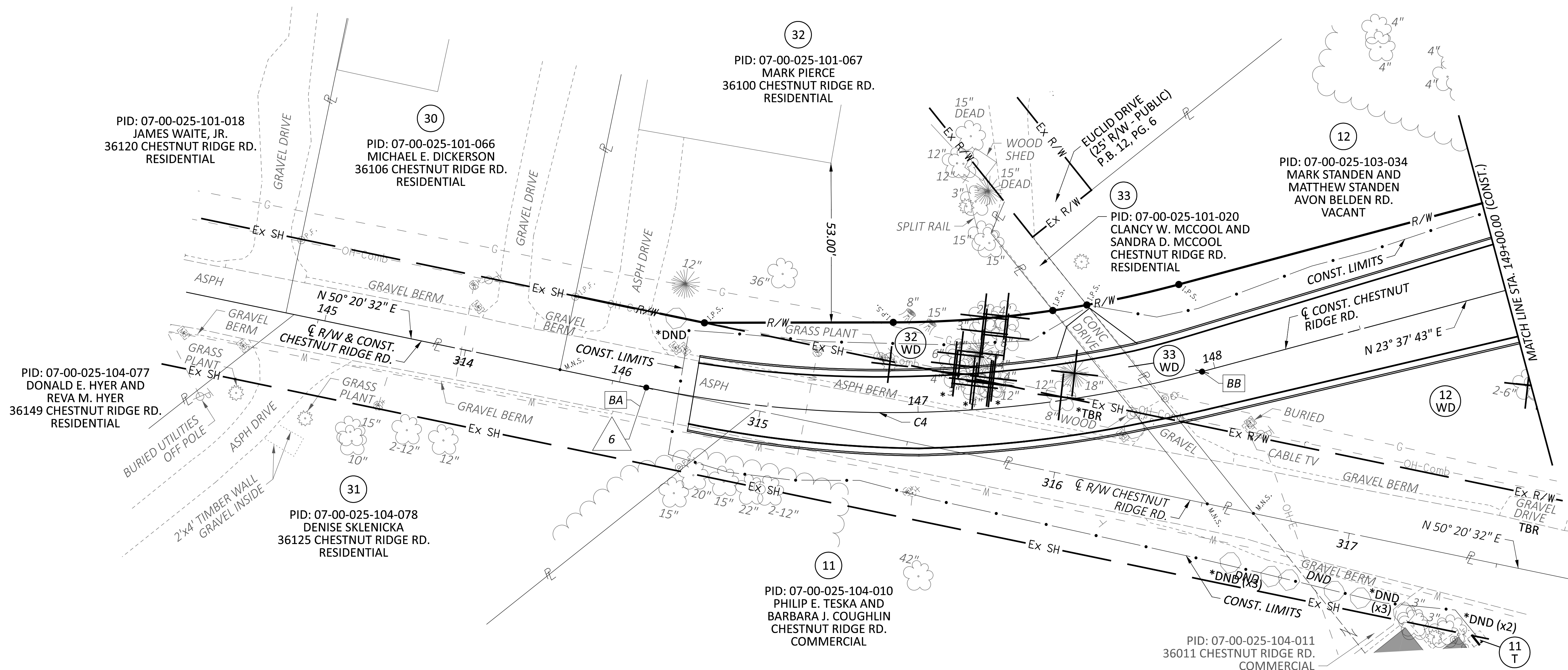
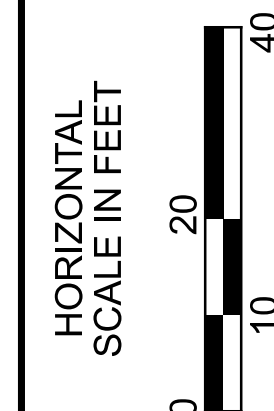
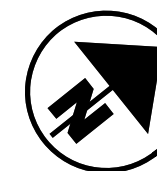
- AC PRC STA. 253+26.64
- AD PT STA. 254+08.80
- 4 STA. 35+31.90 (\bar{C} R/W SR 83)=
STA. 254+08.80 (\bar{C} CONST. SR 83)
- 5 STA. 36+44.13 (\bar{C} R/W SR 83)=
STA. 255+21.03 (\bar{C} CONST. SR 83)=
STA. 403+84.81 (\bar{C} R/W SHAW)

DESIGN AGENCY		
DESIGNER	JBY/MWM	
REVIEWER	BPB 01/31/22	
PROJECT ID	114797	
SUBSET	TOTAL	
11	17	
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		
SHEET	TOTAL	
46	52	

LOR-83-11.19

MODEL: RB003-Sheet+ PAPER: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:23 PM USER: jmcocalg
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LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NO. 25, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE



RIGHT-OF-WAY TOPO SHEET
STA. 144+50.00 TO STA. 149+00.00 (CONST.)

LOR-83-11.19

MODEL: RT004-Sheet+ PAPER: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:24 PM USER: jmcocq
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BA PC STA. 146+09.10
BB PT STA. 147+95.59

6 STA. 314+61.36 (C R/W CHESTNUT RIDGE)=
STA. 146+09.10 (C CONST. CHESTNUT RIDGE)

C4 C CONST.
CHESTNUT RIDGE RD
P.I. = STA. 147+04.07
Δ = 26°42'49" LT
Dc = 14°19'26"
R = 400.00'
T = 94.98'
L = 186.50'
E = 11.12'

* DENOTES RIGHT OF WAY ENCROACHMENT

REV. BY	DATE	DESCRIPTION

DESIGN AGENCY	
DESIGNER	
	JBY/MWM
REVIEWER	
	BPB 01/31/22
PROJECT ID	
	114797
SUBSET	TOTAL
12	17
SHEET	TOTAL
47	52

LORAIN COUNTY, OHIO,
 CITY OF NORTH RIDGEVILLE,
 ORIGINAL RIDGEVILLE TOWNSHIP LOT
 NOS. 23, 24, 25 & 26, TOWNSHIP 6, RANGE 16,
 CONNECTICUT WESTERN RESERVE

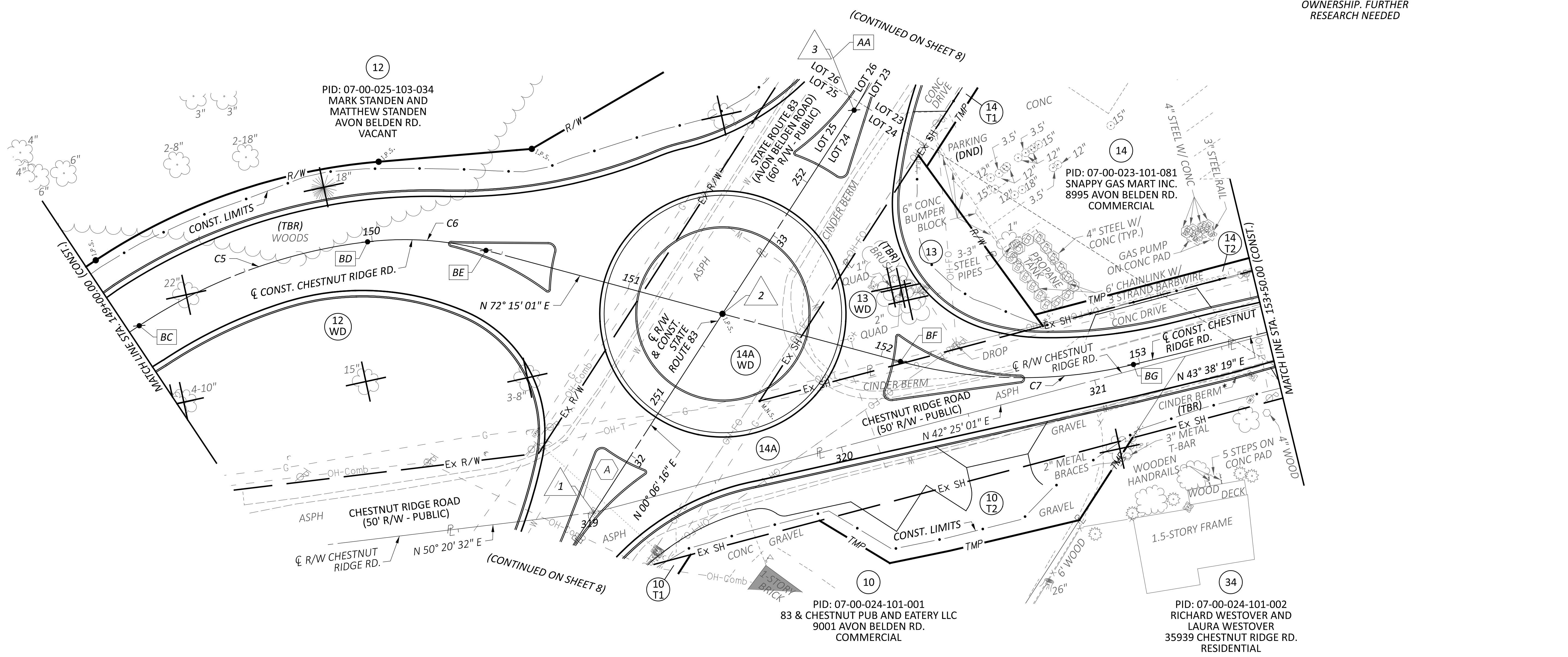
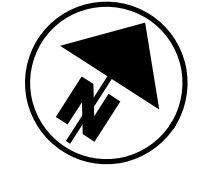
C5 $\text{\textcircled{C}}$ CONST. CHESTNUT RIDGE RD
 P.I. = STA. 149+52.23
 $\Delta = 26^{\circ}51'05''$ RT
 $Dc = 28^{\circ}38'52''$
 $R = 200.00'$
 $T = 47.74'$
 $L = 93.73'$
 $E = 5.62'$

C6 $\text{\textcircled{C}}$ CONST. CHESTNUT RIDGE RD
 P.I. = STA. 150+21.30
 $\Delta = 21^{\circ}46'13''$ RT
 $Dc = 47^{\circ}44'47''$
 $R = 120.00'$
 $T = 23.08'$
 $L = 45.6'$
 $E = 2.2'$

C7 $\text{\textcircled{C}}$ CONST. CHESTNUT RIDGE RD
 P.I. = STA. 152+53.57
 $\Delta = 28^{\circ}36'42''$ LT
 $Dc = 31^{\circ}49'52''$
 $R = 180.00'$
 $T = 45.90'$
 $L = 89.89'$
 $E = 5.76'$

13
 PID: 07-00-024-101-049
 THE CITY OF NORTH RIDGEVILLE
 CHESTNUT RIDGE RD.
 VACANT

14A
 PID: N/A
 UNKNOWN
 BELIEVED TO BE UNDERLYING
 OWNERSHIP. FURTHER
 RESEARCH NEEDED



RIGHT-OF-WAY TOPO SHEET
 STA. 149+00.00 TO STA. 153+50.00 (CONST.)

- | | | |
|------------------------------|-----------------------------|---|
| AA PC STA. 252+32.95 | BF PC STA. 152+07.67 | 1 STA. 31+74.00 ($\text{\textcircled{C}}$ R/W SR 83)=
STA. 250+50.00 ($\text{\textcircled{C}}$ CONST. SR 83)=
STA. 319+02.27 ($\text{\textcircled{C}}$ R/W CHESTNUT RIDGE) |
| BC PC STA. 149+04.49 | BG PT STA. 152+97.56 | 2 STA. 32+64.35 ($\text{\textcircled{C}}$ R/W SR 83)=
STA. 251+40.35 ($\text{\textcircled{C}}$ CONST. SR 83)=
STA. 151+37.30 ($\text{\textcircled{C}}$ CONST. CHESTNUT RIDGE) |
| BD PCC STA. 149+98.22 | A PI STA. 319+02.27 | 3 STA. 33+56.95 ($\text{\textcircled{C}}$ R/W SR 83)=
STA. 252+32.95 ($\text{\textcircled{C}}$ CONST. SR 83) |
| BE PT STA. 150+43.82 | | |

PID: 07-00-024-101-001
 83 & CHESTNUT PUB AND EATERY LLC
 9001 AVON BELDEN RD.
 COMMERCIAL

PID: 07-00-024-101-002
 RICHARD WESTOVER AND
 LAURA WESTOVER
 35939 CHESTNUT RIDGE RD.
 RESIDENTIAL

* DENOTES RIGHT OF WAY ENCROACHMENT

REV. BY	DATE	DESCRIPTION

SUBSET		TOTAL
14	17	
SHEET		TOTAL
49	52	

DESIGN AGENCY
 DESIGNER
JBY/MWM
 REVIEWER
BPB 01/31/22

LOR-83-11.19
 MODEL: RT005-Sheet+ PAPER: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:26 PM USER: jmcocq
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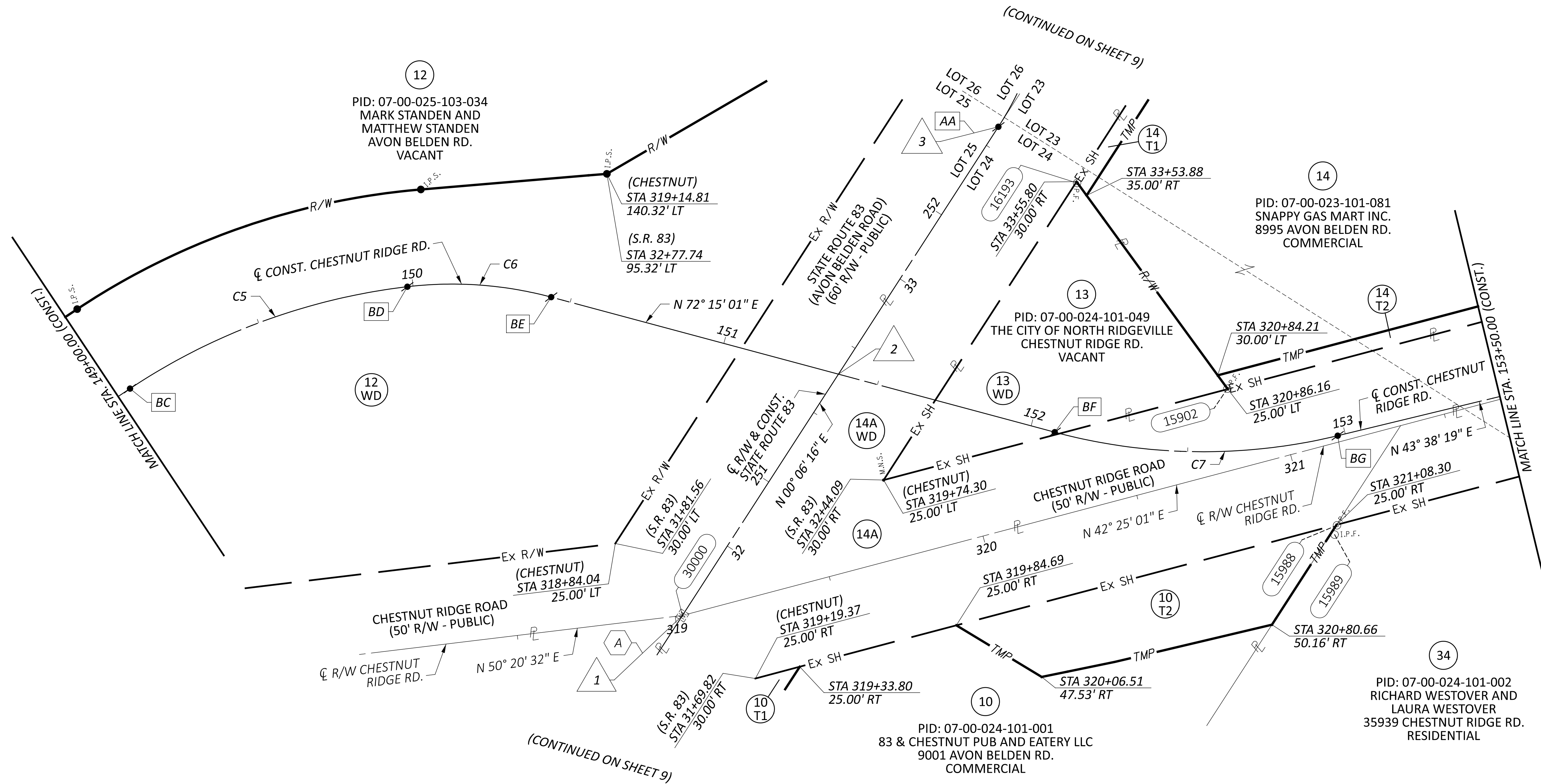
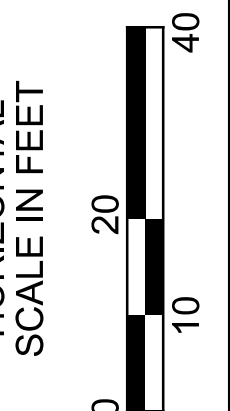
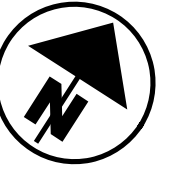
LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 23, 24, 25 & 26, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

C5 @ CONST.
CHESTNUT RIDGE RD
P.I. = STA. 149+52.23
 $\Delta = 26^\circ 51' 05''$ RT
Dc = 28°38'52"
R = 200.00'
T = 47.74'
L = 93.73'
E = 5.62'

C6 @ CONST.
CHESTNUT RIDGE RD
P.I. = STA. 150+21.30
 $\Delta = 21^\circ 46' 13''$ RT
Dc = 47°44'47"
R = 120.00'
T = 23.08'
L = 45.6'
E = 2.2'

C7 @ CONST.
CHESTNUT RIDGE RD
P.I. = STA. 152+53.57
 $\Delta = 28^\circ 36' 42''$ LT
Dc = 31°49'52"
R = 180.00'
T = 45.90'
L = 89.89'
E = 5.76'

14A
PID: N/A
UNKNOWN
BELIEVED TO BE UNDERLYING
OWNERSHIP. FURTHER
RESEARCH NEEDED



RIGHT-OF-WAY BOUNDARY SHEET
STA. 149+00.00 TO STA. 153+50.00 (CONST.)

LOR-83-11.19

MODEL: RB005-Sheet+ PAPER: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:27 PM USER: jmcocq
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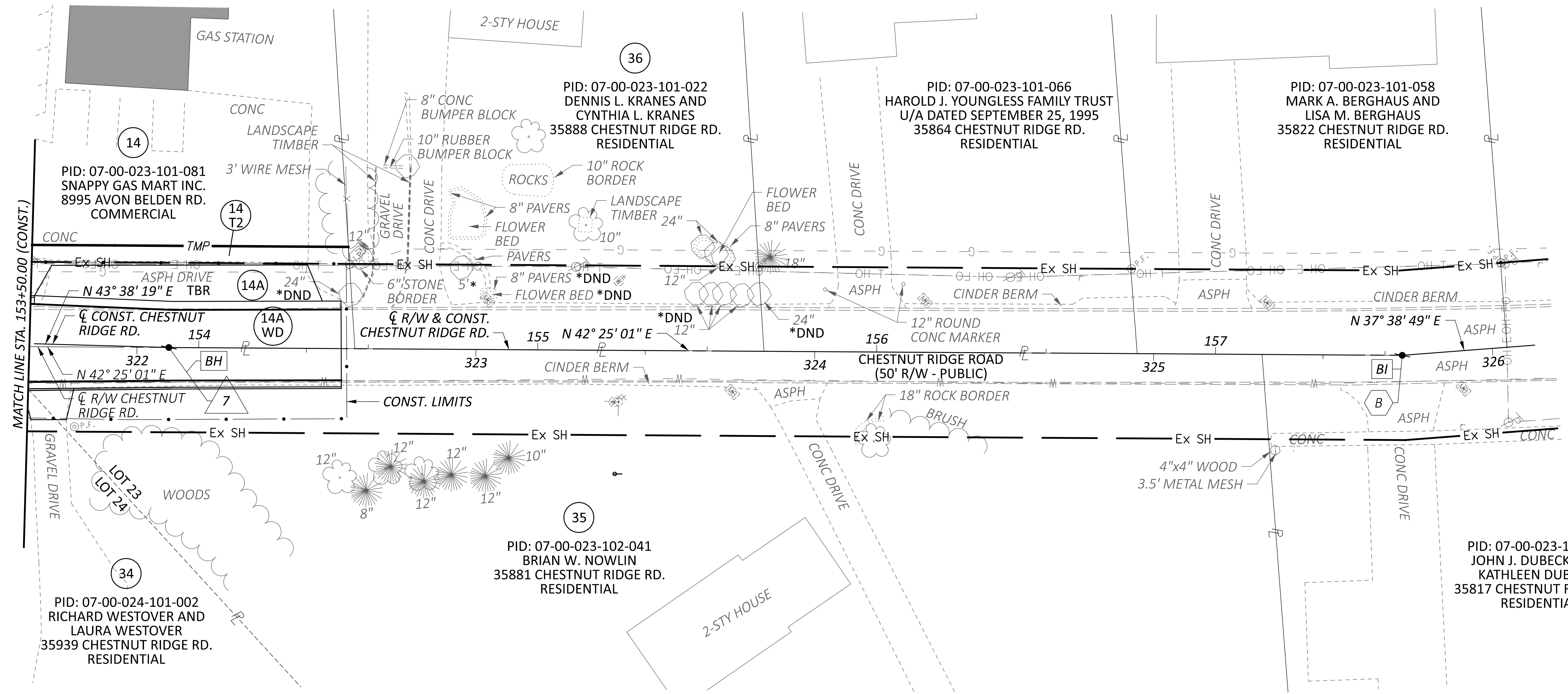
- AA PC STA. 252+32.95
- BC PC STA. 149+04.49
- BD PCC STA. 149+98.22
- BE PT STA. 150+43.82
- BF PC STA. 152+07.67
- BG PT STA. 152+97.56
- A PI STA. 319+02.27
- 1 STA. 31+74.00 (C R/W SR 83)=
STA. 250+50.00 (C CONST. SR 83)=
STA. 319+02.27 (C R/W CHESTNUT RIDGE)
- 2 STA. 32+64.35 (C R/W SR 83)=
STA. 251+40.35 (C CONST. SR 83)=
STA. 151+37.30 (C CONST. CHESTNUT RIDGE)
- 3 STA. 33+56.95 (C R/W SR 83)=
STA. 252+32.95 (C CONST. SR 83)

REV. BY	DATE	DESCRIPTION

DESIGN AGENCY	
DESIGNER	JBY/MWM
REVIEWER	BPB 01/31/22
PROJECT ID	114797
SUBSET	15
TOTAL	17
SHEET	50
TOTAL	52

LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE,
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 23 & 24, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

(14A)
PID: N/A
UNKNOWN
BELIEVED TO BE UNDERLYING
OWNERSHIP. FURTHER
RESEARCH NEEDED



RIGHT-OF-WAY TOPO SHEET
STA. 153+50.00 TO STA. 158+00.00 (CONST.)

LOR-83-11.19

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- BH PI STA. 153+91.15
- B PI STA. 325+73.37
- 7 STA. 322+09.40 (C R/W CHESTNUT RIDGE)=
STA. 153+91.15 (C CONST. CHESTNUT RIDGE)
- BI PI STA. 157+55.11

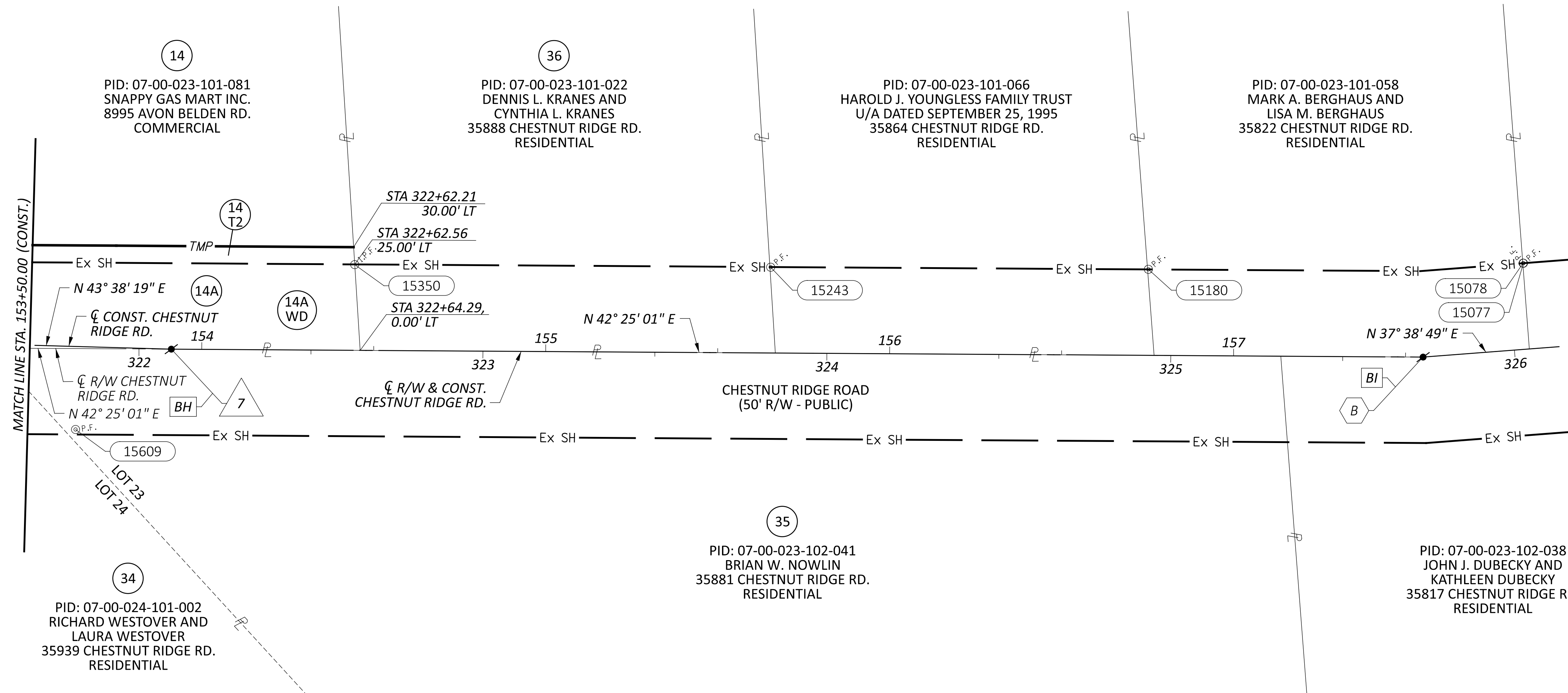
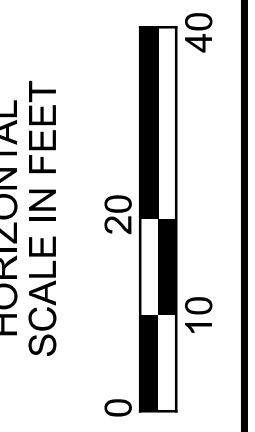
* DENOTES RIGHT OF WAY ENCROACHMENT

REV. BY	DATE	DESCRIPTION

DESIGN AGENCY	
DESIGNER	JBY/MWM
REVIEWER	BPB 01/31/22
PROJECT ID	114797
SUBSET	16
TOTAL	17
SHEET	51
TOTAL	52

LORAIN COUNTY, OHIO,
CITY OF NORTH RIDGEVILLE
ORIGINAL RIDGEVILLE TOWNSHIP LOT
NOS. 23 & 24, TOWNSHIP 6, RANGE 16,
CONNECTICUT WESTERN RESERVE

14A
PID: N/A
UNKNOWN
BELIEVED TO BE UNDERLYING
OWNERSHIP. FURTHER
RESEARCH NEEDED



RIGHT-OF-WAY BOUNDARY SHEET
STA. 153+50.00 TO STA. 158+00.00 (CONST.)

BH PI STA. 153+91.15 B PI STA. 325+73.37 7 STA. 322+09.40 (C R/W CHESTNUT RIDGE)=
STA. 153+91.15 (C CONST. CHESTNUT RIDGE)

BI PI STA. 157+55.11

DESIGN AGENCY		
DESIGNER	JBY/MWM	
REVIEWER	BPB 01/31/22	
PROJECT ID	114797	
SUBSET	17	
TOTAL	17	
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		
SHEET	52	TOTAL 52

LOR-83-11.19

MODEL: RB006-Sheet+ PAPER: 34x22 (in.) DATE: 2/1/2022 TIME: 5:07:30 PM USER: jmccol
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