
RECEIVED
OCT 4 2024
**ODOT DISTRICT 9
PLANNING & ENGINEERING**



PLAN AND PROFILE - S.R. 159
 STA. 690+00.00 TO STA. 695+00.00

***EXISTING LEVEE CLOSURE**
 EXERCISE CAUTION WHEN PERFORMING SIDEWALK REMOVAL AND REPLACEMENT OR ASPHALT PLANING AND RESURFACING TO ENSURE THAT EXISTING LEVEE CLOSURE IS NOT DAMAGED.

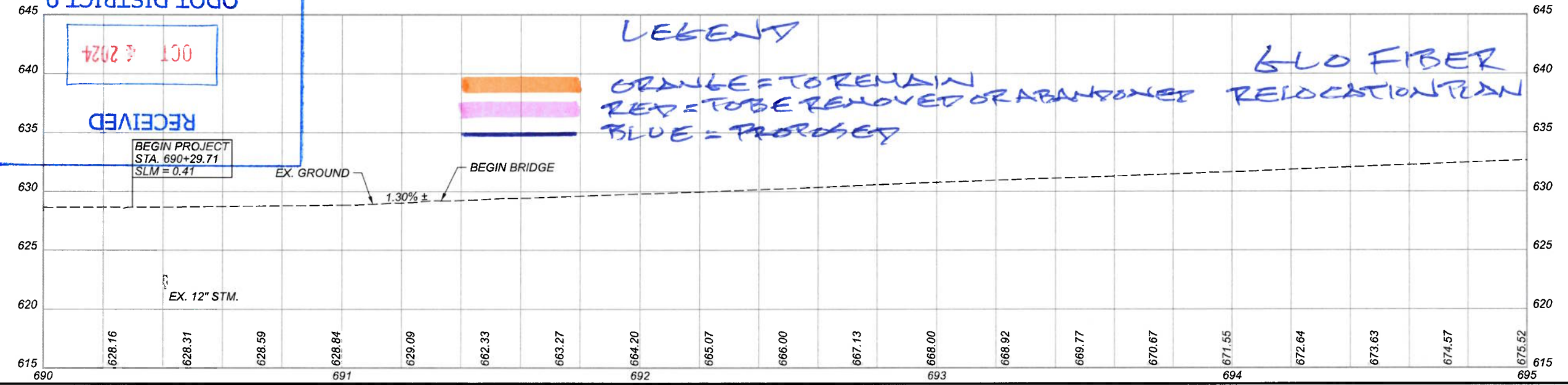
- A +30.00, 24.25' RT END TAPER
 B +29.71, 24.88' RT BEGIN TAPER
C +79.92, 26.02' RT END CURB TAPER
D +33.12, 24.16' RT END CURB & SUP (MATCH PROP. CURB & SUP ON BRIDGE)

- PROP. SHARED USE PATH ASPHALT
 PAVEMENT PLANING AND RESURFACING
 4" CONCRETE WALK

**ODOT DISTRICT 9
PLANNING & ENGINEERING**
OCT 4 2024
RECEIVED

LEGEND

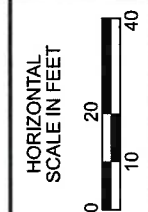
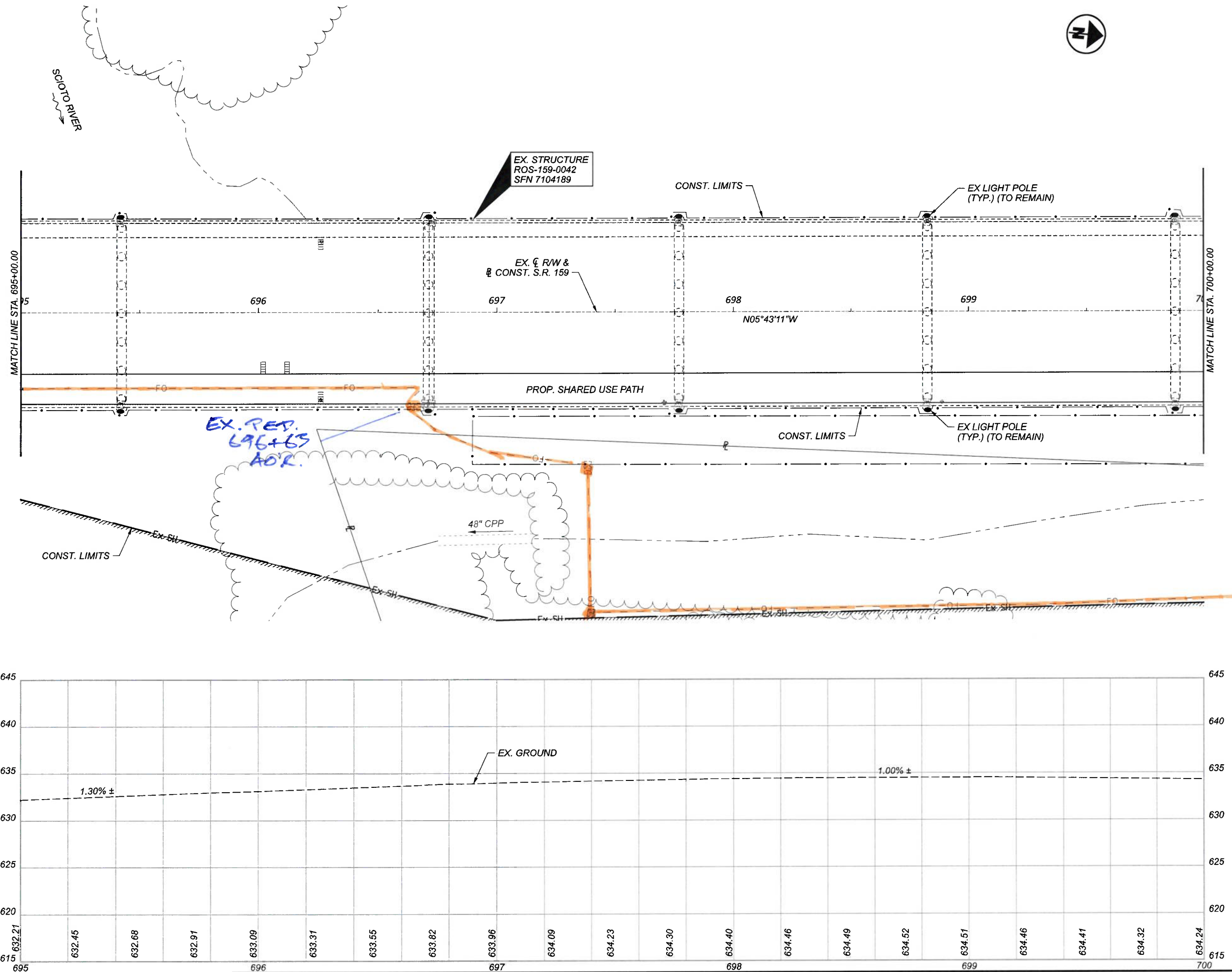
- ORANGE = TO REMAIN
- RED = TO BE REMOVED OR ABANDONED
- BLUE = PROPOSED



**6LO FIBER
RELOCATION TEAM**

DESIGN AGENCY	
B&N burgessniple.com	
DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET	TOTAL
153	578

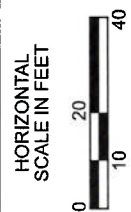
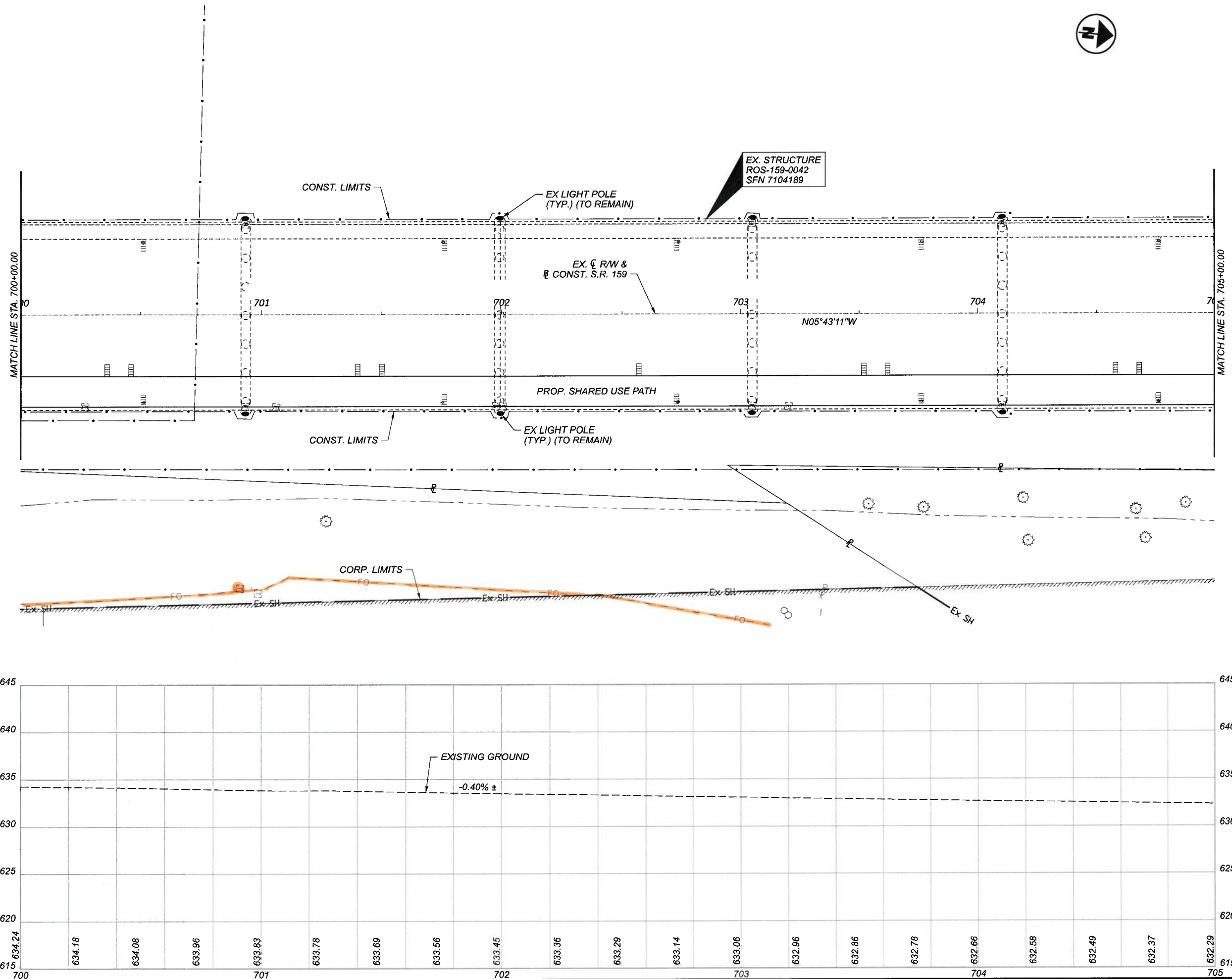
1 of 29



**PLAN AND PROFILE - S.R. 159
STA. 695+00.00 TO STA. 700+00.00**

DESIGN AGENCY	
B&N burgessniple.com	
DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET	TOTAL
154	578

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PLAN AND PROFILE - S.R. 159
STA. 700+00.00 TO STA. 705+00.00

DESIGN AGENCY



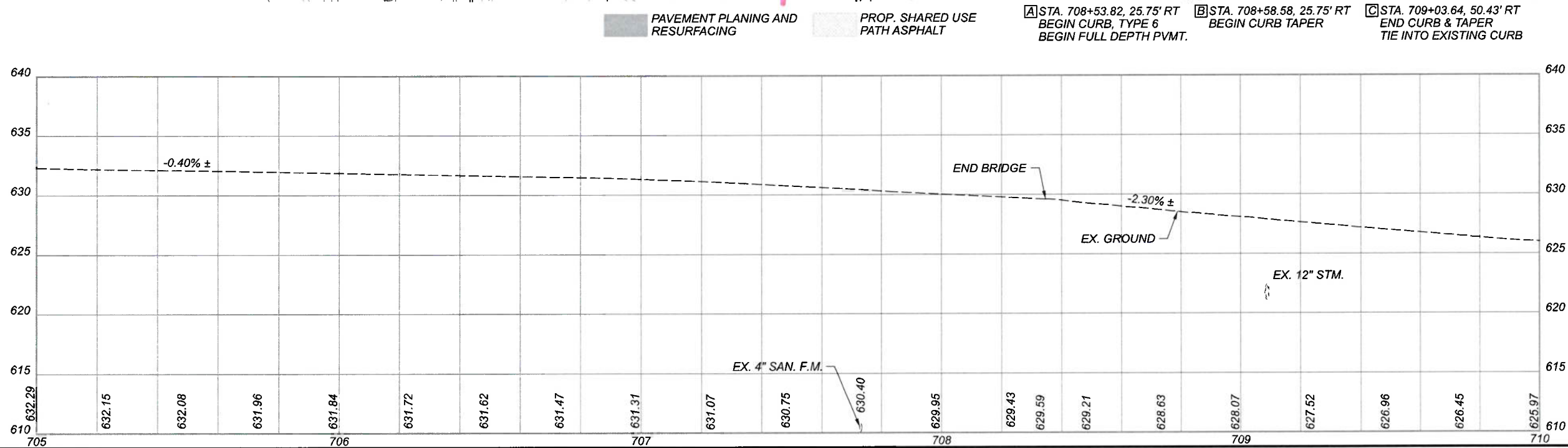
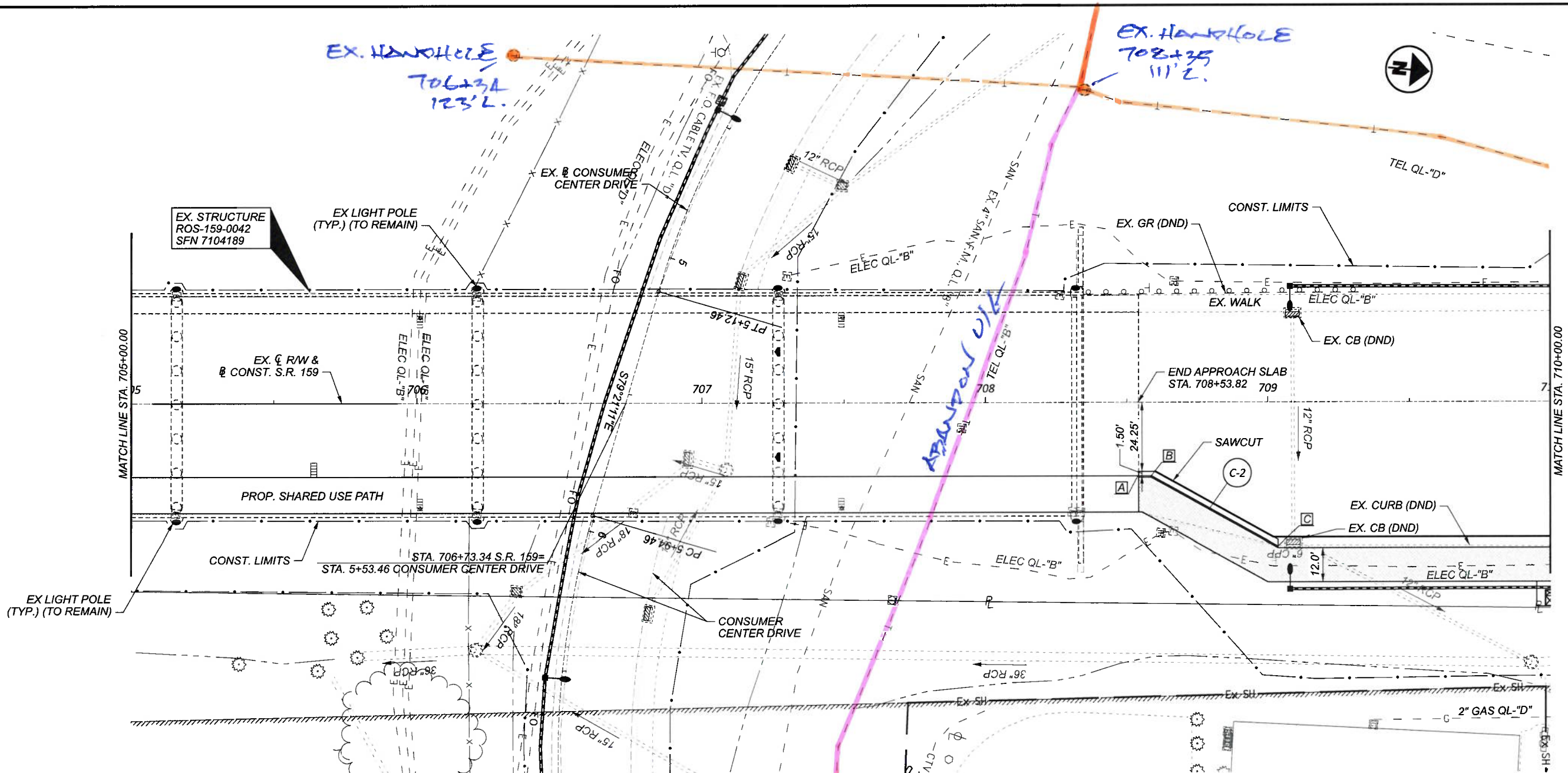
DESIGNER
DSS

REVIEWER
BDT 11/22/23

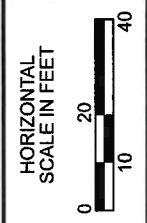
PROJECT ID
113013

SHEET TOTAL
155 578

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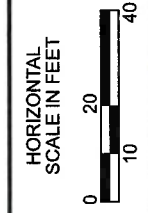
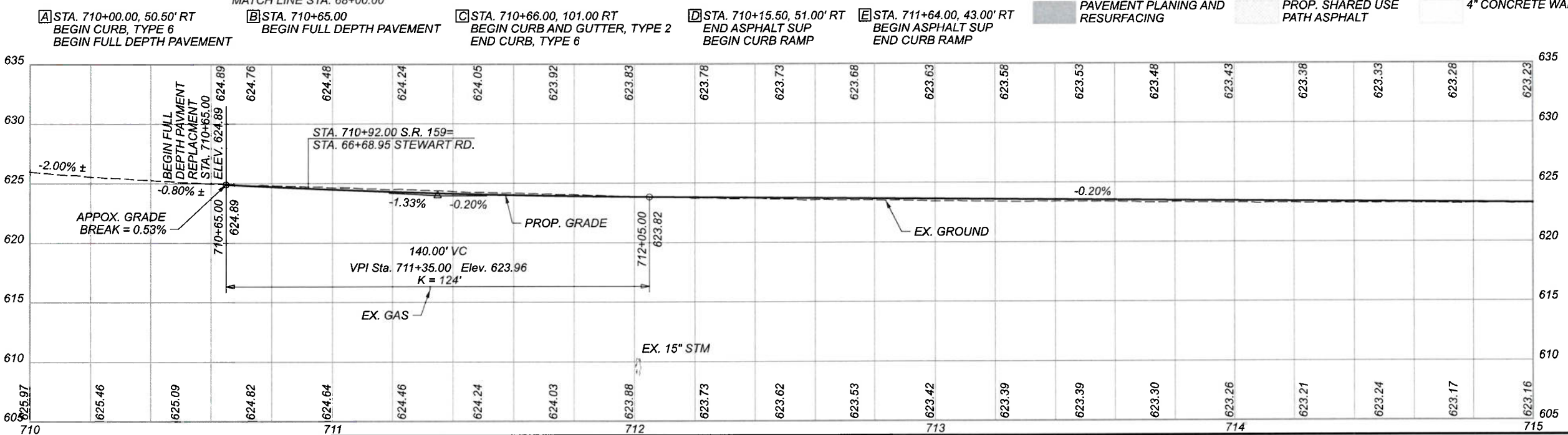
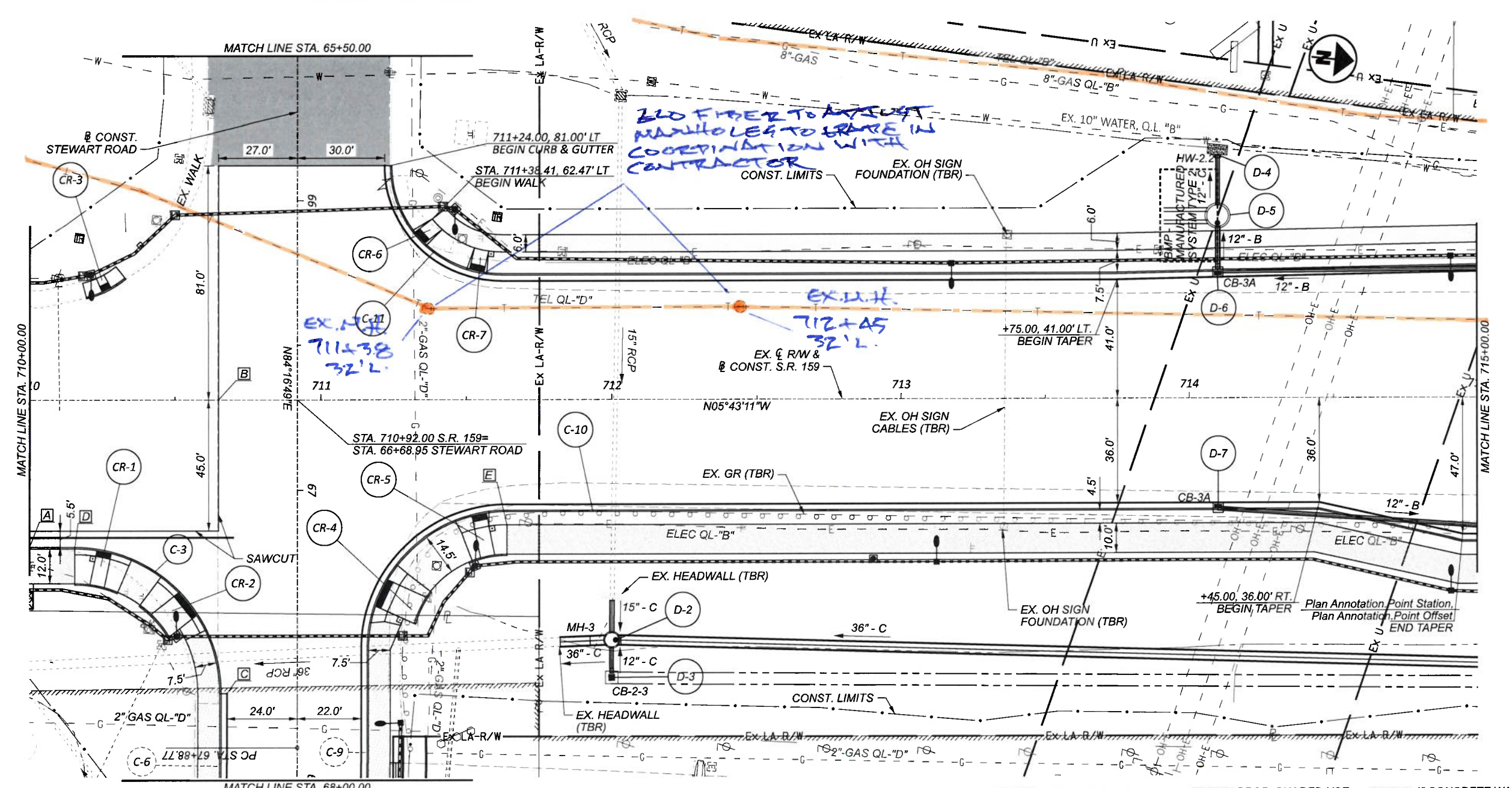
[A] STA. 708+53.82, 25.75' RT BEGIN CURB, TYPE 6 BEGIN FULL DEPTH PVMT.
 [B] STA. 708+58.58, 25.75' RT BEGIN CURB TAPER
 [C] STA. 709+03.64, 50.43' RT END CURB & TAPER TIE INTO EXISTING CURB



PLAN AND PROFILE - S.R. 159
STA. 705+00.00 TO STA. 710+00.00

DESIGN AGENCY	B&N burgessniple.com
DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET	156
TOTAL	578

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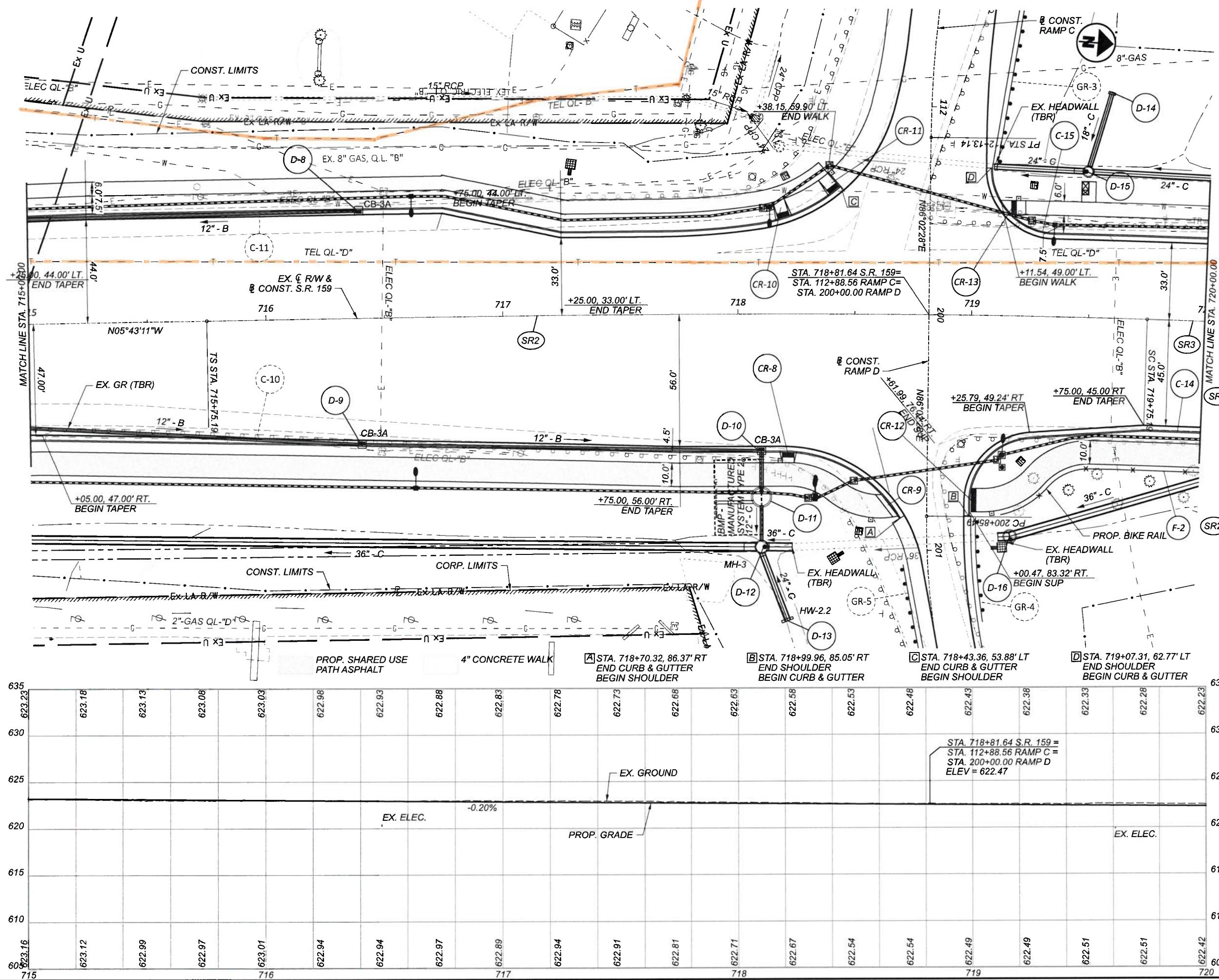


PLAN AND PROFILE - S.R. 159
 STA. 710+00.00 TO STA. 715+00.00

DESIGN AGENCY	B&N burgessniple.com
DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET TOTAL	157 578

50F29

CROSS REFERENCES	
PLAN SECTION	197-267
CROSS SECTIONS	283-297
INTERSECTION DETAILS	300-313
DRIVE DETAILS	



CURVE DATA - S.R. 159
 P.I. = Sta. 720+29.91
 $\Delta = 01^{\circ}38'30''$ RT
 $D_c = 01^{\circ}30'00''$
 $R = 3,819.70'$
 $T = 54.72'$
 $L = 109.44'$
 $E = .39'$
 $e_{max} = 0.028$
 $V = 40$ mph

CURVE DATA - S.R. 159
 P.I. = Sta. 718+41.89
 $L_s = 400.00'$
 $\theta_s = 03^{\circ}00'00''$
 $LT = 266.70'$
 $ST = 133.37'$
 $x = 399.89'$
 $y = 6.98'$
 $k = 199.98'$
 $p = 1.75'$
 $C = 399.95'$
 Start = Sta. 715+75.19
 End = Sta. 719+75.19
 C.B. = $N04^{\circ}43'11''W$

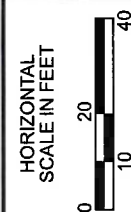
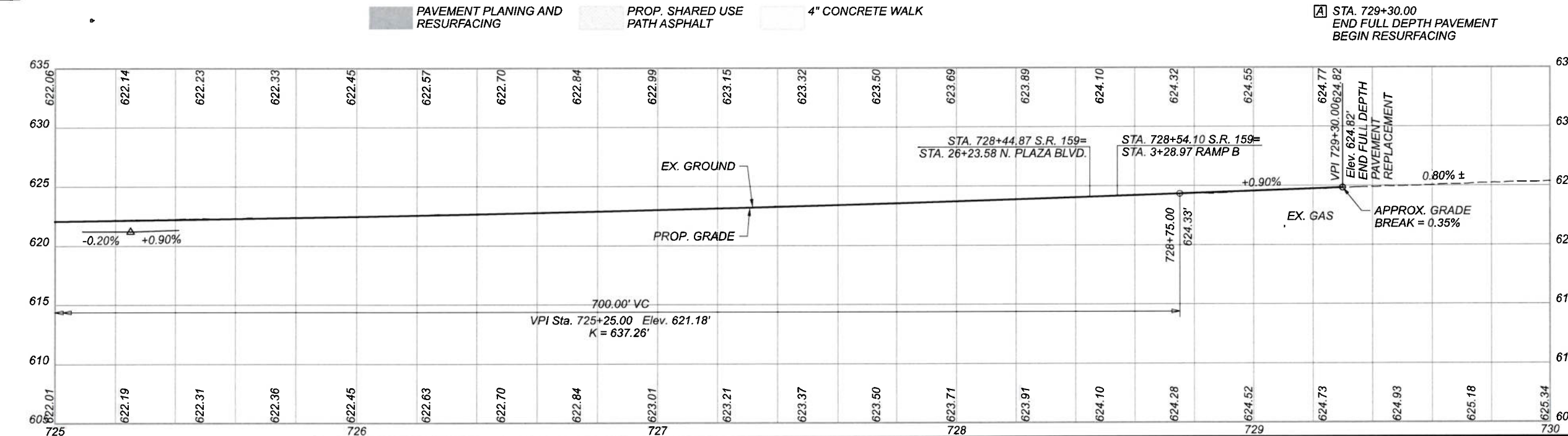
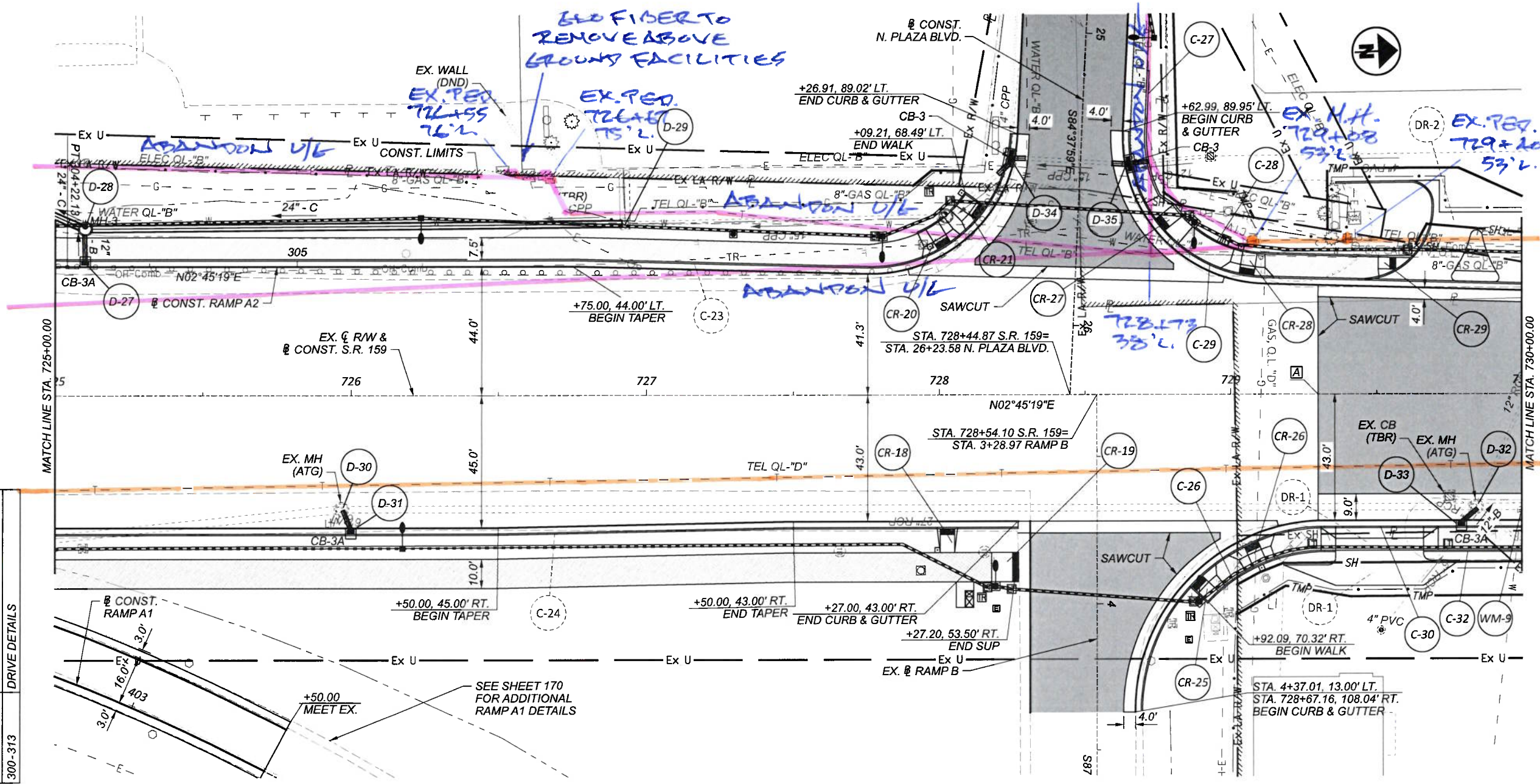


PLAN AND PROFILE - S.R. 159
 STA. 715+00.00 TO STA. 720+00.00

DESIGN AGENCY	B&N burgessniple.com
DESIGNER	DSS
REVIEWER	BOT 11/22/23
PROJECT ID	113013
SHEET	158
TOTAL	578

60+29

CROSS REFERENCES	
SHEET NO.	PLAN SECTION
191-267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS



PLAN AND PROFILE - S.R. 159
 STA. 725+00.00 TO STA. 730+00.00

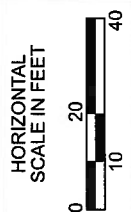
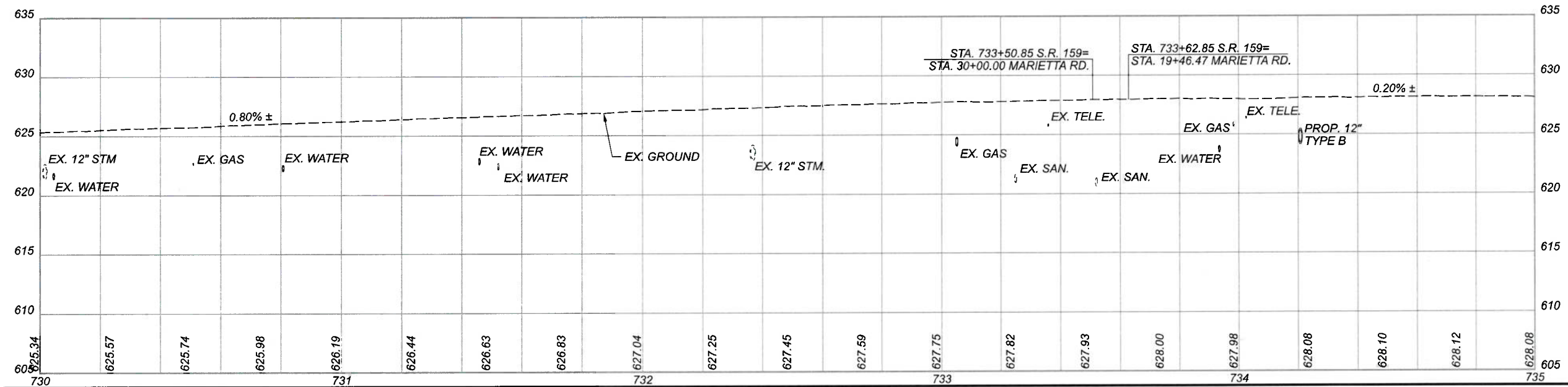
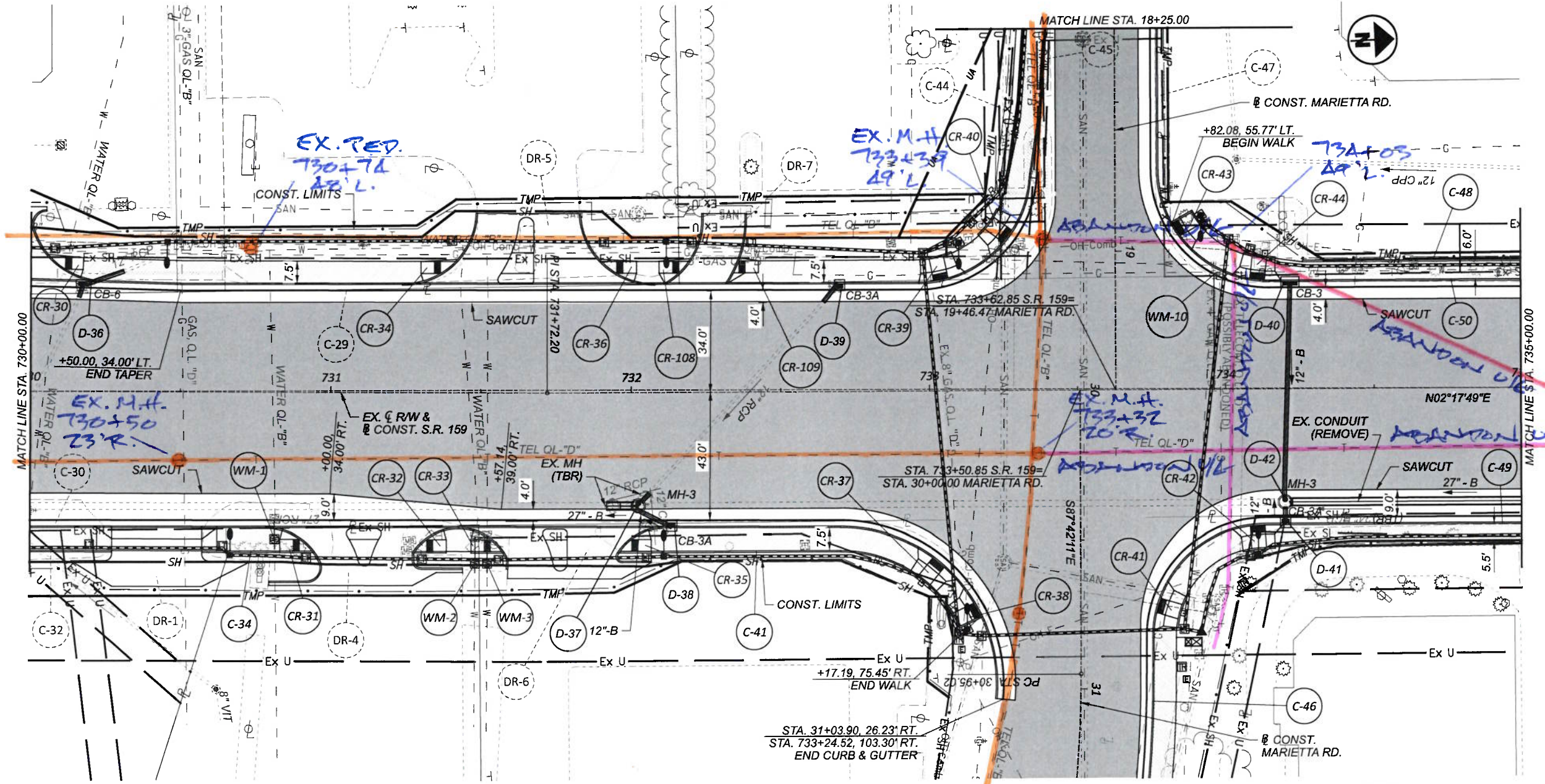
DESIGN AGENCY



DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET	TOTAL
160	578

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CROSS REFERENCES	
SHEET NO.	PLAN SECTION
191-267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS



PLAN AND PROFILE - S.R. 159
 STA. 730+00.00 TO STA. 735+00.00

DESIGN AGENCY



DESIGNER
DSS

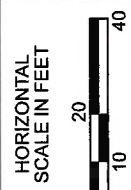
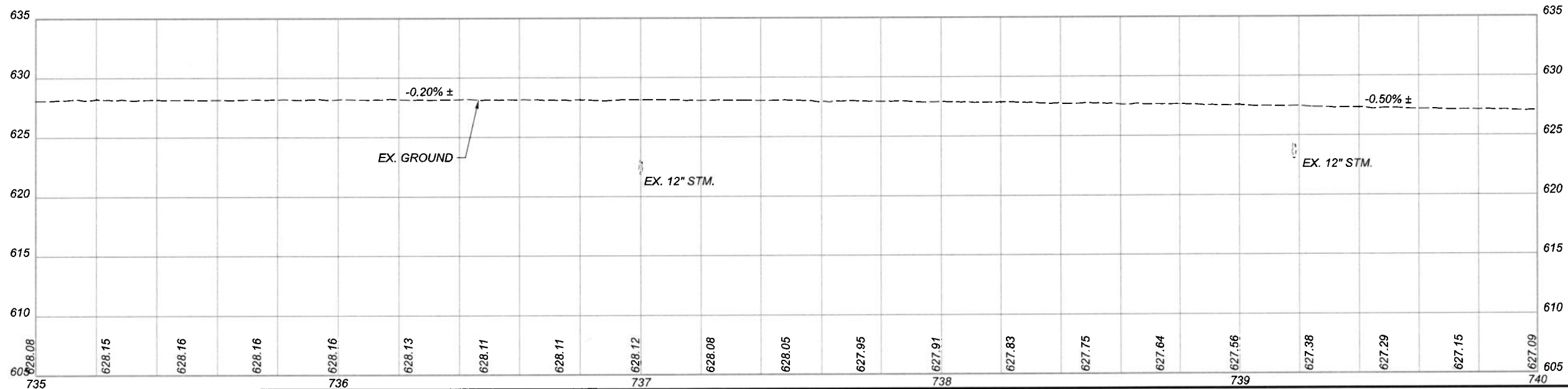
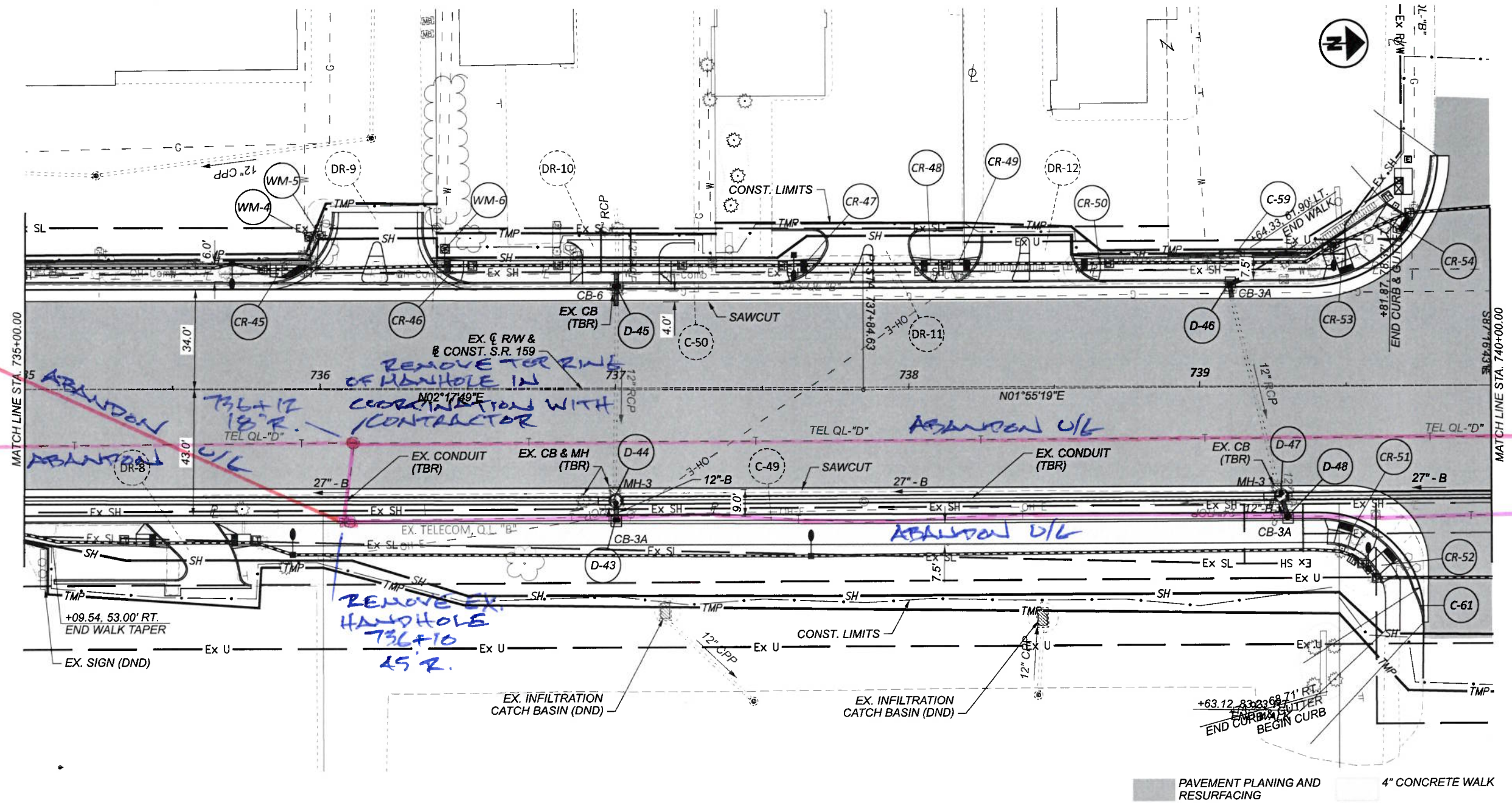
REVIEWER
BDT 11/22/23

PROJECT ID
113013

SHEET TOTAL
161 578

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CROSS REFERENCES	
SHEET NO.	PLAN SECTION
191-267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS



PLAN AND PROFILE - S.R. 159
 STA. 735+00.00 TO STA. 740+00.00

DESIGN AGENCY



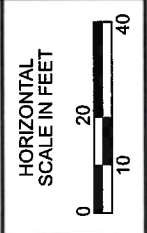
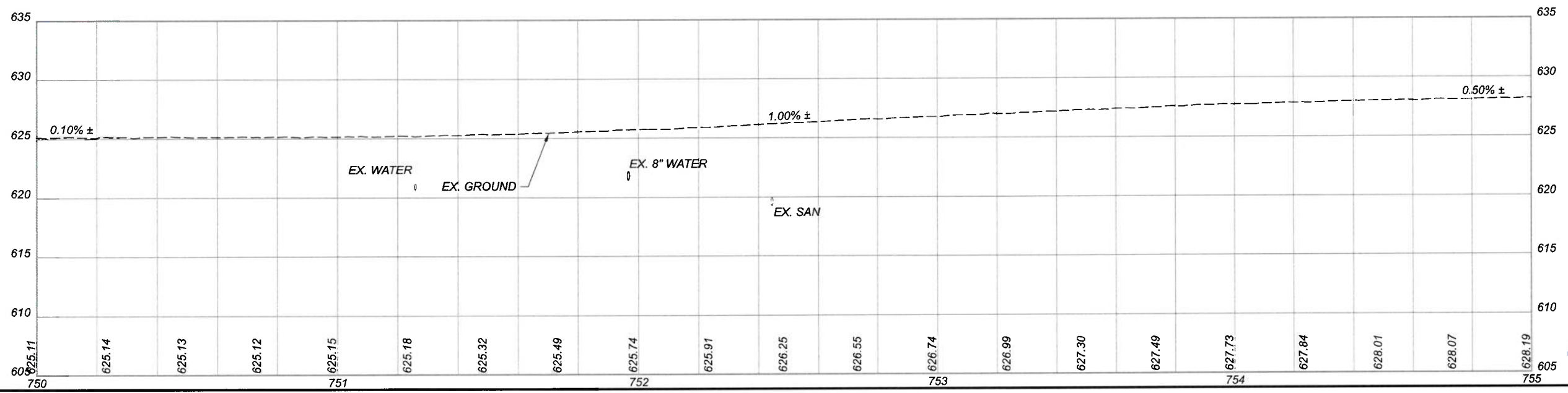
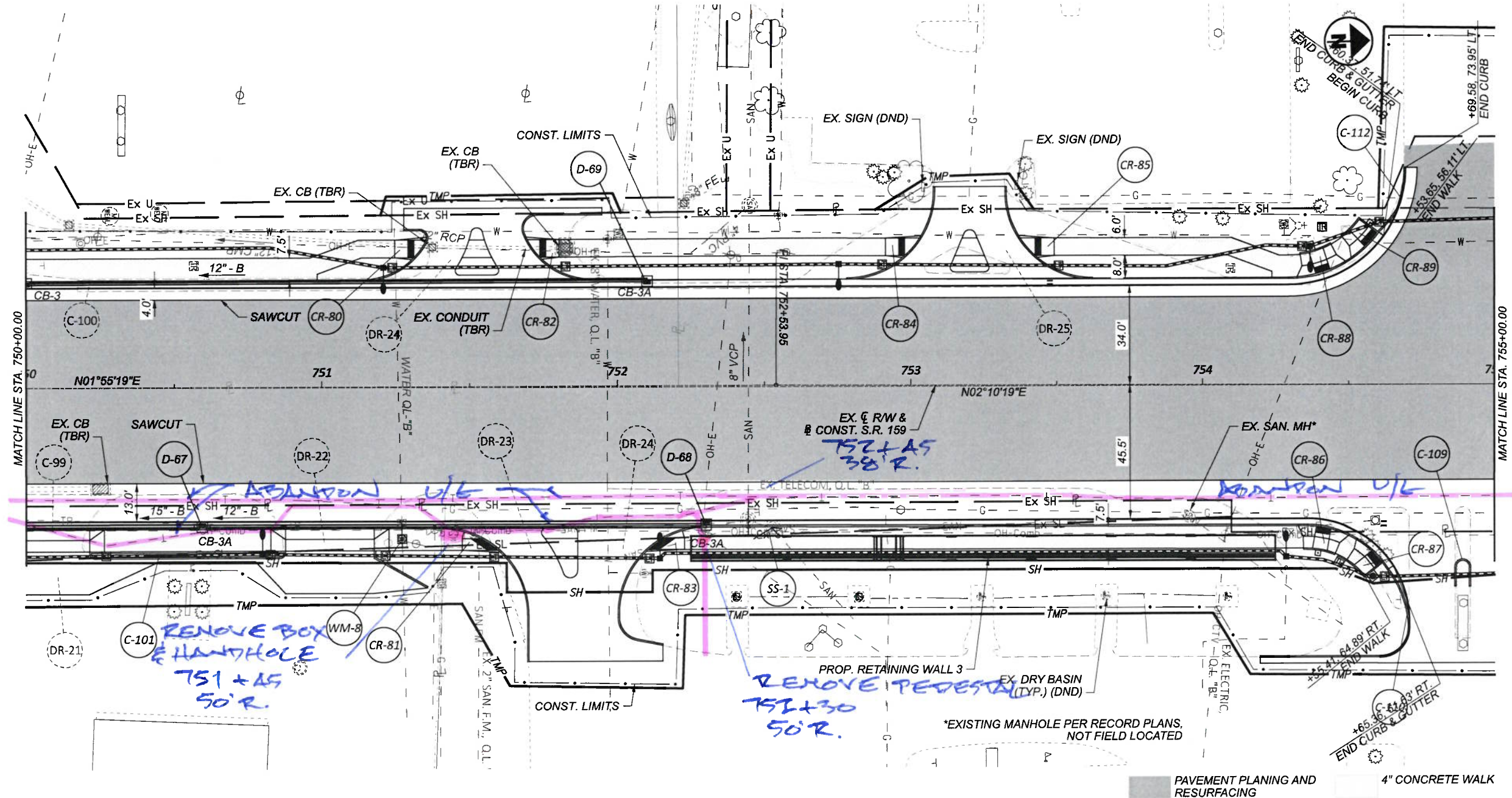
DESIGNER
DSS

REVIEWER
BDT 11/22/23

PROJECT ID
113013

SHEET TOTAL
162 578

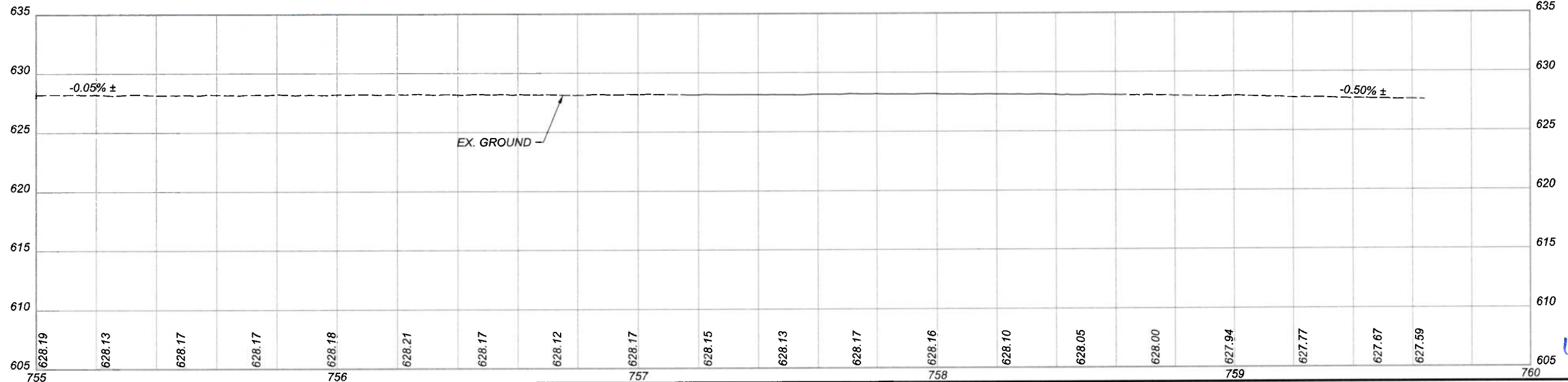
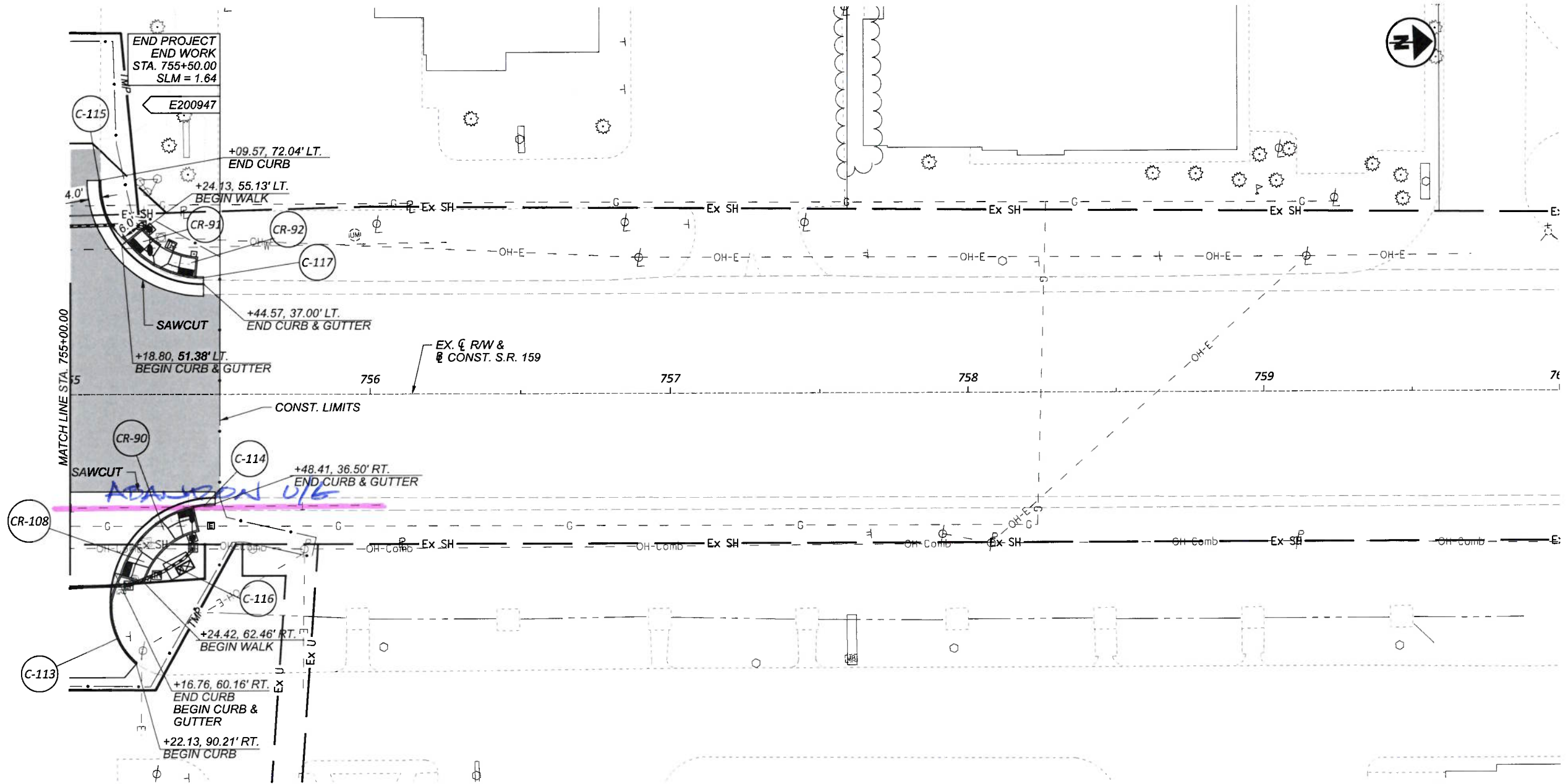
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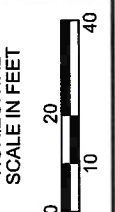
PLAN AND PROFILE - S.R. 159
STA. 750+00.00 TO STA. 755+00.00

DESIGN AGENCY	
B&N burgessniple.com	
DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET	TOTAL
165	578

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PAVEMENT PLANING AND RESURFACING
4" CONCRETE WALK



PLAN AND PROFILE - S.R. 159
STA. 755+00.00 TO END WORK

DESIGN AGENCY	B&N burgessniple.com
DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET	TOTAL
166	578

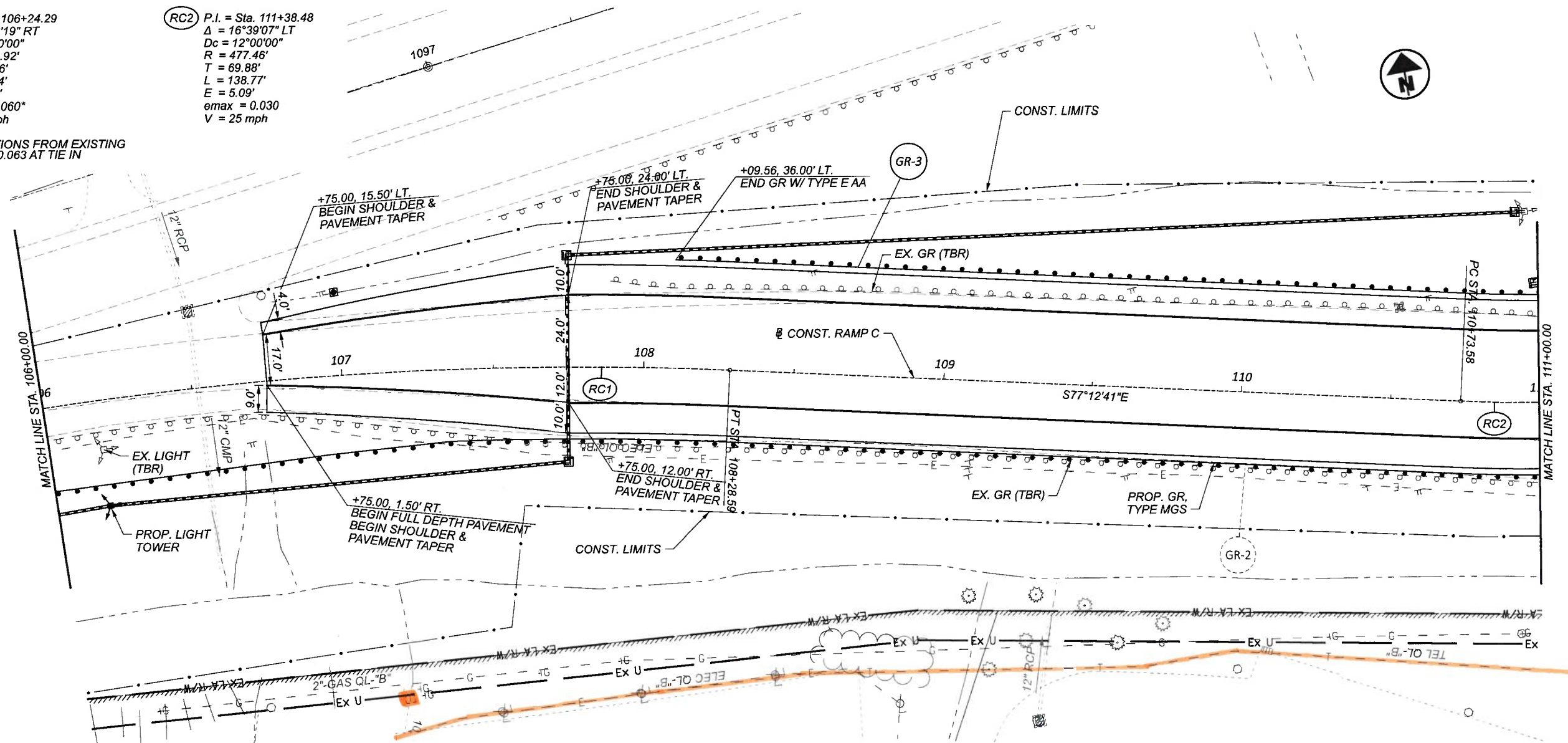
14 of 29

CONST. RAMP C

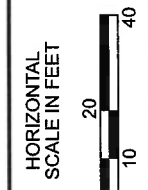
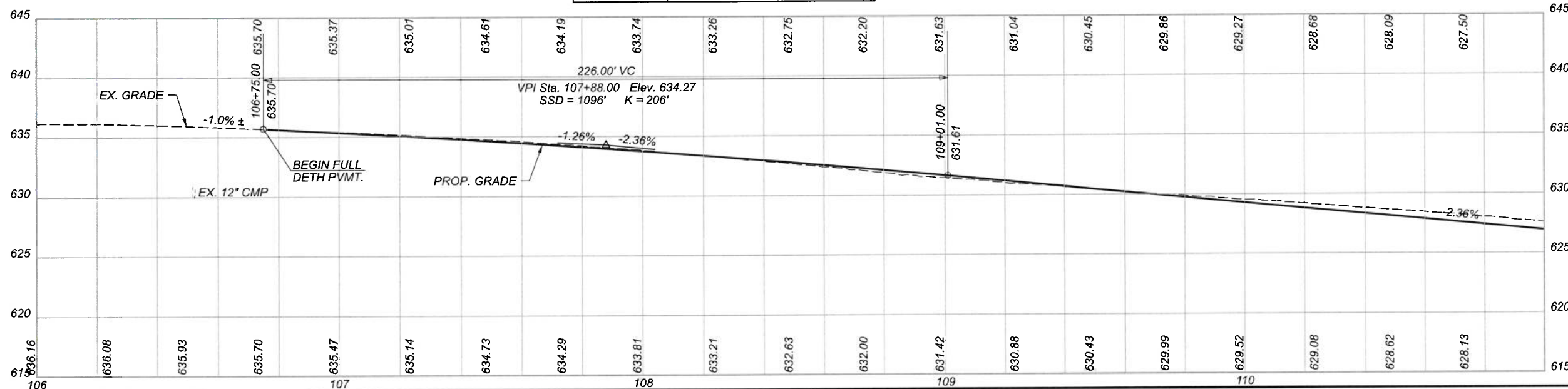
RC1 P.I. = Sta. 106+24.29
 $\Delta = 20^\circ 16' 19''$ RT
 $D_c = 05^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 204.86'$
 $L = 405.44'$
 $E = 18.17'$
 $e_{max} = 0.060'$
 $V = 55$ mph

RC2 P.I. = Sta. 111+38.48
 $\Delta = 16^\circ 39' 07''$ LT
 $D_c = 12^\circ 00' 00''$
 $R = 477.46'$
 $T = 69.88'$
 $L = 138.77'$
 $E = 5.09'$
 $e_{max} = 0.030'$
 $V = 25$ mph

*TRANSITIONS FROM EXISTING
 e_{max} OF 0.063 AT TIE IN



CROSS REFERENCES	
SHEET NO.	SHEET NO.
275 - 277	SUPERELEVATION SCHEMATIC
191 - 267	CROSS SECTIONS
283 - 297	INTERSECTION DETAILS



PLAN AND PROFILE - RAMP C
 STA. 106+00.00 TO STA. 111+00.00

DESIGN AGENCY



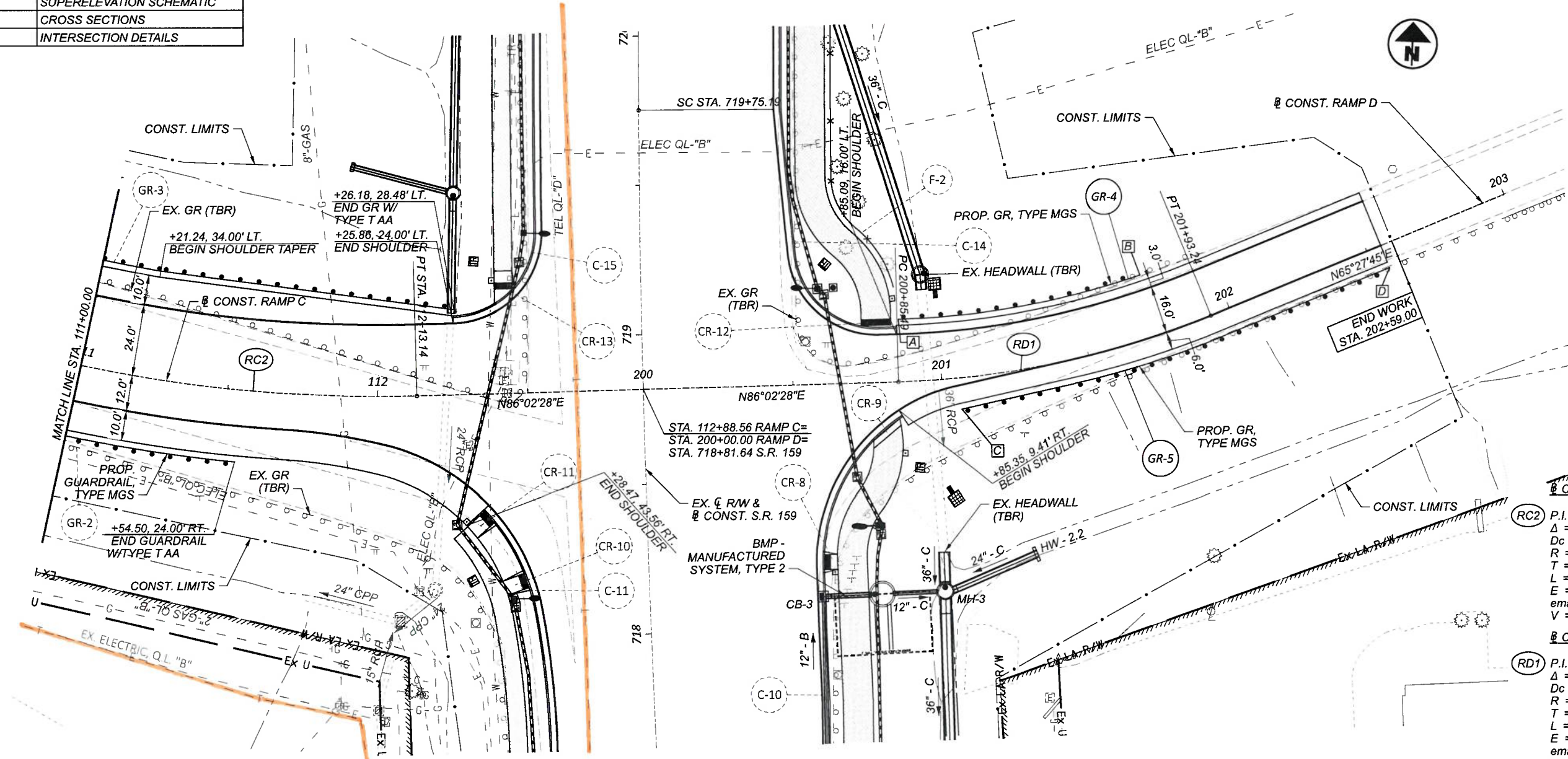
DESIGNER	NJL
REVIEWER	BDT
PROJECT ID	113013
SHEET	TOTAL
168	578

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CROSS REFERENCES	
SHEET NO.	SHEET NO.
275-277	SUPERELEVATION SCHEMATIC
191-267	CROSS SECTIONS
283-297	INTERSECTION DETAILS

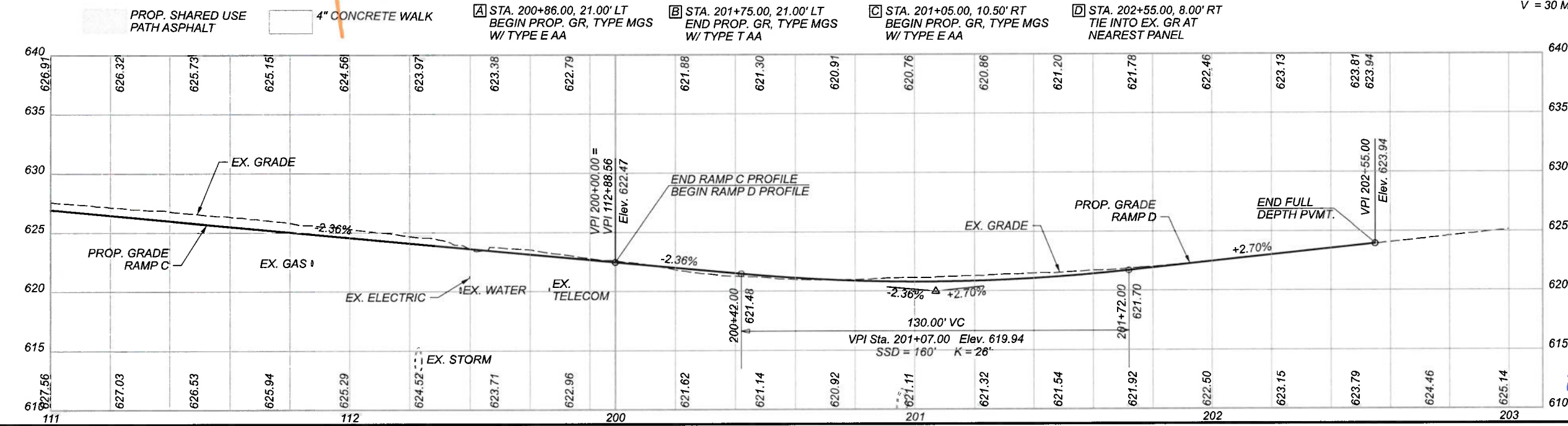


PLAN AND PROFILE - RAMP C AND RAMP D
 STA. 111+00.00 TO END WORK



CONST. RAMP C
 P.I. = Sta. 111+38.48
 $\Delta = 16^{\circ}39'07''$ LT
 $D_c = 12^{\circ}00'00''$
 $R = 477.46'$
 $T = 69.88'$
 $L = 138.77'$
 $E = 5.09'$
 $e_{max} = 0.030$
 $V = 25$ mph

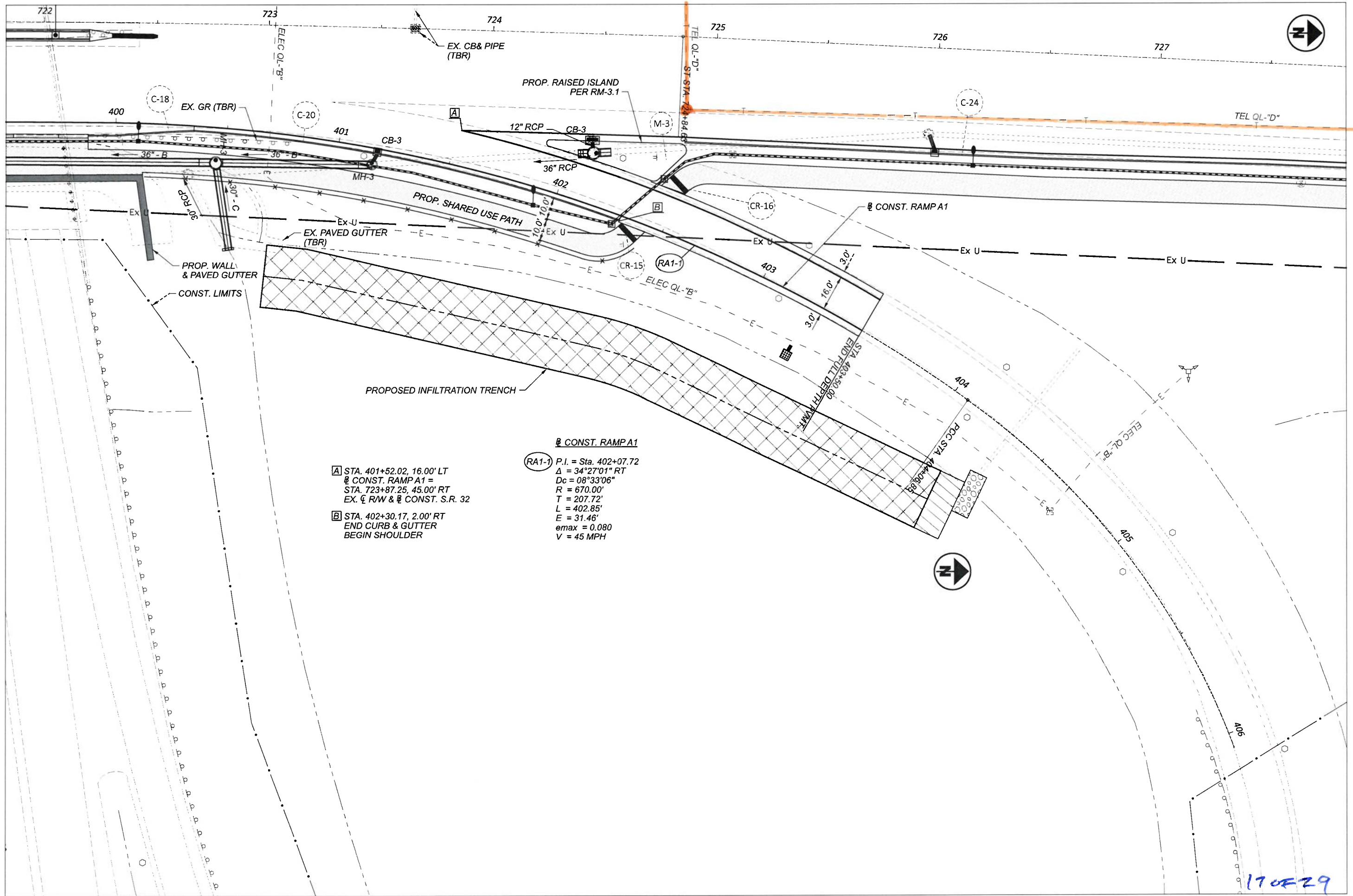
CONST. RAMP D
 P.I. = Sta. 201+39.95
 $\Delta = 20^{\circ}34'43''$ LT
 $D_c = 19^{\circ}05'55''$
 $R = 300.00'$
 $T = 54.46'$
 $L = 107.75'$
 $E = 4.90'$
 $e_{max} = 0.016$
 $V = 30$ MPH



ROS-159-0.41
 MODEL: BLP_RC - Plan 3 PAPER SIZE: 11x17 (in.) DATE: 7/16/2024 TIME: 10:32:18 AM USER: sgr.okg
 PW: \bin-pw-bentley.com\bin-pw-0\Documents\pr-59555-400-Engineer\ing-Roadway\Sheets\113013_GPI003

DESIGN AGENCY	B&N burgessniple.com
DESIGNER	NJL
REVIEWER	BDT
PROJECT ID	113013
SHEET TOTAL	169 578

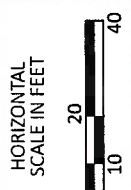
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[A] STA. 401+52.02, 16.00' LT
 @ CONST. RAMP A1 =
 STA. 723+87.25, 45.00' RT
 EX. ϕ R/W & @ CONST. S.R. 32

[B] STA. 402+30.17, 2.00' RT
 END CURB & GUTTER
 BEGIN SHOULDER

(RA1-1) @ CONST. RAMP A1
 P.I. = Sta. 402+07.72
 $\Delta = 34^{\circ}27'01''$ RT
 $D_c = 08^{\circ}33'06''$
 $R = 670.00'$
 $T = 207.72'$
 $L = 402.85'$
 $E = 31.46'$
 $e_{max} = 0.080$
 $V = 45$ MPH



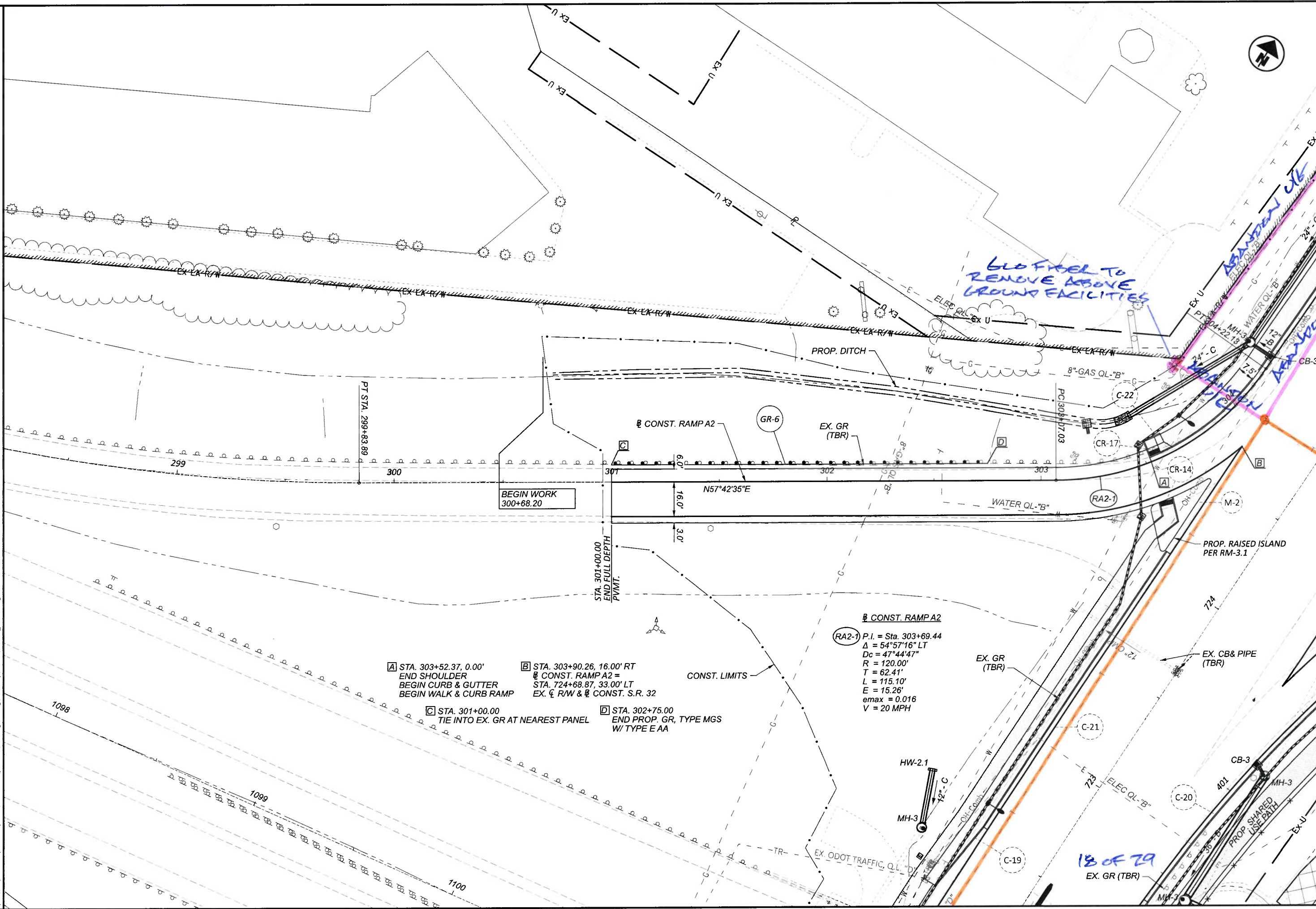
PLAN - RAMP A1
 BEGIN WORK TO END WORK

DESIGN AGENCY



DESIGNER	DSS
REVIEWER	BDT
PROJECT ID	113013
SHEET	TOTAL
170	578

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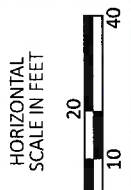


- [A] STA. 303+52.37, 0.00'
END SHOULDER
BEGIN CURB & GUTTER
BEGIN WALK & CURB RAMP
- [B] STA. 303+90.26, 16.00' RT
CONST. RAMP A2 =
STA. 724+68.87, 33.00' LT
EX. C/R/W & CONST. S.R. 32
- [C] STA. 301+00.00
TIE INTO EX. GR AT NEAREST PANEL
- [D] STA. 302+75.00
END PROP. GR, TYPE MGS
W/ TYPE E AA

CONST. RAMP A2
 (RA2-1) P.I. = Sta. 303+69.44
 $\Delta = 54^\circ 57' 16''$ LT
 $D_c = 47^\circ 44' 47''$
 $R = 120.00'$
 $T = 62.41'$
 $L = 115.10'$
 $E = 15.26'$
 $e_{max} = 0.016$
 $V = 20$ MPH

6.0 FEET TO REMOVE ABOVE GROUND FACILITIES

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EX. GR (TBR)

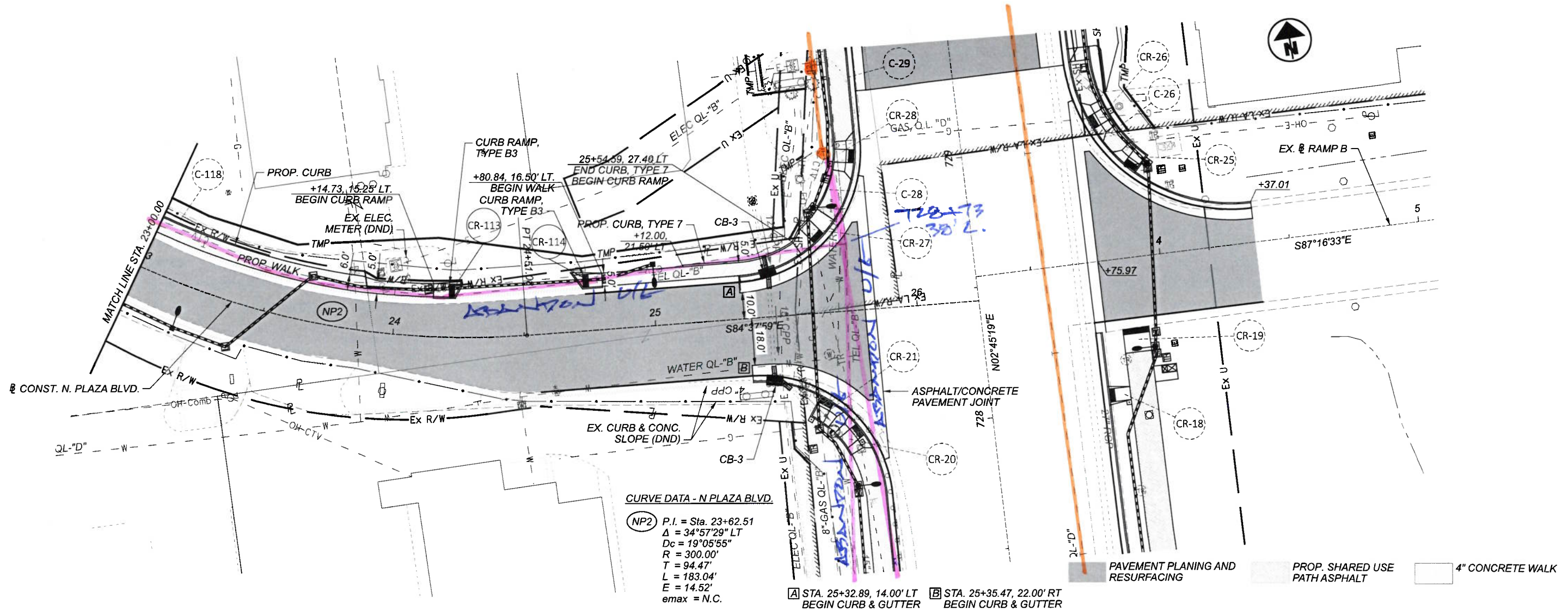


PLAN - RAMP A2
 BEGIN WORK TO END WORK

DESIGN AGENCY



DESIGNER	DSS
REVIEWER	BDT
PROJECT ID	113013
SHEET	171
TOTAL	578

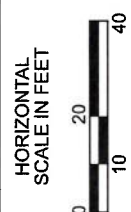
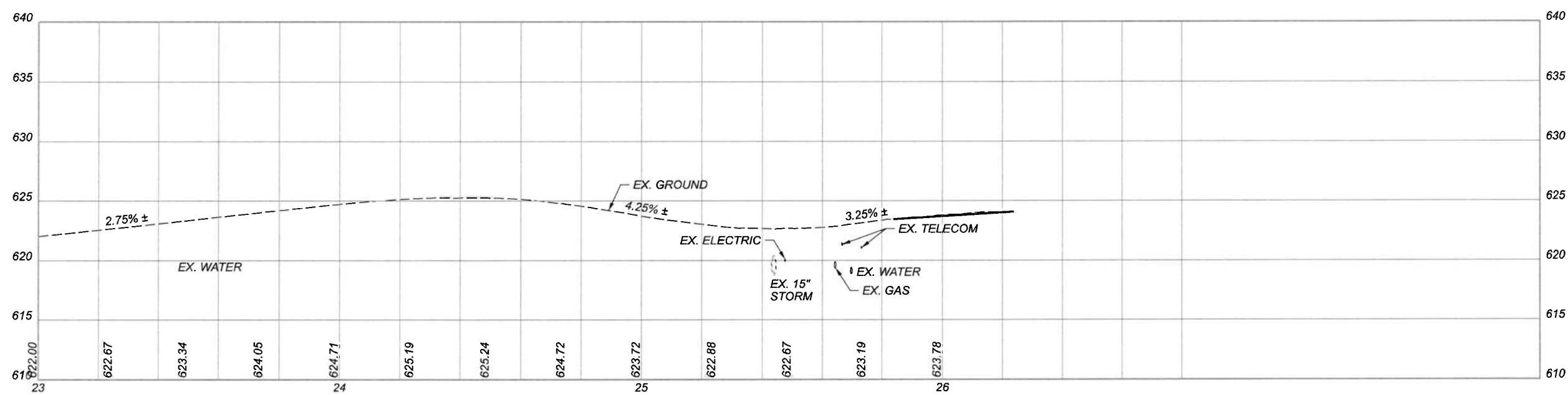


CURVE DATA - N PLAZA BLVD.

(NP2) P.I. = Sta. 23+62.51
 $\Delta = 34^{\circ}57'29''$ LT
 $D_c = 19^{\circ}05'55''$
 $R = 300.00'$
 $T = 94.47'$
 $L = 183.04'$
 $E = 14.52'$
 $e_{max} = N.C.$

(A) STA. 25+32.89, 14.00' LT
 BEGIN CURB & GUTTER

(B) STA. 25+35.47, 22.00' RT
 BEGIN CURB & GUTTER



PLAN AND PROFILE - N. PLAZA BLVD.
 STA. 23+00.00 TO END WORK

DESIGN AGENCY



DESIGNER	DSS
REVIEWER	BDT 11/22/23
PROJECT ID	113013
SHEET TOTAL	173 578

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CURVE DATA - MARIETTA RD.

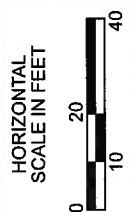
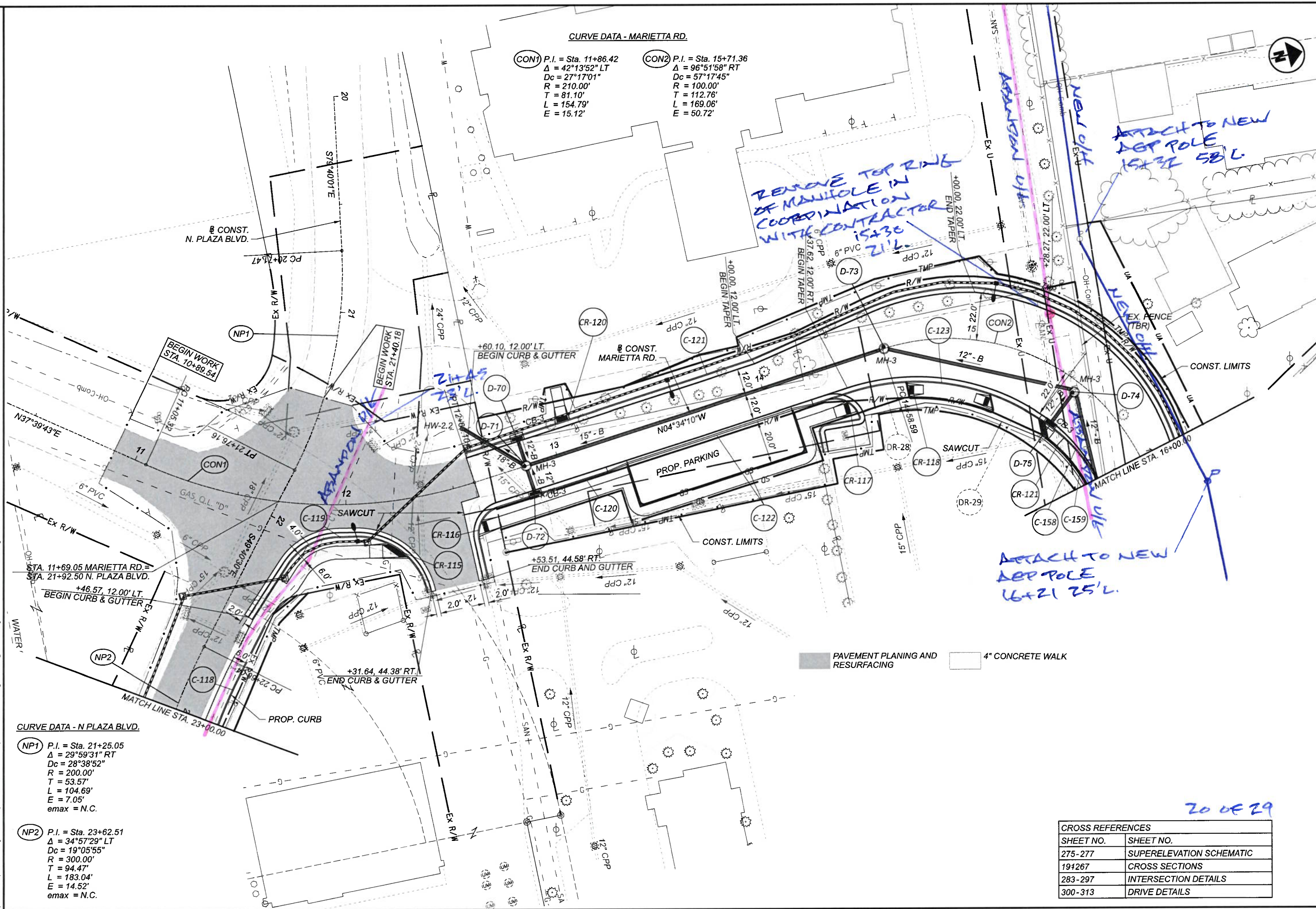
(CON1) P.I. = Sta. 11+86.42
 $\Delta = 42^\circ 13' 52''$ LT
 $D_c = 27^\circ 17' 01''$
 $R = 210.00'$
 $T = 81.10'$
 $L = 154.79'$
 $E = 15.12'$

(CON2) P.I. = Sta. 15+71.36
 $\Delta = 96^\circ 51' 58''$ RT
 $D_c = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 112.76'$
 $L = 169.06'$
 $E = 50.72'$

CURVE DATA - N PLAZA BLVD.

(NP1) P.I. = Sta. 21+25.05
 $\Delta = 29^\circ 59' 31''$ RT
 $D_c = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 53.57'$
 $L = 104.69'$
 $E = 7.05'$
 $e_{max} = N.C.$

(NP2) P.I. = Sta. 23+62.51
 $\Delta = 34^\circ 57' 29''$ LT
 $D_c = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 94.47'$
 $L = 183.04'$
 $E = 14.52'$
 $e_{max} = N.C.$



PLAN - MARIETTA ROAD
STA. 11+00.00 TO STA. 16+00.00

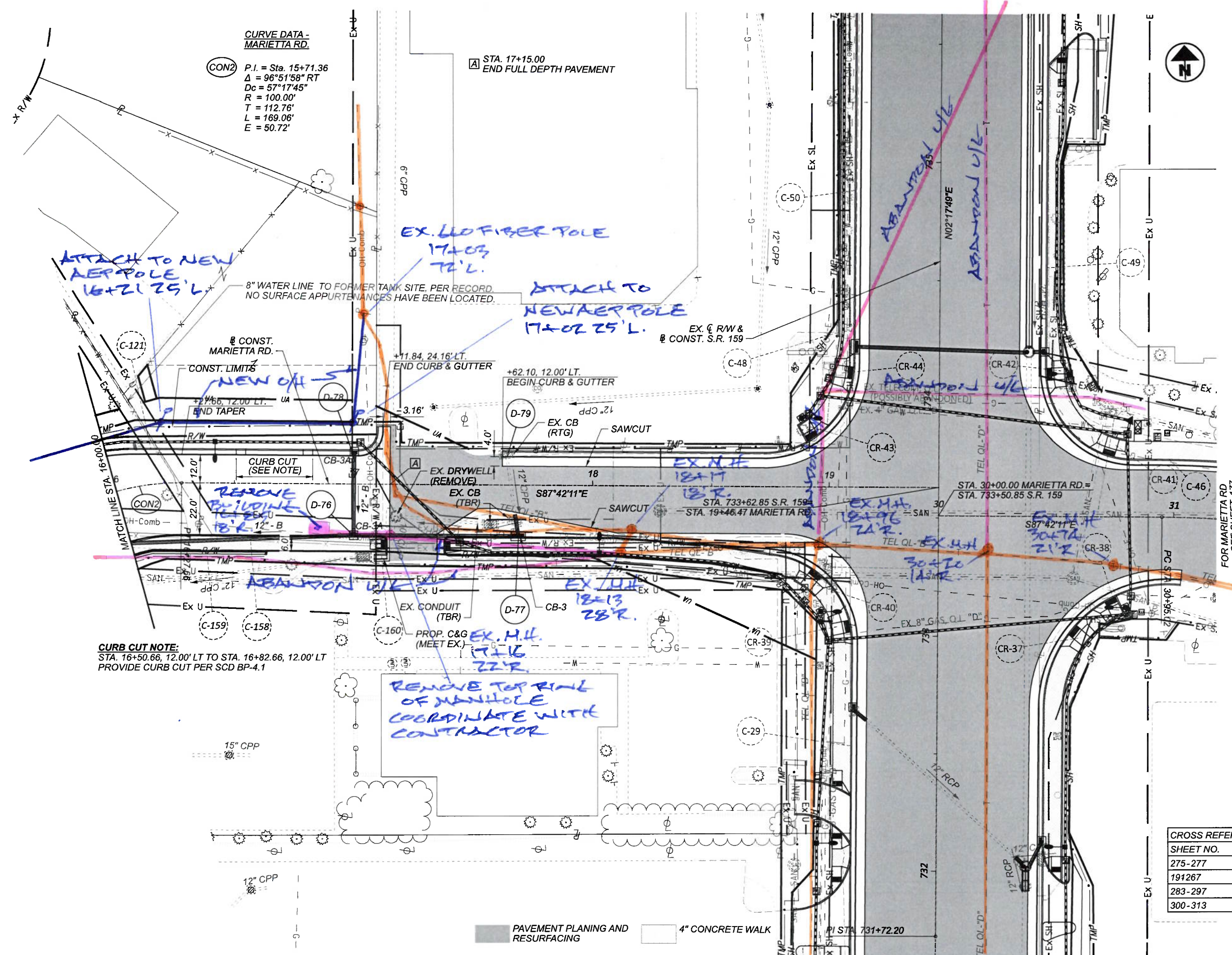
CROSS REFERENCES	
SHEET NO.	SHEET NO.
275-277	SUPERELEVATION SCHEMATIC
194267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS

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DESIGN AGENCY



DESIGNER	DSS
REVIEWER	BDT
PROJECT ID	113013
SHEET TOTAL	174 / 578



CURVE DATA - MARIETTA RD.
 (CON2) P.I. = Sta. 15+71.36
 $\Delta = 96^{\circ}51'58''$ RT
 $Dc = 57^{\circ}17'45''$
 $R = 100.00'$
 $T = 112.76'$
 $L = 169.06'$
 $E = 50.72'$

[A] STA. 17+15.00
 END FULL DEPTH PAVEMENT

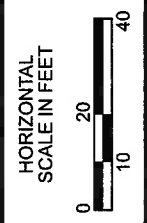
CURB CUT NOTE:
 STA. 16+50.66, 12.00' LT TO STA. 16+82.66, 12.00' LT
 PROVIDE CURB CUT PER SCD BP-4.1

REMOVE TOP RING
 OF MANHOLE
 COORDINATE WITH
 CONTRACTOR

PAVEMENT PLANING AND RESURFACING 4" CONCRETE WALK

CROSS REFERENCES	
SHEET NO.	SHEET NO.
275-277	SUPERELEVATION SCHEMATIC
191267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS

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PLAN - MARIETTA ROAD
 STA. 16+00.00 TO 19+46.47

DESIGN AGENCY

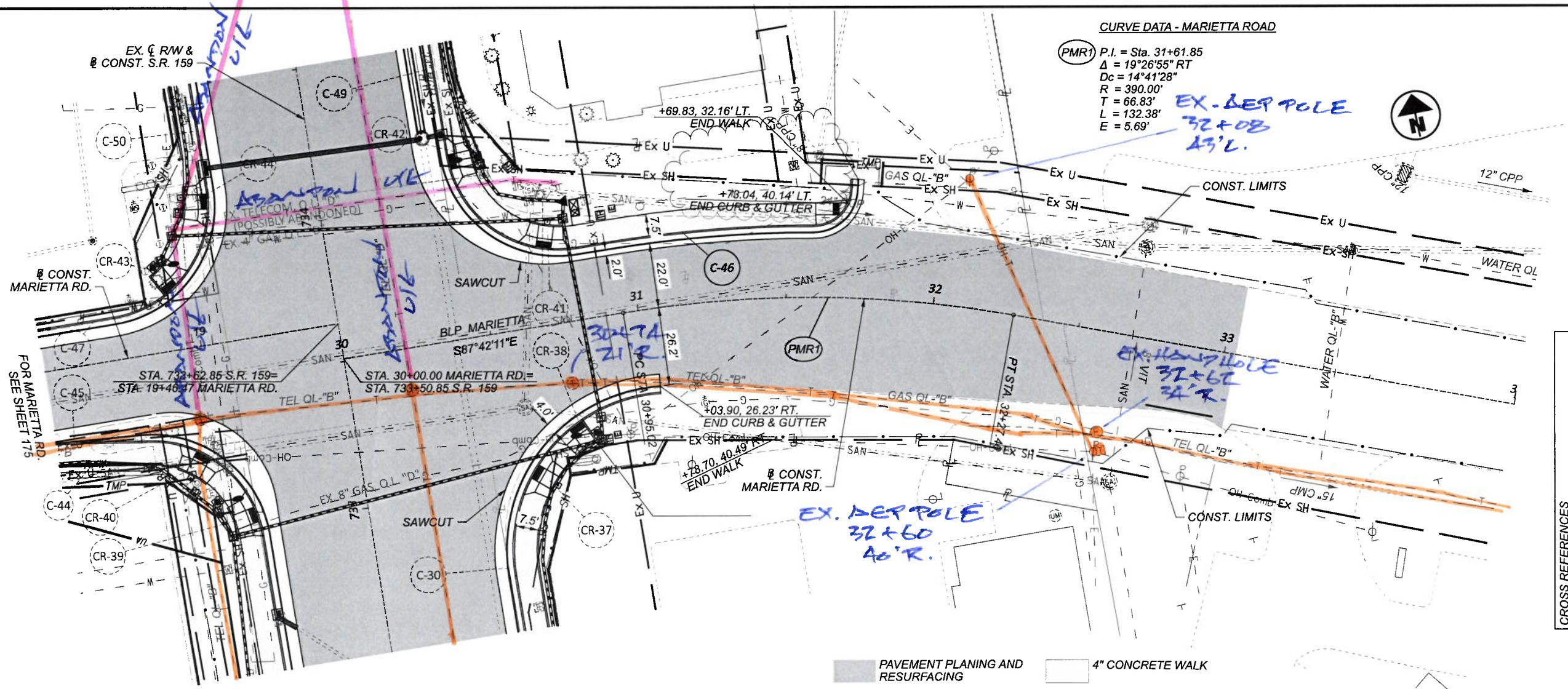


DESIGNER
 DSS

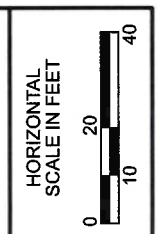
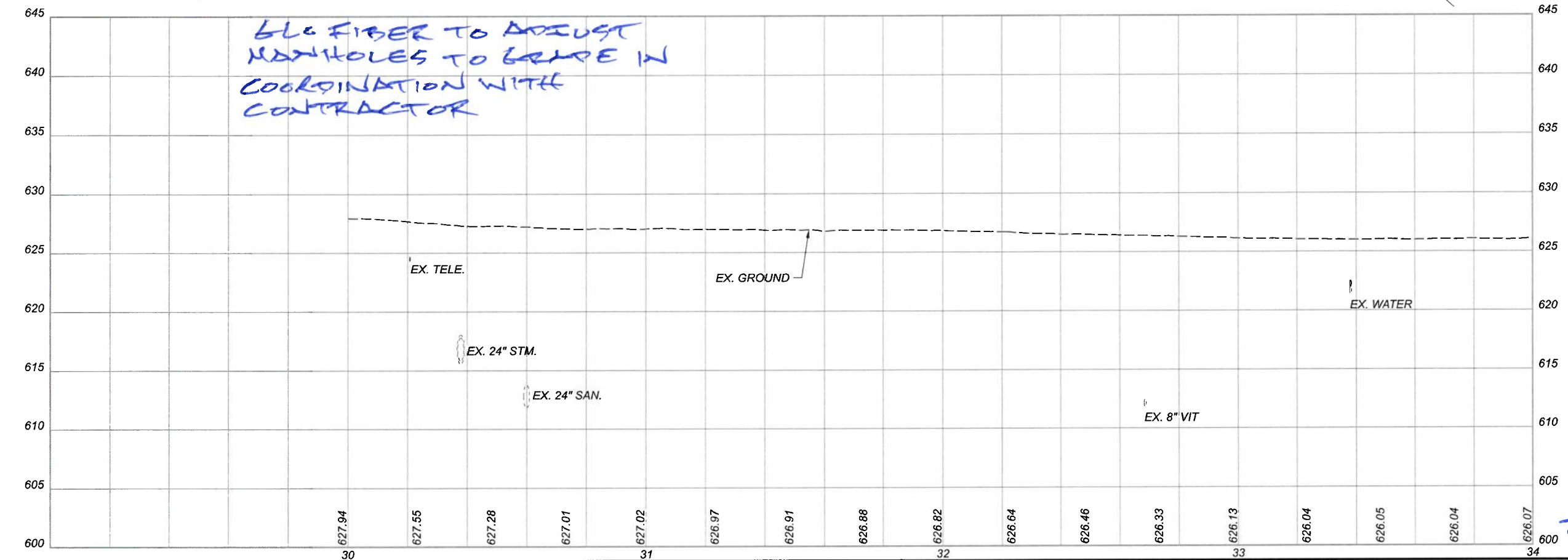
REVIEWER
 BDT 11/22/23

PROJECT ID
 113013

SHEET TOTAL
 175 578



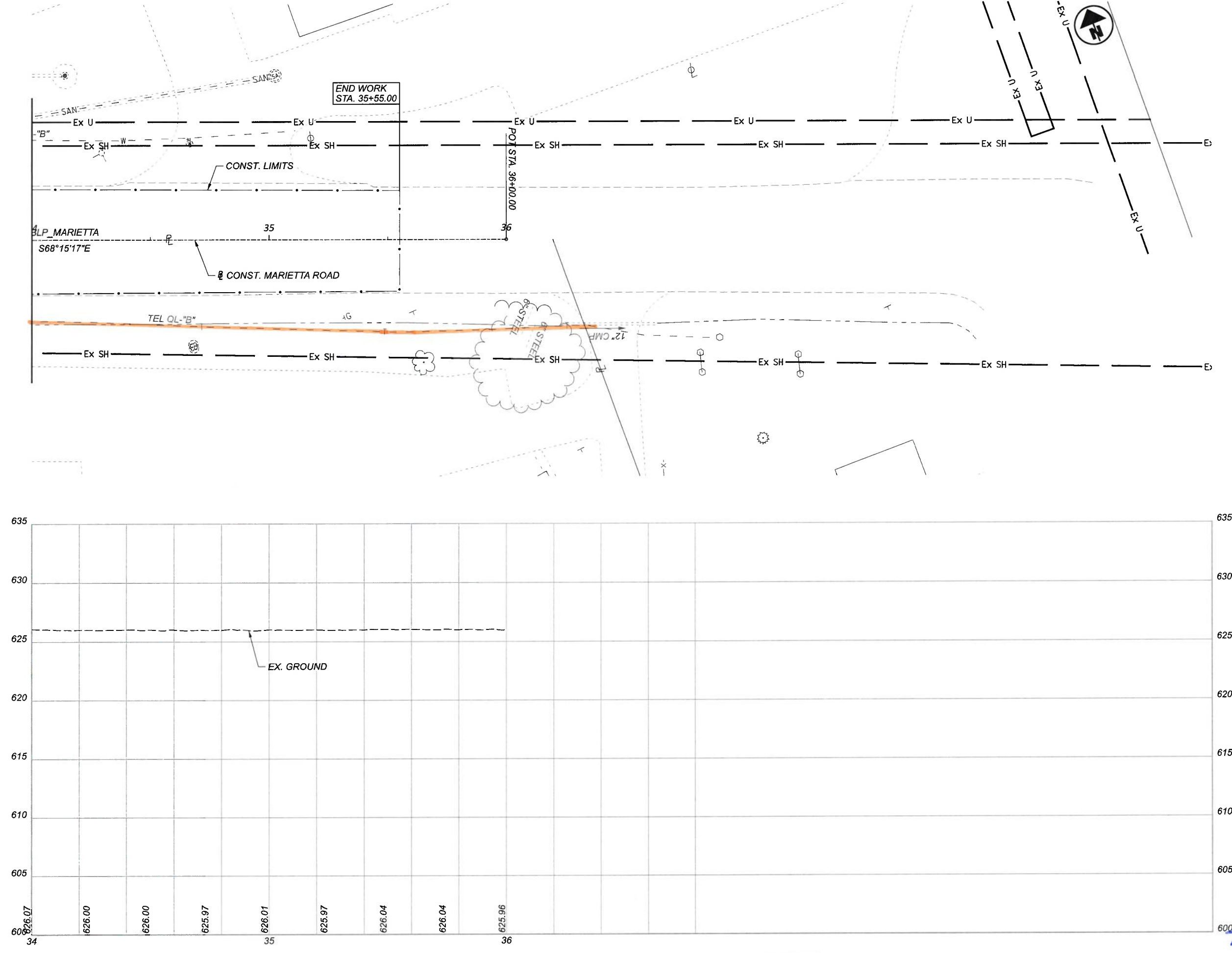
CROSS REFERENCES	
SHEET NO.	PLAN SECTION
191-267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS



PLAN AND PROFILE - MARIETTA ROAD
 STA. 30+00.00 TO STA. 34+00.00

DESIGN AGENCY	
B&N burgessniple.com	
DESIGNER	
DSS	
REVIEWER	
BDT 11/22/23	
PROJECT ID	
113013	
SHEET	TOTAL
177	578

22 of 29



PLAN AND PROFILE - MARIETTA ROAD
 STA. 34+00.00 TO END WORK

DESIGN AGENCY



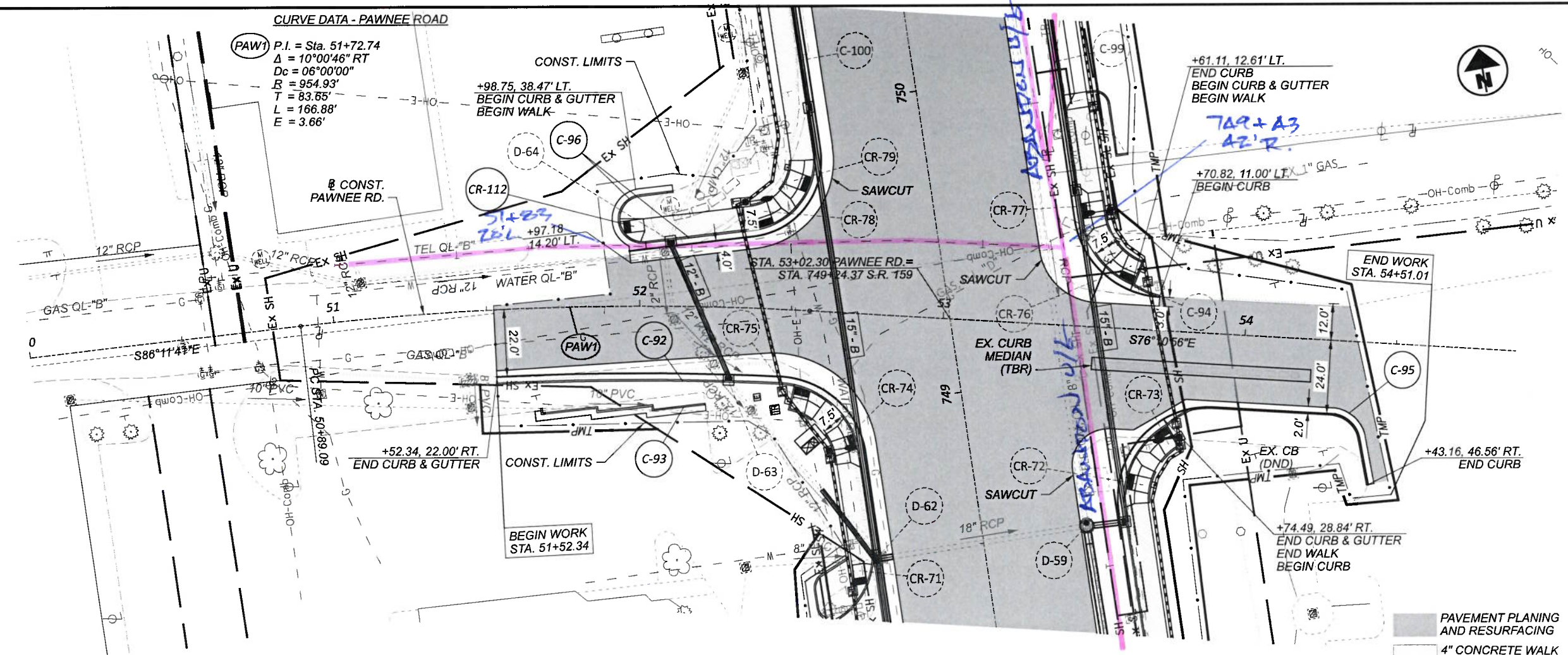
DESIGNER
 NJL

REVIEWER
 BDT 11/22/23

PROJECT ID
 113013

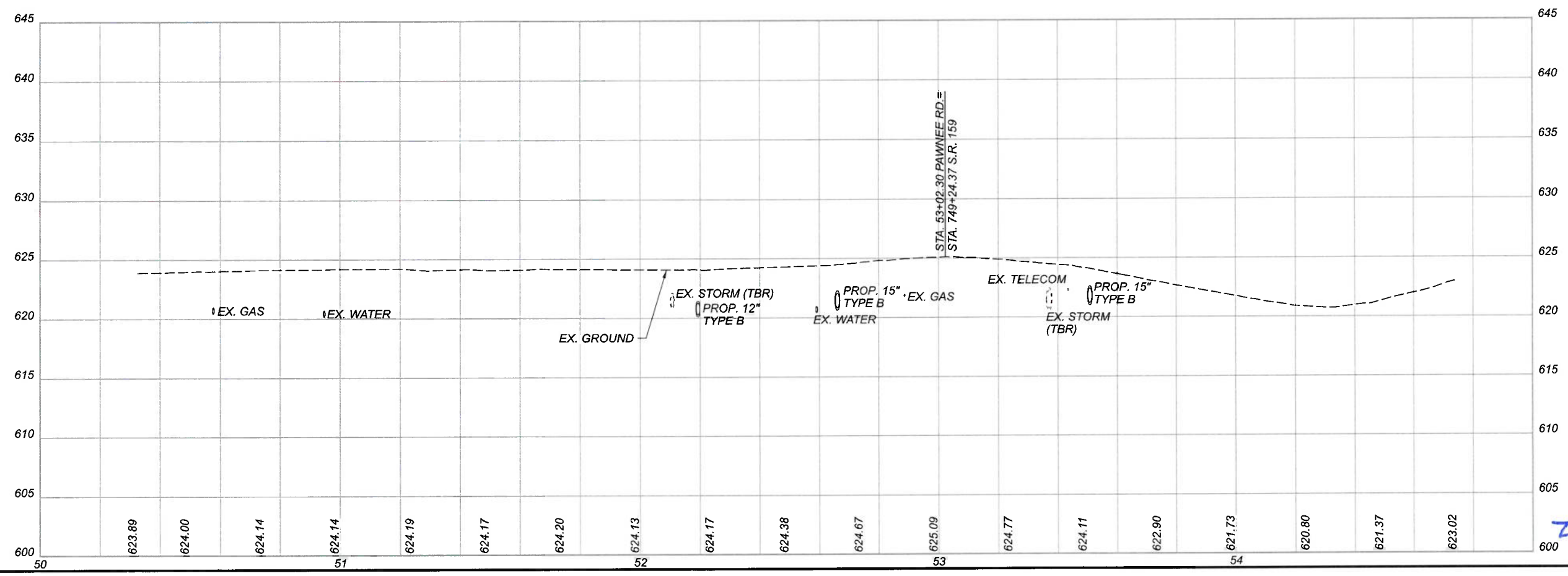
SHEET TOTAL
 178 578

23 OF 29



CROSS REFERENCES

SHEET NO.	PLAN SECTION
191-267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS



PLAN AND PROFILE - PAWNEE ROAD
 STA. 50+00.00 TO END WORK

DESIGN AGENCY
B&N
 burgessniple.com

DESIGNER
 DSS

REVIEWER
 BDT 11/22/23

PROJECT ID
 113013

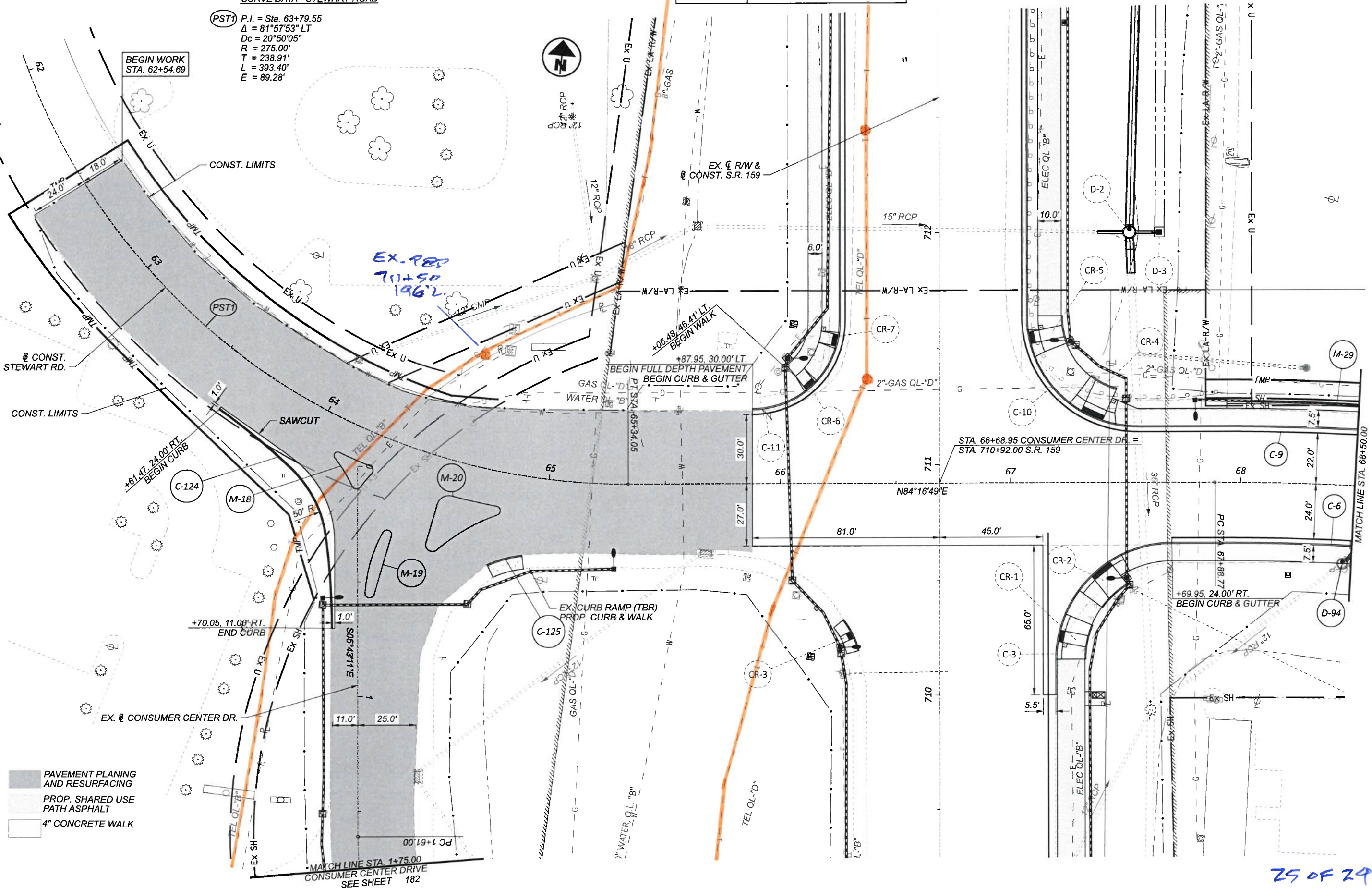
SHEET TOTAL
 179 578

2A OF 29

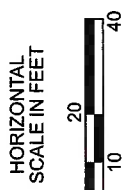
CROSS REFERENCES	
SHEET NO.	PLAN SECTION
191-267	CROSS SECTIONS
283-297	INTERSECTION DETAILS
300-313	DRIVE DETAILS

CURVE DATA - STEWART ROAD

PST1 P.I. = Sta. 63+79.55
 $\Delta = 81^{\circ}57'53''$ LT
 $D_c = 20^{\circ}50'05''$
 $R = 275.00'$
 $T = 238.91'$
 $L = 393.40'$
 $E = 89.28'$



- PAVEMENT PLANING AND RESURFACING
- PROP. SHARED USE PATH ASPHALT
- 4\"/>



PLAN - STEWART ROAD
 STA. 60+00.00 TO STA. 68+50.00

DESIGN AGENCY



DESIGNER
 NJL

REVIEWER
 BDT 11/22/23

PROJECT ID
 113013

SHEET	TOTAL
180	578

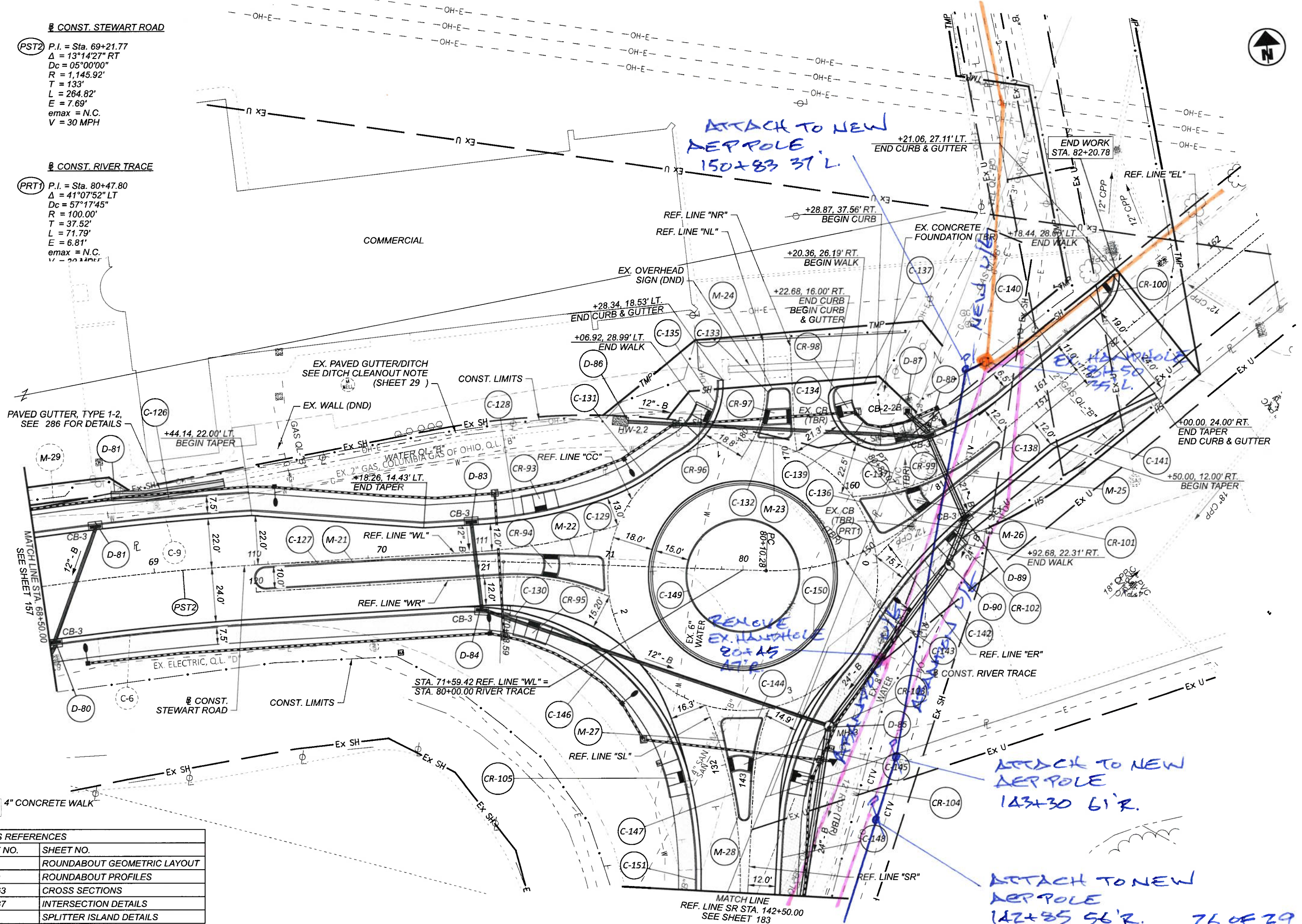
25 OF 29

CONST. STEWART ROAD

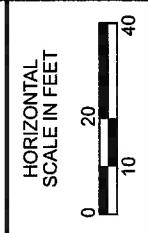
(PST2) P.I. = Sta. 69+21.77
 $\Delta = 13^{\circ}14'27''$ RT
 $D_c = 05^{\circ}00'00''$
 $R = 1,145.92'$
 $T = 133'$
 $L = 264.82'$
 $E = 7.69'$
 $e_{max} = N.C.$
 $V = 30$ MPH

CONST. RIVER TRACE

(PRT1) P.I. = Sta. 80+47.80
 $\Delta = 41^{\circ}07'52''$ LT
 $D_c = 57^{\circ}17'45''$
 $R = 100.00'$
 $T = 37.52'$
 $L = 71.79'$
 $E = 6.81'$
 $e_{max} = N.C.$
 $V = 20$ MPH



CROSS REFERENCES	
SHEET NO.	SHEET NO.
10	ROUNDAABOUT GEOMETRIC LAYOUT
185189	ROUNDAABOUT PROFILES
255 - 263	CROSS SECTIONS
286 - 287	INTERSECTION DETAILS
298	SPLITTER ISLAND DETAILS



PLAN - CONSUMER CENTER DRIVE
 STA. 1+75.00 TO STA. 6+50.00

DESIGN AGENCY

DESIGNER
 NJL

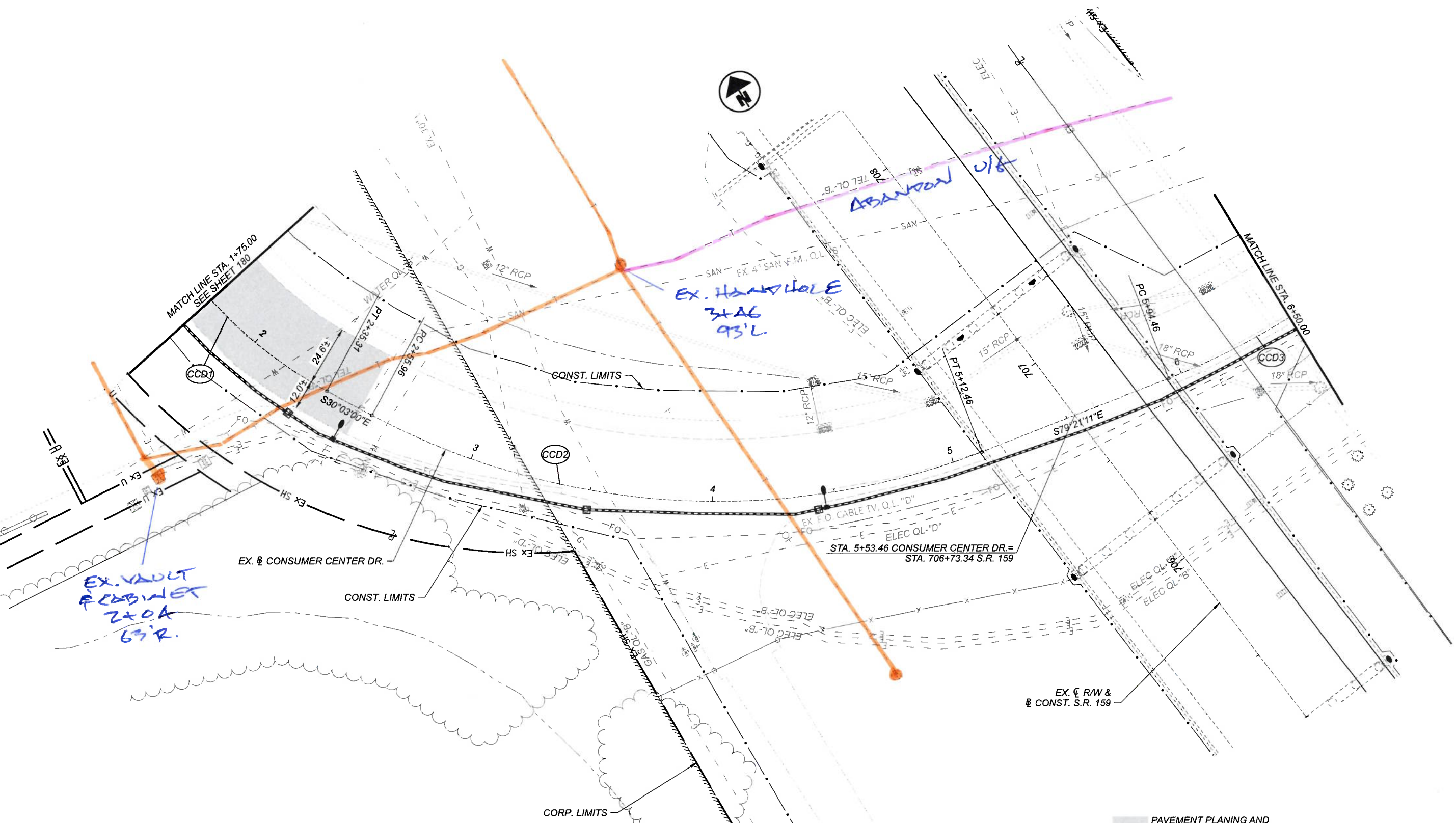
REVIEWER
 BDT 11/22/23

PROJECT ID
 113013

SHEET TOTAL
 182 578

ROS-159-0.41

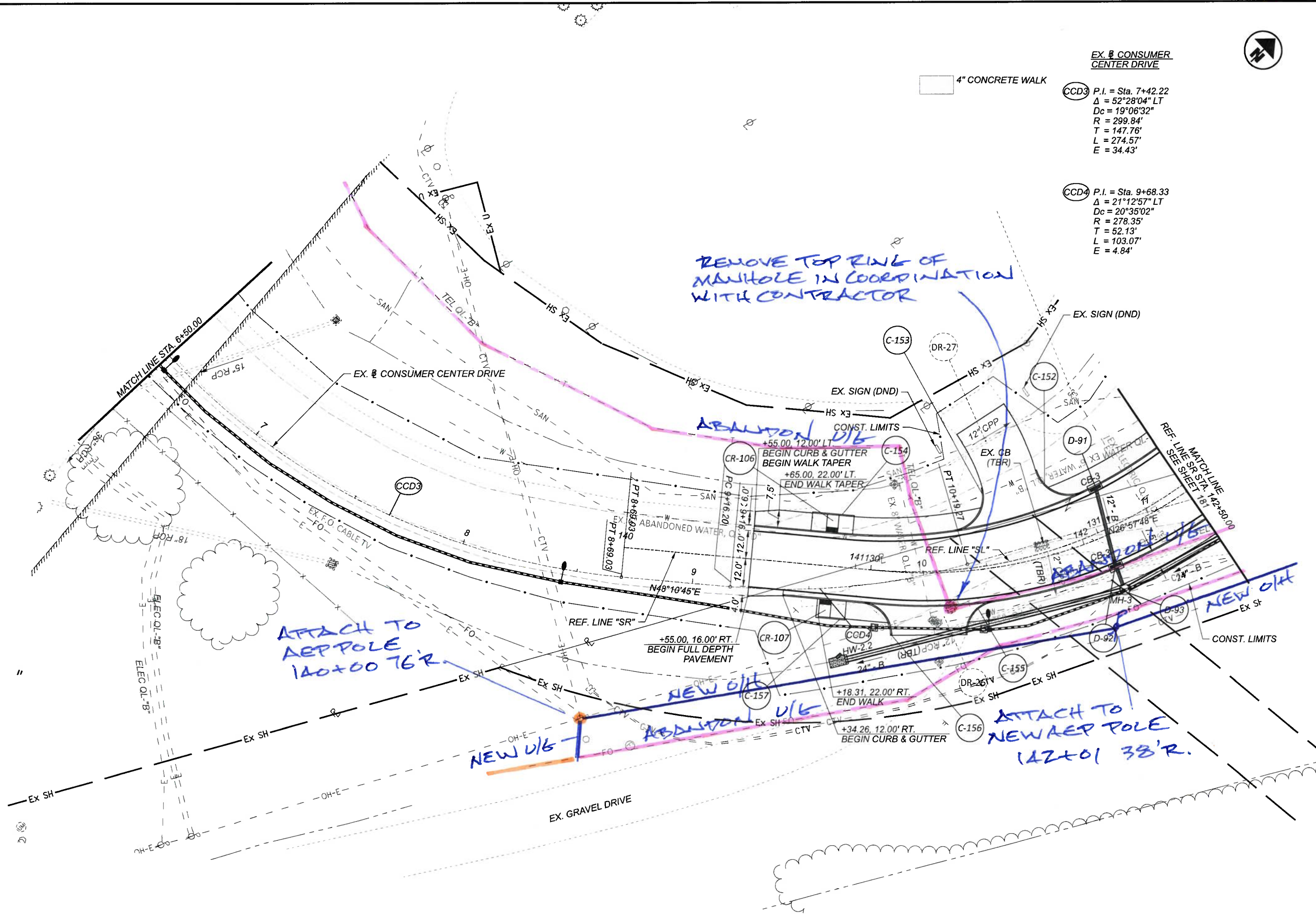
MODEL: BLP-STEWARD - Plan 4 PAPER SIZE: 17x11 (in.) DATE: 7/16/2024 TIME: 10:37:46 AM USER: sorokg
 D:\1\proj\113013\113013-Engineering\Roadway\Sheets\113013_060.dgn



CURVE DATA - CONSUMER CENTER DRIVE

Curve ID	P.I. = Sta.	Δ	Dc	R	T	L	E
CCD1	1+98.72	24°19'49" LT	32'44"26"	175.00'	37.72'	74.31'	4.02'
CCD2	3+92.76	49°18'11" LT	19'13"18"	298.08'	136.80'	256.50'	29.89'
CCD3	7+42.22	52°28'04" LT	19'06"32"	299.84'	147.76'	274.57'	34.43'

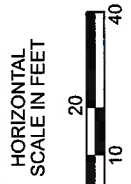
PAVEMENT PLANNING AND RESURFACING



EX. B CONSUMER CENTER DRIVE

CCD3 P.I. = Sta. 7+42.22
 $\Delta = 52^\circ 28' 04''$ LT
 $D_c = 19^\circ 06' 32''$
 $R = 299.84'$
 $T = 147.76'$
 $L = 274.57'$
 $E = 34.43'$

CCD4 P.I. = Sta. 9+68.33
 $\Delta = 21^\circ 12' 57''$ LT
 $D_c = 20^\circ 35' 02''$
 $R = 278.35'$
 $T = 52.13'$
 $L = 103.07'$
 $E = 4.84'$



PLAN - CONSUMER CENTER DRIVE
 BEGIN WORK TO REF. LINE SR STA. 142+50.00

DESIGN AGENCY



DESIGNER NJL

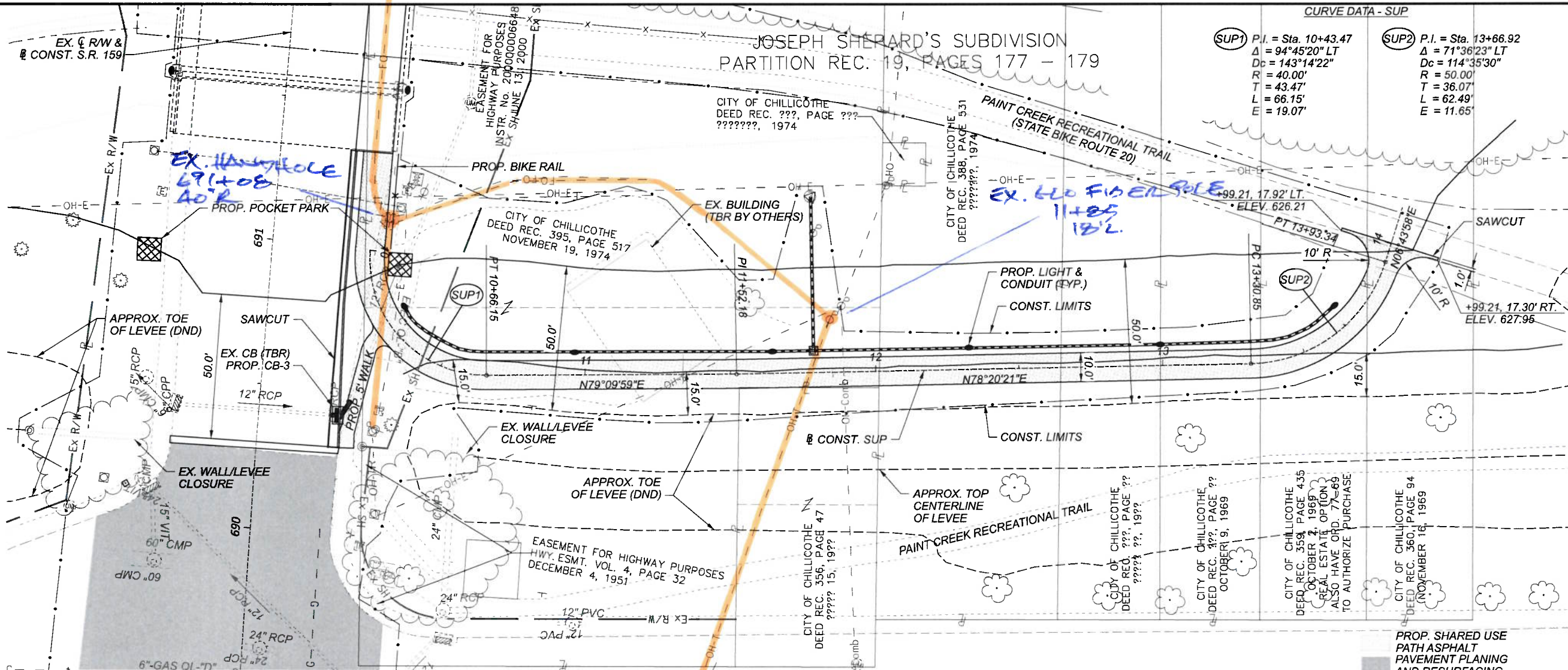
REVIEWER BDT 11/22/23

PROJECT ID 113013

SHEET TOTAL

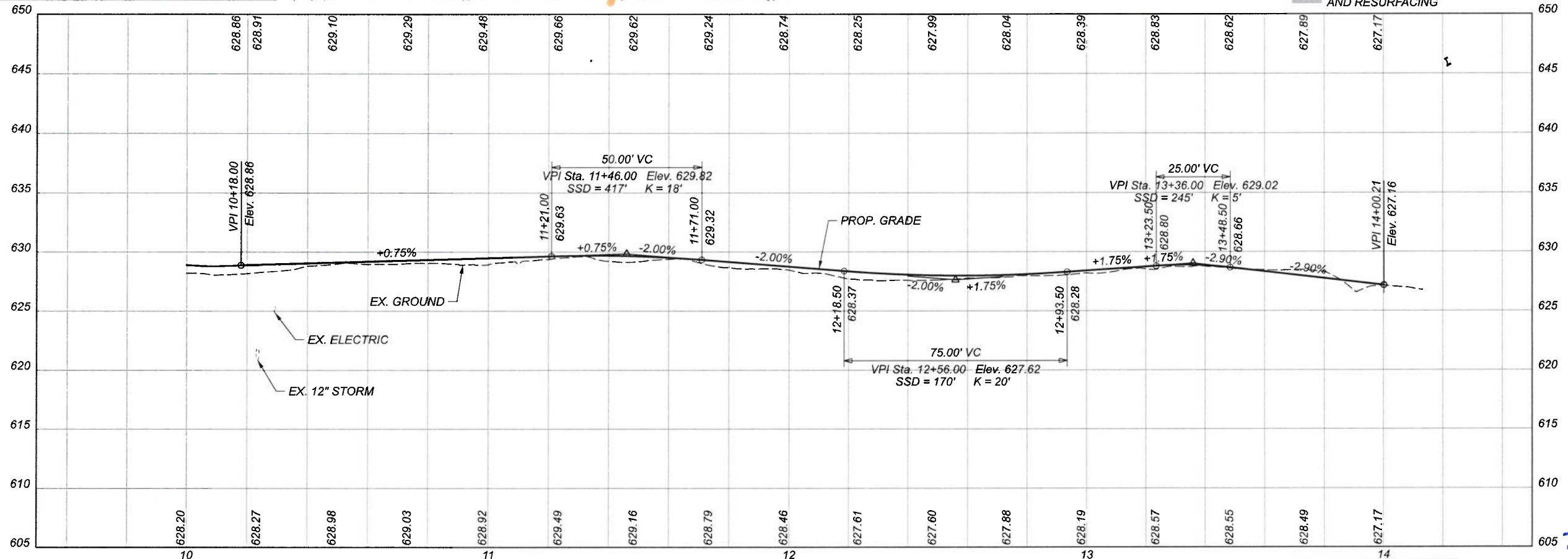
183 578

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CURVE DATA - SUP

Curve	P.I.	Δ	Dc	R	T	L	E
(SUP1)	Sta. 10+43.47	94°45'20" LT	143°14'22"	40.00'	43.47'	66.15'	19.07'
(SUP2)	Sta. 13+66.92	71°36'23" LT	114°35'30"	50.00'	36.07'	62.49'	11.65'



PLAN AND PROFILE - SUP CONNECTION
 STA. 10+00.00 TO STA. 14+13.31

DESIGN AGENCY



DESIGNER
DSS

REVIEWER
BDT 11/22/23

PROJECT ID
113013

SHEET TOTAL
190 578

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