

CITY OF ARLINGTON
PUBLIC WORKS DEPARTMENT
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
PROJECT NO. P02.571
SNOHOMISH COUNTY
ARLINGTON, WA

CITY OF ARLINGTON OFFICIALS

MAYOR
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PUBLIC WORKS DIRECTOR

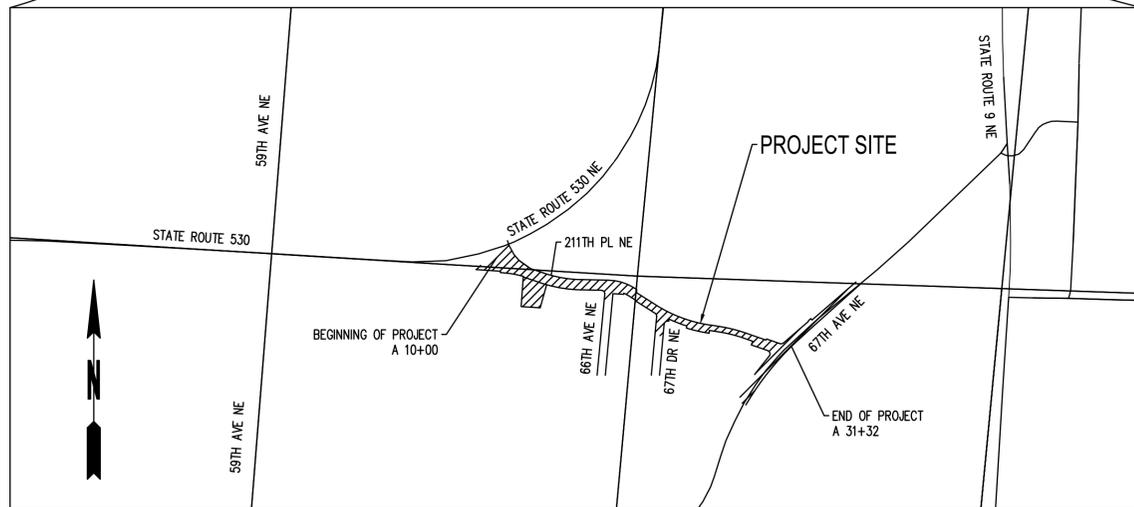
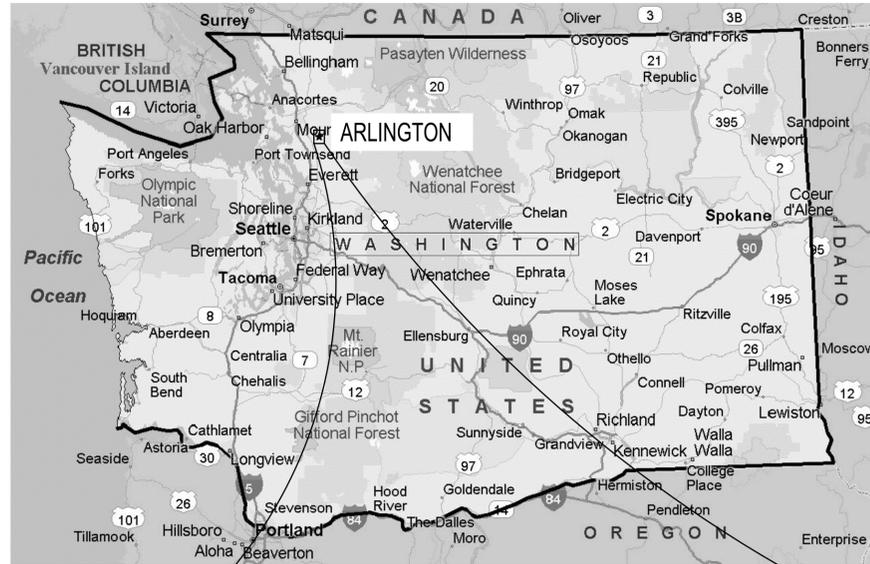
JAMES KELLY, P.E.

CITY ENGINEER

RYAN MORRISON, P.E.

Sheet List Table		
Sheet Number	Sheet Title	Sheet Description
01	CV-01	COVER SHEET
02	GN-01	GENERAL NOTES AND ABBREVIATIONS
03	XS-01	TYPICAL ROADWAY SECTIONS
04	XS-02	TYPICAL ROADWAY SECTIONS
05	XS-03	TYPICAL ROADWAY SECTIONS
06	XS-04	TYPICAL ROADWAY SECTIONS
07	AL-01	ALIGNMENT AND RIGHT OF WAY PLAN
08	AL-02	ALIGNMENT AND RIGHT OF WAY PLAN
09	AL-03	ALIGNMENT AND RIGHT OF WAY PLAN
10	AL-04	ALIGNMENT AND RIGHT OF WAY PLAN
11	RM-01	REMOVAL AND TESC PLAN
12	RM-02	REMOVAL AND TESC PLAN
13	RM-03	REMOVAL AND TESC PLAN
14	RM-04	REMOVAL AND TESC PLAN
15	SD-01	STORM DRAINAGE PLAN
16	SD-02	STORM DRAINAGE PLAN
17	SD-03	STORM DRAINAGE PLAN
18	SD-04	STORM DRAINAGE PLAN
19	SD-05	STORM DRAINAGE POND PLAN
20	SD-06	STORM DRAINAGE POND PLAN
21	SD-07	STORM DRAINAGE DETAILS
22	SD-08	STORM DRAINAGE DETAILS
23	SD-09	STORM DRAINAGE PROFILES
24	SD-10	STORM DRAINAGE DETAILS
25	WT-01	WATER PLAN
26	WT-02	WATER PLAN
27	WT-03	WATER PLAN
28	WT-04	WATER PLAN
29	UT-01	UTILITY PLAN
30	UT-02	UTILITY PLAN
31	UT-03	UTILITY PLAN
32	UT-04	UTILITY PLAN
33	WD-01	RETAINING WALL DETAILS
34	WD-02	RETAINING WALL DETAILS
35	WD-03	RETAINING WALL DETAILS
36	WD-04	RETAINING WALL DETAILS
37	PV-01	PAVING PLAN
38	PV-02	PAVING PLAN
39	PV-03	PAVING PLAN
40	PV-04	PAVING PLAN
41	PV-05	PAVING PLAN
42	CR-01	CURB RAMP DETAILS
43	DT-01	DRIVEWAY DETAILS
44	DT-02	DRIVEWAY DETAILS
45	DT-03	DRIVEWAY DETAILS
46	CH-01	CHANNELIZATION & SIGNING PLAN

47	CH-02	CHANNELIZATION & SIGNING PLAN
48	CH-03	CHANNELIZATION & SIGNING PLAN
49	CH-04	CHANNELIZATION & SIGNING PLAN
50	CH-05	CHANNELIZATION & SIGNING PLAN
51	IL-01	ILLUMINATION PLANS
52	IL-02	ILLUMINATION PLANS
53	IL-03	ILLUMINATION PLANS
54	IL-04	ILLUMINATION PLANS
55	IL-05	ILLUMINATION PLANS
56	SG-01	TRAFFIC SIGNAL PLAN
57	LS-01	LANDSCAPING PLAN
58	LS-02	LANDSCAPING PLAN
59	LS-03	LANDSCAPING PLAN
60	LS-04	LANDSCAPING PLAN
61	LS-05	LANDSCAPE SCHEDULE & NOTES
62	DU-01	DETOUR PLAN
63	DU-02	DETOUR PLAN
64	TC-01	TRAFFIC CONTROL
65	TC-02	TRAFFIC CONTROL
66	TC-03	TRAFFIC CONTROL
67	TC-04	TRAFFIC CONTROL
68	CS-01	CROSS SECTIONS
69	CS-02	CROSS SECTIONS
70	CS-03	CROSS SECTIONS
71	CS-04	CROSS SECTIONS
72	CS-05	CROSS SECTIONS
73	CS-06	CROSS SECTIONS
74	CS-07	CROSS SECTIONS
75	CS-08	CROSS SECTIONS
76	CS-09	CROSS SECTIONS
77	CS-10	CROSS SECTIONS
78	CS-11	CROSS SECTIONS
79	CS-12	CROSS SECTIONS
80	CS-13	CROSS SECTIONS
81	CS-14	CROSS SECTIONS



**CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL**

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET.

BY: Ryan R. Morrison, PE, City Engineer

DATE: _____ THIS APPROVAL IS VALID FOR 18 MONTHS

90% SUBMITTAL - NOT FOR CONSTRUCTION

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VERTICAL DATUM

VERTICAL DATUM BASED ON NAVD 88 (MEAN SEA LEVEL)

HORIZONTAL DATUM

HORIZONTAL DATUM BASED ON WASHINGTON NORTH ZONE SPC NORTH AMERICAN DATUM 1983/1991 GEOCELTIC PROJECTION

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZZO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 CV-01

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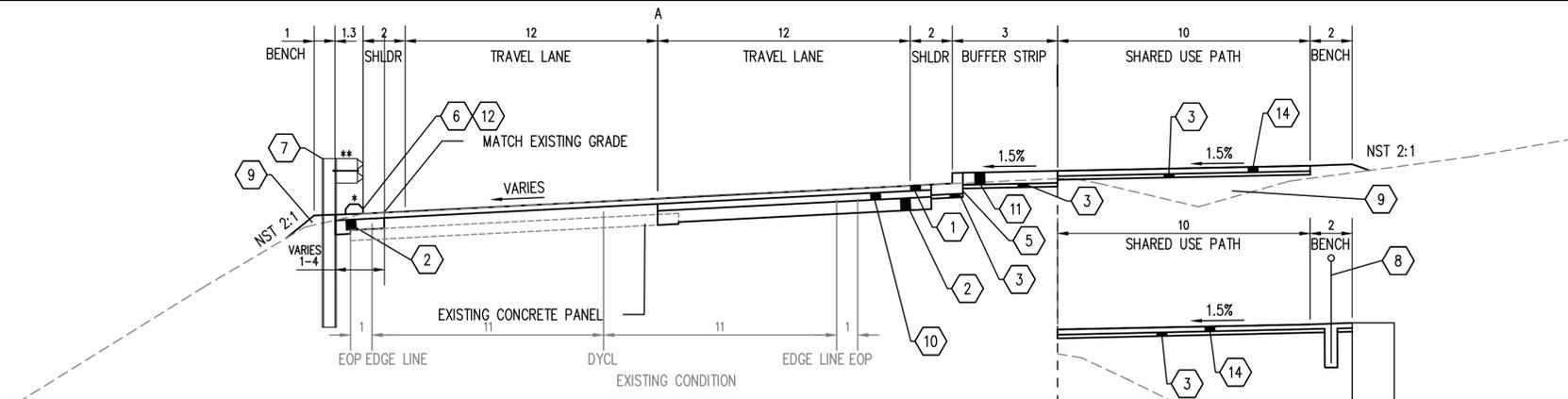
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

COVER SHEET

DRAWING No.: CV-01

SHEET No.:

01 OF 81



* EXTRUDED CURB A 11+09 TO 11+51, A 11+94 TO 16+51
 * ASPHALT THICKENED EDGE: A 11+51 TO 11+94
 ** BEAM GUARDRAIL TYPE 31 SEE PAVING SHEETS FOR LOCATIONS

- GENERAL NOTES:**
- ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS
 - NST = NO STEEPER THAN

- ROADWAY SECTION KEY NOTES:**
- 1 0.25' HMA CL. 1/2 IN. PG 58H-22.
 - 2 0.58' CRUSHED SURFACING BASE COURSE (CSBC).
 - 3 0.17' CRUSHED SURFACING TOP COURSE (CSTC).
 - 4 CEMENT CONC. SIDEWALK (PER CITY OF ARLINGTON STD DETAIL R-170)
 - 5 CEMENT CONC. TRAFFIC CURB AND GUTTER (PER CITY OF ARLINGTON STD DETAIL R-180)
 - 6 EXTRUDED CURB (PER CITY OF ARLINGTON STD DETAIL R-190)
 - 7 BEAM GUARDRAIL TYPE 31 (PER WSDOT STD PLAN C-20.10-08).
 - 8 PEDESTRIAN HANDRAIL (PER CITY OF ARLINGTON STD DETAIL R-160)
 - 9 GRAVEL BORROW INCL. HAUL
 - 10 0.33' HMA CL. 1/2 IN. PG 58H-22.
 - 11 TEXTURED CEMENT CONC. PAVEMENT
 - 12 ASPHALT THICKENED EDGE HMA CL. 1/2 IN. PG 58H-22.
 - 13 CHAIN LINK FENCE TYPE 4
 - 14 0.25' COMMERCIAL HMA
 - 15 0.50' CRUSHED SURFACING BASE COURSE (CSBC)
 - 16 2.58' QUARRY SPALLS
 - 17 HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22.

211TH PLACE NE TYPICAL SECTION A
 NTS
 STA A 10+98 TO A 16+84
 STA A 20+36 TO A 21+75

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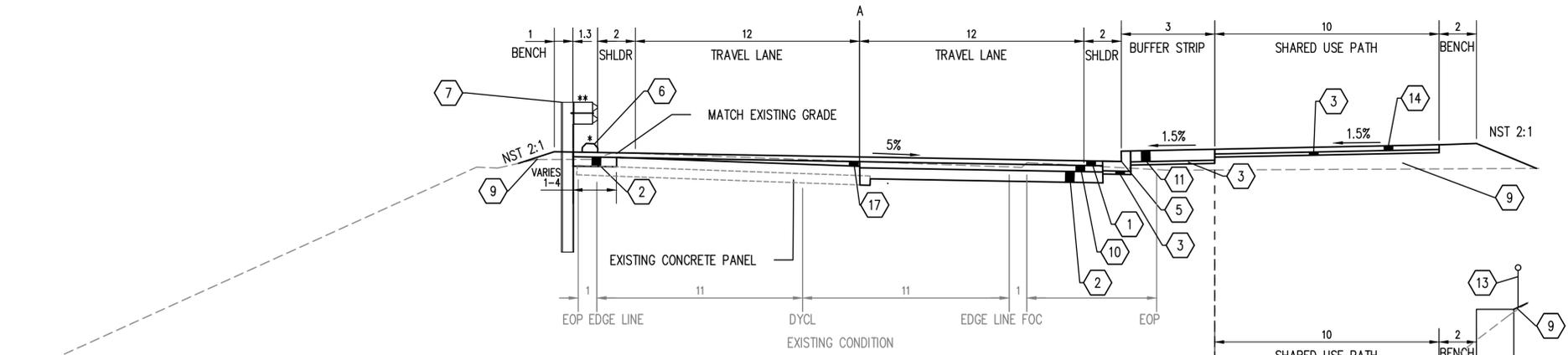
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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 TYPICAL ROADWAY SECTIONS

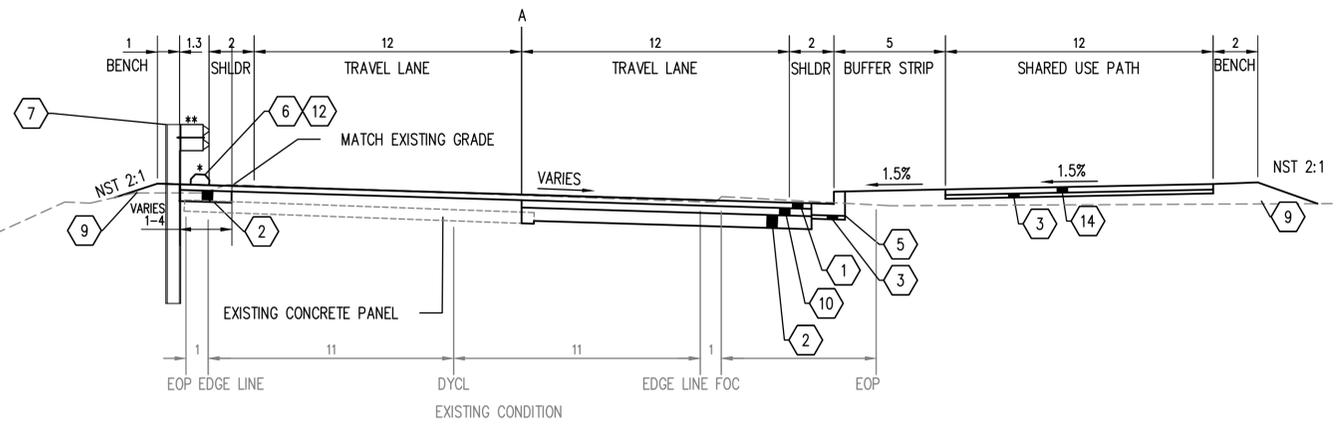
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 SHEET No.: 03 OF 81

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* EXTRUDED CURB: A 17+32 TO 19+91
 ** BEAM GUARDRAIL TYPE 31. SEE PAVING SHEETS FOR LOCATIONS

211TH PLACE NE TYPICAL SECTION B
 NTS
 STA A 16+84 TO A 20+36



* EXTRUDED CURB: A 21+00 TO 26+00
 * ASPHALT THICKENED EDGE: A 26+96 TO 27+64
 ** BEAM GUARDRAIL TYPE 31. SEE PAVING SHEETS FOR LOCATIONS

211TH PLACE NE TYPICAL SECTION C
 NTS
 STA A 21+75 TO A 27+43

- GENERAL NOTES:**
- ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS
 - NST = NO STEEPER THAN

- ROADWAY SECTION KEY NOTES:**
- ① 0.25' HMA CL. 1/2 IN. PG 58H-22.
 - ② 0.58' CRUSHED SURFACING BASE COURSE (CSBC).
 - ③ 0.17' CRUSHED SURFACING TOP COURSE (CSTC).
 - ④ CEMENT CONC. SIDEWALK (PER CITY OF ARLINGTON STD DETAIL R-170)
 - ⑤ CEMENT CONC. TRAFFIC CURB AND GUTTER (PER CITY OF ARLINGTON STD DETAIL R-180)
 - ⑥ EXTRUDED CURB (PER CITY OF ARLINGTON STD DETAIL R-190)
 - ⑦ BEAM GUARDRAIL TYPE 31 (PER WSDOT STD PLAN C-20.10-08).
 - ⑧ PEDESTRIAN HANDRAIL (PER CITY OF ARLINGTON STD DETAIL R-160)
 - ⑨ GRAVEL BORROW INCL. HAUL
 - ⑩ 0.33' HMA CL. 1/2 IN. PG 58H-22.
 - ⑪ TEXTURED CEMENT CONC. PAVEMENT
 - ⑫ ASPHALT THICKENED EDGE HMA CL. 1/2 IN. PG 58H-22.
 - ⑬ CHAIN LINK FENCE TYPE 4
 - ⑭ 0.25' COMMERCIAL HMA
 - ⑮ 0.50' CRUSHED SURFACING BASE COURSE (CSBC)
 - ⑯ 2.58' QUARRY SPALLS
 - ⑰ HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22.

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
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			D. IRELAND	_22-000884 RS-01

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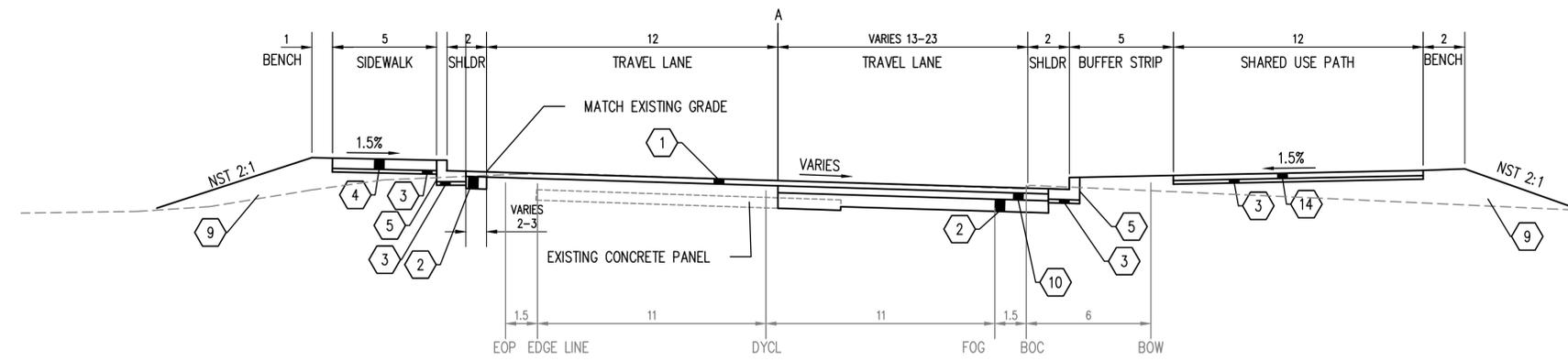
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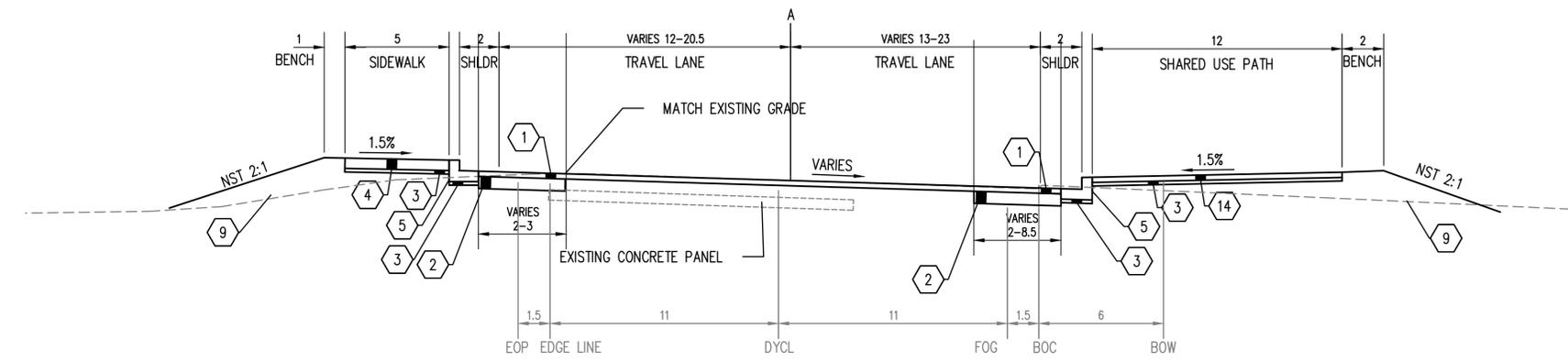
CITY OF ARLINGTON 211TH PLACE CORRIDOR IMPROVEMENT PROJECT SR-530 TO 67TH AVE NE		DRAWING No.:	XS-02
TYPICAL ROADWAY SECTIONS		SHEET No.:	04 OF 81

GENERAL NOTES:

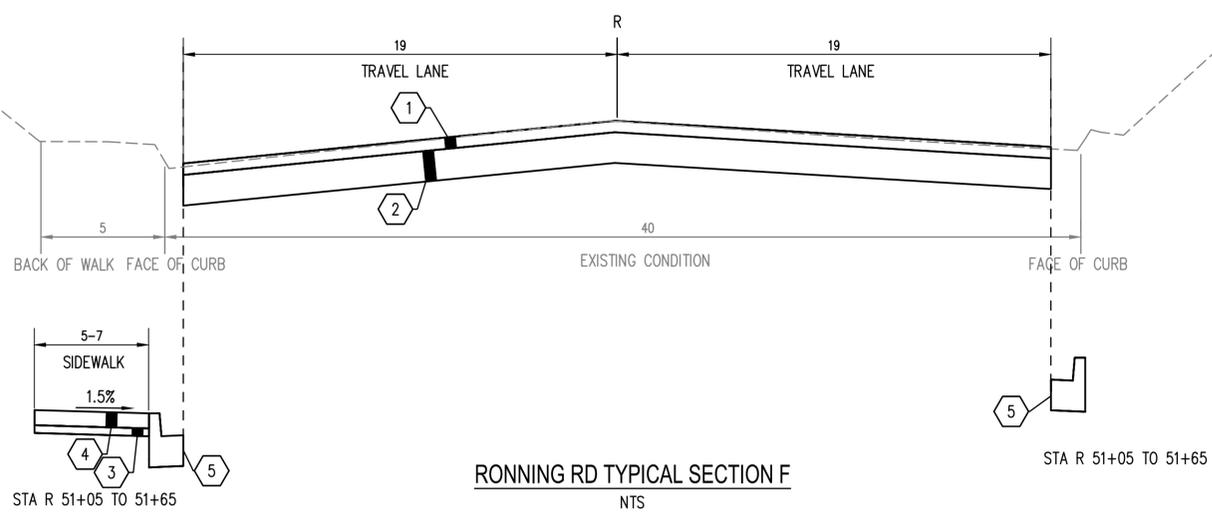
1. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS
2. NST = NO STEEPER THAN



EXISTING CONDITION
211TH PLACE NE TYPICAL SECTION D
 NTS
 STA A 27+43 TO A 29+15



EXISTING CONDITION
211TH PLACE NE TYPICAL SECTION E
 NTS
 STA A 29+15 TO A 30+95



EXISTING CONDITION
RONNING RD TYPICAL SECTION F
 NTS
 STA R 50+70 TO R 51+65

ROADWAY SECTION KEY NOTES:

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- 13 CHAIN LINK FENCE TYPE 4
- 14 0.25' COMMERCIAL HMA
- 15 0.50' CRUSHED SURFACING BASE COURSE (CSBC)
- 16 2.58' QUARRY SPALLS
- 17 HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22.

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZZO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 RS-01

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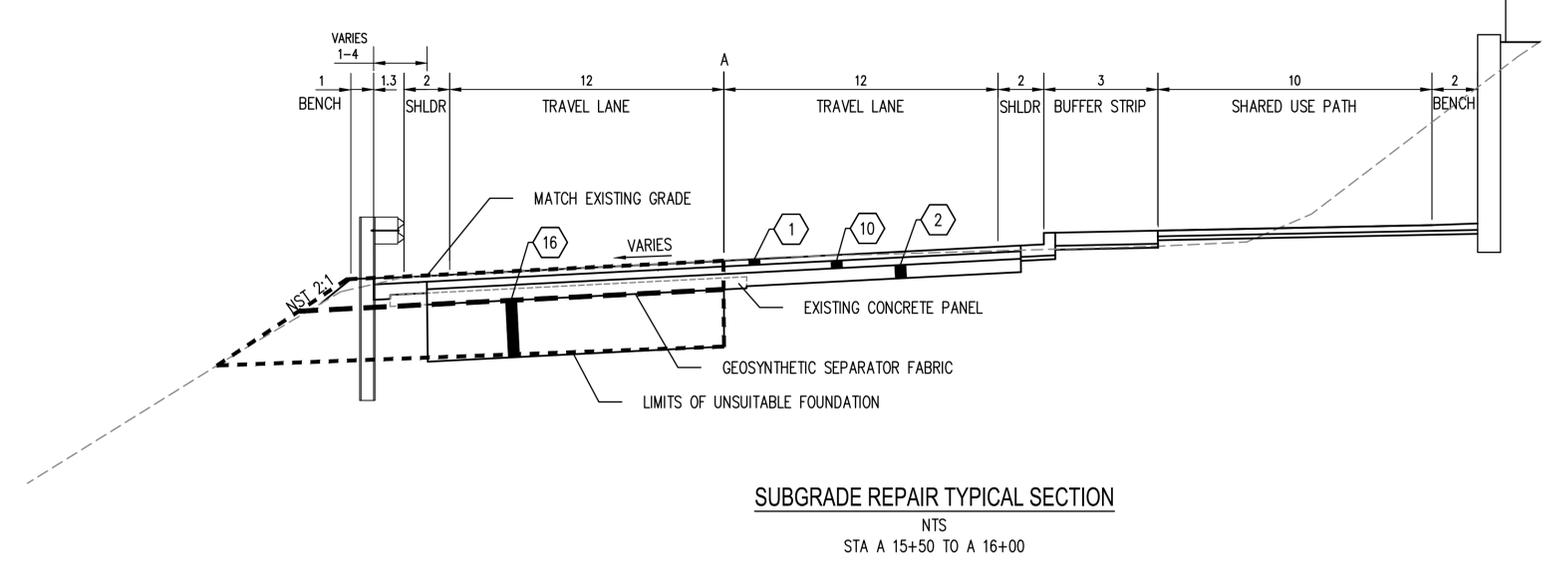
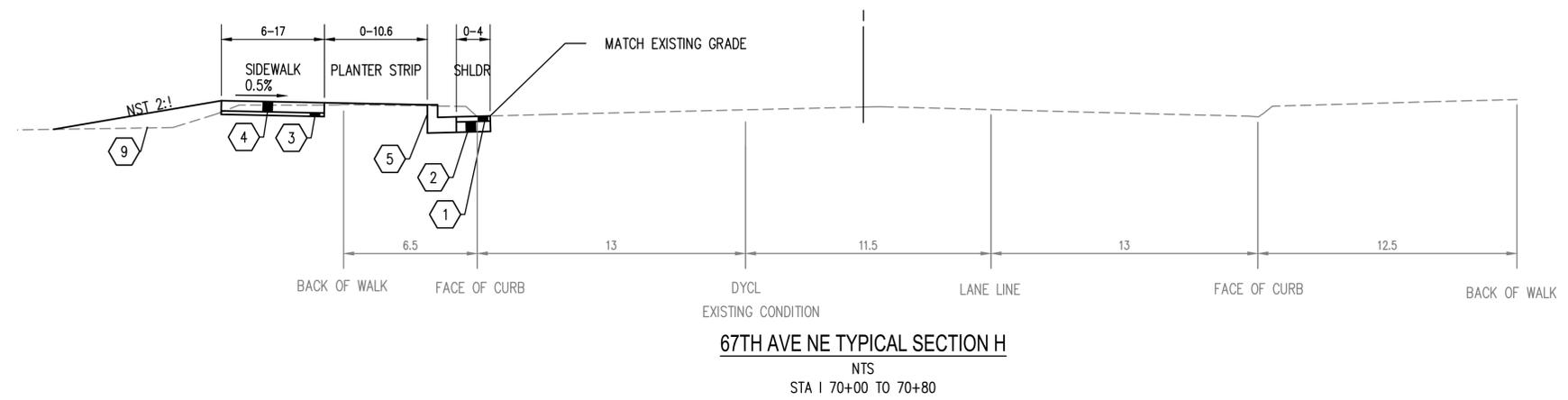
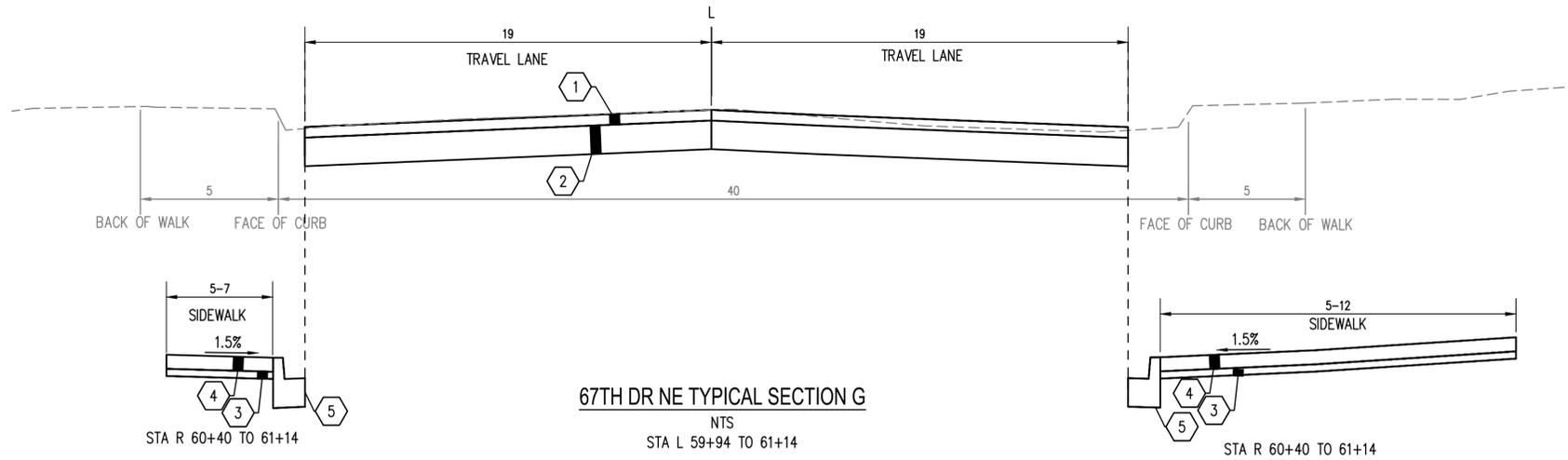


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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
TYPICAL ROADWAY SECTIONS

DRAWING No.: XS-03
 SHEET No.: 05 OF 81



- GENERAL NOTES:**
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 - 16 2.58' QUARRY SPALLS
 - 17 HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22.

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 RS-01

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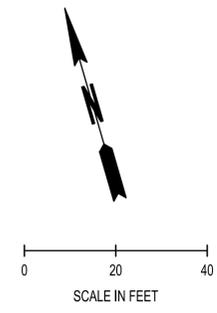
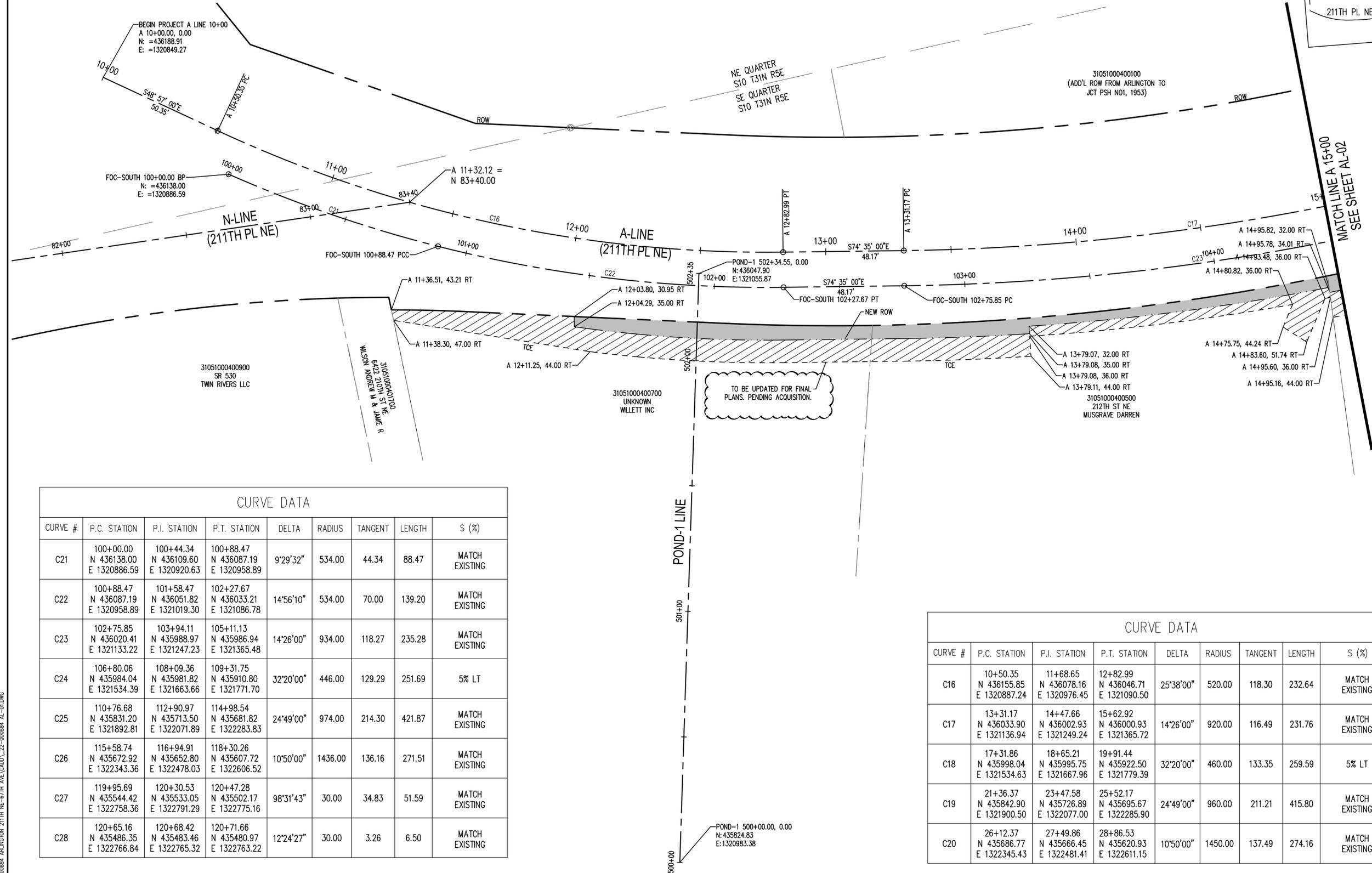
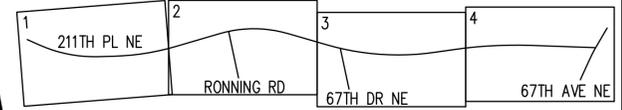
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

TYPICAL ROADWAY SECTIONS

DRAWING No.: XS-04
SHEET No.: 06 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



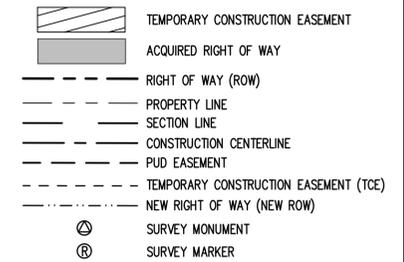
CURVE DATA								
CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C21	100+00.00 N 436138.00 E 1320886.59	100+44.34 N 436109.60 E 1320920.63	100+88.47 N 436087.19 E 1320958.89	9°29'32"	534.00	44.34	88.47	MATCH EXISTING
C22	100+88.47 N 436087.19 E 1320958.89	101+58.47 N 436051.82 E 1321019.30	102+27.67 N 436033.21 E 1321086.78	14°56'10"	534.00	70.00	139.20	MATCH EXISTING
C23	102+75.85 N 436020.41 E 1321133.22	103+94.11 N 435988.97 E 1321247.23	105+11.13 N 435986.94 E 1321365.48	14°26'00"	934.00	118.27	235.28	MATCH EXISTING
C24	106+80.06 N 435984.04 E 1321534.39	108+09.36 N 435981.82 E 1321663.66	109+31.75 N 435910.80 E 1321771.70	32°20'00"	446.00	129.29	251.69	5% LT
C25	110+76.68 N 435831.20 E 1321892.81	112+90.97 N 435713.50 E 1322071.89	114+98.54 N 435681.82 E 1322283.83	24°49'00"	974.00	214.30	421.87	MATCH EXISTING
C26	115+58.74 N 435672.92 E 1322343.36	116+94.91 N 435652.80 E 1322478.03	118+30.26 N 435607.72 E 1322606.52	10°50'00"	1436.00	136.16	271.51	MATCH EXISTING
C27	119+95.69 N 435544.42 E 1322758.36	120+30.53 N 435533.05 E 1322791.29	120+47.28 N 435502.17 E 1322775.16	98°31'43"	30.00	34.83	51.59	MATCH EXISTING
C28	120+65.16 N 435486.35 E 1322766.84	120+68.42 N 435483.46 E 1322765.32	120+71.66 N 435480.97 E 1322763.22	12°24'27"	30.00	3.26	6.50	MATCH EXISTING

CURVE DATA								
CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C16	10+50.35 N 436155.85 E 1320887.24	11+68.65 N 436078.16 E 1320976.45	12+82.99 N 436046.71 E 1321090.50	25°38'00"	520.00	118.30	232.64	MATCH EXISTING
C17	13+31.17 N 436033.90 E 1321136.94	14+47.66 N 436002.93 E 1321249.24	15+62.92 N 435990.93 E 1321365.72	14°26'00"	920.00	116.49	231.76	MATCH EXISTING
C18	17+31.86 N 435998.04 E 1321534.63	18+65.21 N 435995.75 E 1321667.96	19+91.44 N 435922.50 E 1321779.39	32°20'00"	460.00	133.35	259.59	5% LT
C19	21+36.37 N 435842.90 E 1321900.50	23+47.58 N 435726.89 E 1322077.00	25+52.17 N 435695.67 E 1322285.90	24°49'00"	960.00	211.21	415.80	MATCH EXISTING
C20	26+12.37 N 435686.77 E 1322345.43	27+49.86 N 435666.45 E 1322481.41	28+86.53 N 435620.93 E 1322611.15	10°50'00"	1450.00	137.49	274.16	MATCH EXISTING

NOTES

- SEE BASIS OF BEARING ON CV-0, UNLESS OTHERWISE NOTED

ALIGNMENT LEGEND



REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 AL-01

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SR-530 TO 67TH AVE NE
ALIGNMENT AND RIGHT OF WAY PLAN

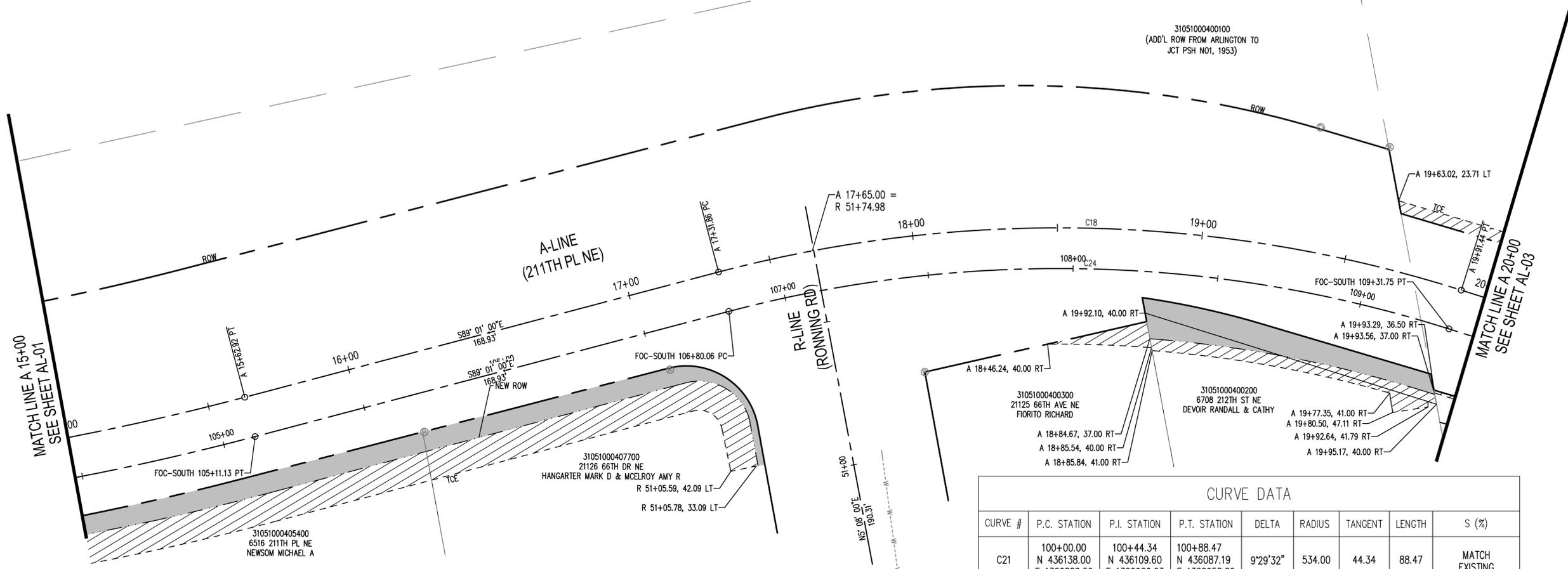
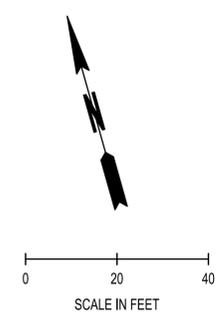
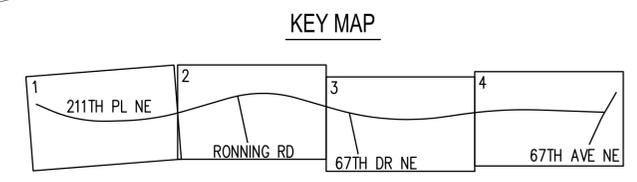
DRAWING No.: AL-01
SHEET No.: 07 OF 81

Jan 19, 2024 4:50:03pm User: mofield\jared
 PROJECTS\SR530 CITY OF ARLINGTON\211TH PL NE-67TH AVE (ROAD)_22-000884 AL-01.DWG

SECTION 10/11, T. 31 N., R. 5 E., W.M.

NE QUARTER S10 T31N R5E
 SE QUARTER S10 T31N R5E
 NW QUARTER S11 T31N R5E
 SW QUARTER S11 T31N R5E

A 19+25.70, 130.02LT
 N: =436072.29
 E: =1321777.28



CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C16	10+50.35 N 436155.85 E 1320887.24	11+68.65 N 436078.16 E 1320976.45	12+82.99 N 436046.71 E 1321090.50	25°38'00"	520.00	118.30	232.64	MATCH EXISTING
C17	13+31.17 N 436033.90 E 1321136.94	14+47.66 N 436002.93 E 1321249.24	15+62.92 N 436000.93 E 1321365.72	14°26'00"	920.00	116.49	231.76	MATCH EXISTING
C18	17+31.86 N 435998.04 E 1321534.63	18+65.21 N 435995.75 E 1321667.96	19+91.44 N 435922.50 E 1321779.39	32°20'00"	460.00	133.35	259.59	5% LT
C19	21+36.37 N 435842.90 E 1321900.50	23+47.58 N 435726.89 E 1322077.00	25+52.17 N 435695.67 E 1322285.90	24°49'00"	960.00	211.21	415.80	MATCH EXISTING
C20	26+12.37 N 435686.77 E 1322345.43	27+49.86 N 435666.45 E 1322481.41	28+86.53 N 435620.93 E 1322611.15	10°50'00"	1450.00	137.49	274.16	MATCH EXISTING

CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C21	100+00.00 N 436138.00 E 1320886.59	100+44.34 N 436109.60 E 1320920.63	100+88.47 N 436087.19 E 1320958.89	9°29'32"	534.00	44.34	88.47	MATCH EXISTING
C22	100+88.47 N 436087.19 E 1320958.89	101+58.47 N 436051.82 E 1321019.30	102+27.67 N 436033.21 E 1321086.78	14°56'10"	534.00	70.00	139.20	MATCH EXISTING
C23	102+75.85 N 436020.41 E 1321133.22	103+94.11 N 435988.97 E 1321247.23	105+11.13 N 435986.94 E 1321365.48	14°26'00"	934.00	118.27	235.28	MATCH EXISTING
C24	106+80.06 N 435984.04 E 1321534.39	108+09.36 N 435981.82 E 1321663.66	109+31.75 N 435910.80 E 1321771.70	32°20'00"	446.00	129.29	251.69	5% LT
C25	110+76.68 N 435831.20 E 1321892.81	112+90.97 N 435713.50 E 1322071.89	114+98.54 N 435681.82 E 1322283.83	24°49'00"	974.00	214.30	421.87	MATCH EXISTING
C26	115+58.74 N 435672.92 E 1322343.36	116+94.91 N 435652.80 E 1322478.03	118+30.26 N 435607.72 E 1322606.52	10°50'00"	1436.00	136.16	271.51	MATCH EXISTING
C27	119+95.69 N 435544.42 E 1322758.36	120+30.53 N 435533.05 E 1322791.29	120+47.28 N 435502.17 E 1322775.16	98°31'43"	30.00	34.83	51.59	MATCH EXISTING
C28	120+65.16 N 435486.35 E 1322766.84	120+68.42 N 435483.46 E 1322765.32	120+71.66 N 435480.97 E 1322763.22	12°24'27"	30.00	3.26	6.50	MATCH EXISTING

- NOTES**
- SEE BASIS OF BEARING ON CV-0, UNLESS OTHERWISE NOTED
- ALIGNMENT LEGEND**
- TEMPORARY CONSTRUCTION EASEMENT
 - ACQUIRED RIGHT OF WAY
 - RIGHT OF WAY (ROW)
 - PROPERTY LINE
 - SECTION LINE
 - CONSTRUCTION CENTERLINE
 - PUD EASEMENT
 - TEMPORARY CONSTRUCTION EASEMENT (TCE)
 - NEW RIGHT OF WAY (NEW ROW)
 - SURVEY MONUMENT
 - SURVEY MARKER

Jan 19, 2024 4:50:17pm User: mdelaney\bradley
 PROJECTS\6659 CITY OF ARLINGTON\22-000884 ARLINGTON 211TH NE-67TH AVE (ROAD)_22-000884 AL-01.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 AL-01

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 CONSULTING SERVICES

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CITY OF ARLINGTON

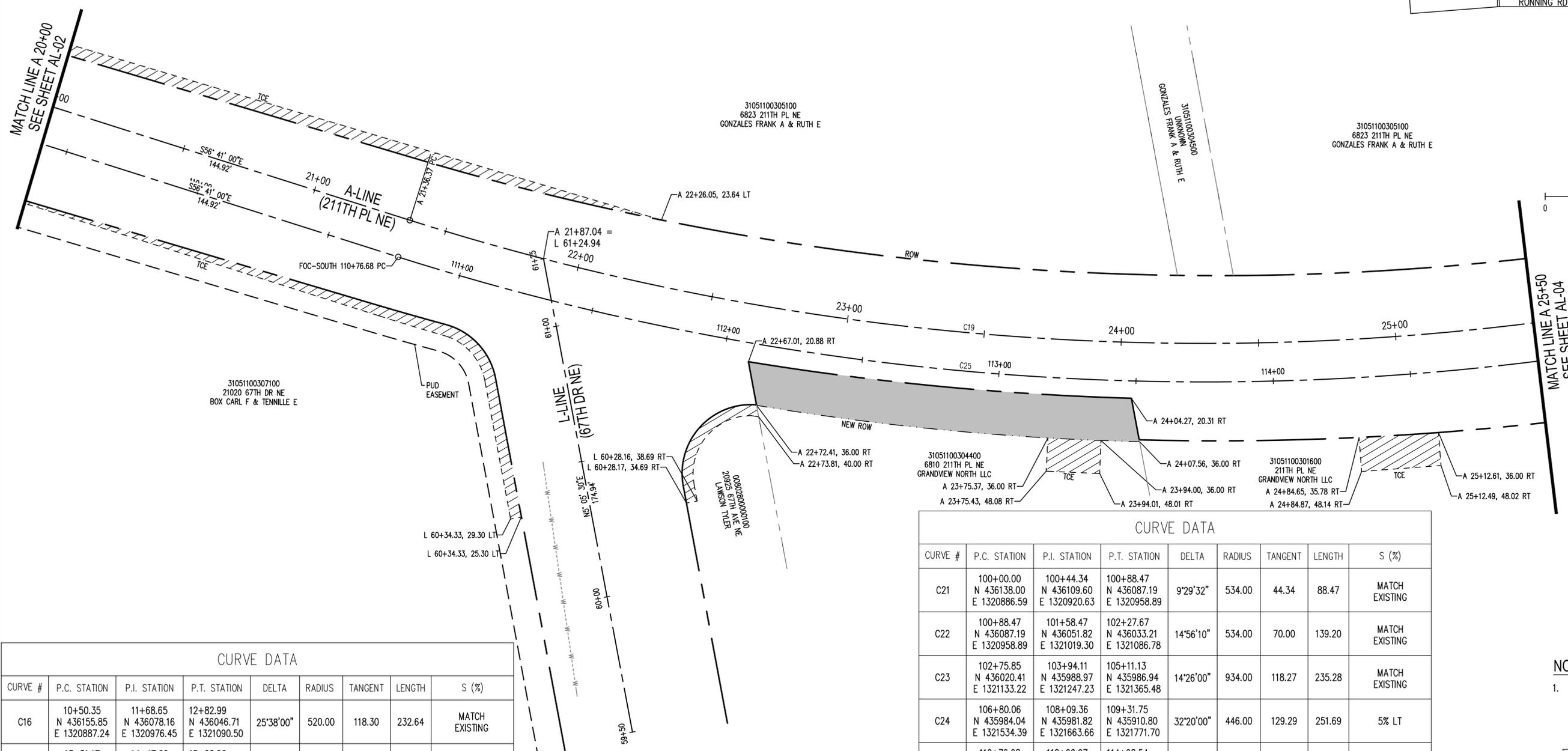
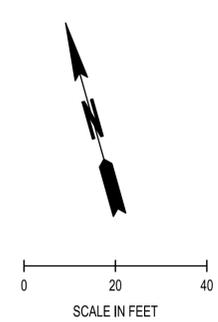
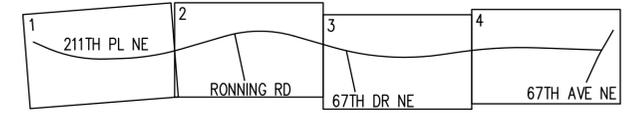
CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE

ALIGNMENT AND RIGHT OF WAY PLAN

DRAWING No.: AL-02
 SHEET No.: 08 OF 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.

KEY MAP



CURVE DATA

CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C16	10+50.35 N 436155.85 E 1320887.24	11+68.65 N 436078.16 E 1320976.45	12+82.99 N 436046.71 E 1321090.50	25°38'00"	520.00	118.30	232.64	MATCH EXISTING
C17	13+31.17 N 436033.90 E 1321136.94	14+47.66 N 436002.93 E 1321249.24	15+62.92 N 436000.93 E 1321365.72	14°26'00"	920.00	116.49	231.76	MATCH EXISTING
C18	17+31.86 N 435998.04 E 1321534.63	18+65.21 N 435995.75 E 1321667.96	19+91.44 N 435922.50 E 1321779.39	32°20'00"	460.00	133.35	259.59	5% LT
C19	21+36.37 N 435842.90 E 1321900.50	23+47.58 N 435726.89 E 1322077.00	25+52.17 N 435695.67 E 1322285.90	24°49'00"	960.00	211.21	415.80	MATCH EXISTING
C20	26+12.37 N 435686.77 E 1322345.43	27+49.86 N 435666.45 E 1322481.41	28+86.53 N 435620.93 E 1322611.15	10°50'00"	1450.00	137.49	274.16	MATCH EXISTING

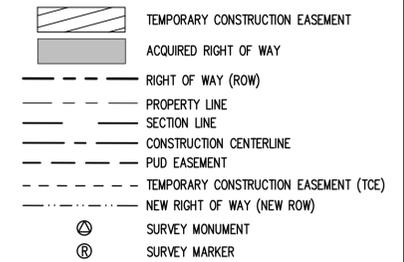
CURVE DATA

CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C21	100+00.00 N 436138.00 E 1320886.59	100+44.34 N 436109.60 E 1320920.63	100+88.47 N 436087.19 E 1320958.89	9°29'32"	534.00	44.34	88.47	MATCH EXISTING
C22	100+88.47 N 436087.19 E 1320958.89	101+58.47 N 436051.82 E 1321019.30	102+27.67 N 436033.21 E 1321086.78	14°56'10"	534.00	70.00	139.20	MATCH EXISTING
C23	102+75.85 N 436020.41 E 1321133.22	103+94.11 N 435988.97 E 1321247.23	105+11.13 N 435986.94 E 1321365.48	14°26'00"	934.00	118.27	235.28	MATCH EXISTING
C24	106+80.06 N 435984.04 E 1321534.39	108+09.36 N 435981.82 E 1321663.66	109+31.75 N 435910.80 E 1321771.70	32°20'00"	446.00	129.29	251.69	5% LT
C25	110+76.68 N 435831.20 E 1322078.81	112+90.97 N 435713.50 E 1322071.89	114+98.54 N 435681.82 E 1322283.83	24°49'00"	974.00	214.30	421.87	MATCH EXISTING
C26	115+58.74 N 435672.92 E 1322343.36	116+94.91 N 435652.80 E 1322478.03	118+30.26 N 435607.72 E 1322606.52	10°50'00"	1436.00	136.16	271.51	MATCH EXISTING
C27	119+95.69 N 435544.42 E 1322758.36	120+30.53 N 435533.05 E 1322791.29	120+47.28 N 435502.17 E 1322775.16	98°31'43"	30.00	34.83	51.59	MATCH EXISTING
C28	120+65.16 N 435486.35 E 1322766.84	120+68.42 N 435483.46 E 1322765.32	120+71.66 N 435480.97 E 1322763.22	12°24'27"	30.00	3.26	6.50	MATCH EXISTING

NOTES

- SEE BASIS OF BEARING ON CV-0, UNLESS OTHERWISE NOTED

ALIGNMENT LEGEND



Jan 19, 2024 4:50:20pm User: mof...
 PROJECTS\BIDD CITY OF ARLINGTON\211TH_NE-67TH_AVE_CADD\22-000884_AL-03.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZZO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 AL-01

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8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
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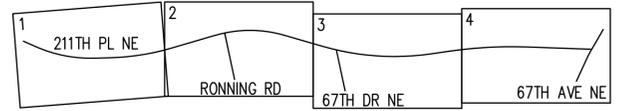
CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE

ALIGNMENT AND RIGHT OF WAY PLAN

DRAWING No.: AL-03
 SHEET No.: 09 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

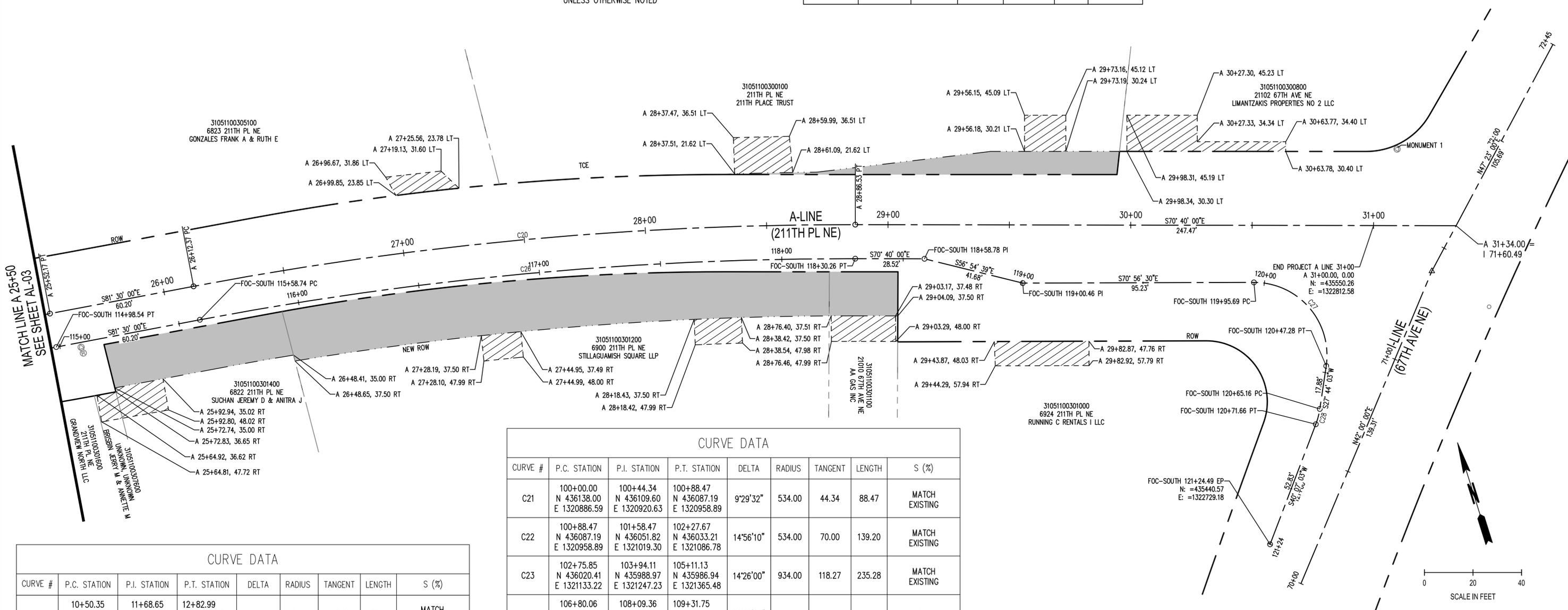
KEY MAP



NOTES

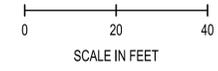
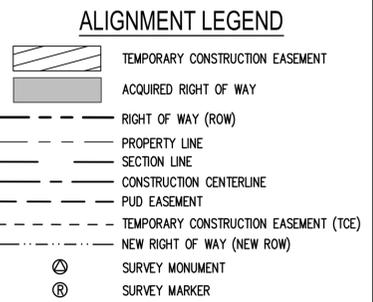
- SEE BASIS OF BEARING ON CV-0, UNLESS OTHERWISE NOTED

MONUMENT TABLE						
PT #	STATION	OFFSET	NORTHING	EASTING	ELEV	DESCRIPTION
MONUMENT 1	A 31+09.67	32.06 LT	435577.31	1322832.32	105.49	PORTAGE



CURVE DATA								
CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C21	100+00.00 N 436138.00 E 1320886.59	100+44.34 N 436109.60 E 1320920.63	100+88.47 N 436087.19 E 1320958.89	9°29'32"	534.00	44.34	88.47	MATCH EXISTING
C22	100+88.47 N 436087.19 E 1320958.89	101+58.47 N 436051.82 E 1321019.30	102+27.67 N 436033.21 E 1321086.78	14°56'10"	534.00	70.00	139.20	MATCH EXISTING
C23	102+75.85 N 436020.41 E 1321133.22	103+94.11 N 435988.97 E 1321247.23	105+11.13 N 435986.94 E 1321365.48	14°26'00"	934.00	118.27	235.28	MATCH EXISTING
C24	106+80.06 N 435984.04 E 1321534.39	108+09.36 N 435981.82 E 1321663.66	109+31.75 N 435910.80 E 1321771.70	32°20'00"	446.00	129.29	251.69	5% LT
C25	110+76.68 N 435831.20 E 1321892.81	112+90.97 N 435713.50 E 1322071.89	114+98.54 N 435681.82 E 1322283.83	24°49'00"	974.00	214.30	421.87	MATCH EXISTING
C26	115+58.74 N 435672.92 E 1322343.36	116+94.91 N 435652.80 E 1322478.03	118+30.26 N 435607.72 E 1322606.52	10°50'00"	1436.00	136.16	271.51	MATCH EXISTING
C27	119+95.69 N 435544.42 E 1322758.36	120+30.53 N 435533.05 E 1322791.29	120+47.28 N 435502.17 E 1322775.16	98°31'43"	30.00	34.83	51.59	MATCH EXISTING
C28	120+65.16 N 435486.35 E 1322766.84	120+68.42 N 435483.46 E 1322765.32	120+71.66 N 435480.97 E 1322763.22	12°24'27"	30.00	3.26	6.50	MATCH EXISTING

CURVE DATA								
CURVE #	P.C. STATION	P.I. STATION	P.T. STATION	DELTA	RADIUS	TANGENT	LENGTH	S (%)
C16	10+50.35 N 436155.85 E 1320887.24	11+68.65 N 436078.16 E 1320976.45	12+82.99 N 436046.71 E 1321090.50	25°38'00"	520.00	118.30	232.64	MATCH EXISTING
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C18	17+31.86 N 435998.04 E 1321534.63	18+65.21 N 435995.75 E 1321667.96	19+91.44 N 435922.50 E 1321779.39	32°20'00"	460.00	133.35	259.59	5% LT
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C20	26+12.37 N 435686.77 E 1322345.43	27+49.86 N 435666.45 E 1322481.41	28+86.53 N 435620.93 E 1322611.15	10°50'00"	1450.00	137.49	274.16	MATCH EXISTING



Jan 19, 2024 4:50:59pm User: mofield, hofeld
 PROJECTS \6884 CITY OF ARLINGTON\211TH PL NE-67TH AVE (A04)_22-00884 AL-04.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZZO	22-00884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-00884 AL-01

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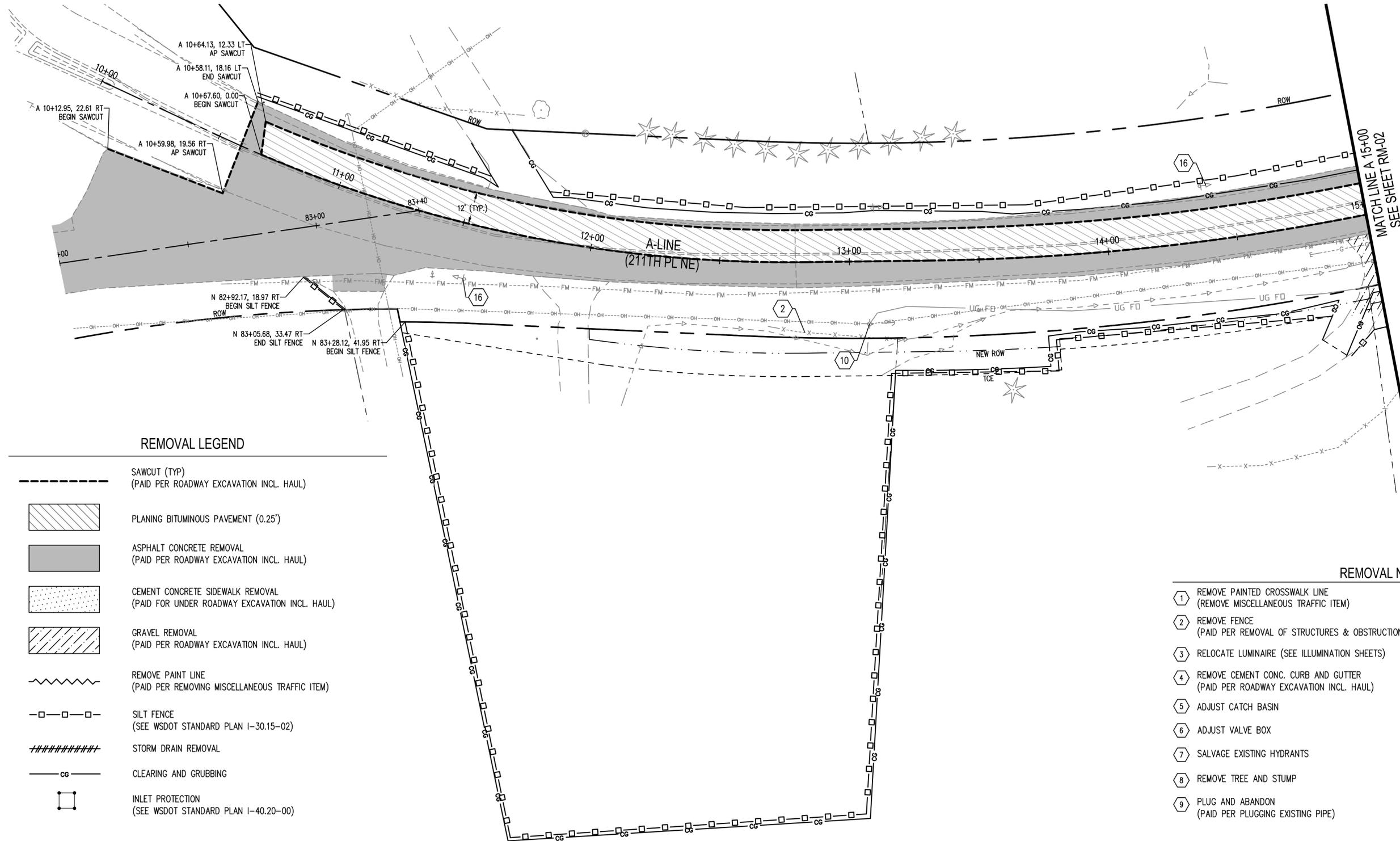
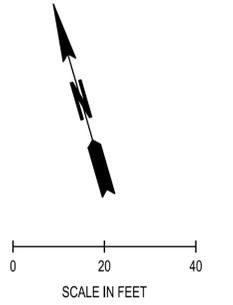


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 ALIGNMENT AND RIGHT OF WAY PLAN

DRAWING No.:	AL-04
SHEET No.:	10 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



REMOVAL LEGEND

- SAWCUT (TYP)
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- PLANING BITUMINOUS PAVEMENT (0.25')
- ASPHALT CONCRETE REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- CEMENT CONCRETE SIDEWALK REMOVAL
(PAID FOR UNDER ROADWAY EXCAVATION INCL. HAUL)
- GRAVEL REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- REMOVE PAINT LINE
(PAID PER REMOVING MISCELLANEOUS TRAFFIC ITEM)
- SILT FENCE
(SEE WSDOT STANDARD PLAN I-30.15-02)
- STORM DRAIN REMOVAL
- CLEARING AND GRUBBING
- INLET PROTECTION
(SEE WSDOT STANDARD PLAN I-40.20-00)

REMOVAL NOTES

- 1 REMOVE PAINTED CROSSWALK LINE
(REMOVE MISCELLANEOUS TRAFFIC ITEM)
- 2 REMOVE FENCE
(PAID PER REMOVAL OF STRUCTURES & OBSTRUCTIONS)
- 3 RELOCATE LUMINAIRE (SEE ILLUMINATION SHEETS)
- 4 REMOVE CEMENT CONC. CURB AND GUTTER
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- 5 ADJUST CATCH BASIN
- 6 ADJUST VALVE BOX
- 7 SALVAGE EXISTING HYDRANTS
- 8 REMOVE TREE AND STUMP
- 9 PLUG AND ABANDON
(PAID PER PLUGGING EXISTING PIPE)
- 10 ADJUST UTILITY POLE (BY OTHERS)
- 11 REMOVE EXISTING CATCH BASIN
- 12 PROTECT EXISTING BOLLARD
- 13 REMOVE EXISTING CONC. CULVERT (8' DIAM.)
- 14 REMOVE PLASTIC TRAFFIC MARKING
(REMOVE MISCELLANEOUS TRAFFIC ITEM)
- 15 ABANDON IN PLACE
- 16 SEE CHAN PLAN FOR SIGN REMOVAL/RELOCATION
- 17 REMOVE EXISTING BOLLARD

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 PROJECTS\0884_CITY OF ARLINGTON\211TH NE-67TH AVE\CADD\22-000884_RM-01.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884_RM-01

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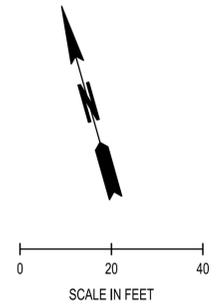
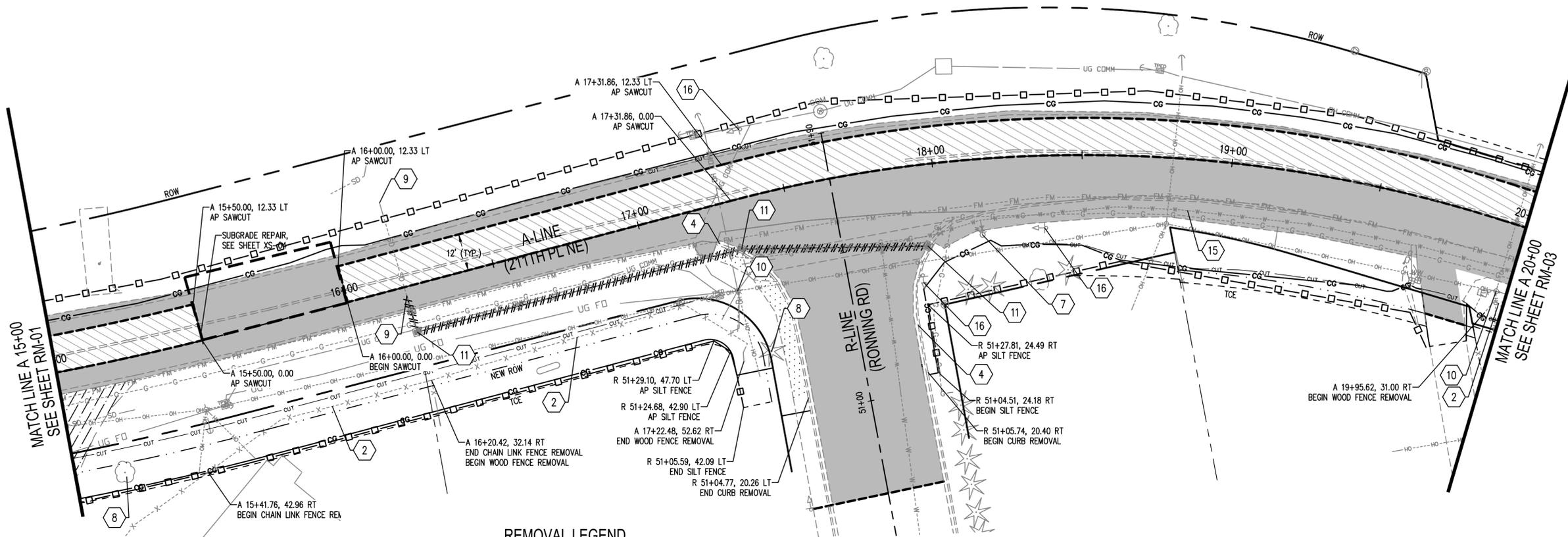


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
REMOVAL AND TESC PLAN

DRAWING No.: RM-01
SHEET No.: 11 OF 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.

KEY MAP



REMOVAL LEGEND

- SAWCUT (TYP)
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- PLANING BITUMINOUS PAVEMENT (0.25')
- ASPHALT CONCRETE REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- CEMENT CONCRETE SIDEWALK REMOVAL
(PAID FOR UNDER ROADWAY EXCAVATION INCL. HAUL)
- GRAVEL REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- REMOVE PAINT LINE
(PAID PER REMOVING MISCELLANEOUS TRAFFIC ITEM)
- SILT FENCE
(SEE WSDOT STANDARD PLAN I-30.15-02)
- STORM DRAIN REMOVAL
- CLEARING AND GRUBBING
- INLET PROTECTION
(SEE WSDOT STANDARD PLAN I-40.20-00)

REMOVAL NOTES

- 1 REMOVE PAINTED CROSSWALK LINE
(REMOVE MISCELLANEOUS TRAFFIC ITEM)
- 2 REMOVE FENCE
(PAID PER REMOVAL OF STRUCTURES & OBSTRUCTIONS)
- 3 RELOCATE LUMINAIRE (SEE ILLUMINATION SHEETS)
- 4 REMOVE CEMENT CONC. CURB AND GUTTER
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- 5 ADJUST CATCH BASIN
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- 7 SALVAGE EXISTING HYDRANTS
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(REMOVE MISCELLANEOUS TRAFFIC ITEM)
- 15 ABANDON IN PLACE
- 16 SEE CHAN PLAN FOR SIGN REMOVAL/RELOCATION
- 17 REMOVE EXISTING BOLLARD

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884_RM-01

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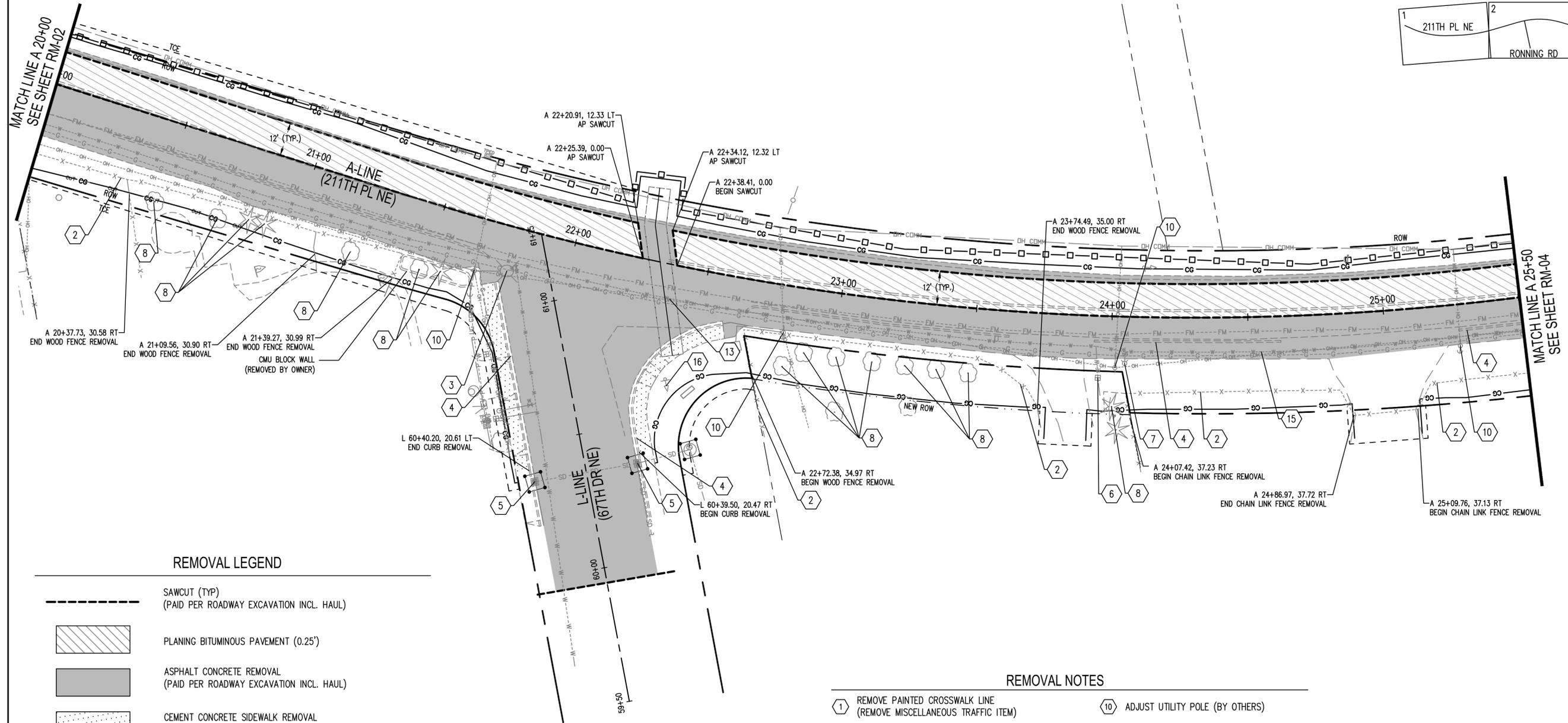
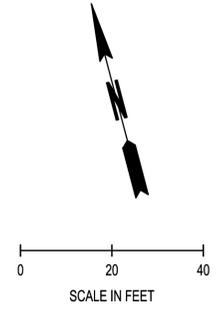
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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 REMOVAL AND TESC PLAN

DRAWING No.: RM-02
 SHEET No.: 12 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP



REMOVAL LEGEND

- SAWCUT (TYP)
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- PLANING BITUMINOUS PAVEMENT (0.25')
- ASPHALT CONCRETE REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- CEMENT CONCRETE SIDEWALK REMOVAL
(PAID FOR UNDER ROADWAY EXCAVATION INCL. HAUL)
- GRAVEL REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- REMOVE PAINT LINE
(PAID PER REMOVING MISCELLANEOUS TRAFFIC ITEM)
- SILT FENCE
(SEE WSDOT STANDARD PLAN I-30.15-02)
- STORM DRAIN REMOVAL
- CLEARING AND GRUBBING
- INLET PROTECTION
(SEE WSDOT STANDARD PLAN I-40.20-00)

REMOVAL NOTES

- 1 REMOVE PAINTED CROSSWALK LINE
(REMOVE MISCELLANEOUS TRAFFIC ITEM)
- 2 REMOVE FENCE
(PAID PER REMOVAL OF STRUCTURES & OBSTRUCTIONS)
- 3 RELOCATE LUMINAIRE (SEE ILLUMINATION SHEETS)
- 4 REMOVE CEMENT CONC. CURB AND GUTTER
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- 5 ADJUST CATCH BASIN
- 6 ADJUST VALVE BOX
- 7 SALVAGE EXISTING HYDRANTS
- 8 REMOVE TREE AND STUMP
- 9 PLUG AND ABANDON
(PAID PER PLUGGING EXISTING PIPE)
- 10 ADJUST UTILITY POLE (BY OTHERS)
- 11 REMOVE EXISTING CATCH BASIN
- 12 PROTECT EXISTING BOLLARD
- 13 REMOVE EXISTING CONC. CULVERT (8' DIAM.)
- 14 REMOVE PLASTIC TRAFFIC MARKING
(REMOVE MISCELLANEOUS TRAFFIC ITEM)
- 15 ABANDON IN PLACE
- 16 SEE CHAN PLAN FOR SIGN REMOVAL/RELOCATION
- 17 REMOVE EXISTING BOLLARD

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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 RM-01

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CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

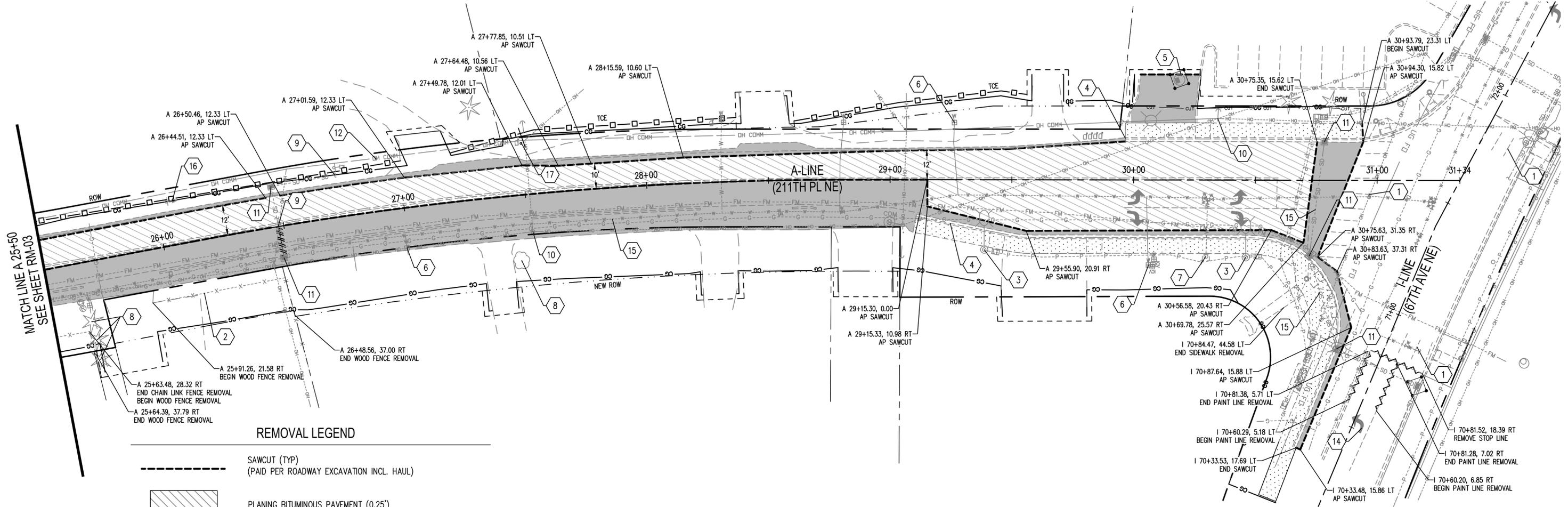
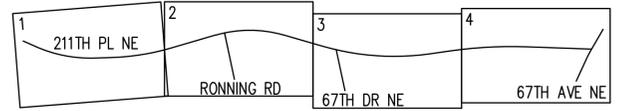
REMOVAL AND TESC PLAN

DRAWING No.:
RM-03

SHEET No.:
13 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP

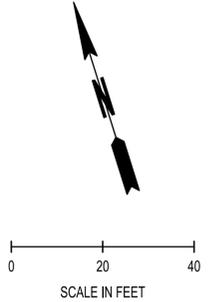


REMOVAL LEGEND

- SAWCUT (TYP)
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- PLANING BITUMINOUS PAVEMENT (0.25')
- ASPHALT CONCRETE REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- CEMENT CONCRETE SIDEWALK REMOVAL
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- GRAVEL REMOVAL
(PAID PER ROADWAY EXCAVATION INCL. HAUL)
- REMOVE PAINT LINE
(PAID PER REMOVING MISCELLANEOUS TRAFFIC ITEM)
- SILT FENCE
(SEE WSDOT STANDARD PLAN I-30.15-02)
- STORM DRAIN REMOVAL
- CLEARING AND GRUBBING
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(SEE WSDOT STANDARD PLAN I-40.20-00)

REMOVAL NOTES

- 1 REMOVE PAINTED CROSSWALK LINE
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- 14 REMOVE PLASTIC TRAFFIC MARKING
(REMOVE MISCELLANEOUS TRAFFIC ITEM)
- 15 ABANDON IN PLACE
- 16 SEE CHAN PLAN FOR SIGN REMOVAL/RELOCATION
- 17 REMOVE EXISTING BOLLARD



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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			DeAnn M. Young	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884_RM-01

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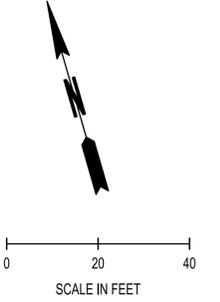
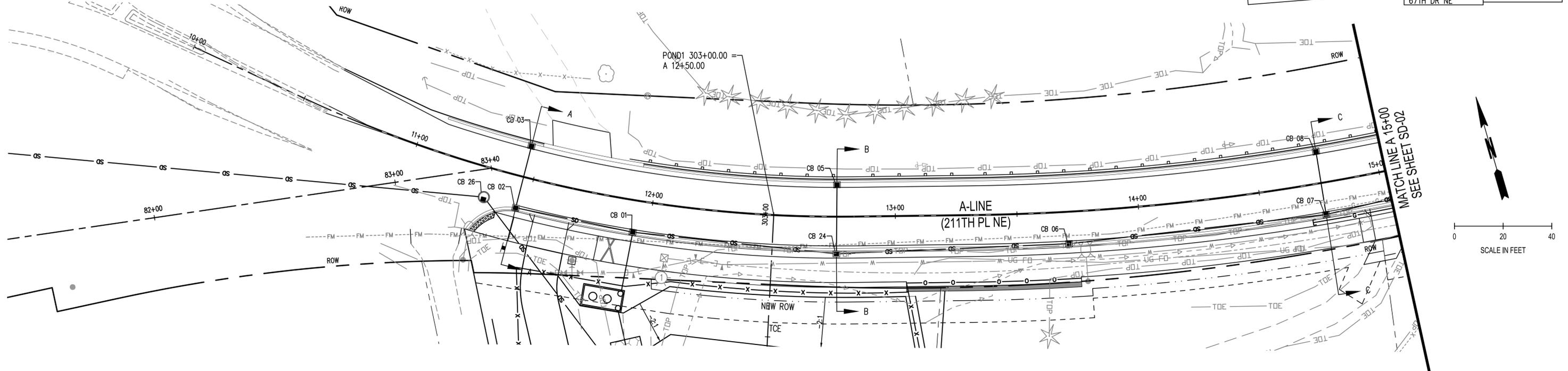
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

REMOVAL AND TESC PLAN

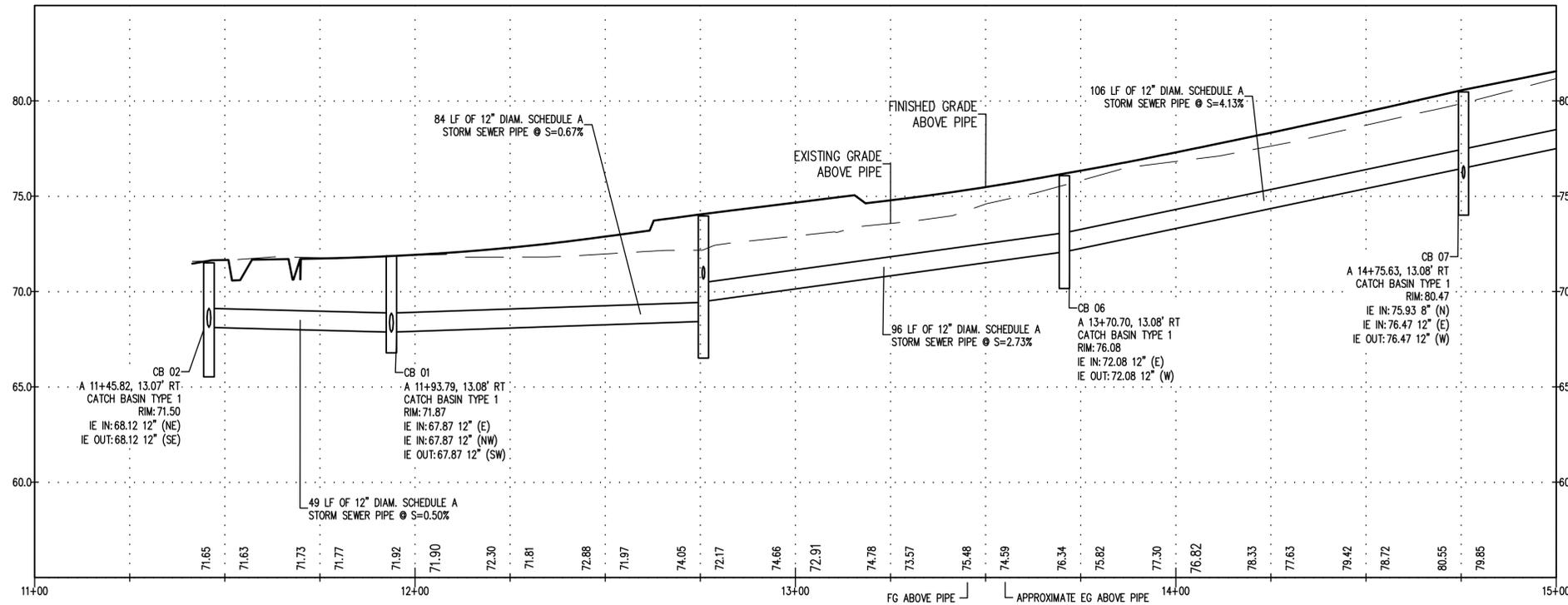
DRAWING No.: RM-04
SHEET No.: 14 OF 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.

KEY MAP



A PROFILE



LEGEND

- SD---SD---SD--- EXISTING STORM PIPE
- ##### STORM PIPE REMOVAL
- EXISTING CATCH BASIN
- SD— STORM PIPE
- CATCH BASIN TYPE 1 CONCRETE INLET PER CITY OF ARLINGTON DETAIL SD-020
- CATCH BASIN TYPE 1 CURB INLET FOR TYPE 1 CATCH BASIN PER CITY OF ARLINGTON DETAIL SD-010 PER DETAIL ON SHEET SD-08
- CATCH BASIN TYPE 2 CURB INLET FOR CATCH BASIN TYPE 2 PER CITY OF ARLINGTON DETAIL SD-040 PER DETAIL ON SHEET SD-08
- 1 REMOVE AND DISPOSE OF EXISTING STRUCTURE
- 2 ABANDON PIPE IN PLACE
- [Pattern] QUARRY SPALLS PAD. SEE DETAIL SHEET SD-07
- [Pattern] EMERGENCY OVERFLOW. SEE SHEET SD-07

STORMWATER NOTES

1. ALL CATCH BASINS ARE STATIONED TO THE CENTER OF STRUCTURE
2. STORM PIPE SHALL BE SCHEDULE A STORM SEWER PIPE UNLESS NOTED OTHERWISE
3. CATCH BASIN GRATES SHALL BE PER CITY OF ARLINGTON STANDARD PLAN SD-060 UNLESS NOTED OTHERWISE.

NOTES

1. SEE SHEET SD-09 FOR SECTION VIEWS

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 SD-01

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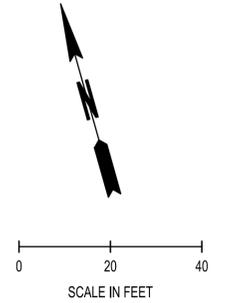
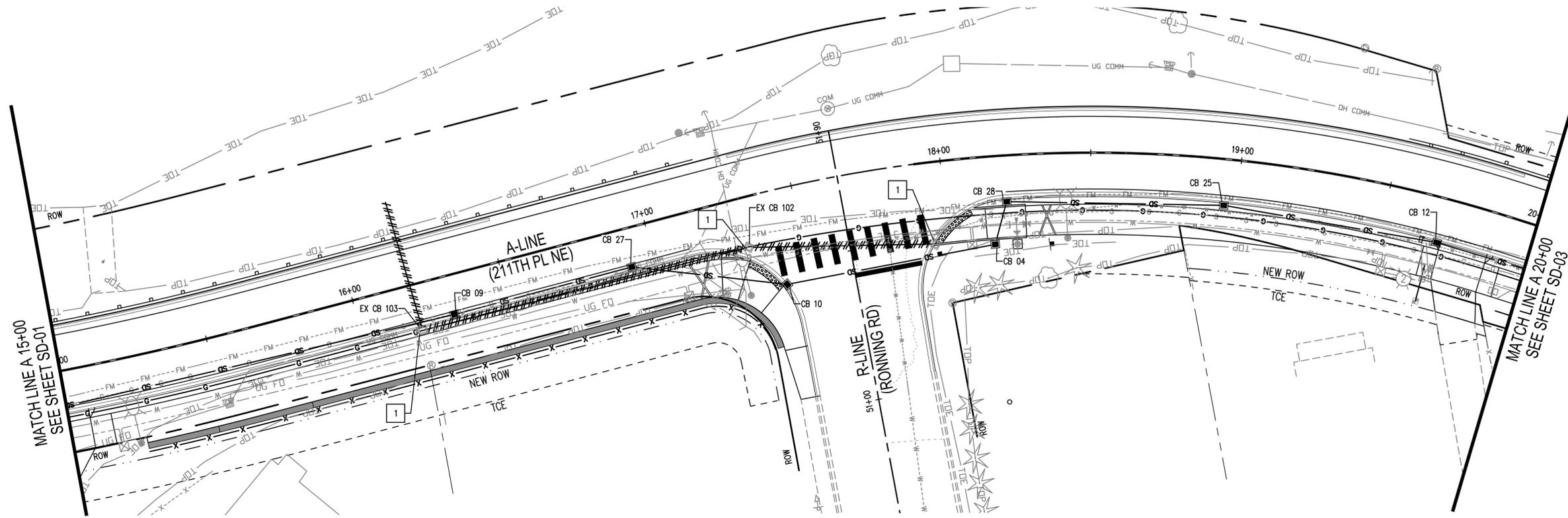
CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE

STORM DRAINAGE PLAN

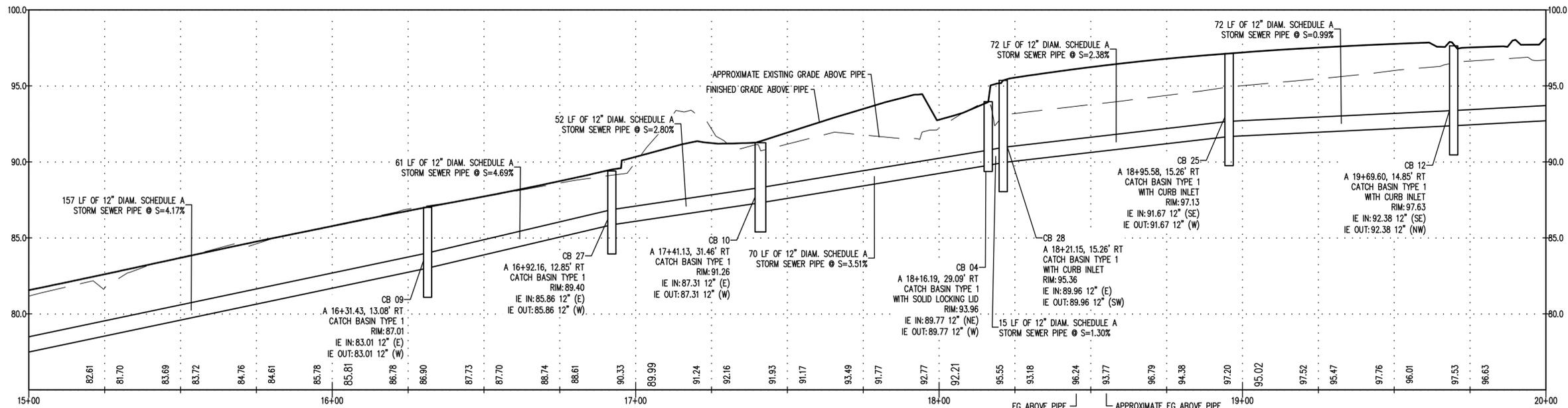
DRAWING No.: SD-01
 SHEET No.: 15 of 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.

KEY MAP



A PROFILE



STORMWATER NOTES

1. ALL CATCH BASINS ARE STATIONED TO THE CENTER OF STRUCTURE
2. STORM PIPE SHALL BE SCHEDULE A STORM SEWER PIPE UNLESS NOTED OTHERWISE
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NOTES

1. SEE SHEET SD-09 FOR SECTION VIEWS
2. SEE SHEET SD-01 FOR LEGEND AND STORMWATER NOTES

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
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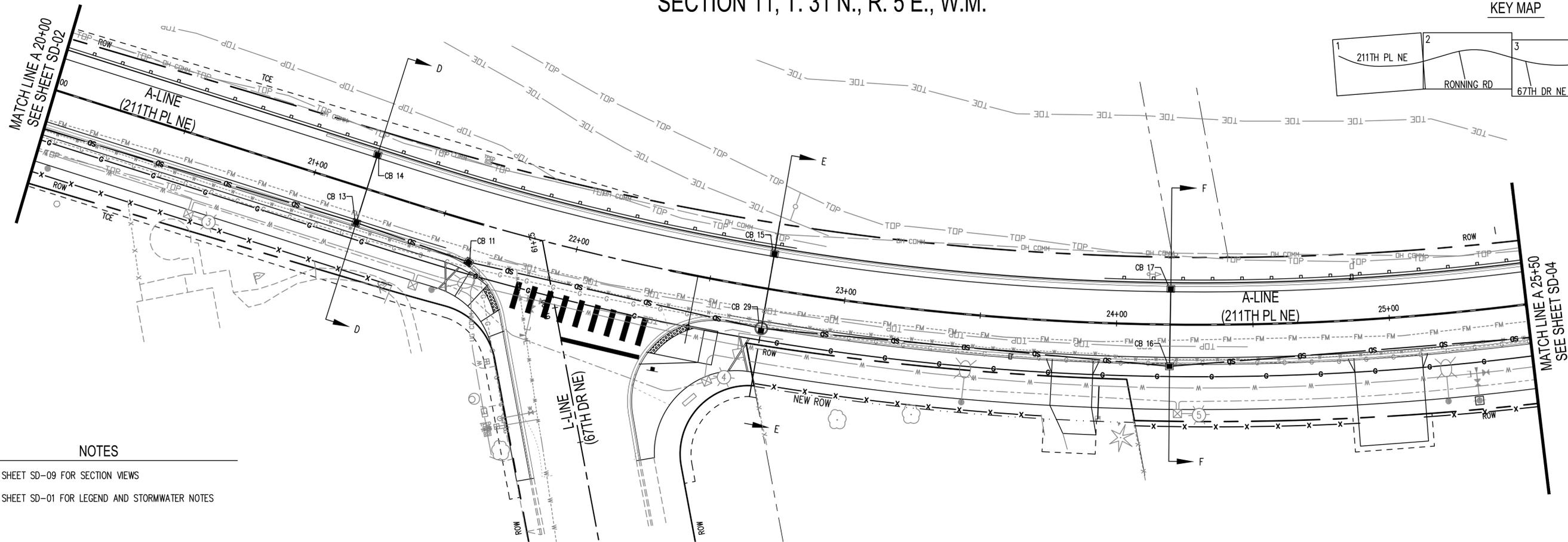


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 STORM DRAINAGE PLAN

DRAWING No.:	SD-02
SHEET No.:	16 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

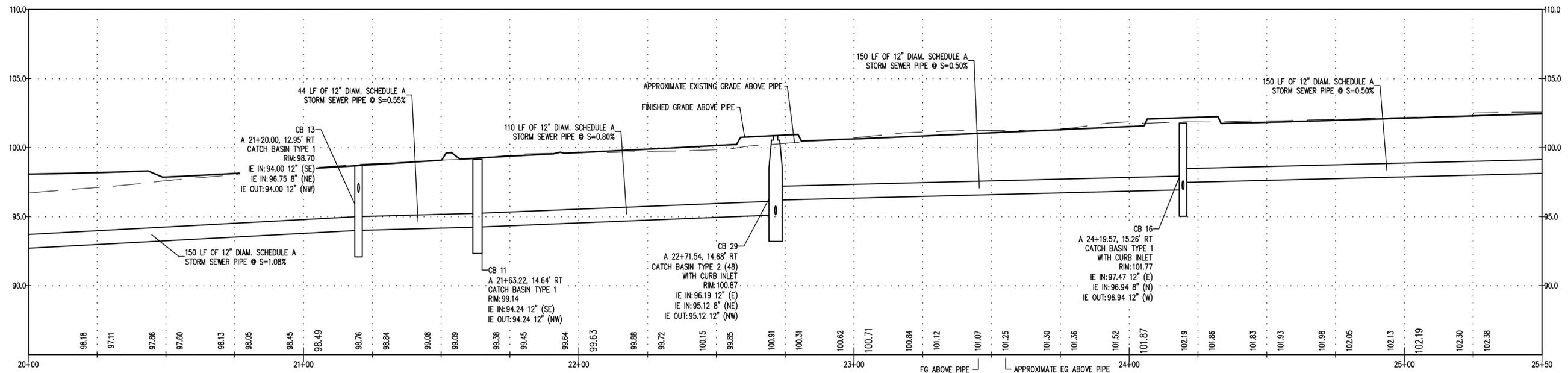
KEY MAP



NOTES

- SEE SHEET SD-09 FOR SECTION VIEWS
- SEE SHEET SD-01 FOR LEGEND AND STORMWATER NOTES

A PROFILE



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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 SD-01

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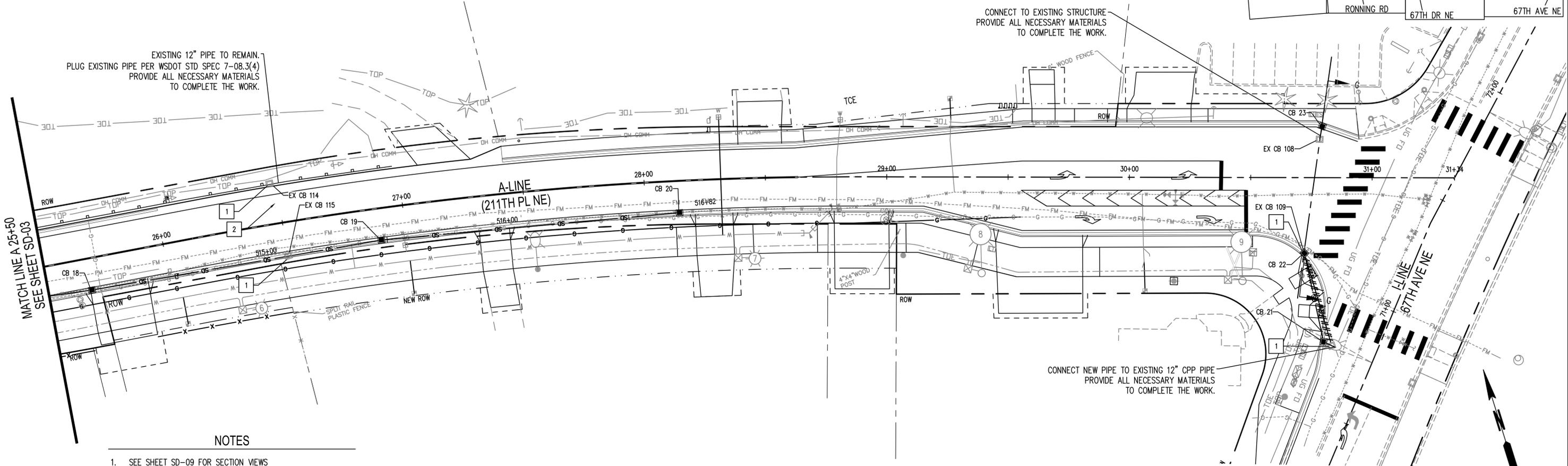


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
STORM DRAINAGE PLAN

DRAWING No.: SD-03
SHEET No.: 17 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

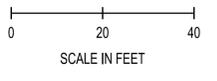
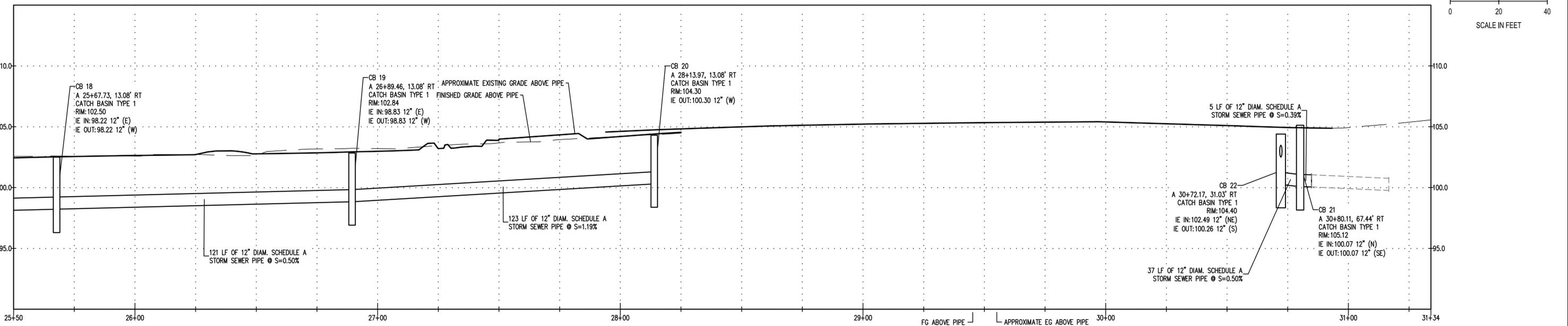
KEY MAP



NOTES

- SEE SHEET SD-09 FOR SECTION VIEWS
- SEE SHEET SD-01 FOR LEGEND AND STORMWATER NOTES

A PROFILE



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 PROJECTS\SR530 CITY OF ARLINGTON\22-000884 - ARLINGTON 211TH, NE-67TH AVE (CAD)\22-000884_SD-04.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZZO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 SD-01

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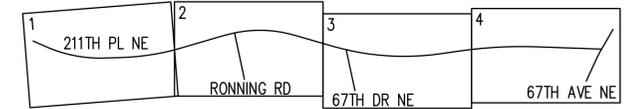


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
STORM DRAINAGE PLAN

DRAWING No.: SD-04
SHEET No.: 18 OF 81

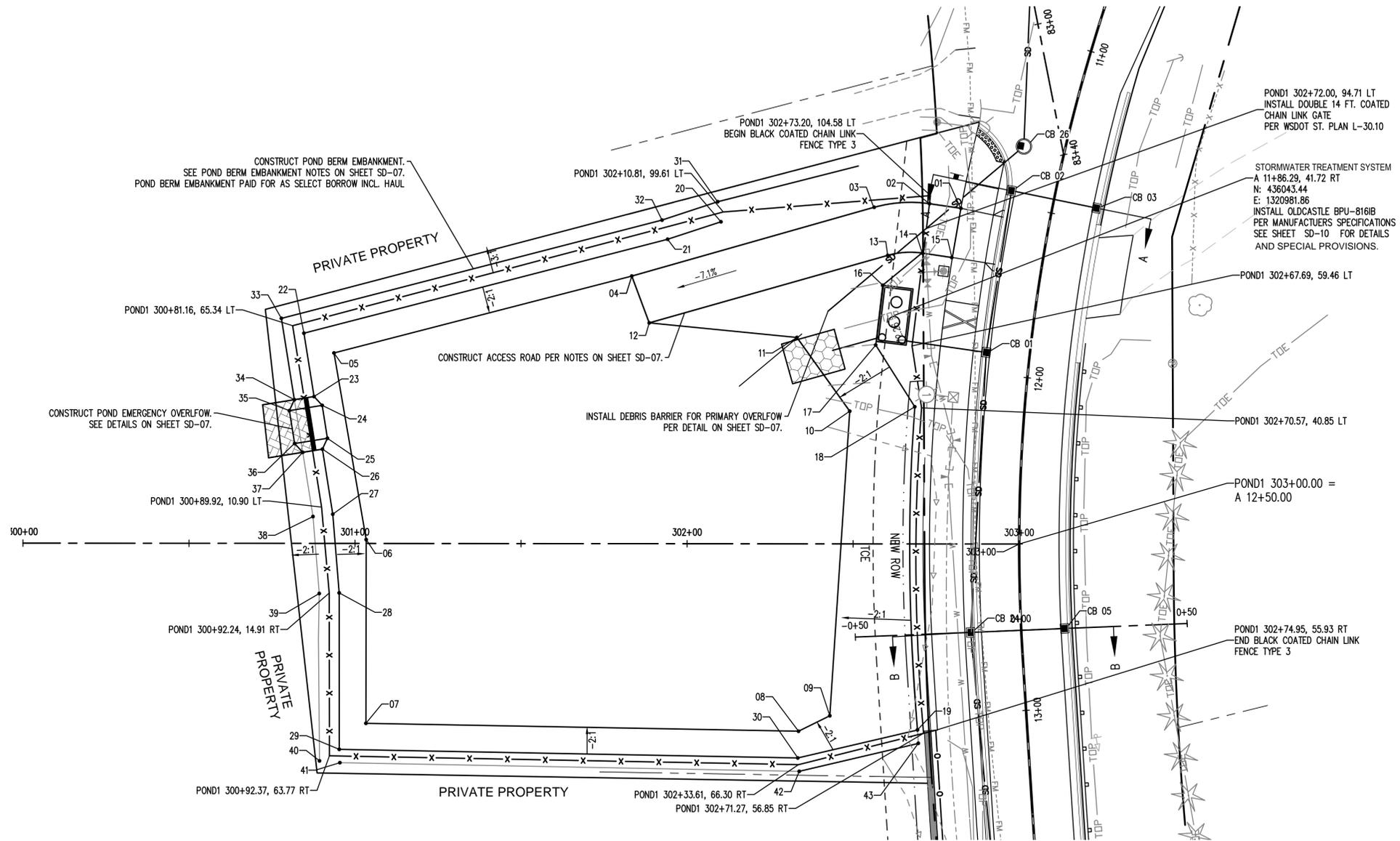
SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



0 20 40
SCALE IN FEET

POINT NUMBER	STA OFF	NORTHING	EASTING	POINT ELEVATION
01	POND1 302+82.37, 100.80 LT	436072.72	1320957.96	72.16
02	POND1 302+72.92, 102.16 LT	436064.24	1320953.59	64.00
03	POND1 302+56.24, 101.07 LT	436048.11	1320949.18	64.00
04	POND1 301+83.27, 80.34 LT	435972.37	1320944.94	64.00
05	POND1 300+93.62, 57.18 LT	435880.07	1320937.57	64.00
06	POND1 301+03.36, 1.15 LT	435870.99	1320993.71	64.00
07	POND1 301+03.33, 54.00 RT	435852.95	1321045.83	64.00
08	POND1 302+33.60, 56.26 RT	435975.36	1321090.49	64.00
09	POND1 302+43.02, 51.61 RT	435985.78	1321089.17	64.00
10	POND1 302+48.94, 39.83 LT	436021.22	1321004.67	64.00
11	POND1 302+33.02, 61.95 LT	436013.39	1320978.57	64.00
12	POND1 301+88.54, 66.30 LT	435972.77	1320959.94	64.00
13	POND1 302+60.33, 86.63 LT	436047.26	1320964.15	64.00
14	POND1 302+70.75, 87.32 LT	436057.33	1320966.91	64.00
15	POND1 302+79.64, 86.01 LT	436065.32	1320971.05	64.00
16	POND1 302+58.83, 77.66 LT	436042.92	1320972.14	73.46
17	POND1 302+56.76, 59.69 LT	436035.09	1320988.45	73.46
18	POND1 302+68.53, 41.17 LT	436040.18	1321009.80	72.72
19	POND1 302+69.43, 55.82 RT	436009.37	1321101.77	74.90
20	POND1 302+10.11, 96.67 LT	436003.07	1320938.28	68.00
21	POND1 301+94.05, 91.41 LT	435986.18	1320938.01	68.00
22	POND1 300+84.56, 63.11 LT	435873.44	1320929.02	68.00
23	POND1 300+87.62, 44.08 LT	435870.13	1320948.00	68.00
24	POND1 300+90.07, 41.44 LT	435871.58	1320951.30	68.00
25	POND1 300+91.66, 31.57 LT	435869.86	1320961.15	68.00
26	POND1 300+90.16, 28.29 LT	435867.37	1320963.76	68.00
27	POND1 300+93.30, 8.78 LT	435863.97	1320983.22	68.00
28	POND1 300+95.25, 14.85 RT	435858.10	1321006.19	68.00
29	POND1 300+95.30, 61.82 RT	435842.82	1321050.61	68.00
30	POND1 302+33.40, 64.29 RT	435972.54	1321098.02	68.00
31	POND1 302+09.13, 102.70 LT	436004.12	1320932.25	70.47
32	POND1 301+92.37, 97.17 LT	435986.46	1320932.01	68.00
33	POND1 300+77.77, 67.55 LT	435868.47	1320922.60	68.00
34	POND1 300+81.70, 43.13 LT	435864.21	1320946.96	68.00
35	POND1 300+80.20, 39.85 LT	435861.73	1320949.57	68.00
36	POND1 300+81.79, 29.98 LT	435860.01	1320959.43	68.00
37	POND1 300+84.24, 27.33 LT	435861.46	1320962.72	70.47
38	POND1 300+87.34, 8.06 LT	435858.10	1320981.96	68.00
39	POND1 300+89.24, 15.04 RT	435852.36	1321004.42	68.00
40	POND1 300+89.37, 65.29 RT	435836.08	1321051.95	68.00
41	POND1 300+95.50, 65.83 RT	435841.70	1321054.46	68.00
42	POND1 302+33.83, 68.30 RT	435971.64	1321101.95	68.00
43	POND1 302+69.69, 59.85 RT	436008.29	1321105.67	75.00



LEGEND

- SD---SD---SD--- EXISTING STORM PIPE
- ##### STORM PIPE REMOVAL
- EXISTING CATCH BASIN
- SD— STORM PIPE
- CATCH BASIN TYPE 1 CONCRETE INLET CURB INLET FOR TYPE 1 CATCH BASIN PER CITY OF ARLINGTON DETAIL SD-020 PER CITY OF ARLINGTON DETAIL SD-010 PER DETAIL ON SHEET SD-08
- CATCH BASIN TYPE 2 CURB INLET FOR CATCH BASIN TYPE 2 PER CITY OF ARLINGTON DETAIL SD-040 PER DETAIL ON SHEET SD-08

- 1 REMOVE AND DISPOSE OF EXISTING STRUCTURE
- 2 ABANDON PIPE IN PLACE
- QUARRY SPALLS PAD. SEE DETAIL SHEET SD-07
- EMERGENCY OVERFLOW. SEE SHEET SD-07

STORMWATER NOTES

1. ALL CATCH BASINS ARE STATIONED TO THE CENTER OF STRUCTURE
2. STORM PIPE SHALL BE SCHEDULE A STORM SEWER PIPE UNLESS NOTED OTHERWISE
3. CATCH BASIN GRATES SHALL BE PER CITY OF ARLINGTON STANDARD PLAN SD-060 UNLESS NOTED OTHERWISE.

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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZZO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884-SD-01

ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED



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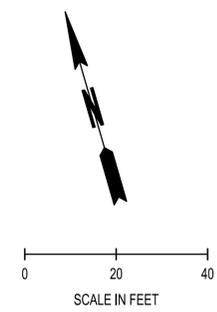
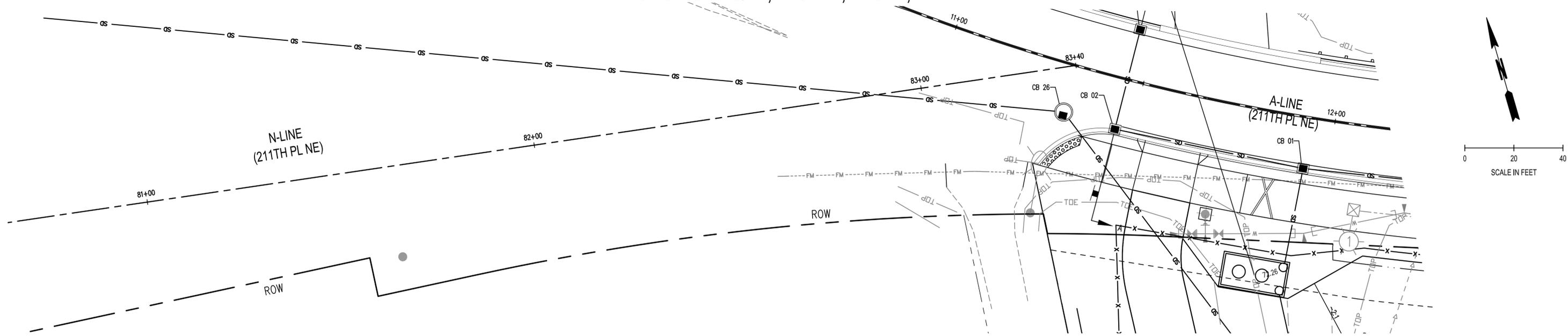


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

STORM DRAINAGE PLAN

DRAWING No.: SD-05
SHEET No.: 19 OF 81

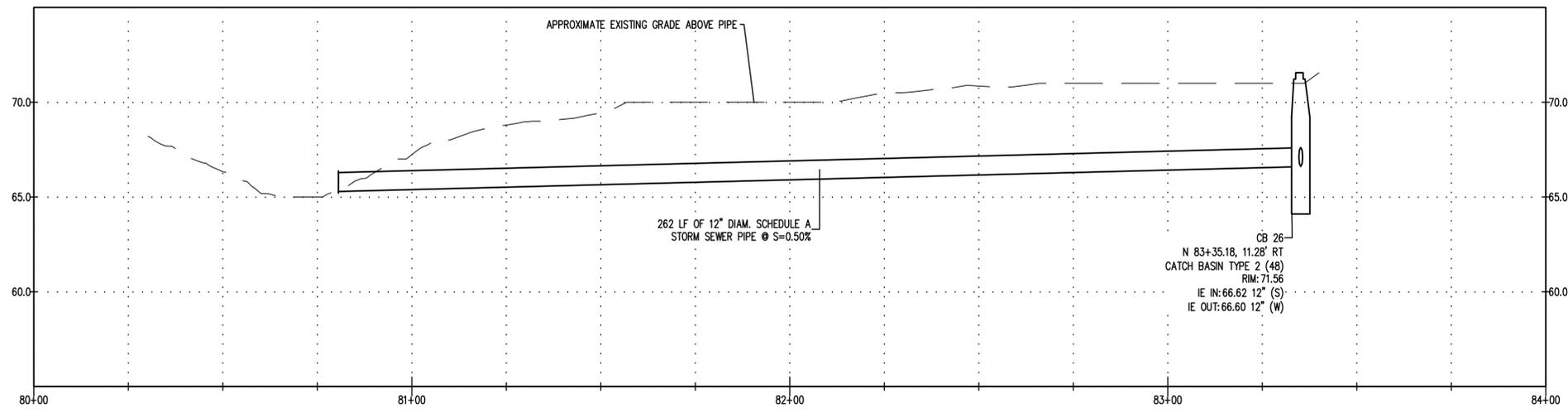
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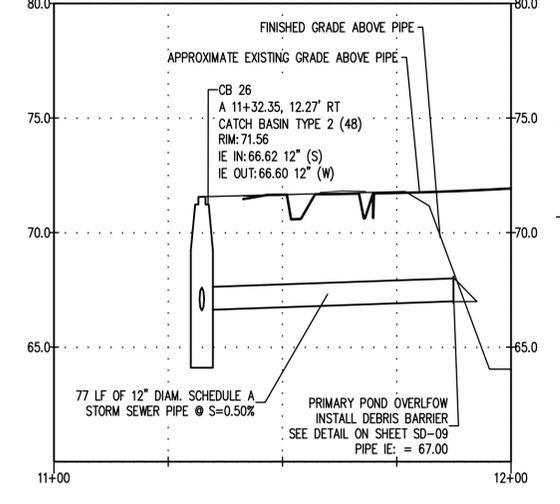
LEGEND

- SD---SD---SD---SD--- EXISTING STORM PIPE
- ##### STORM PIPE REMOVAL
- EXISTING CATCH BASIN
- SD— STORM PIPE
- CATCH BASIN TYPE 1 CONCRETE INLET PER CITY OF ARLINGTON DETAIL SD-020
CURB INLET FOR TYPE 1 CATCH BASIN PER CITY OF ARLINGTON DETAIL SD-010
PER DETAIL ON SHEET SD-08
- CATCH BASIN TYPE 2 CURB INLET FOR CATCH BASIN TYPE 2 PER CITY OF ARLINGTON DETAIL SD-040
PER DETAIL ON SHEET SD-08
- 1 REMOVE AND DISPOSE OF EXISTING STRUCTURE
- 2 ABANDON PIPE IN PLACE
- ▨ QUARRY SPALLS PAD. SEE DETAIL SHEET SD-07
- ▩ EMERGENCY OVERFLOW. SEE SHEET SD-07

N PROFILE



A PROFILE



STORMWATER NOTES

1. ALL CATCH BASINS ARE STATIONED TO THE CENTER OF STRUCTURE
2. STORM PIPE SHALL BE SCHEDULE A STORM SEWER PIPE UNLESS NOTED OTHERWISE
3. CATCH BASIN GRATES SHALL BE PER CITY OF ARLINGTON STANDARD PLAN SD-060 UNLESS NOTED OTHERWISE.

NOTES

1. SEE SHEET SD-09 FOR SECTION VIEWS

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 SD-01

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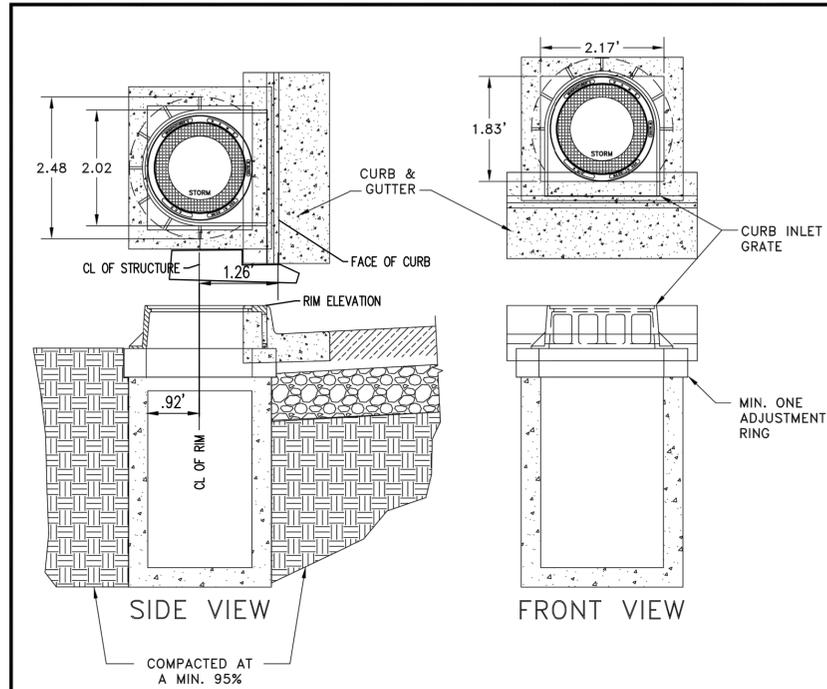


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
STORM DRAINAGE PLAN

DRAWING No.: SD-01
SHEET No.: 15 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

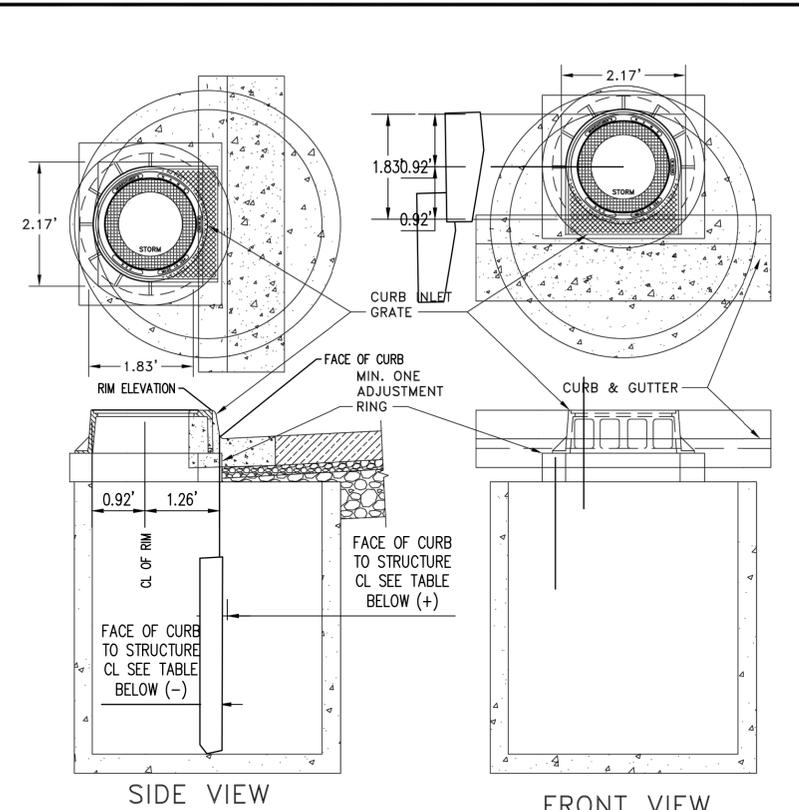
KEY MAP



GENERAL NOTES:

1. CONCRETE PADS FOR ALL CURB INLET BASINS SHALL BE A MINIMUM OF 3' X 3' X 8.
2. ALL STORM MANHOLE LID AND RING ASSEMBLIES SHALL BE EAST JORDAN IRON WORKS OR OLYMPIC FOUNDRY.
3. ALL STORM MANHOLE LID AND RING ASSEMBLIES SHALL BE DUCTILE IRON AND MANUFACTURED IN THE USA.
4. USE A 2" RECTANGULAR ADJUSTMENT SECTION TURNED LENGTHWISE TO ELIMINATE THE GAP UNDER THE FRAME.

CURB INLET FOR TYPE 1 CATCH BASIN



GENERAL NOTES:

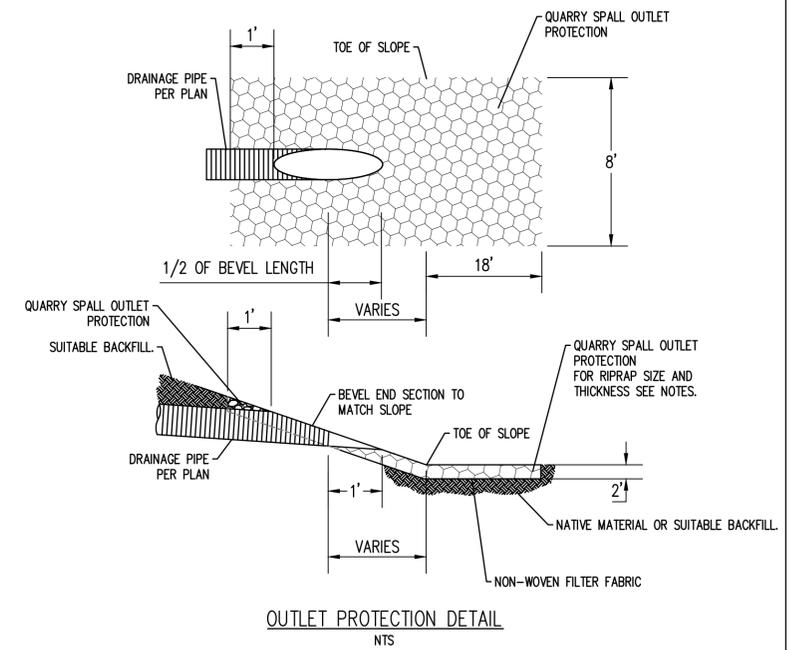
1. ALL STORM MANHOLE LID AND RING ASSEMBLIES SHALL BE EAST JORDAN IRON WORKS OR OLYMPIC FOUNDRY WSDOT STYLE #MH-41.
2. ALL STORM MANHOLE LID AND RING ASSEMBLIES SHALL BE DUCTILE IRON AND MANUFACTURED IN THE USA. NO BOLT DOWN LIDS SHALL BE ALLOWED UNLESS REQUIRED BY THE CITY OF TUMWATER.
3. USE A 2" RECTANGULAR ADJUSTMENT SECTION TURNED LENGTH WISE TO ELIMINATE THE GAP UNDER THE FRAME.

CURB INLET FOR TYPE 2 CATCH BASIN

SD-4 CURB INLET AND MH.DWG

CONSTRUCTION NOTES:

1. RIPRAP SIZE IS:
24" PIPE DIAMETER: 5" RIPRAP - D50
2. MINIMUM LENGTH OF APRON
24" PIPE DIAMETER: 18'



STORMWATER NOTES

1. ALL CATCH BASINS ARE STATIONED TO THE CENTER OF STRUCTURE
2. STORM PIPE SHALL BE SCHEDULE A STORM SEWER PIPE UNLESS NOTED OTHERWISE
3. CATCH BASIN GRATES SHALL BE PER CITY OF ARLINGTON STANDARD PLAN SD-060 UNLESS NOTED OTHERWISE.

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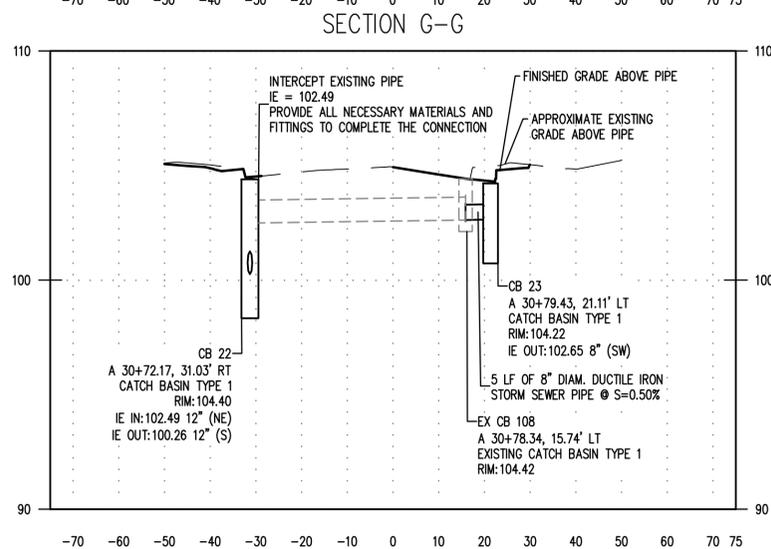
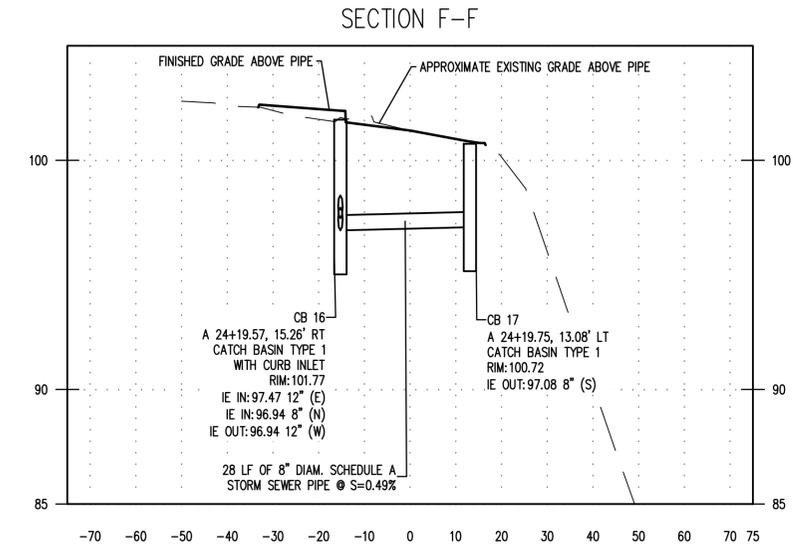
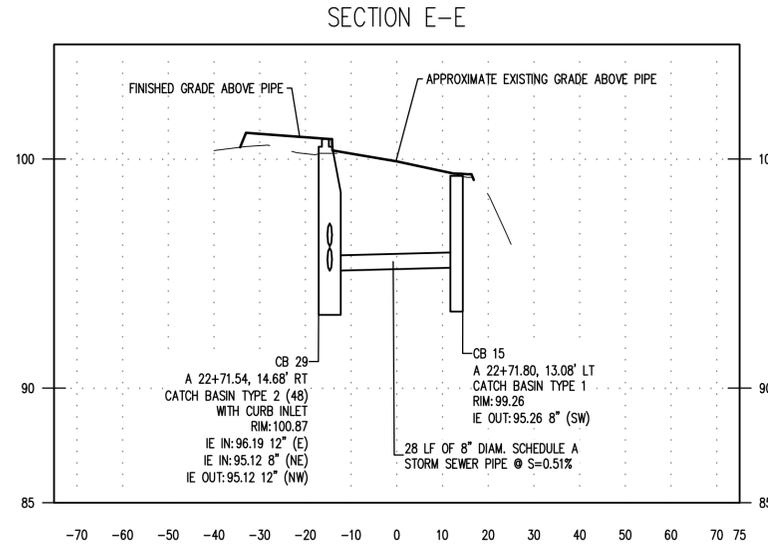
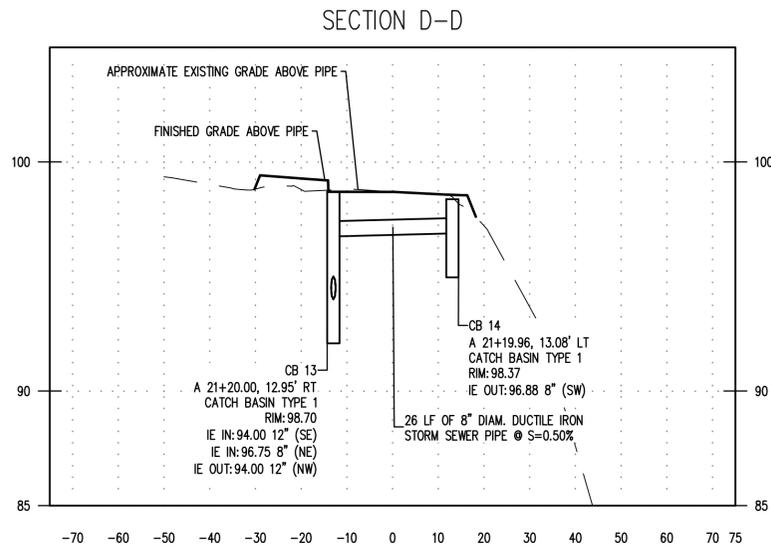
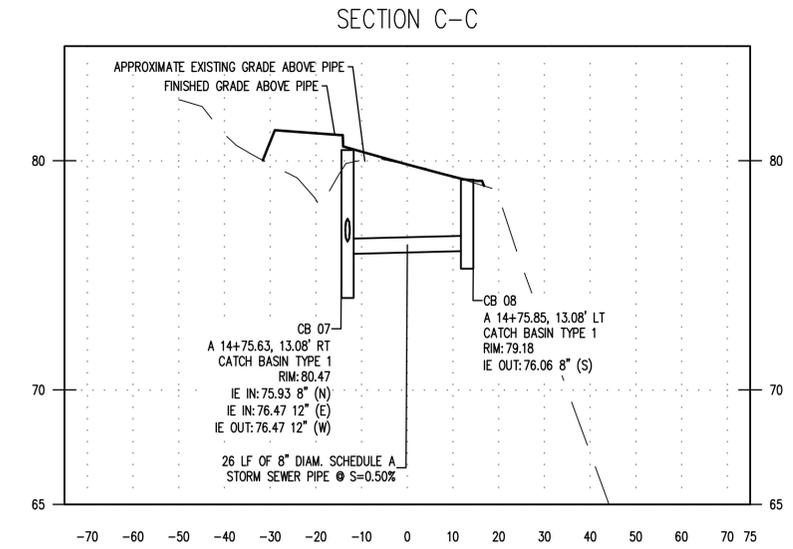
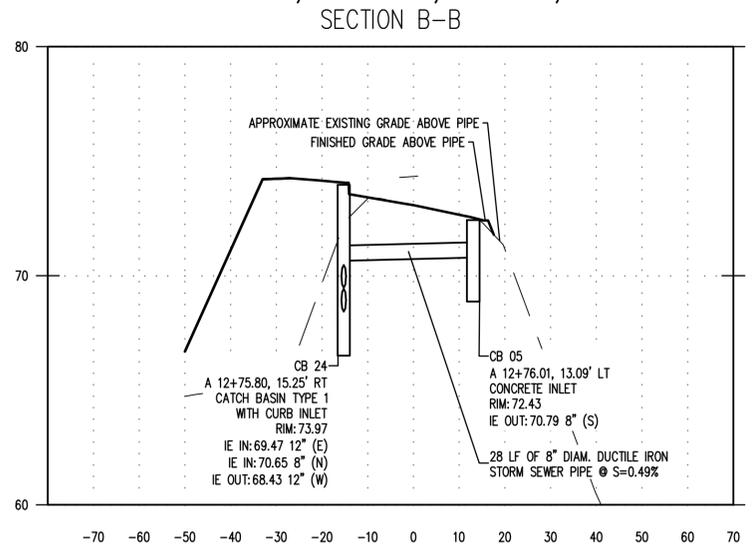
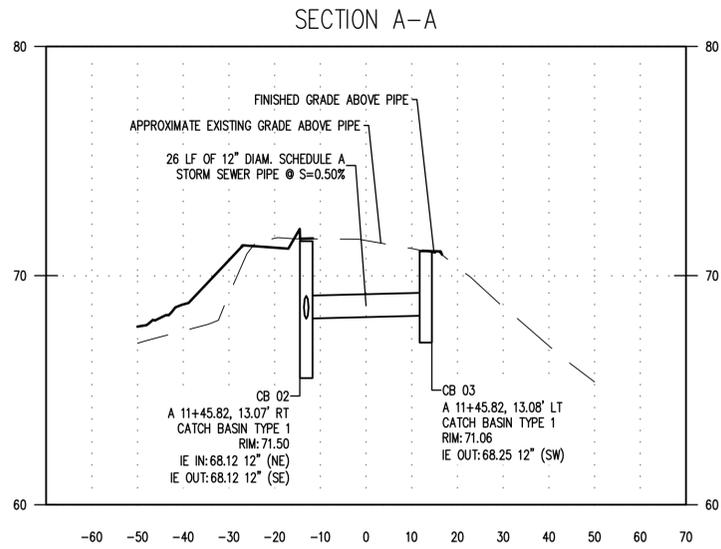


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

STORM DRAINAGE PLAN

DRAWING No.: SD-08
SHEET No.: 22 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.



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DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
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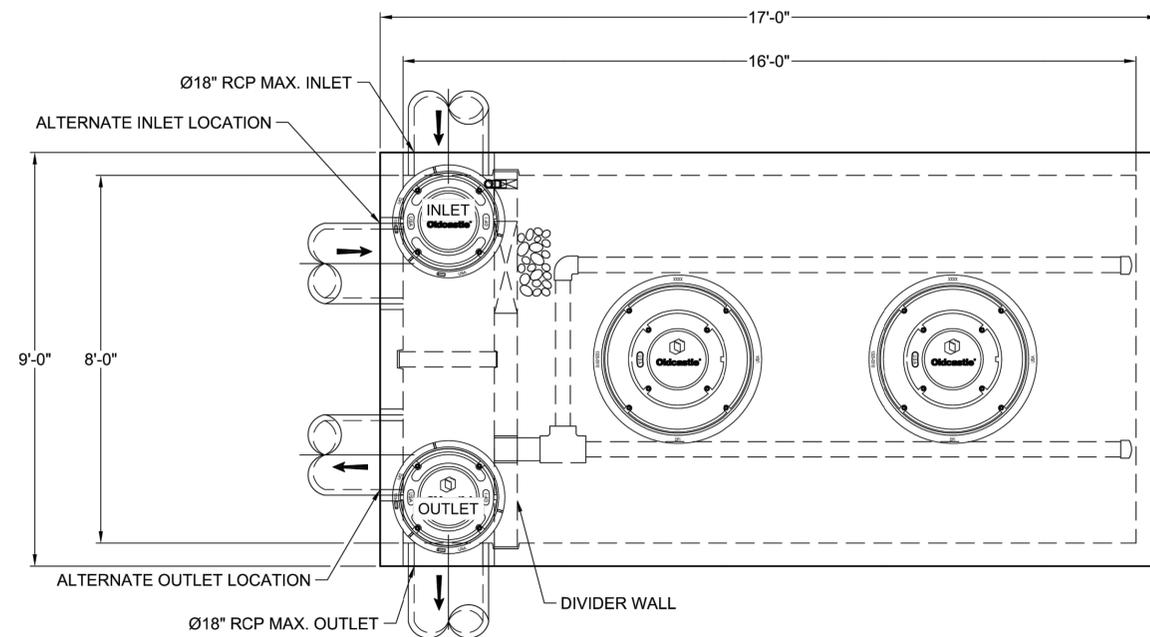


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

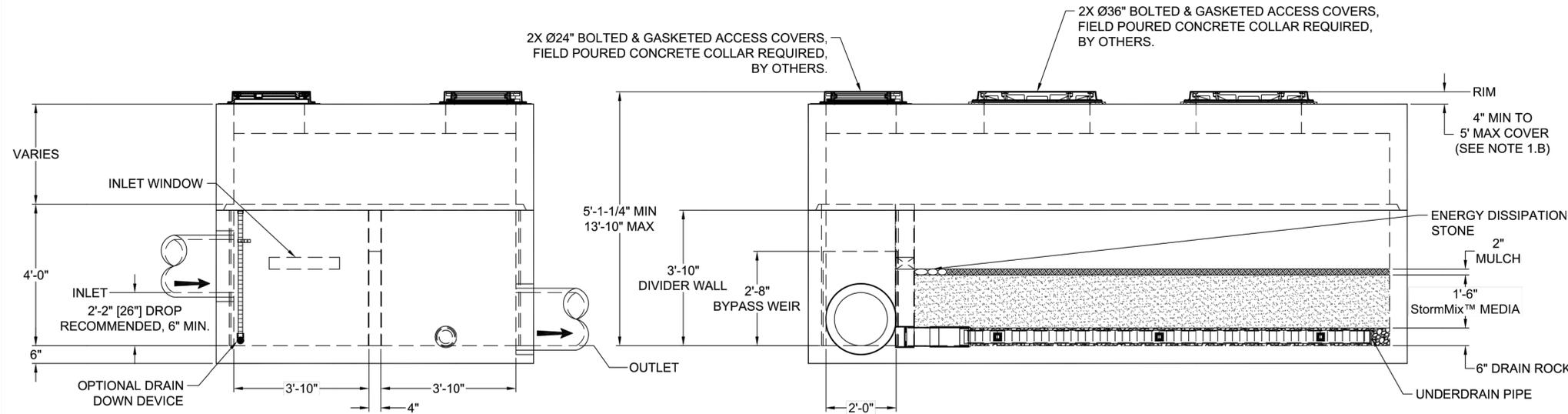
STORM DRAINAGE PROFILES

SECTION 10, T. 31 N., R. 5 E., W.M.

SITE SPECIFIC DATA				
Structure ID	ID			
Treatment Flow Rate (cfs)	0.293			
Peak Flow Rate (cfs)	3.55			
Rim Elevation	72.85			
Top of Vault Elevation	72.30			
Pipe Data	Pipe Location	Pipe Size	Pipe Type	Invert Elevation
Inlet	PER PLAN	12	PER PLAN	67.75
Outlet	PER PLAN	12	PER PLAN	67.07
Notes:				
PERFORMANCE SPECIFICATIONS				
Treatment Flow Capacities:*				
NJDEP 80% Removal, 75 micron	0.432 cfs			
WA Ecology GULD - Basic, Enhanced & Phosphorus	0.384 cfs			
Bypass Capacity	6.5 cfs			
*Contact Oldcastle for alternative treatment flow capacities.				



PLAN VIEW



LEFT END VIEW

ELEVATION VIEW

NOTES:

1. DESIGN LOADINGS:
 - A. AASHTO HS-20-44 (WITH IMPACT)
 - B. DESIGN SOIL COVER: 5'-0" MAXIMUM
 - C. ASSUMED WATER TABLE: BELOW BASE OF PRECAST (ENGINEER-OF-RECORD TO CONFIRM SITE WATER TABLE ELEVATION)
 - D. LATERAL EARTH PRESSURE: 45 PCF (DRAINED)
 - E. LATERAL LIVE LOAD SURCHARGE: 80 PSF (APPLIED TO 8'-0" BELOW GRADE)
 - F. NO LATERAL SURCHARGE FROM ADJACENT BUILDINGS, WALLS, PIERS, OR FOUNDATIONS.
2. CONCRETE 28-DAY MINIMUM COMPRESSIVE STRENGTH: 5,000 PSI MINIMUM.
3. REINFORCING: REBAR, ASTM A615/A706, GRADE 60
4. CEMENT: ASTM C150
5. REQUIRED ALLOWABLE SOIL BEARING CAPACITY: 2,500 PSF
6. REFERENCE STANDARD:
 - A. ASTM C890
 - B. ASTM C913
 - C. ACI 318-14
7. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. ENGINEER-OF-RECORD SHALL VERIFY THAT NOTED PARAMETERS MEET OR EXCEED PROJECT REQUIREMENTS. IF DESIGN PARAMETERS ARE INCORRECT, REVIEWING ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE INFRASTRUCTURE UPON REVIEW.
8. INLET AND OUTLET HOLES WILL BE FACTORY CORED/CAST PER PLANS AND CUSTOMER REQUIREMENTS. INLET AND OUTLET LOCATIONS CAN BE MIRRORED.
9. CONTRACTOR RESPONSIBLE TO VERIFY ALL SIZES, LOCATIONS, AND ELEVATIONS OF OPENINGS.
10. CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING SURFACE IS PROVIDED (I.E. COMPACTED AND LEVEL PER PROJECT SPECIFICATIONS).
11. SECTION HEIGHTS, SLAB/WALL THICKNESSES, AND KEYWAYS ARE SUBJECT TO CHANGE. AS REQUIRED FOR SITE REQUIREMENTS AND/OR DUE TO PRODUCT AVAILABILITY AND PRODUCTION FACILITY CONSTRAINTS.
12. MAXIMUM PICK WEIGHTS*:
 - A. TOP: XX,XXX LBS
 - B. BASE: XX,XXX LBS* (* COMBINED WEIGHT OF BASE INCLUDES BYPASS WEIR, DIVIDER WALL, ROCK & MEDIA)
13. INTERNALS SHALL CONSIST OF UNDERDRAIN PIPE, ROCK, STORMMIX™ MEDIA, MULCH, DIVIDER WALL, BYPASS WEIR AND OPTIONAL DRAIN DOWN.

GENERAL NOTES:

1. SEE SPECIAL PROVISIONS FOR STORMWATER TREATMENT SYSTEM OPTIONS.
2. 8X16 BIOPOD TREATMENT SYSTEM SHOWN FOR DESIGN AND ESTIMATION PURPOSES.

Oldcastle Infrastructure
A CRH COMPANY

Ph: 800.579.8819 | www.oldcastleinfrastructure.com/stormwater

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BioPod™ Biofilter System (STANDARD)	
Underground Vault with Internal Bypass	
CUSTOMER	
PROJECT NAME	
SHEET NAME	SHEET
Specifier Drawing	1 OF 1
REV DATE	REV DATE

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DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 SD-01

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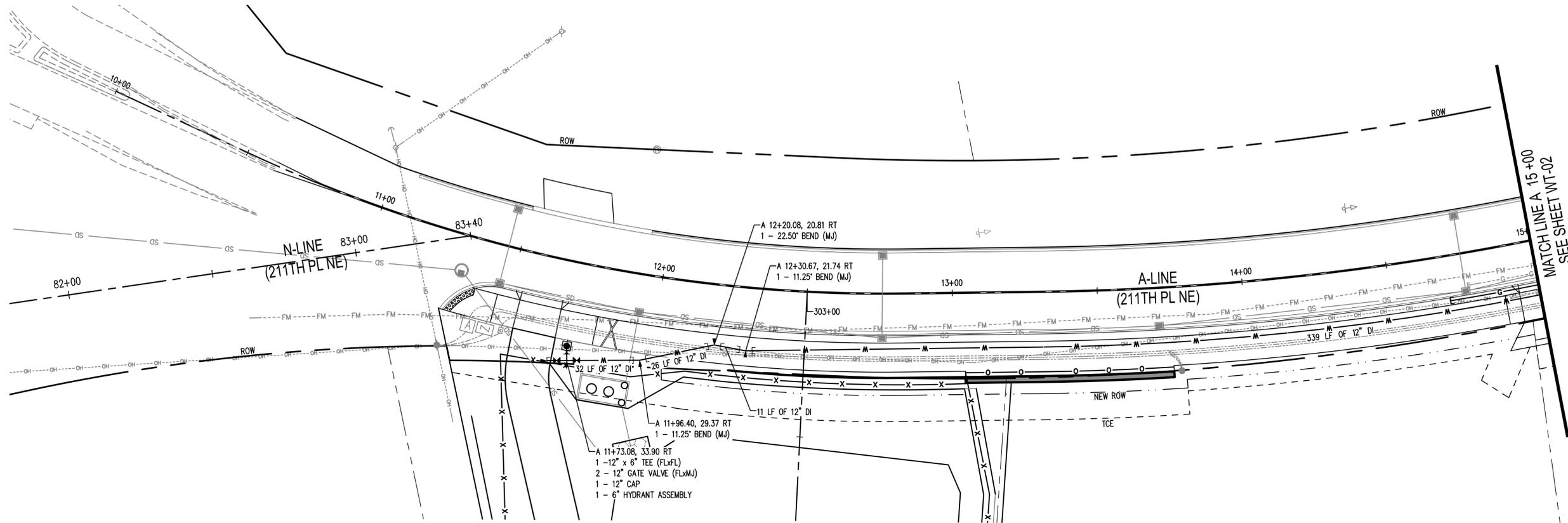
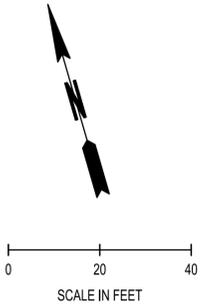
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

STORM DRAINAGE DETAILS

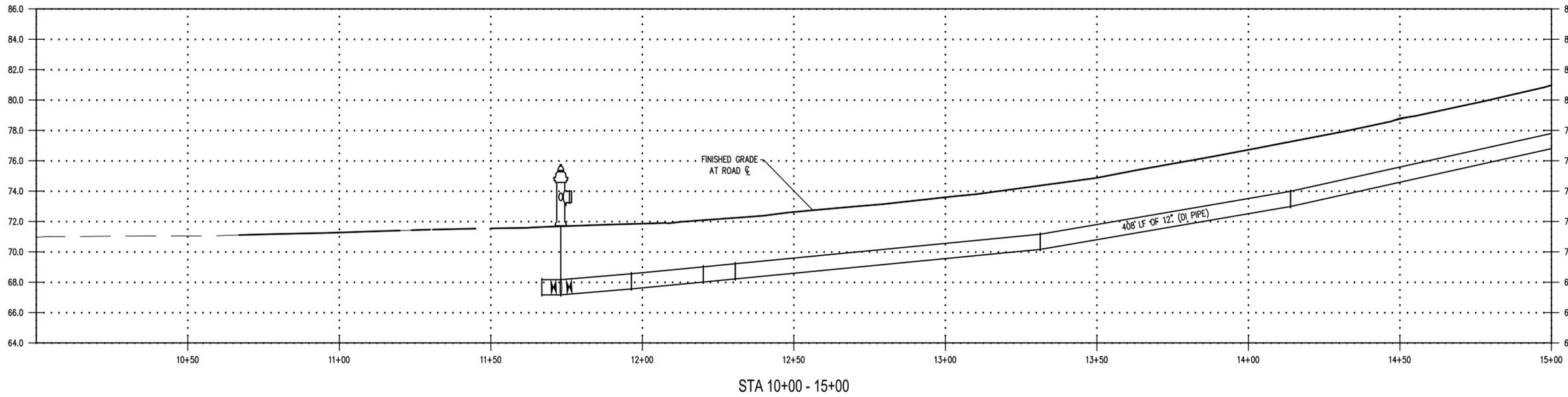
DRAWING No.:	SD-10
SHEET No.:	24 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



MATCH LINE A 15+00
SEE SHEET WT-02

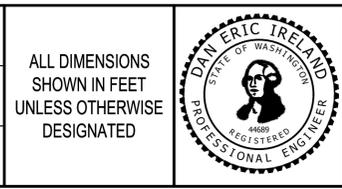


LEGEND	
	WATER MAIN
	GATE VALVE
	HYDRANT & CONCRETE PAD (PER CITY OF ARLINGTON STANDARD DETAIL W-010 & W-020)
	WATER METER (PER CITY OF ARLINGTON STANDARD DETAIL W-040)
	EX WATER LINE
	EX GATE VALVE
	EX WATER METER
	THRUST BLOCK (PER CITY OF ARLINGTON STD. DETAIL W-160 & W-165)

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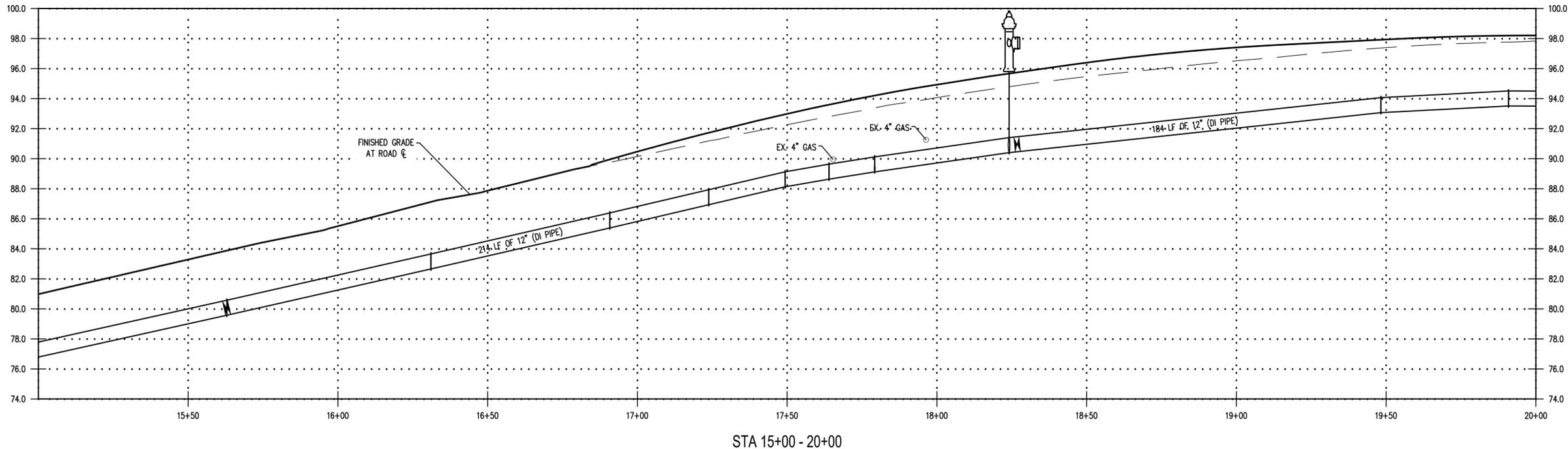
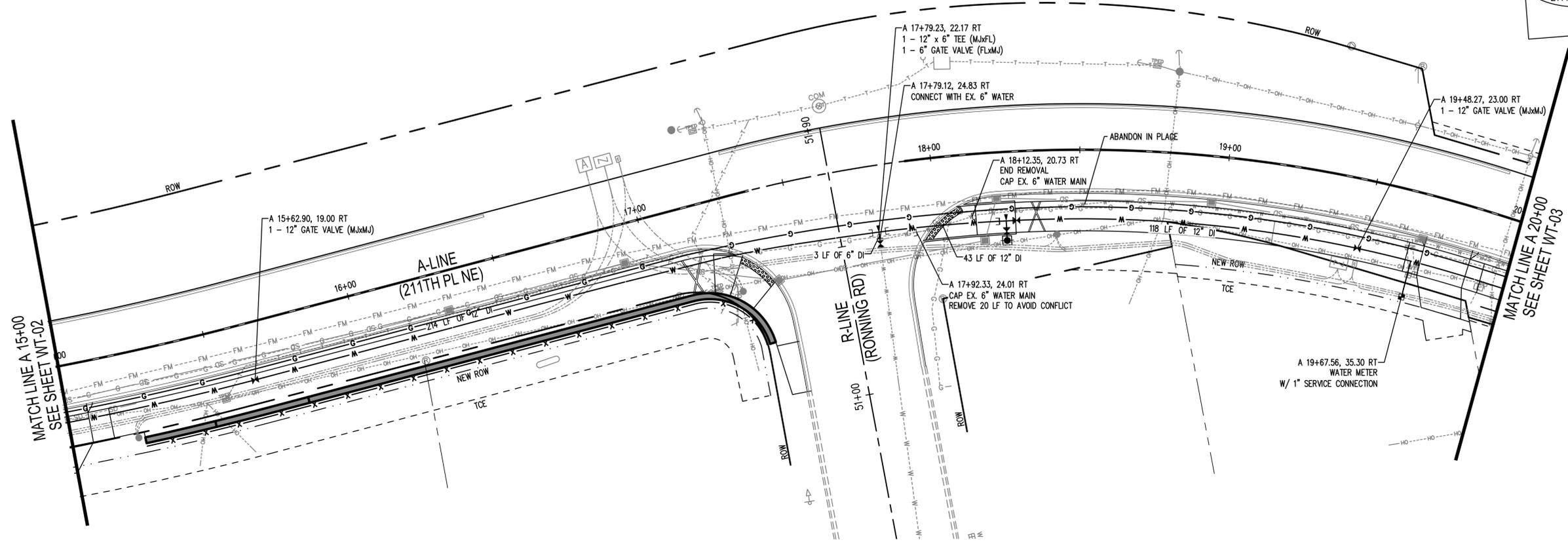
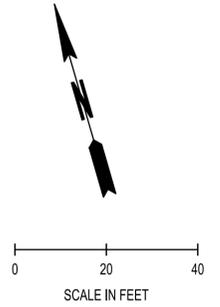
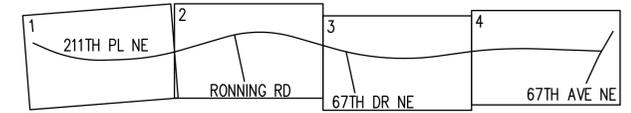
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

WATER PLAN

DRAWING No.: WT-01
SHEET No.: 25 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



LEGEND

	WATER MAIN
	GATE VALVE
	HYDRANT & CONCRETE PAD (PER CITY OF ARLINGTON STANDARD DETAIL W-010 & W-020)
	WATER METER (PER CITY OF ARLINGTON STANDARD DETAIL W-040)
	EX WATER LINE
	EX GATE VALVE
	EX WATER METER
	THRUST BLOCK (PER CITY OF ARLINGTON STD. DETAIL W-160 & W-165)

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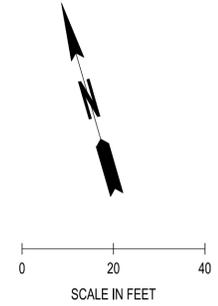
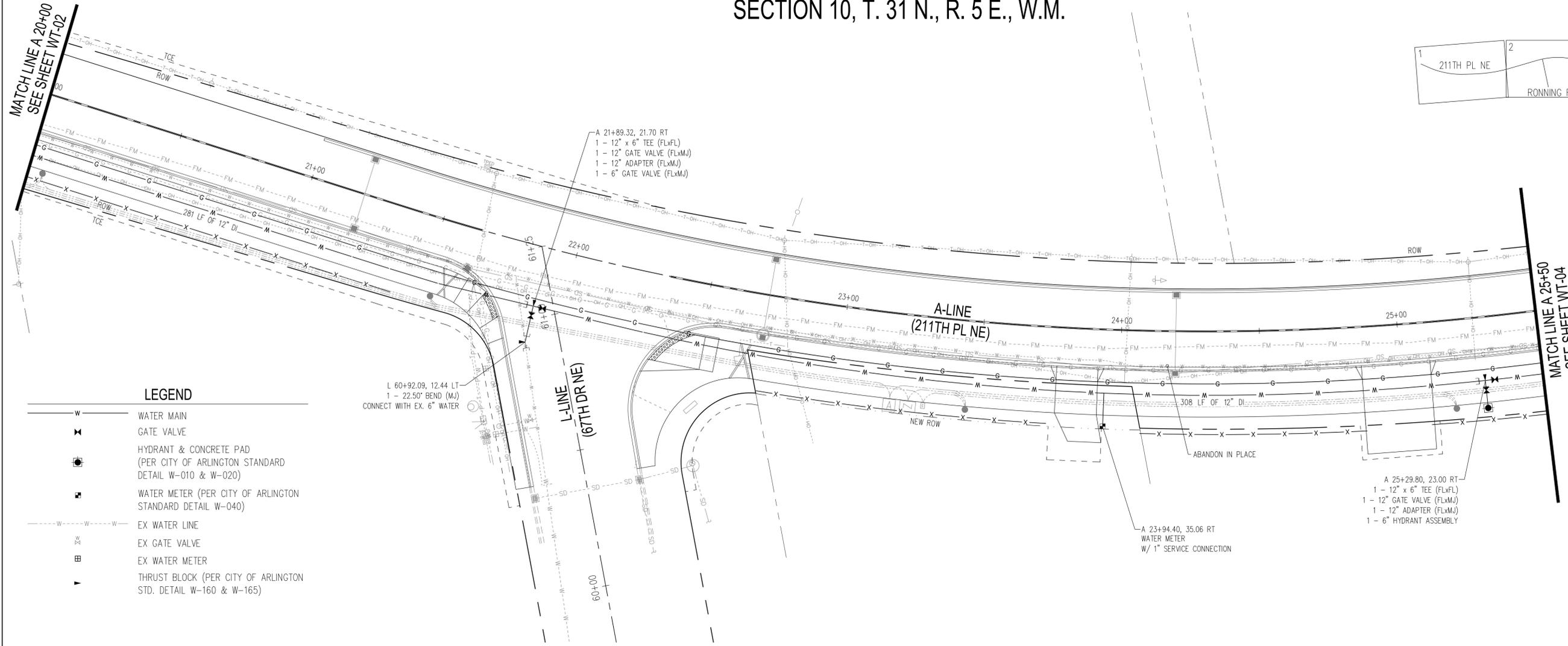
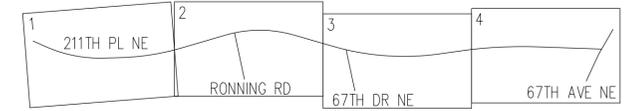


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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
WATER PLAN

DRAWING No.: WT-02
 SHEET No.: 26 OF 81

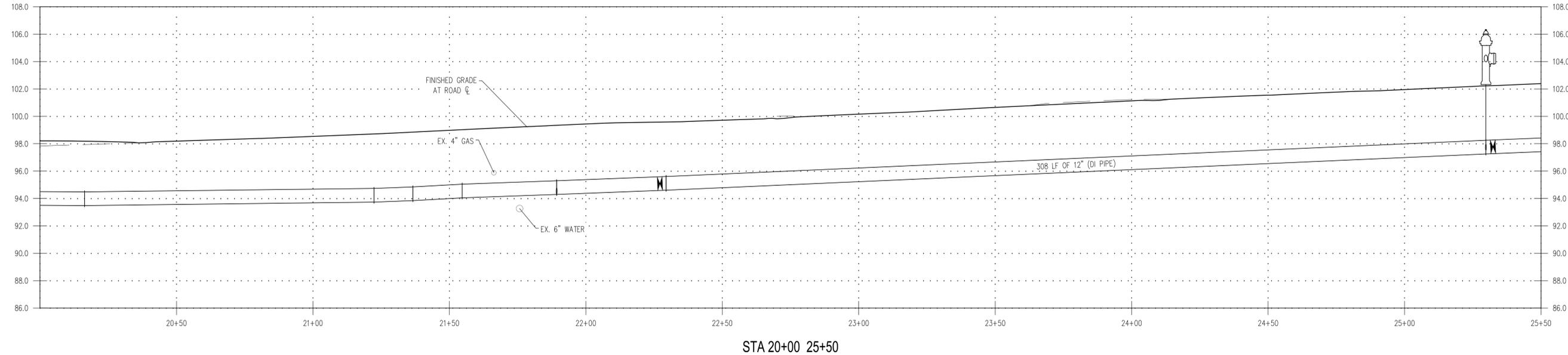
SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



LEGEND

- W WATER MAIN
- X GATE VALVE
- HYDRANT & CONCRETE PAD (PER CITY OF ARLINGTON STANDARD DETAIL W-010 & W-020)
- WATER METER (PER CITY OF ARLINGTON STANDARD DETAIL W-040)
- - - EX WATER LINE
- ⊗ EX GATE VALVE
- ⊞ EX WATER METER
- ▶ THRUST BLOCK (PER CITY OF ARLINGTON STD. DETAIL W-160 & W-165)



STA 20+00 25+50

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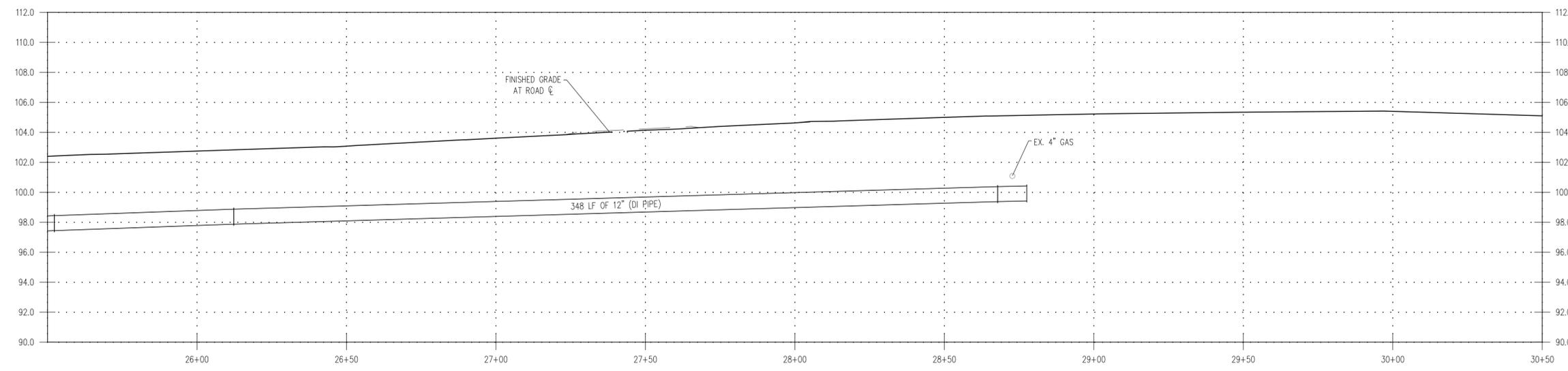
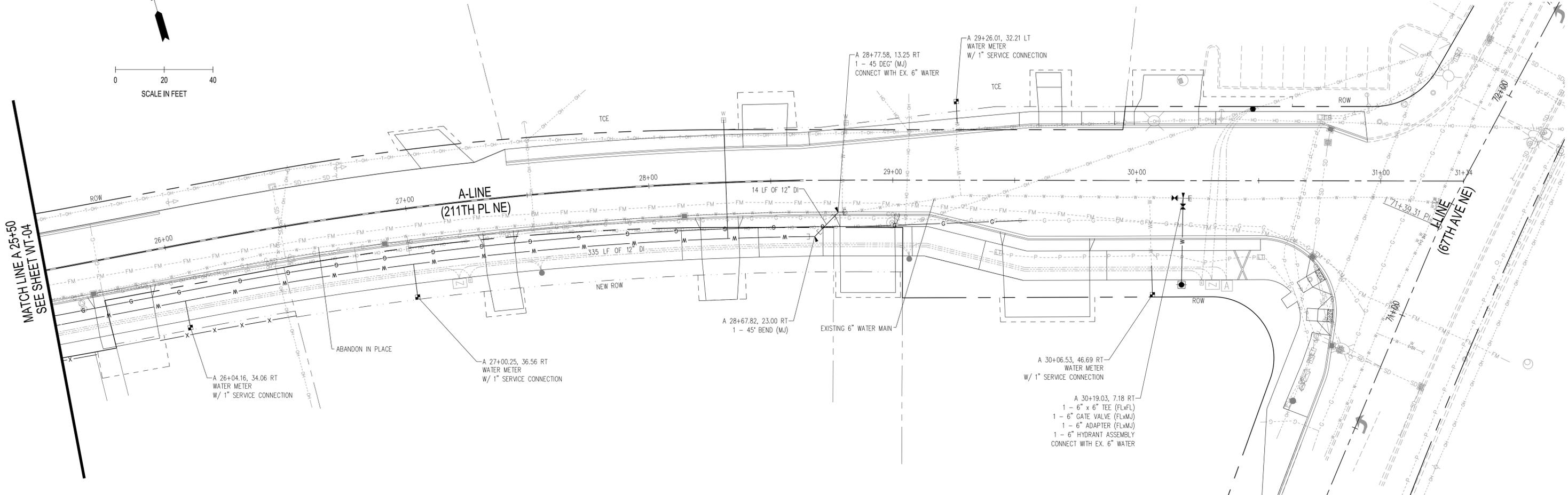
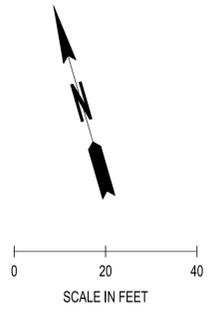
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SR-530 TO 67TH AVE NE

WATER PLAN

DRAWING No.: WT-03
SHEET No.: 27 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



LEGEND	
	WATER MAIN
	GATE VALVE
	HYDRANT & CONCRETE PAD (PER CITY OF ARLINGTON STANDARD DETAIL W-010 & W-020)
	WATER METER (PER CITY OF ARLINGTON STANDARD DETAIL W-040)
	EX WATER LINE
	EX GATE VALVE
	EX WATER METER
	THRUST BLOCK (PER CITY OF ARLINGTON STD. DETAIL W-160 & W-165)

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DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
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211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

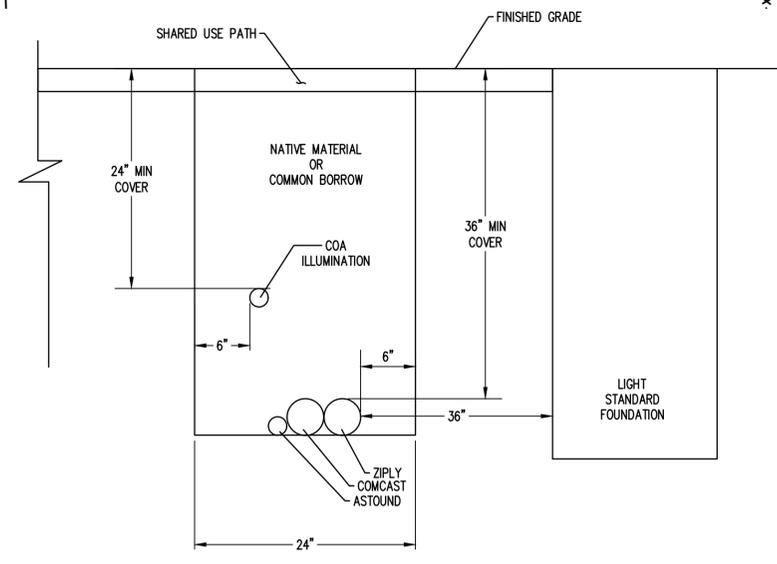
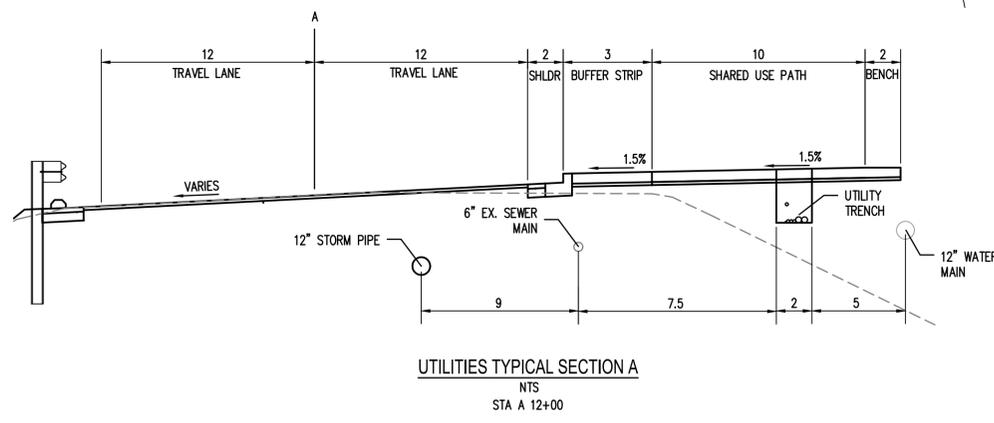
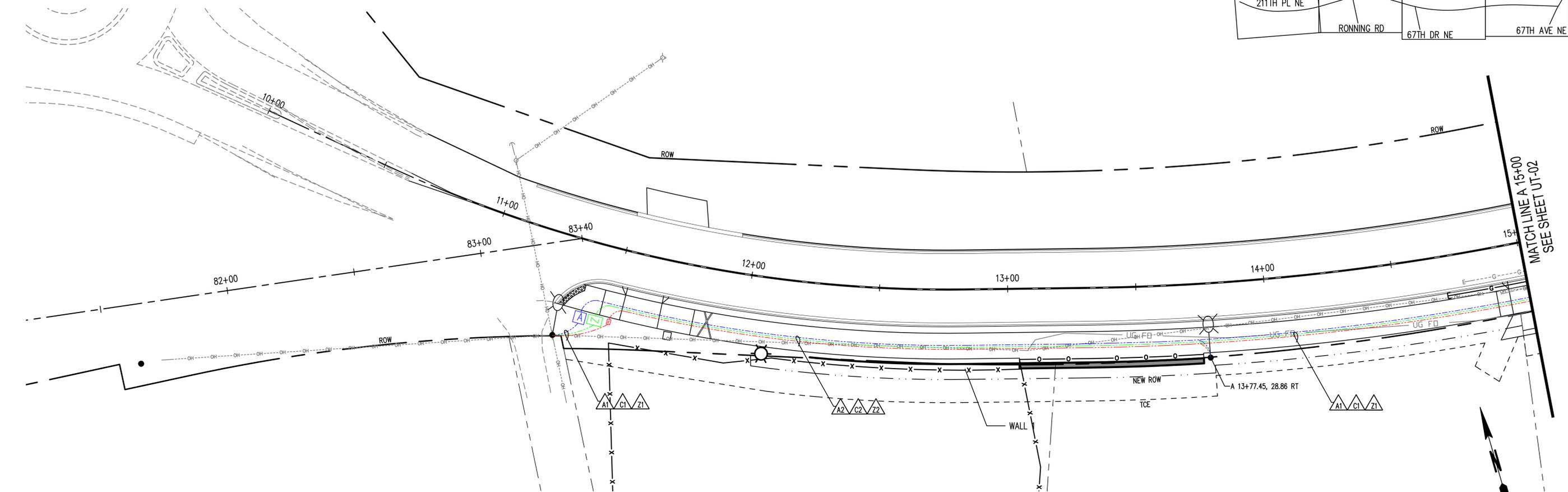
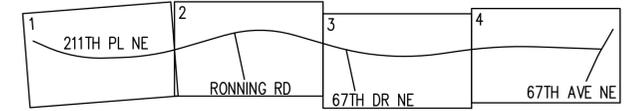
WATER PLAN

DRAWING No.: WT-04
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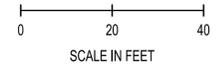
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SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



TYPICAL UTILITY TRENCH SECTION
NTS



DRY UTILITY LEGEND

- B JUNCTION BOX - COMCAST
L 1'-5" x W 2'
- Z HAND HOLE - ZIPLY
L 5'-8" x W 3'-8"
- A JUNCTION BOX - ASTOUND
L 4'-8" x W 4'-8" x D 4'-0"
- COMCAST
(SCHEDULE 40 PVC OR HDPE)
- ZIPLY
(SCHEDULE 40 PVC OR HDPE)
- ASTOUND
(SCHEDULE 40 PVC OR HDPE)
- PUD UTILITY POLE

GENERAL NOTES

1. CONDUIT AND BOX LOCATIONS SHOWN ON PLAN IS APPROXIMATE. CONTRACTOR SHALL PLAN AND VERIFY ALIGNMENT TO AVOID CONFLICT WITH OTHER PROJECT ELEMENTS.
2. SEE UTILITY OWNERS (ASTOUND, COMCAST, ZIPLY) STANDARDS FOR ADDITIONAL MATERIAL AND INSTALLATION DETAILS.
3. ALL CONDUIT FOR THIS UTILITY SHALL BE SCHEDULE 40 PVC, UNLESS OTHERWISE INDICATED PER THE PRIVATE UTILITY WRITTEN STANDARDS.

ZIPLY CONDUIT SCHEDULE			
RUN NO.	4"Ø	2"Ø	COMMENTS
Z1	1		
Z2	1	1	
Z3	1	2	

ASTOUND CONDUIT SCHEDULE			
RUN NO.	2"Ø	1"Ø	COMMENTS
A1	1		
A2	1	1	
A3	1	2	

COMCAST CONDUIT SCHEDULE			
RUN NO.	4"Ø	2"Ø	COMMENTS
C1	1		
C2	1	1	
C3	1	2	

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 UT-01

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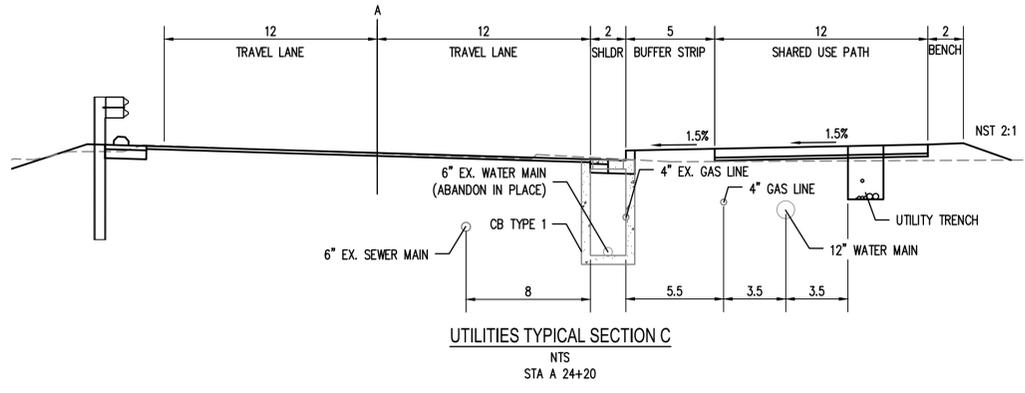
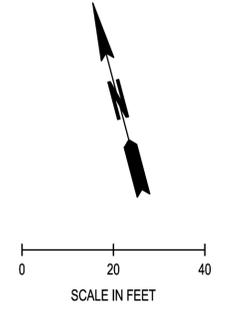
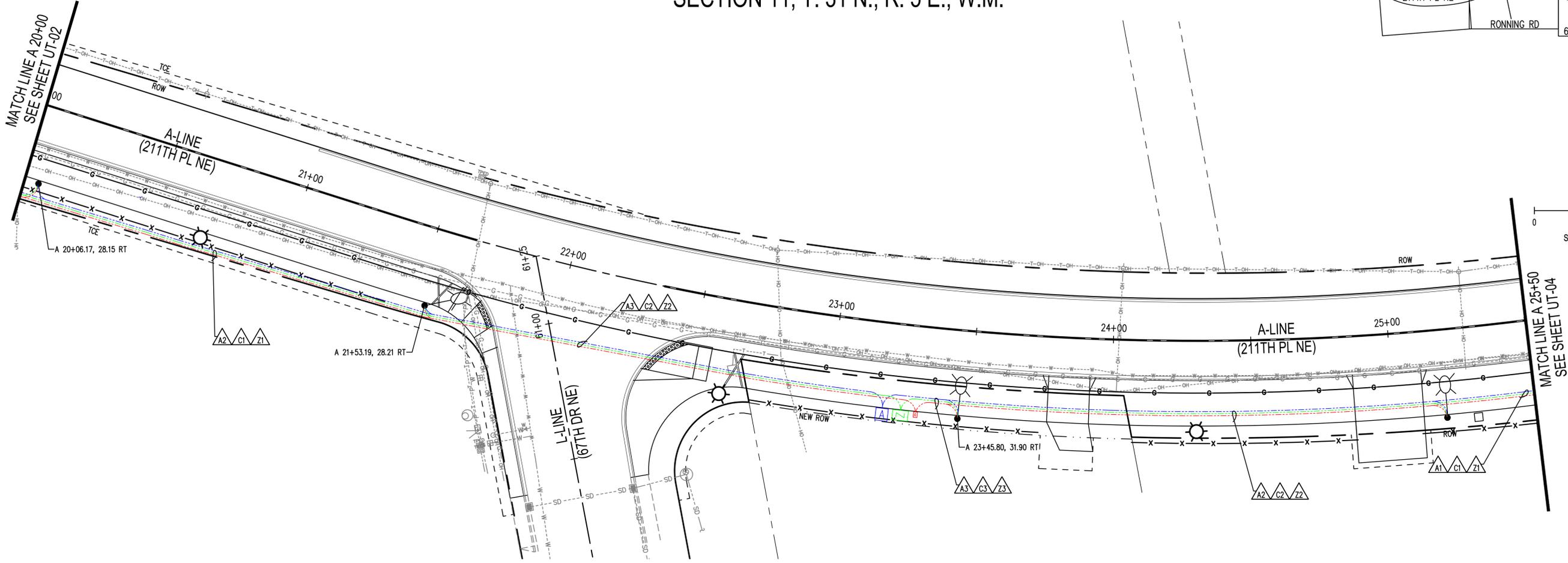
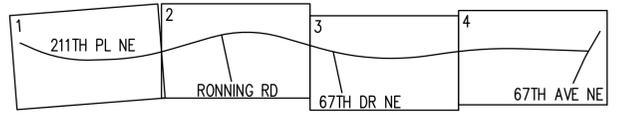
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
UTILITY PLAN

DRAWING No.:	UT-01
SHEET No.:	29 OF 81

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SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP



ZIPLY CONDUIT SCHEDULE			
RUN NO.	4"φ	2"φ	COMMENTS
X Z1	1		
Z2	1	1	
Z3	1	2	

COMCAST CONDUIT SCHEDULE			
RUN NO.	4"φ	2"φ	COMMENTS
X C1	1		
C2	1	1	
C3	1	2	

ASTOUND CONDUIT SCHEDULE			
RUN NO.	2"φ	1"φ	COMMENTS
X A1	1		
A2	1	1	
A3	1	2	

DRY UTILITY LEGEND	
	JUNCTION BOX - COMCAST L 1'-5" x W 2'
	HAND HOLE - ZIPLY L 5'-8" x W 3'-8"
	JUNCTION BOX - ASTOUND L 4'-8" x W 4'-8" x D 4'-0"
	CONDUIT - COMCAST (SCHEDULE 40 PVC OR HDPE)
	CONDUIT - ZIPLY (SCHEDULE 40 PVC OR HDPE)
	CONDUIT - ASTOUND (SCHEDULE 40 PVC OR HDPE)
	PUD UTILITY POLE

- GENERAL NOTES**
- CONDUIT AND BOX LOCATIONS SHOWN ON PLAN IS APPROXIMATE. CONTRACTOR SHALL PLAN AND VERIFY ALIGNMENT TO AVOID CONFLICT WITH OTHER PROJECT ELEMENTS.
 - SEE UTILITY OWNERS (ASTOUND, COMCAST, ZIPLY) STANDARDS FOR ADDITIONAL MATERIAL AND INSTALLATION DETAILS.
 - ALL CONDUIT FOR THIS UTILITY SHALL BE SCHEDULE 40 PVC, UNLESS OTHERWISE INDICATED PER THE PRIVATE UTILITY WRITTEN STANDARDS.

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
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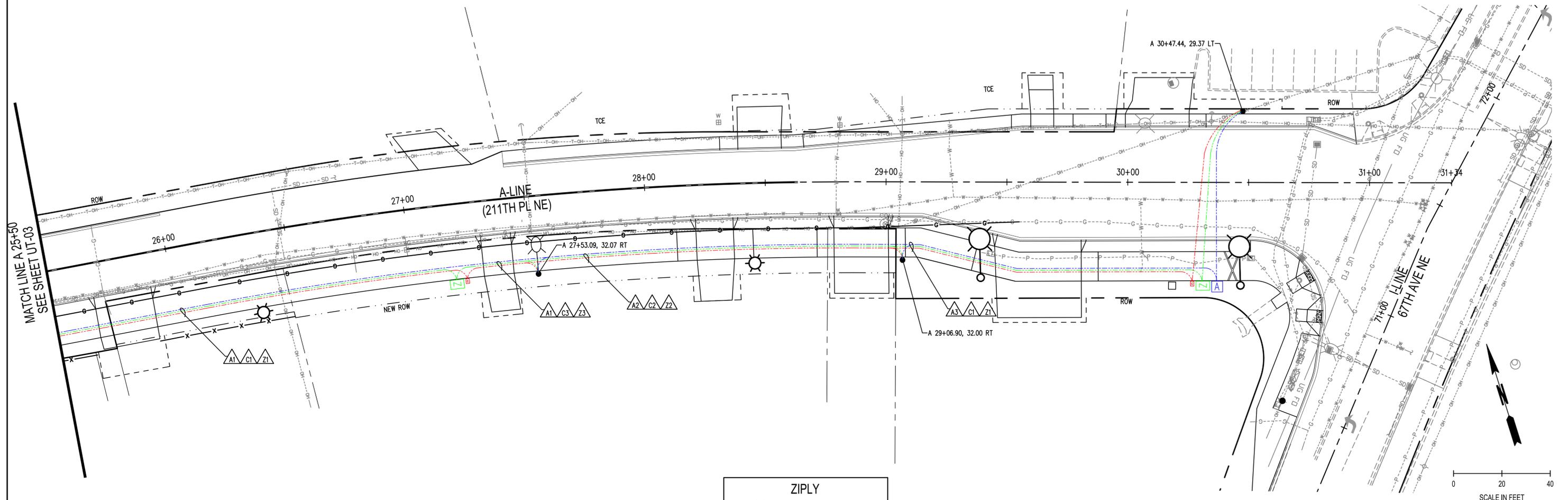


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
UTILITY PLAN

DRAWING No.:	UT-03
SHEET No.:	31 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP

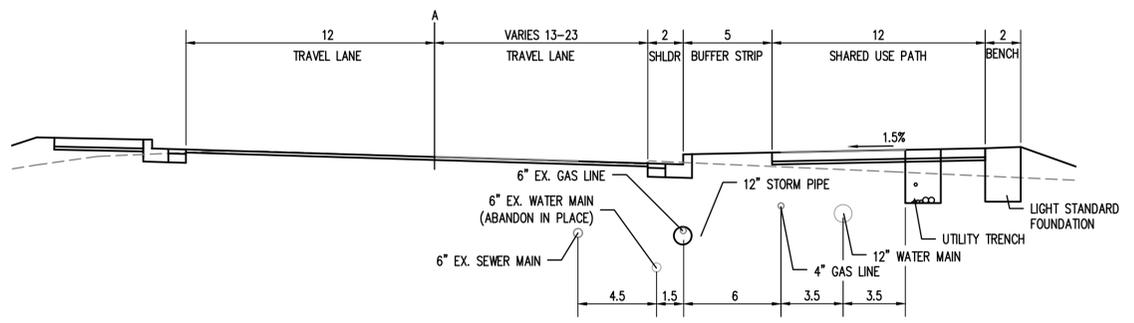
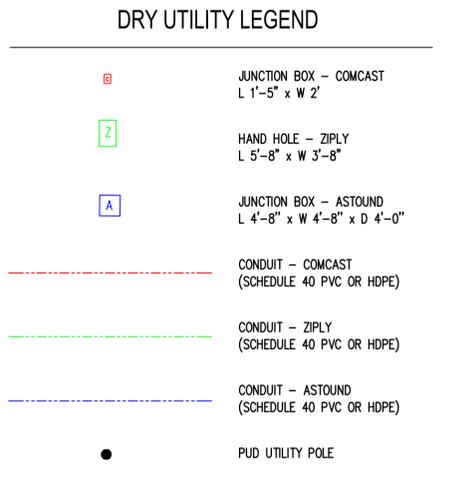


MATCH LINE A 25+50
SEE SHEET UT-03

ZIPLY CONDUIT SCHEDULE			
RUN NO.	4"φ	2"φ	COMMENTS
Z1	1		
Z2	1	1	
Z3	1	2	

COMCAST CONDUIT SCHEDULE			
RUN NO.	4"φ	2"φ	COMMENTS
C1	1		
C2	1	1	
C3	1	2	

ASTOUND CONDUIT SCHEDULE			
RUN NO.	2"φ	1"φ	COMMENTS
A1	1		
A2	1	1	
A3	1	2	



UTILITIES TYPICAL SECTION D
NTS
STA A 27+50

- GENERAL NOTES**
- CONDUIT AND BOX LOCATIONS SHOWN ON PLAN IS APPROXIMATE. CONTRACTOR SHALL PLAN AND VERIFY ALIGNMENT TO AVOID CONFLICT WITH OTHER PROJECT ELEMENTS.
 - SEE UTILITY OWNERS (ASTOUND, COMCAST, ZIPLY) STANDARDS FOR ADDITIONAL MATERIAL AND INSTALLATION DETAILS.
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CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

UTILITY PLAN

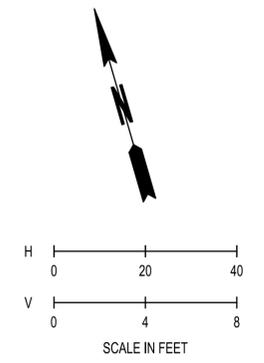
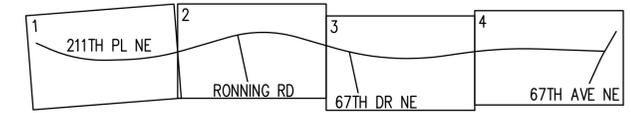
DRAWING No.:
UT-04

SHEET No.:
32 OF 81

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SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP

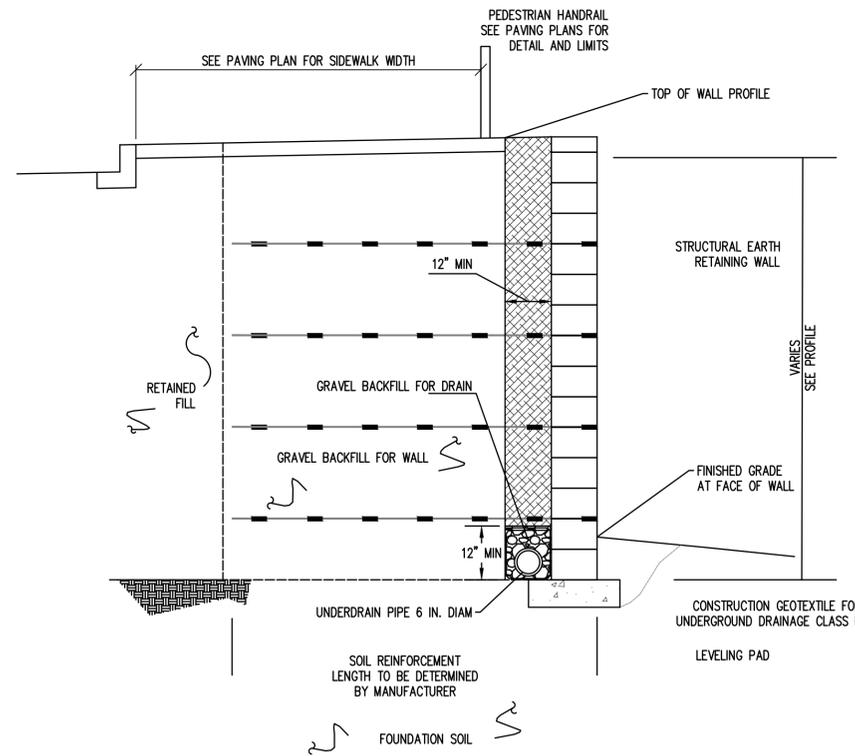
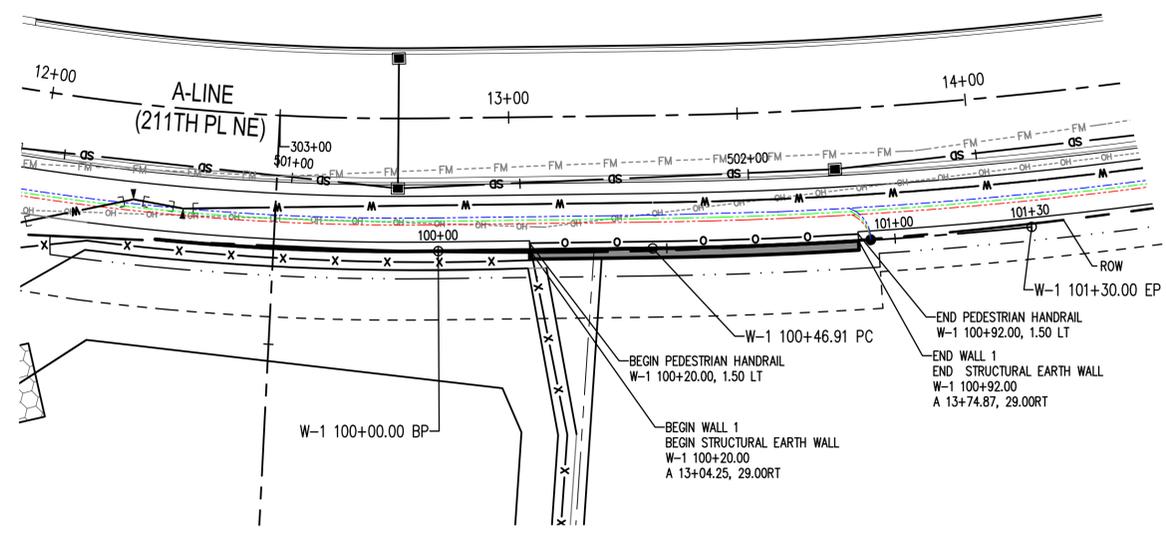


LEGEND

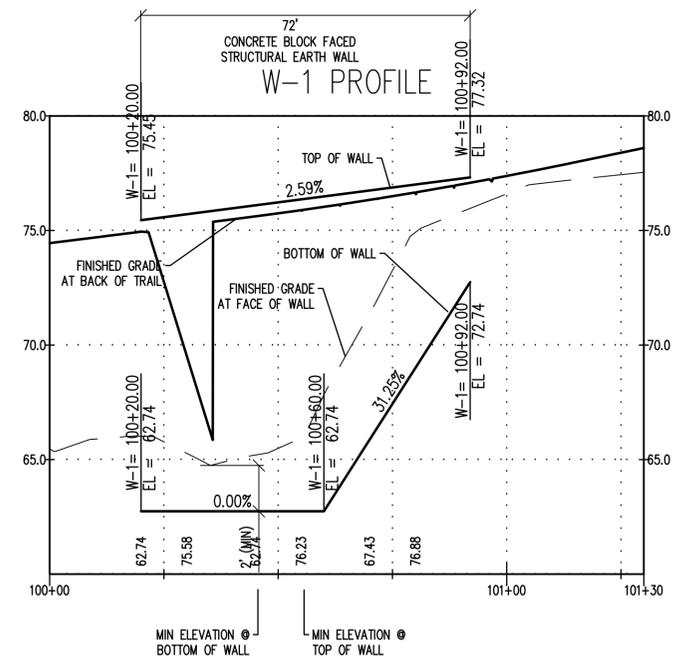
- RETAINING WALL
- CHAIN LINK FENCE TYPE 4
- PEDESTRIAN HANDRAIL
- PUD POLE
- STORM PIPE
- CATCH BASIN TYPE 1
- CONDUIT
- JUNCTION BOX
- HAND HOLE
- WATER MAIN
- GATE VALVE
- HYDRANT

GENERAL WALL NOTES:

1. SEE STORM DRAINAGE PLAN FOR STORM PIPE ELEVATIONS.
2. SEE UTILITY PLAN FOR UTILITY TRENCH INFORMATION.
3. SEE WATER PLAN FOR WATER PIPE ELEVATIONS.



TYPICAL CROSS SECTION - STRUCTURAL EARTH WALL



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 PROJECTS\6750 CITY OF ARLINGTON\22-000884 ARLINGTON 211TH NE-67TH AVE (ADD)_22-000884 RWD-01.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 RETAINING WALL DETAILS

DRAWING No.:
 WD-01
 SHEET No.:
 33 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP

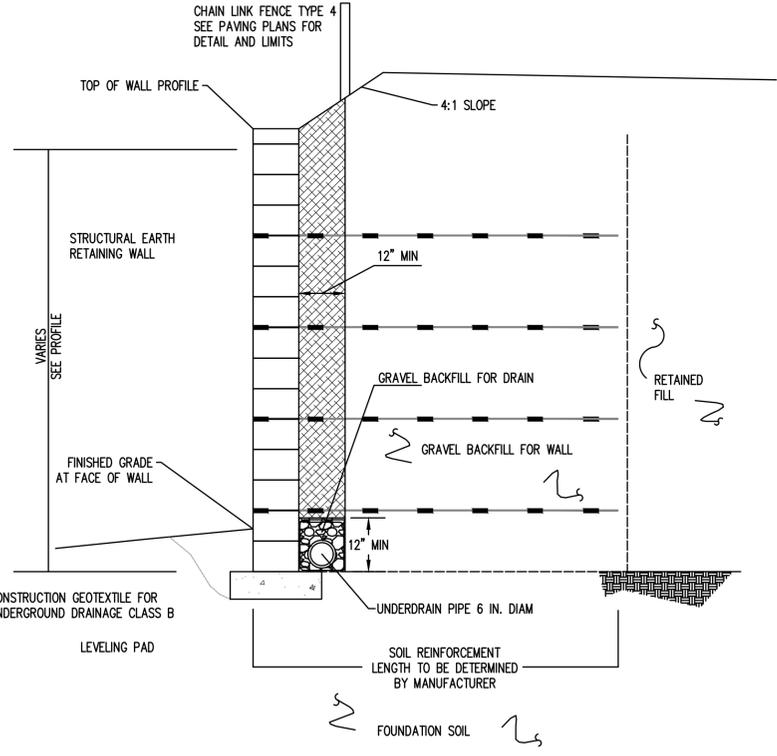
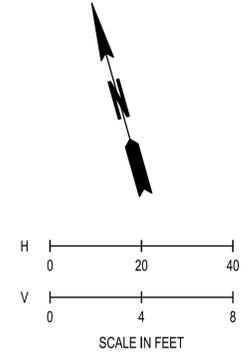
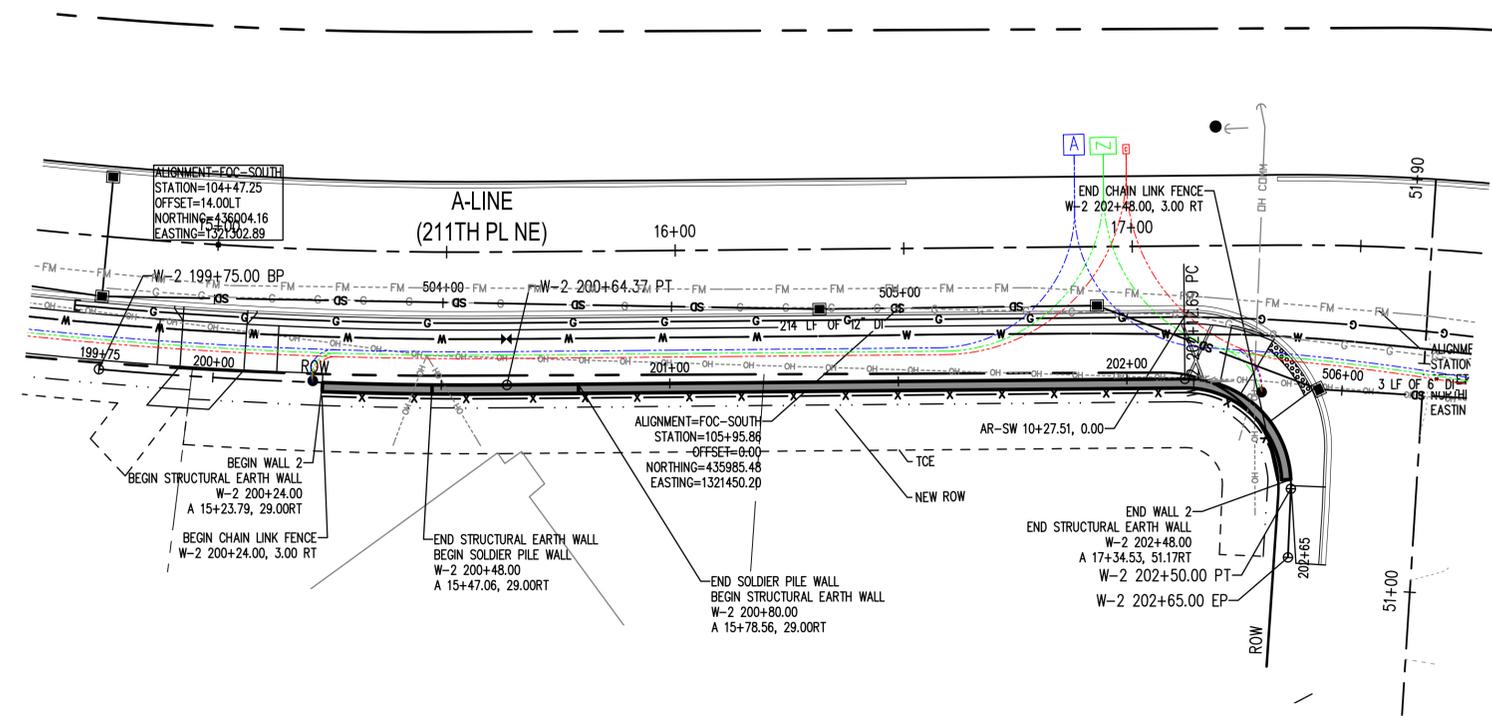


LEGEND

- RETAINING WALL
- CHAIN LINK FENCE TYPE 4
- PEDESTRIAN HANDRAIL
- PUD POLE
- STORM PIPE
- CATCH BASIN TYPE 1
- CONDUIT
- JUNCTION BOX
- HAND HOLE
- WATER MAIN
- GATE VALVE
- HYDRANT

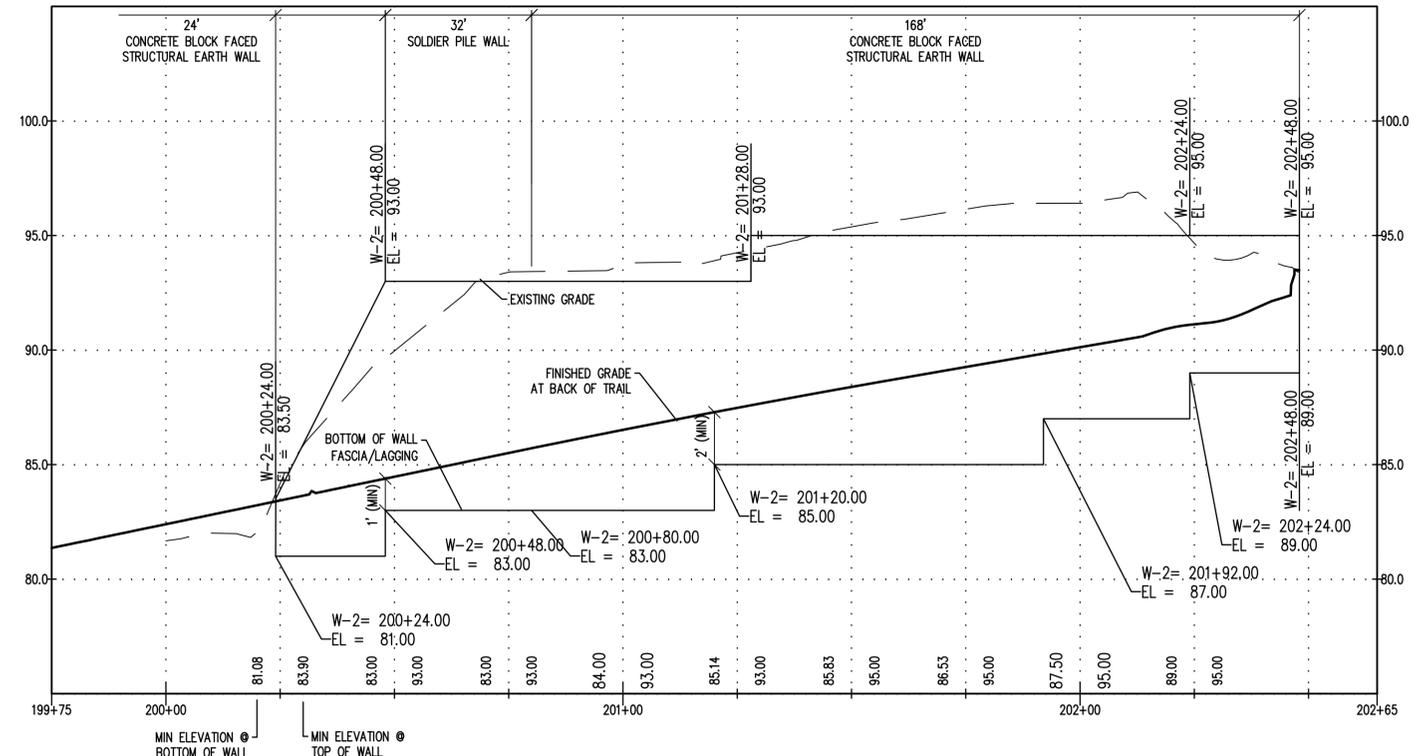
GENERAL WALL NOTES:

1. SEE STORM DRAINAGE PLAN FOR STORM PIPE ELEVATIONS.
2. SEE UTILITY PLAN FOR UTILITY TRENCH INFORMATION.
3. SEE WATER PLAN FOR WATER PIPE ELEVATIONS.



TYPICAL CROSS SECTION - STRUCTURAL EARTH WALL

W-2 PROFILE



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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 RWD-01

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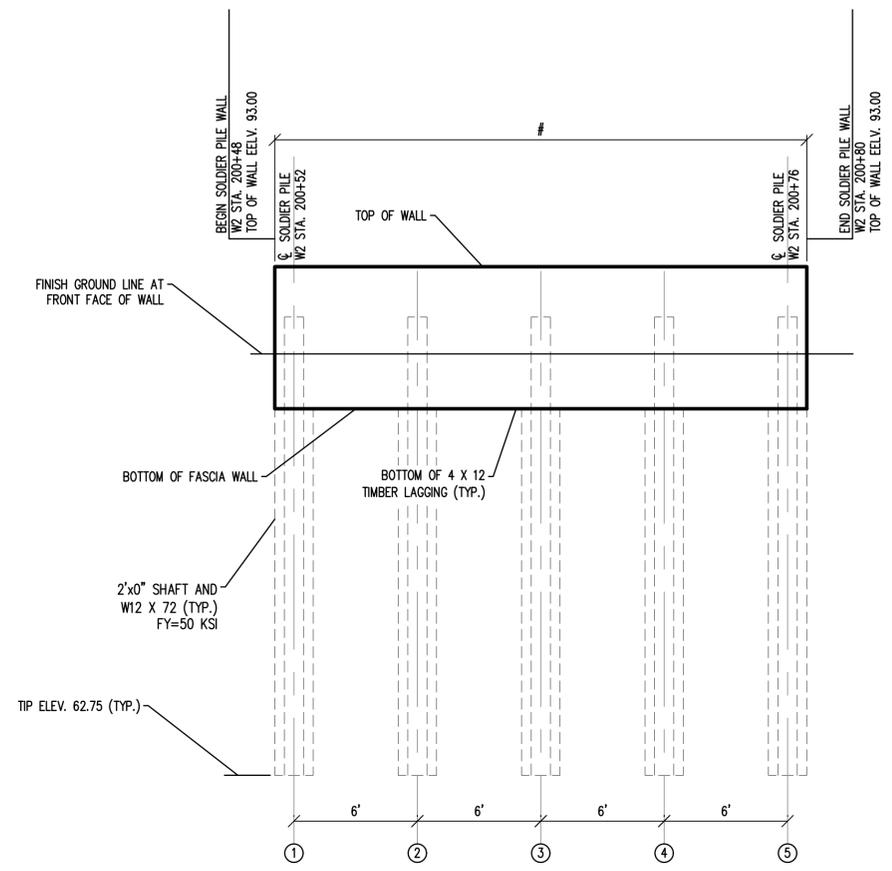
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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 RETAINING WALL DETAILS

DRAWING No.:	WD-02
SHEET No.:	34 OF 81



Ⓜ = SOLDIER PILE NUMBER

ELEVATIONS - SOLDIER PILE WALL

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 A:\PROJECTS\2024\CITY OF ARLINGTON\22-000884-ARLINGTON 211TH NE-67TH AVE (CADD)\22-000884-RWD-01.DWG

REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: _22-000884 RWD-01

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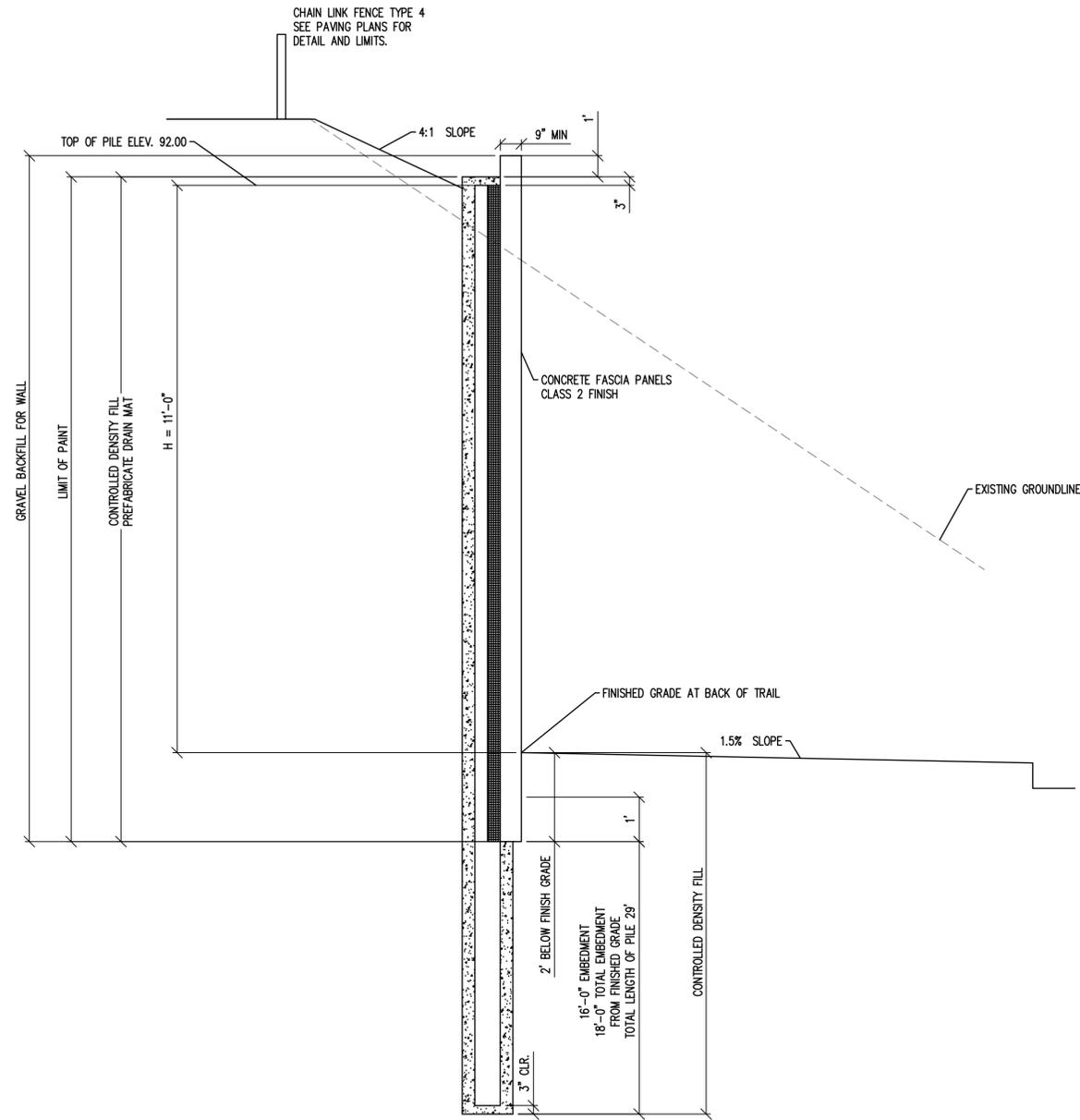

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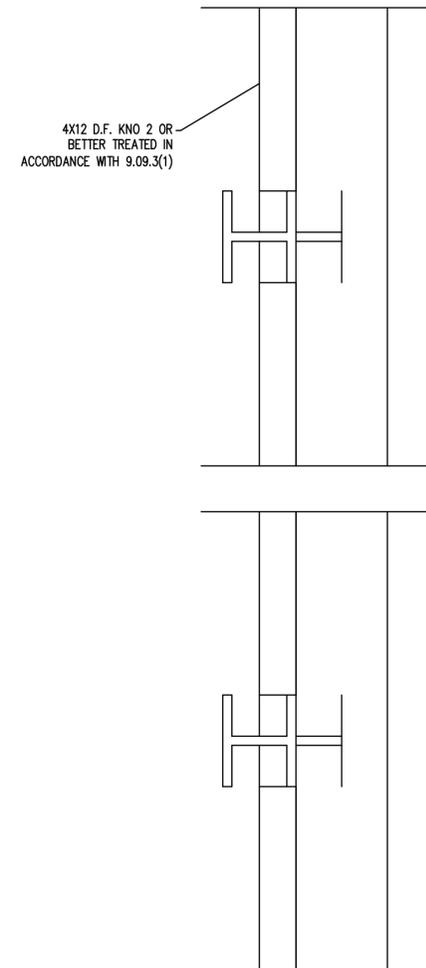
CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
RETAINING WALL DETAILS

DRAWING No.: WD-03
SHEET No.: 35 OF 81

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TYPICAL CROSS SECTION - SOLDIER PILE WALL



PLAN - SOLDIER PILE

REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: _22-000884 RWD-01

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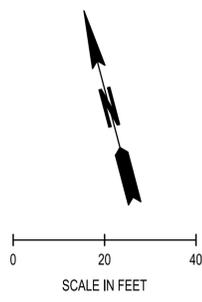
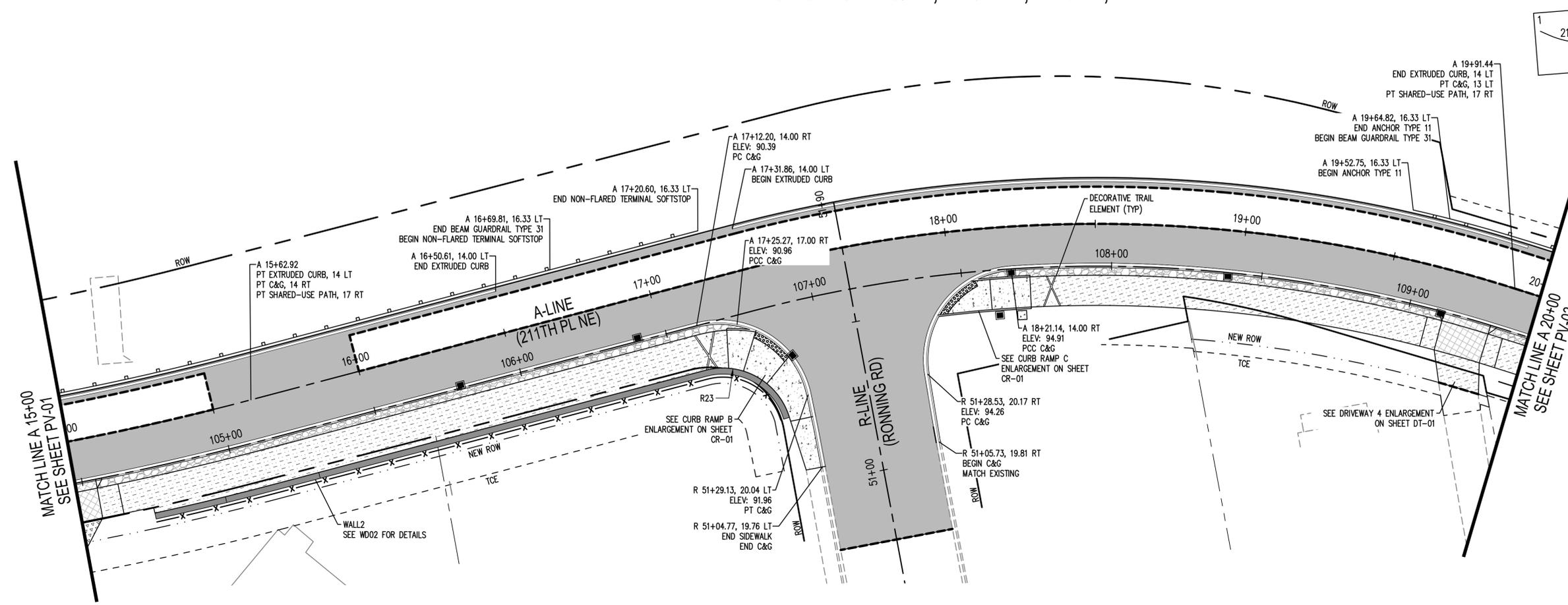
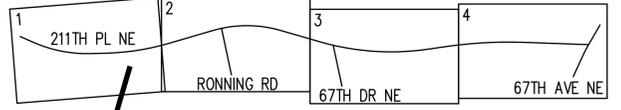


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
RETAINING WALL DETAILS

DRAWING No.: WD-04
SHEET No.: 36 OF 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.

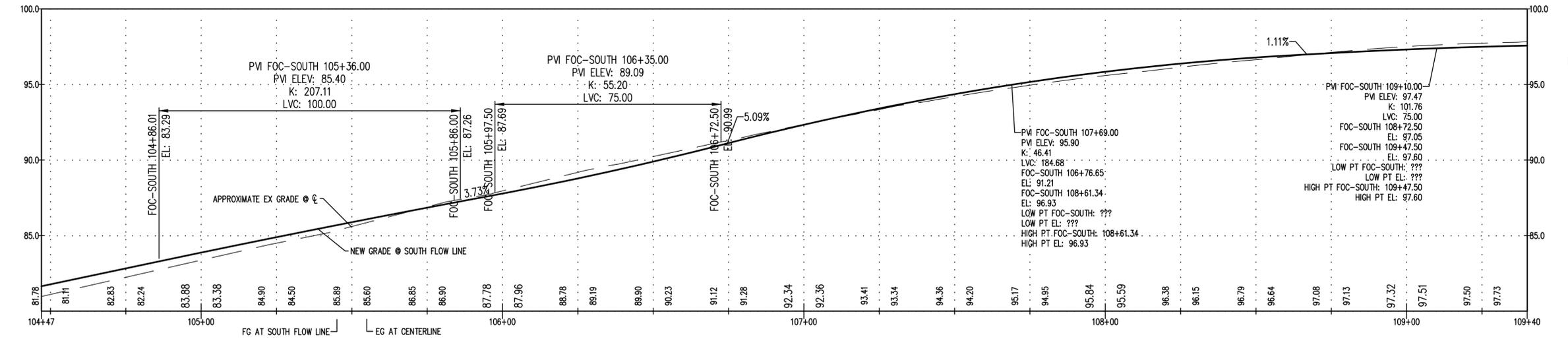
KEY MAP



PAVING LEGEND

- CEMENT CONCRETE DRIVEWAY APPROACH
- HMA FULL-DEPTH PAVEMENT
- TEXTURED CEMENT CONC. PAVEMENT
- COMMERCIAL HMA
- GRAVEL (CSBC)
- CEMENT CONCRETE CURB & GUTTER
- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE
- EXTRUDED CURB
- ASPHALT THICKENED EDGE (SEE ARLINGTON STD. DETAIL R-190)
- RETAINING WALL
- BEAM GUARDRAIL TYPE 31
- PEDESTRIAN HANDRAIL (SEE ARLINGTON STD. DETAIL R-160)

- NOTES:**
1. ALL REFERENCES TO CURBS ARE TO FACE OF CURB/FLOWLINE.
 2. ALL RADII ARE 30" DIAMETER UNLESS OTHERWISE NOTED.
 3. ALL REFERENCES TO CURB BREAKS ARE TO FACE OF CURB/FLOW LINE AT THE CENTER OF THE CURB BREAK.
 4. SEE CH-05 FOR DECORATIVE TRAIL ELEMENT.
 5. DESIGN PROFILE SHOWN IS OFFSET 14' RIGHT FROM A CL, WHILE EXISTING PROFILE SHOWN IS ALONG A CL.
 6. SEE PV-05 FOR SIDE ALIGNMENT PROFILES.
 7. ALL ELEVATION CALLOUTS ARE TO FACE OF CURB/FLOW LINE, UNLESS OTHERWISE STATED.



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 PV-01

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CITY OF ARLINGTON

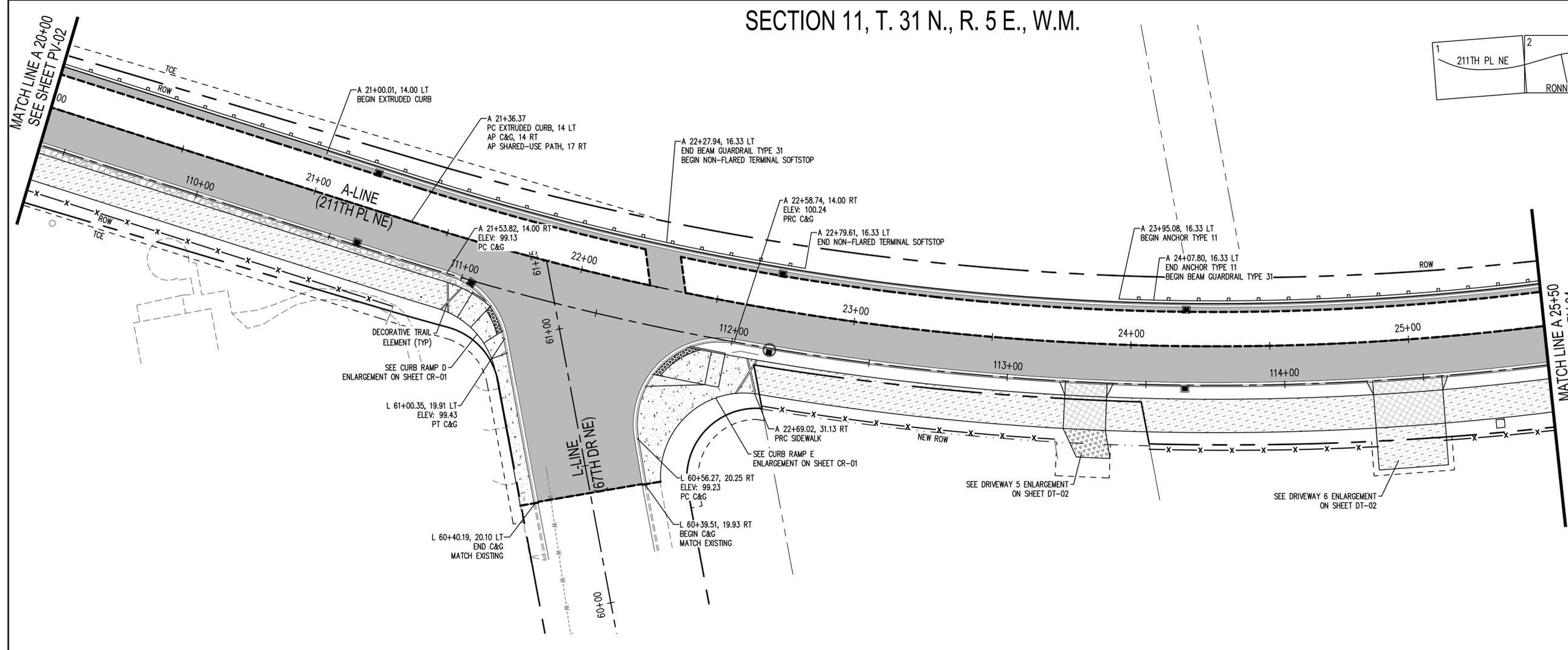
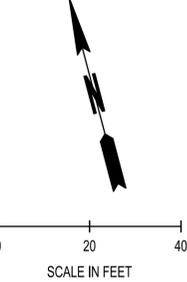
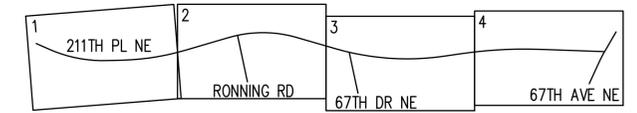
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

PAVING PLAN

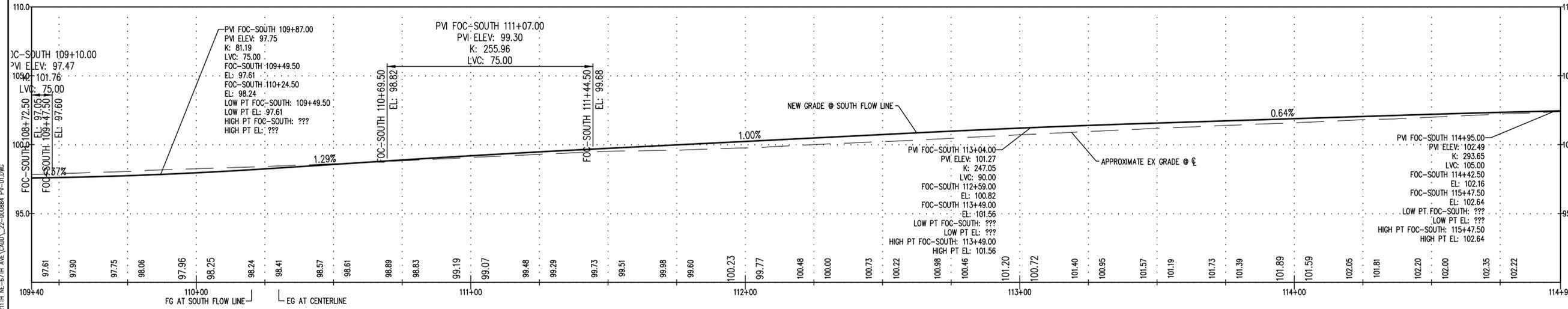
DRAWING No.: PV-02
SHEET No.: 38 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP



- ### PAVING LEGEND
- CEMENT CONCRETE DRIVEWAY APPROACH
 - HMA FULL-DEPTH PAVEMENT
 - TEXTURED CEMENT CONC. PAVEMENT
 - COMMERCIAL HMA
 - GRAVEL (CSBC)
 - CEMENT CONCRETE CURB & GUTTER
 - CEMENT CONCRETE SIDEWALK
 - DETECTABLE WARNING SURFACE
 - EXTRUDED CURB
 - ASPHALT THICKENED EDGE (SEE ARLINGTON STD. DETAIL R-190)
 - RETAINING WALL
 - BEAM GUARDRAIL TYPE 31
 - PEDESTRIAN HANDRAIL (SEE ARLINGTON STD. DETAIL R-160)



- ### NOTES:
1. ALL REFERENCES TO CURBS ARE TO FACE OF CURB/FLOWLINE.
 2. ALL RADII ARE 30' DIAMETER UNLESS OTHERWISE NOTED.
 3. ALL REFERENCES TO CURB BREAKS ARE TO FACE OF CURB/FLOW LINE AT THE CENTER OF THE CURB BREAK.
 4. SEE CH-05 FOR DECORATIVE TRAIL ELEMENT.
 5. DESIGN PROFILE SHOWN IS OFFSET 14' RIGHT FROM A CL, WHILE EXISTING PROFILE SHOWN IS ALONG A CL.
 6. SEE PV-05 FOR SIDE ALIGNMENT PROFILES.
 7. ALL ELEVATION CALLOUTS ARE TO FACE OF CURB/FLOW LINE, UNLESS OTHERWISE STATED.

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
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			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 PV-01

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211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

PAVING PLAN

DRAWING No.: PV-03
SHEET No.: 39 OF 81

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SECTION 11, T. 31 N., R. 5 E., W.M.

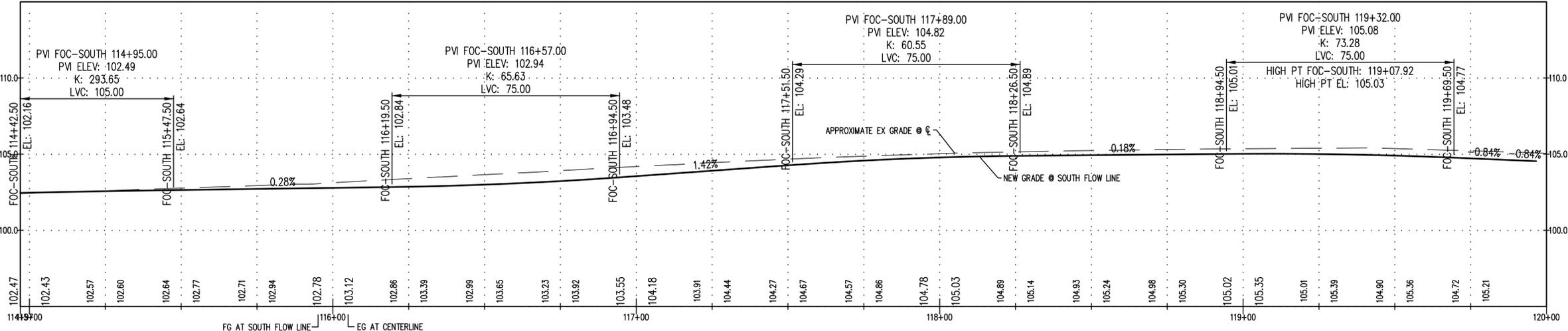
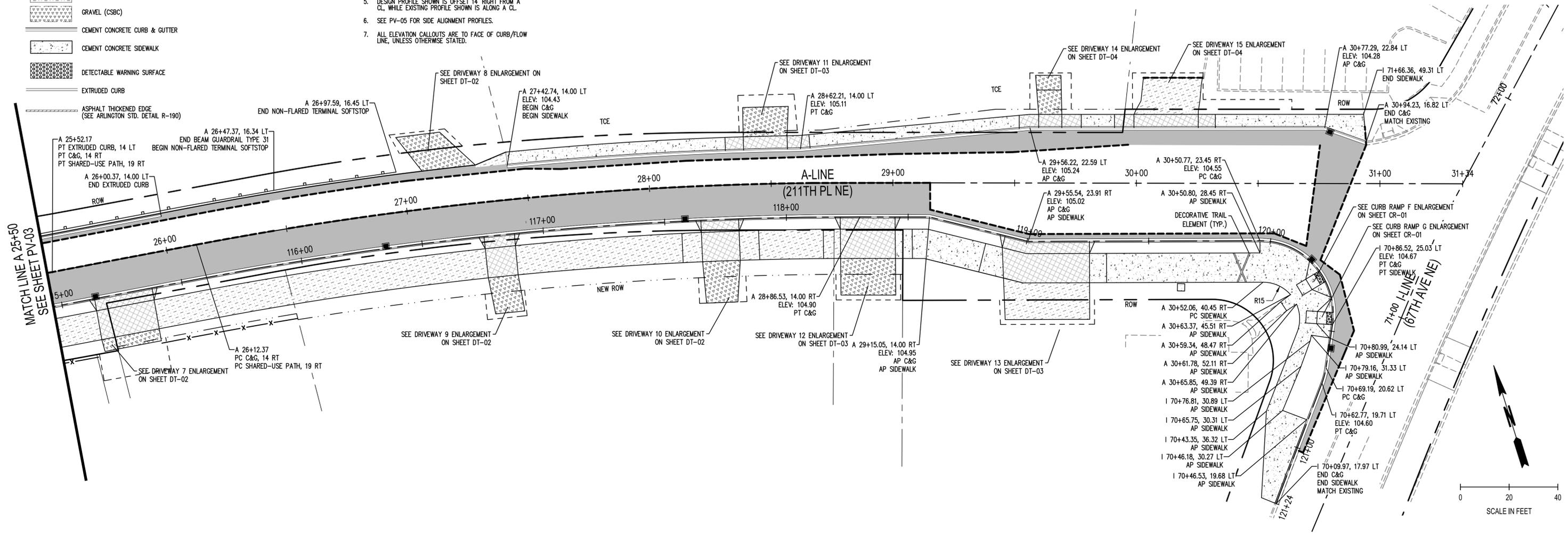
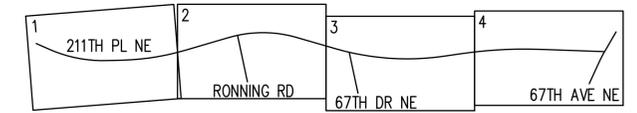
PAVING LEGEND

- CEMENT CONCRETE DRIVEWAY APPROACH
- HMA FULL-DEPTH PAVEMENT
- TEXTURED CEMENT CONC. PAVEMENT
- COMMERCIAL HMA
- GRAVEL (CSBC)
- CEMENT CONCRETE CURB & GUTTER
- CEMENT CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE
- EXTRUDED CURB
- ASPHALT THICKENED EDGE (SEE ARLINGTON STD. DETAIL R-190)
- RETAINING WALL
- BEAM GUARDRAIL TYPE 31
- PEDESTRIAN HANDRAIL (SEE ARLINGTON STD. DETAIL I)

NOTES:

1. ALL REFERENCES TO CURBS ARE TO FACE OF CURB/FLOWLINE.
2. ALL RADII ARE 30' DIAMETER UNLESS OTHERWISE NOTED.
3. ALL REFERENCES TO CURB BREAKS ARE TO FACE OF CURB/FLOW LINE AT THE CENTER OF THE CURB BREAK.
4. SEE CH-05 FOR DECORATIVE TRAIL ELEMENT.
5. DESIGN PROFILE SHOWN IS OFFSET 14' RIGHT FROM A CL, WHILE EXISTING PROFILE SHOWN IS ALONG A CL.
6. SEE PV-05 FOR SIDE ALIGNMENT PROFILES.
7. ALL ELEVATION CALLOUTS ARE TO FACE OF CURB/FLOW LINE, UNLESS OTHERWISE STATED.

KEY MAP



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 PROJECTS\SR530 CITY OF ARLINGTON\22-000884-ARLINGTON 211TH NE-67TH AVE\ROAD\22-000884_PV-04.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZZO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 PV-01

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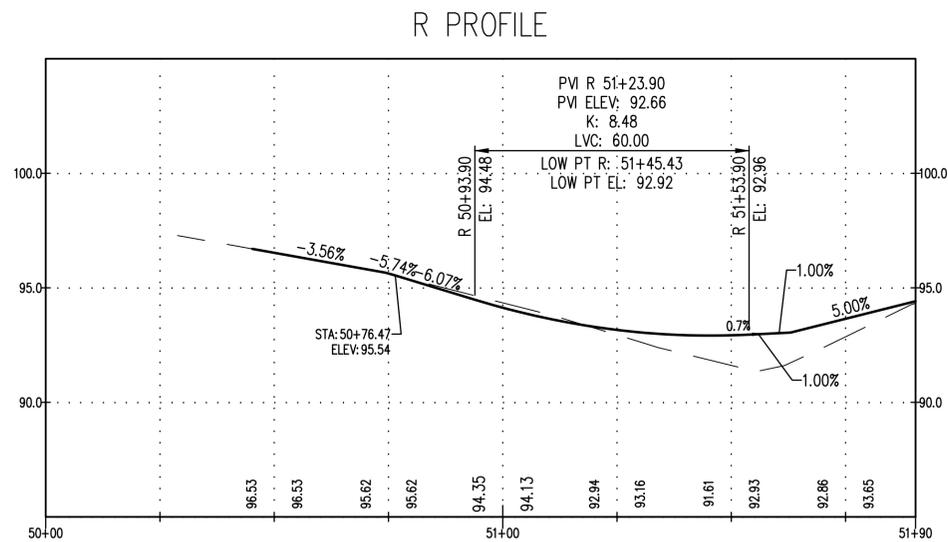
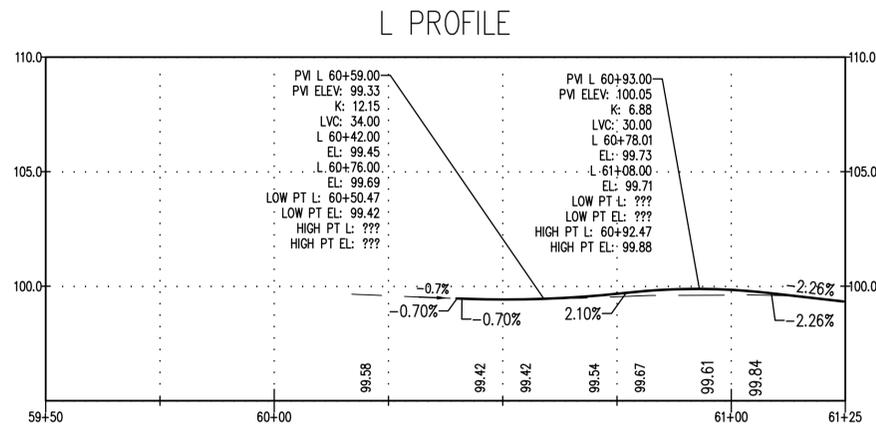
CITY OF ARLINGTON

CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

PAVING PLAN

DRAWING No.: PV-04
SHEET No.: 40 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 PV-01

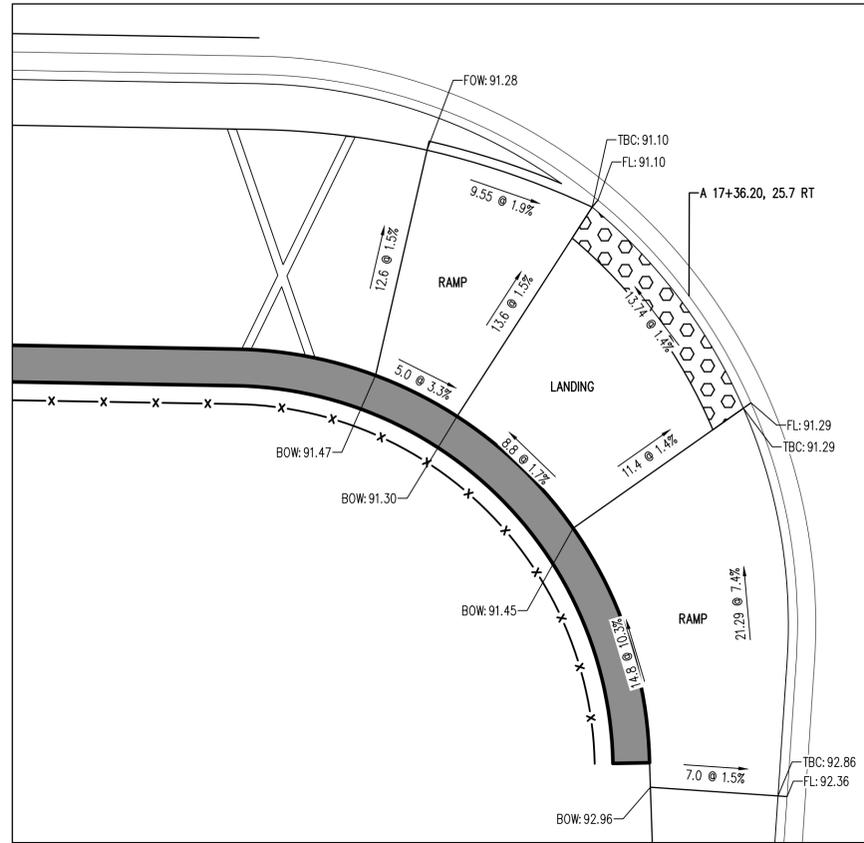
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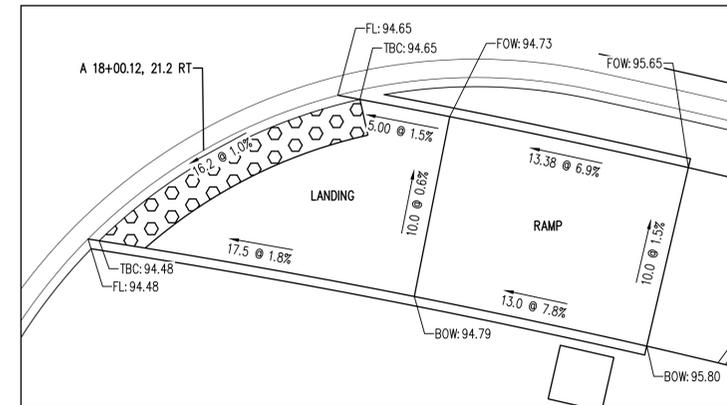

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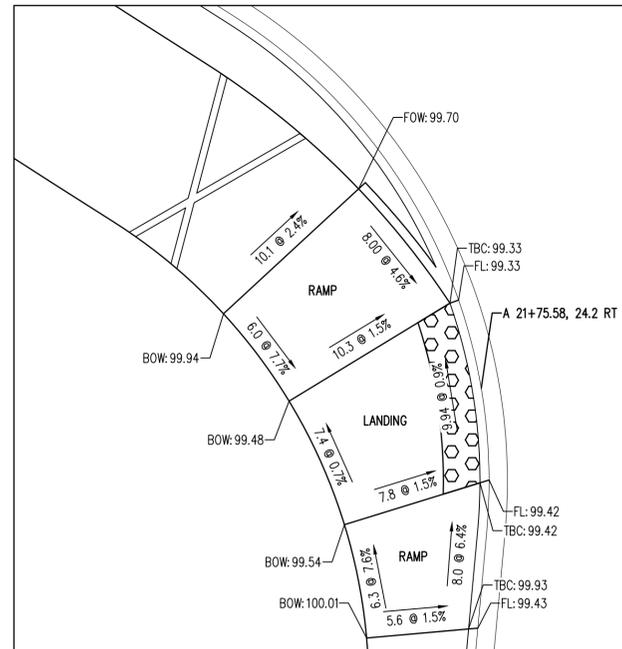
CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
PAVING PLAN



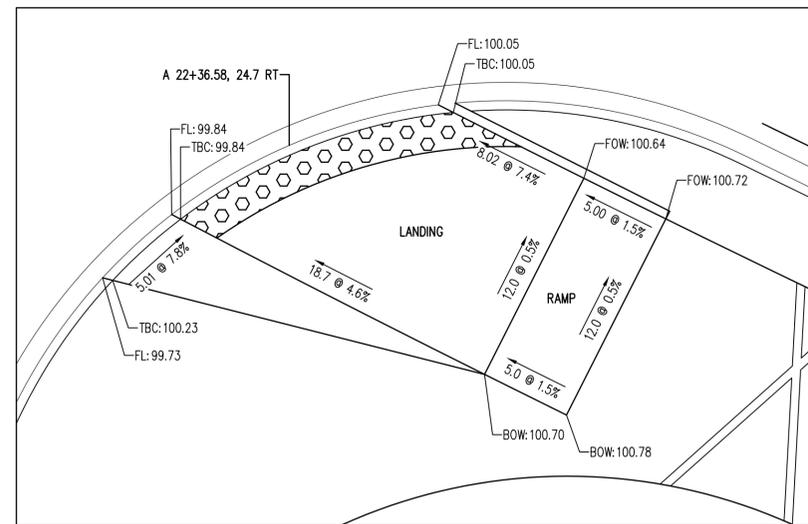
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 PER WSDOT STANDARD PLAN F-40.12-03



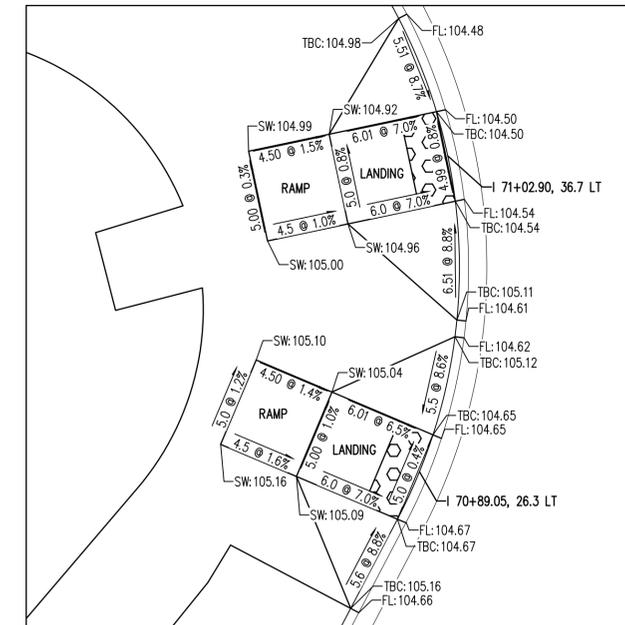
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 PER WSDOT STANDARD PLAN F-40.16-03



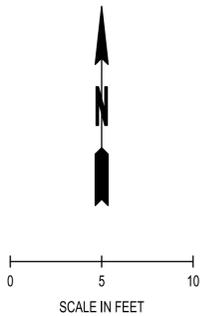
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 PER WSDOT STANDARD PLAN F-40.12-03



CURB RAMP E
 SINGLE DIRECTION CURB RAMP TYPE A WITH WING
 PER WSDOT STANDARD PLAN F-40.16-03



CURB RAMP F
 PERPENDICULAR CURB RAMP TYPE A
 PER WSDOT STANDARD PLAN F-40.15-03



ABBREVIATIONS
 FL: FLOWLINE
 TBC: TOP BACK OF CURB
 SW: TOP OF SIDEWALK
 FOW: FRONT OF SIDEWALK
 BOW: BACK OF SIDEWALK
 ME: MATCH EXISTING

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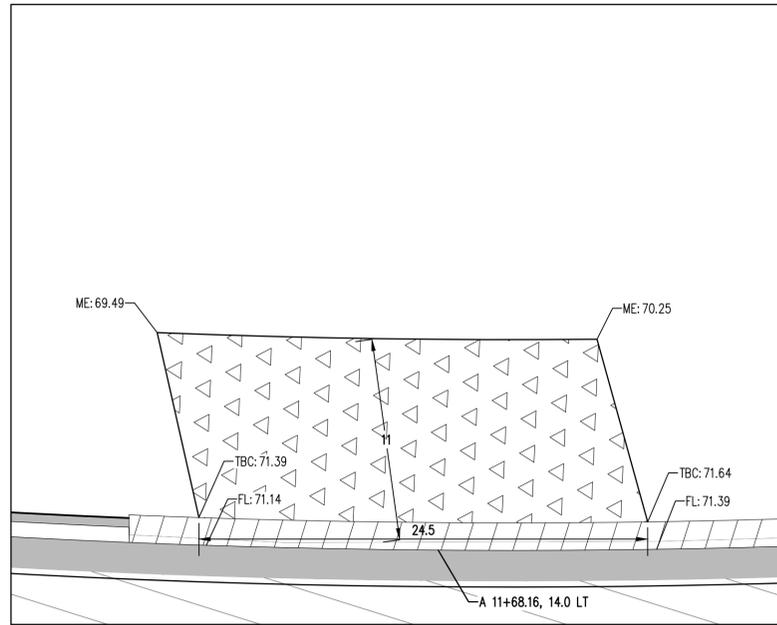
REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 CR-01

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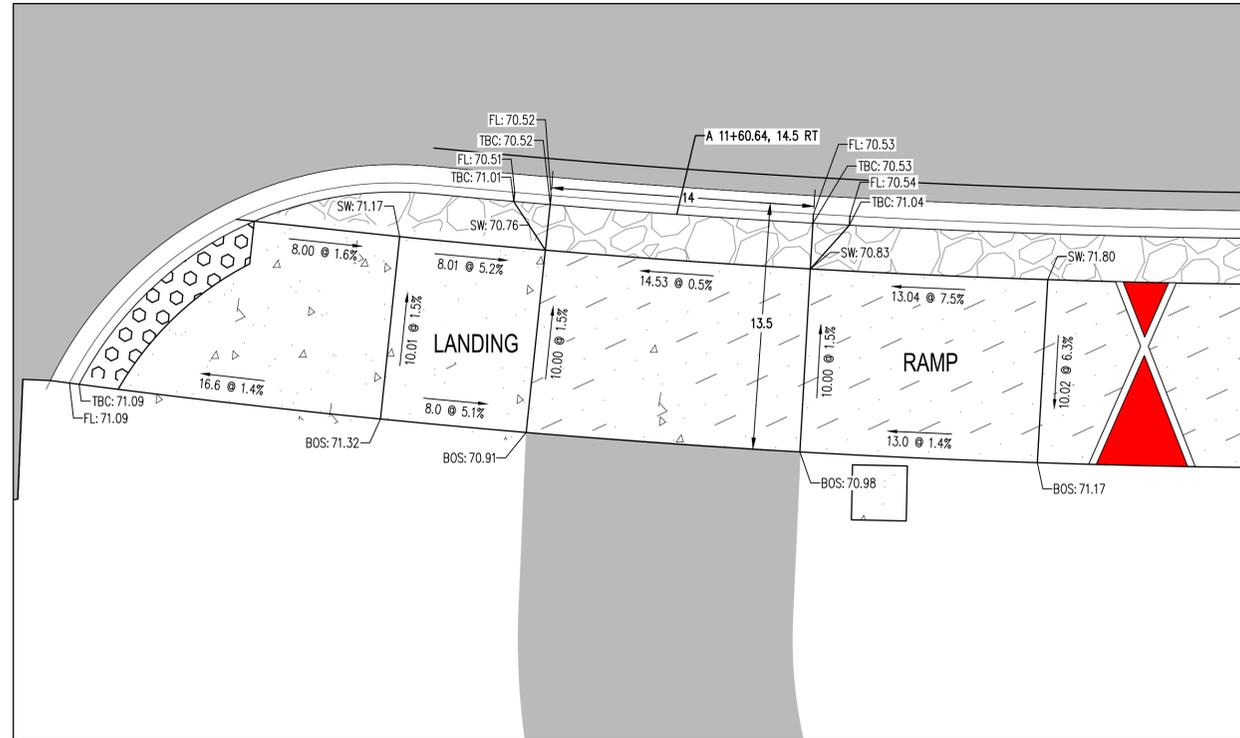
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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CURB RAMP DETAILS

DRAWING No.:
CR-01
 SHEET No.:
42 OF 81

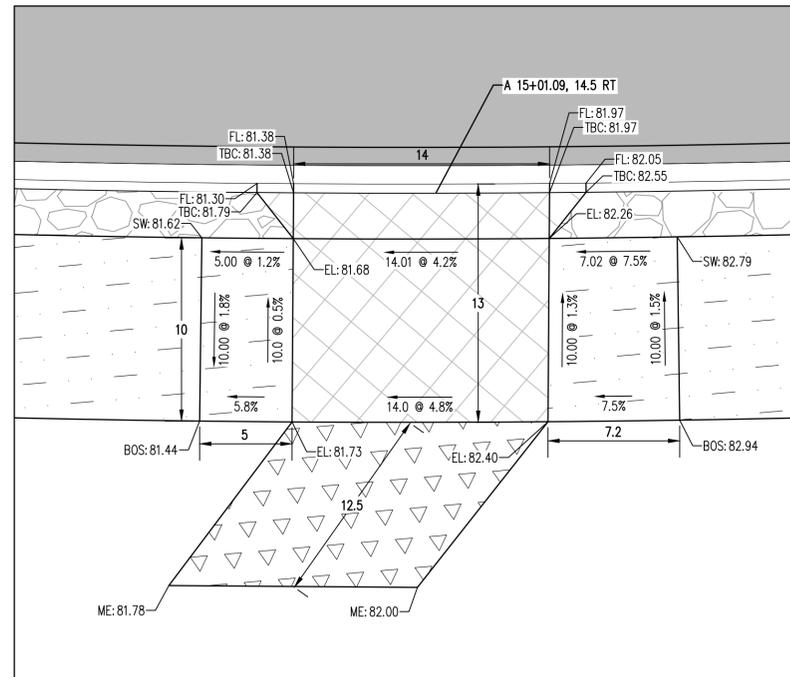


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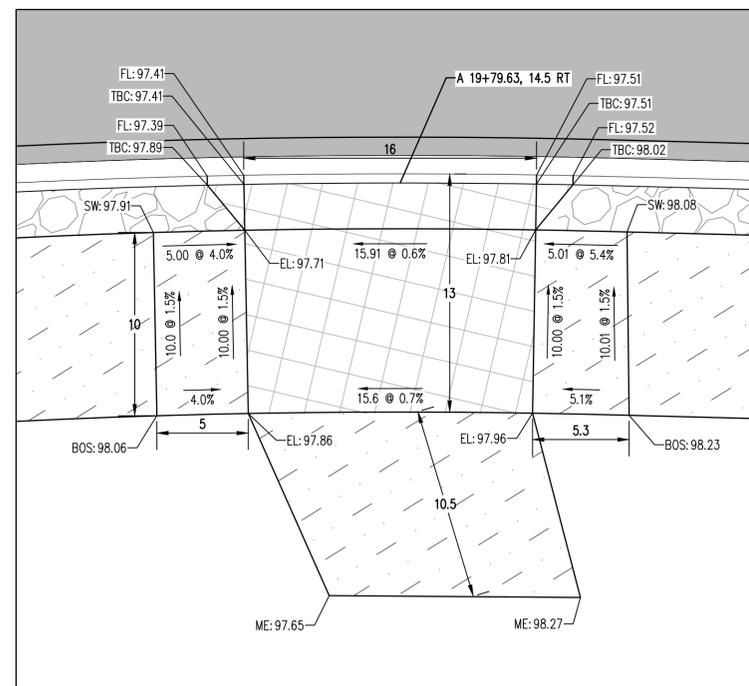


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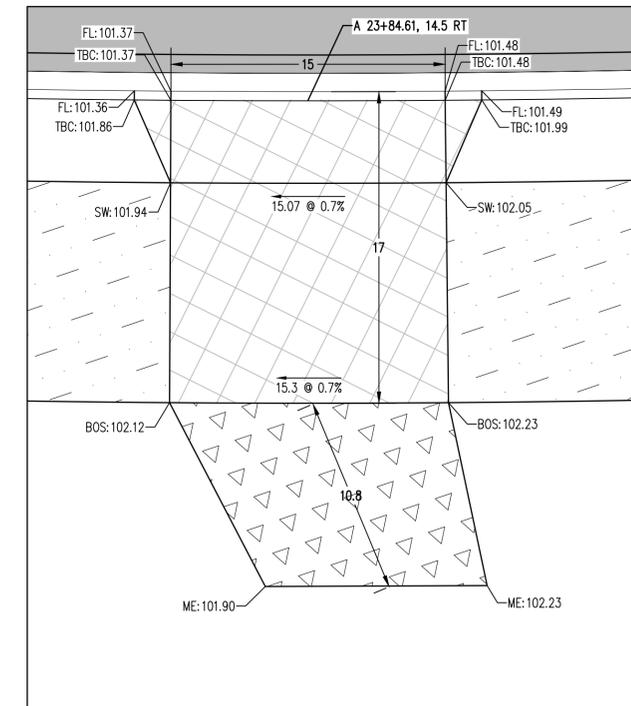
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PER WSDOT STANDARD PLAN F-40.16-03



DRIVEWAY 3



DRIVEWAY 4



DRIVEWAY 5

ABBREVIATIONS

FL: FLOWLINE
TBC: TOP BACK OF CURB
SW: TOP OF SIDEWALK
BOS: BACK OF SIDEWALK
ME: MATCH EXISTING

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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 DT-01

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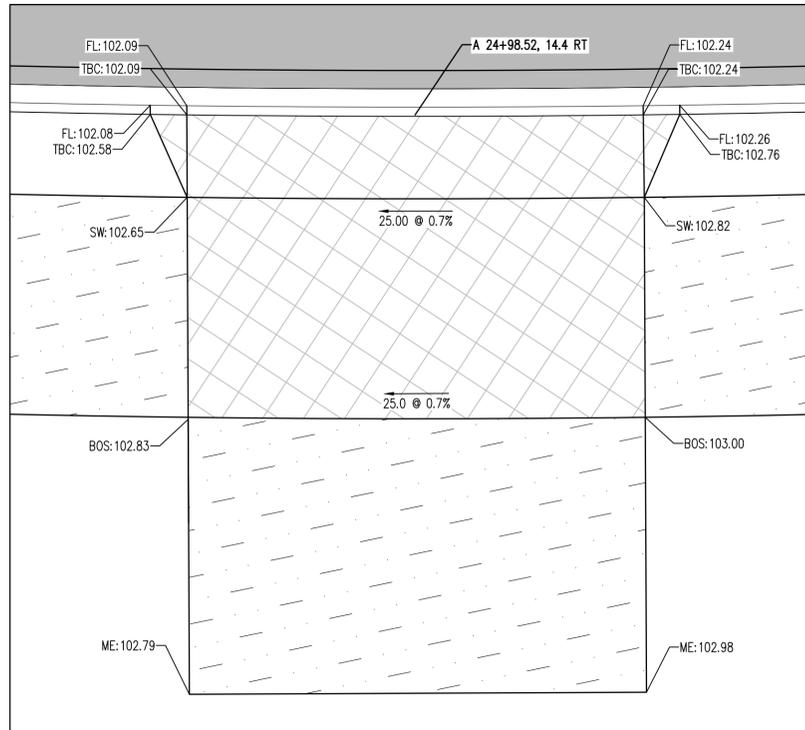


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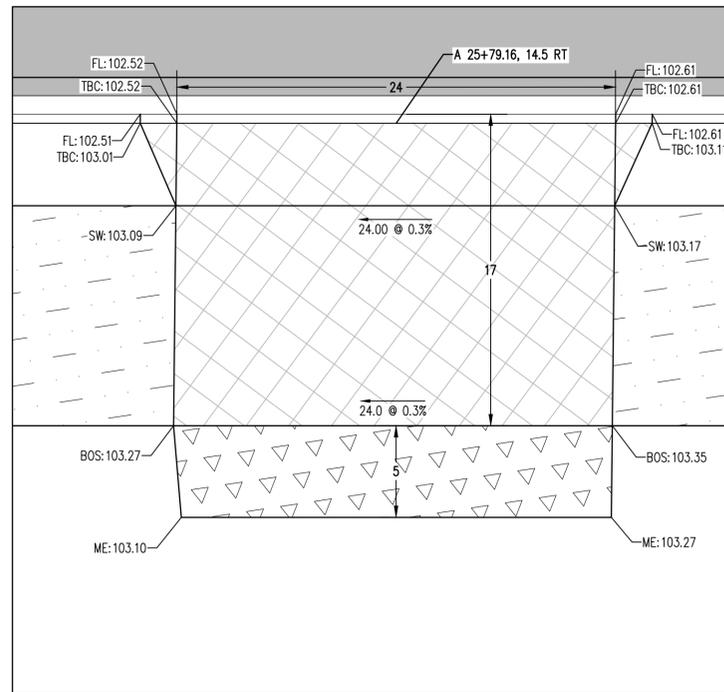


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 DRIVEWAY DETAILS

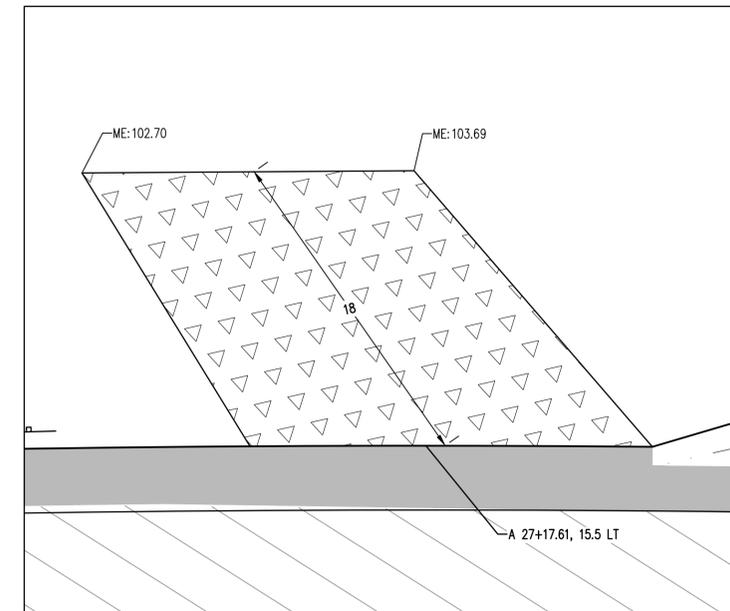
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SHEET No.:	43 OF 81



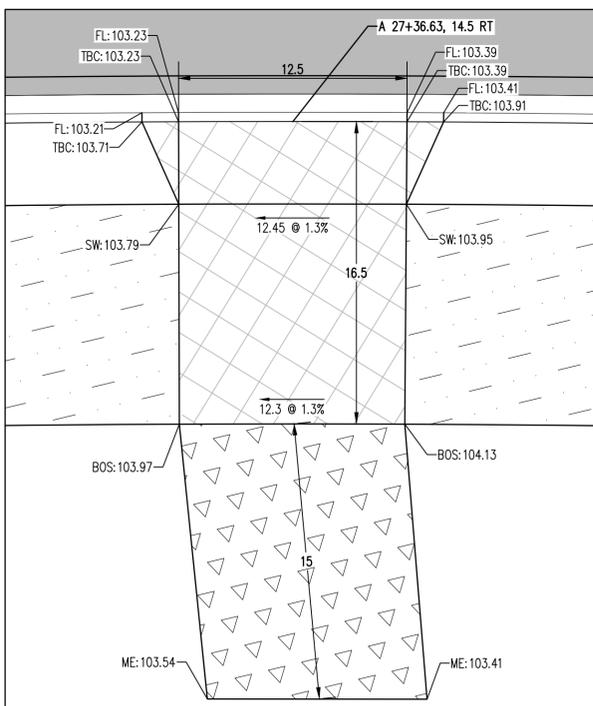
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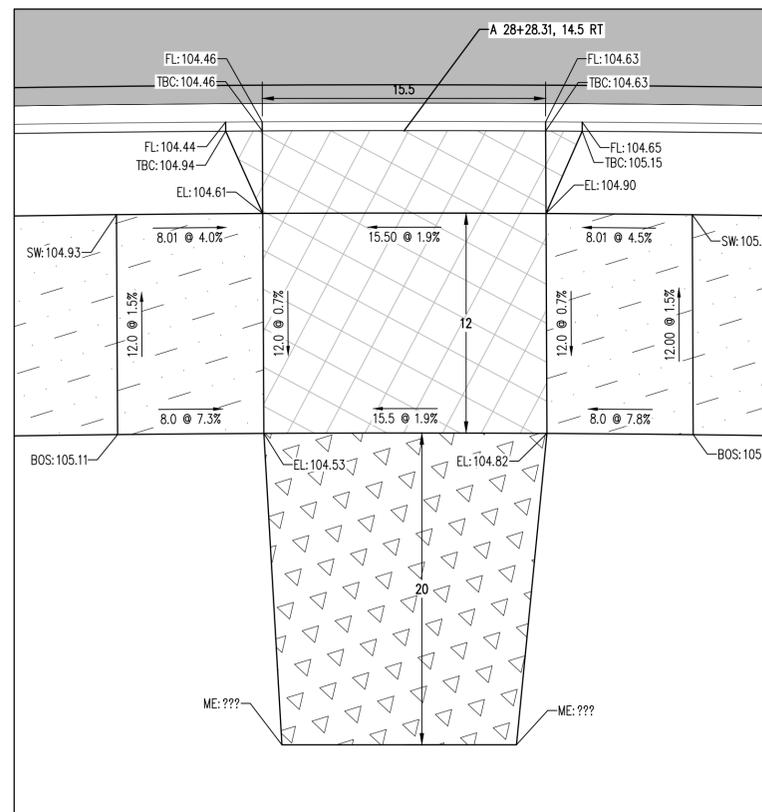
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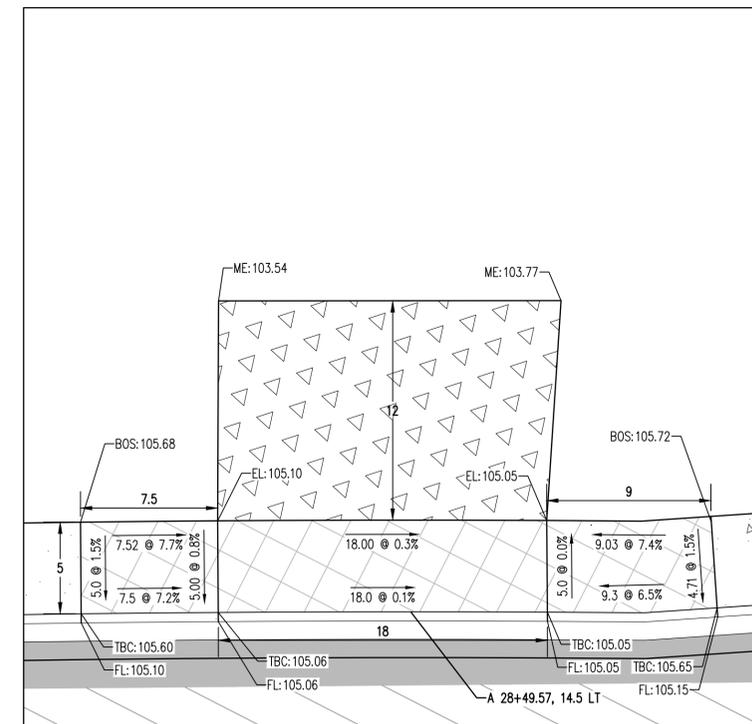
DRIVEWAY 8



DRIVEWAY 9



DRIVEWAY 10



DRIVEWAY 11

ABBREVIATIONS

- FL: FLOWLINE
- TBC: TOP BACK OF CURB
- SW: TOP OF SIDEWALK
- BOS: BACK OF SIDEWALK
- ME: MATCH EXISTING

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 DT-01

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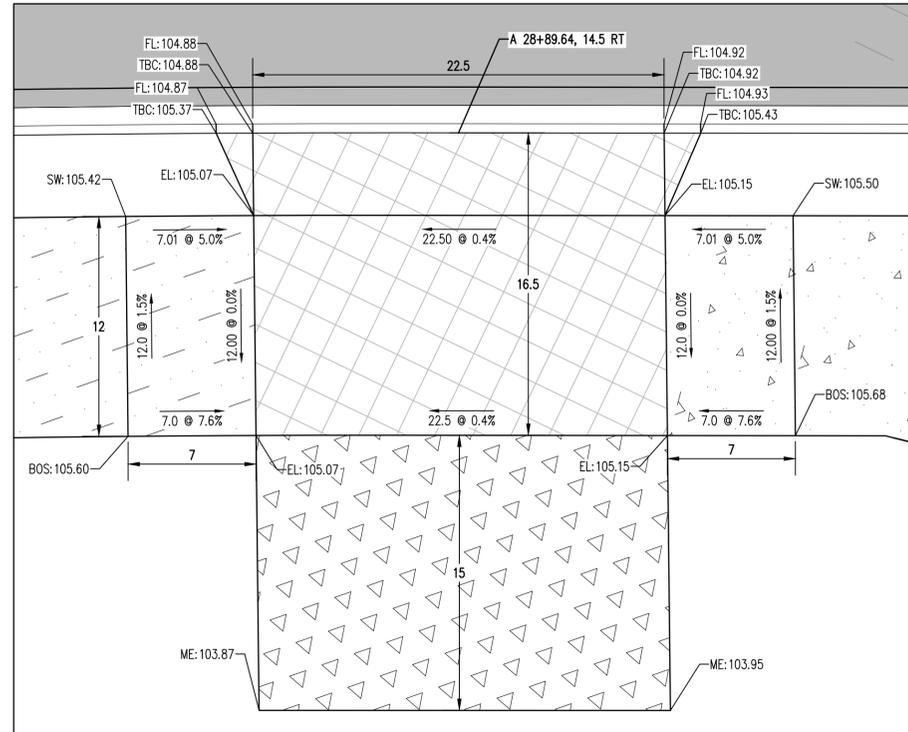
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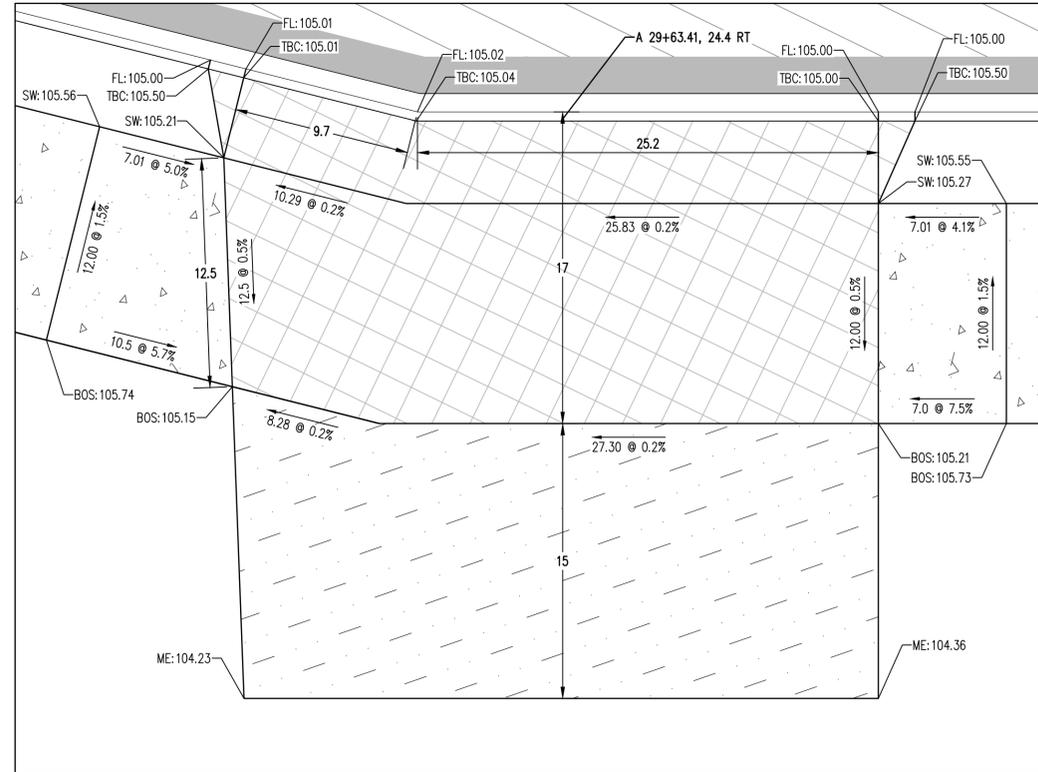
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

DRIVEWAY DETAILS

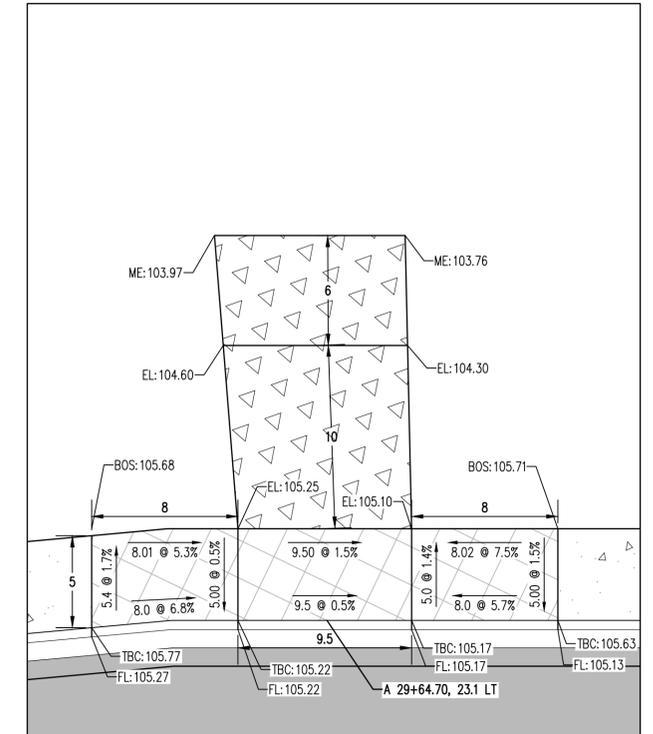
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SHEET No.:	44 OF 81



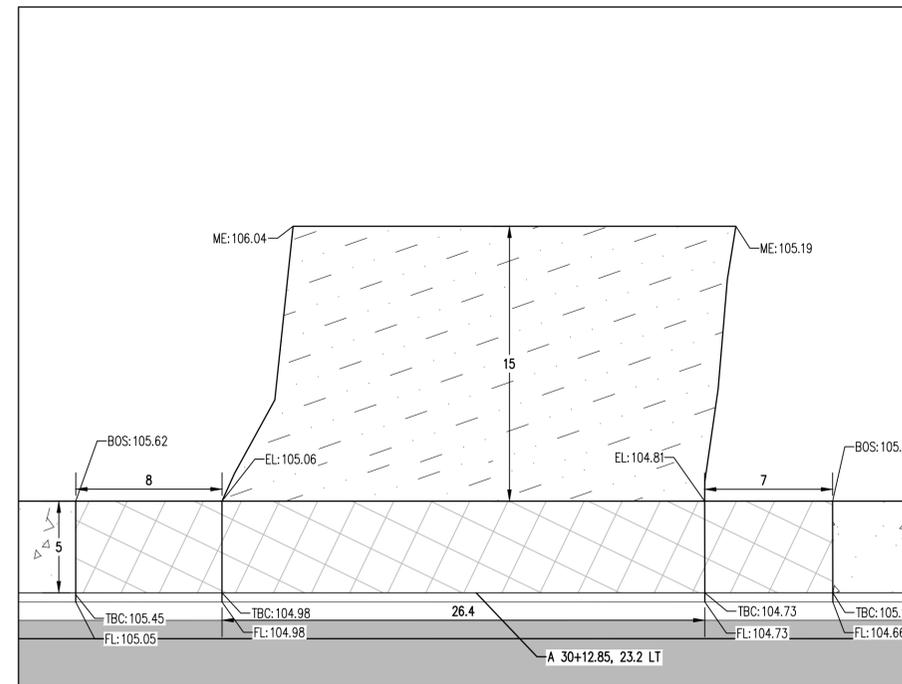
DRIVEWAY 12



DRIVEWAY 13



DRIVEWAY 14



DRIVEWAY 15



ABBREVIATIONS

- FL: FLOWLINE
- TBC: TOP BACK OF CURB
- SW: TOP OF SIDEWALK
- BOS: BACK OF SIDEWALK
- ME: MATCH EXISTING

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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
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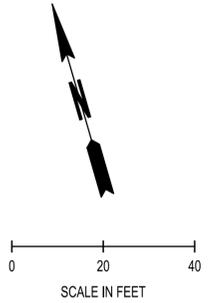
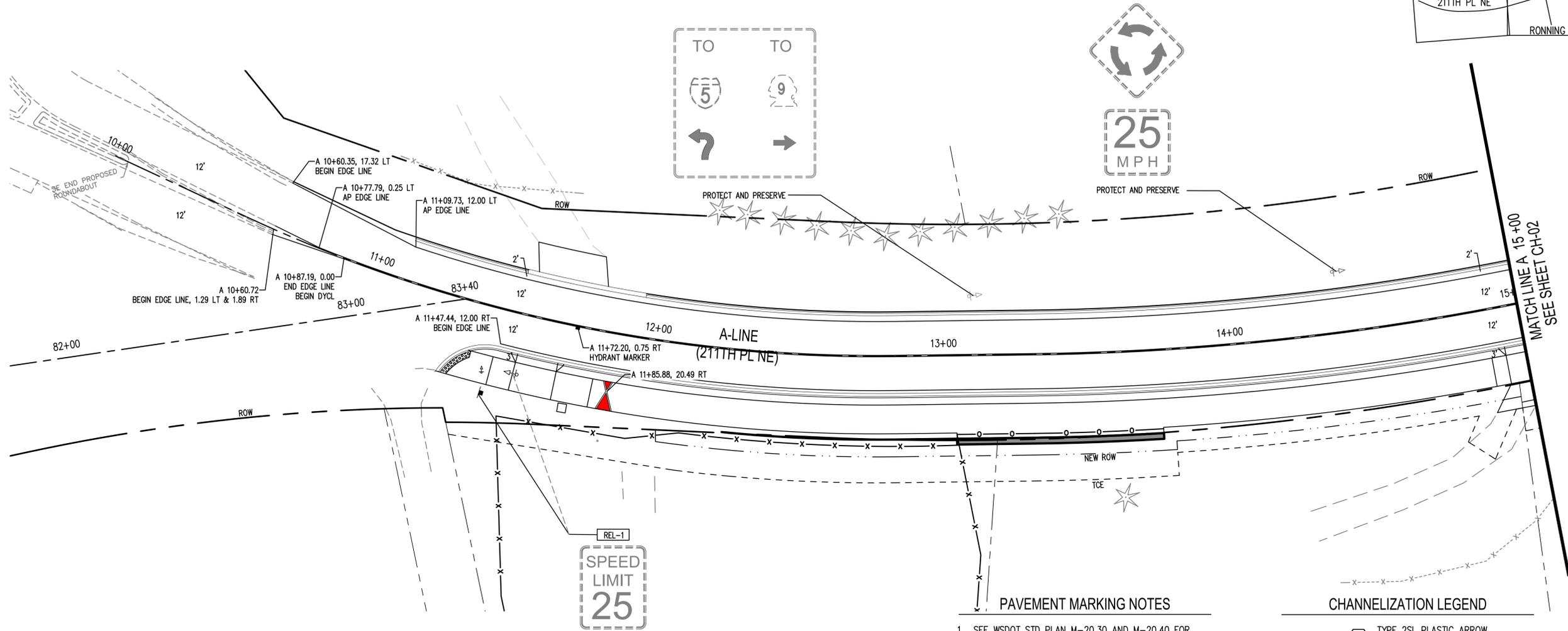
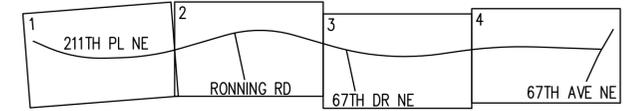
CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE

DRIVEWAY DETAILS

DRAWING No.:	DT-03
SHEET No.:	45 OF 81

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



PAVEMENT MARKING NOTES

- SEE WSDOT STD PLAN M-20.30 AND M-20.40 FOR INSTALLATION OF SUPPLEMENTAL RAISED PAVEMENT MARKINGS.
- ALL EDGE LINES ARE WHITE UNLESS OTHERWISE NOTED.
- FOR WIDE LINE INSTALLATION FOLLOW WSDOT STANDARD PLAN M-20.40 FOR SUPPLEMENTAL RPM'S
- RPM = RAISED PAVEMENT MARKER
- CENTER TRAFFIC ARROWS IN MIDDLE OF DESIGNATED LANE.
- SEE SHEET CH-05 FOR ALL SIGN SPECIFICATIONS.
- SEE SHEET CH-05 FOR ALL MAILBOX SPECIFICATIONS.

CHANNELIZATION LEGEND

- 1 TYPE 2SL PLASTIC ARROW (PER STANDARD PLAN M-24.40)
- 2 TYPE 2SR PLASTIC ARROW (PER STANDARD PLAN M-24.40)
- 3 PLASTIC STOP LINE (PER STANDARD PLAN M-24.60)
- 4 PLASTIC WIDE LANE LINE (PER STANDARD PLAN M-20.10)
- 5 PAINTED EDGE LINE (PER STANDARD PLAN M-20.10)
- 6 PAINTED DOUBLE YELLOW CENTER LINE (PER STANDARD PLAN M-20.10)
- 7 DECORATIVE TRAIL ELEMENT (SEE DETAIL ON SHEET CH-05)
- 8 PLASTIC CROSSWALK (PER SNOHOMISH COUNTY STANDARD PLAN 7-110)
- 9 HYDRANT MARKER (PER CITY OF ARLINGTON STANDARD DETAIL W-015)
- 10 FENCE (SEE PLAN VIEW FOR TYPE)

SIGN LEGEND

- SIGN NOTE
- SIGN REMOVAL NOTE
- PROPOSED LOCATION
- SIGN RELOCATION NOTE
- EXISTING LOCATION
- EXISTING SIGN & POST
- NEW / RELOCATED SIGN ON POST

Jan 19, 2024 4:13:40pm User: mofc@scj.com Projects\SR530 CH-01.dwg

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 CH-01

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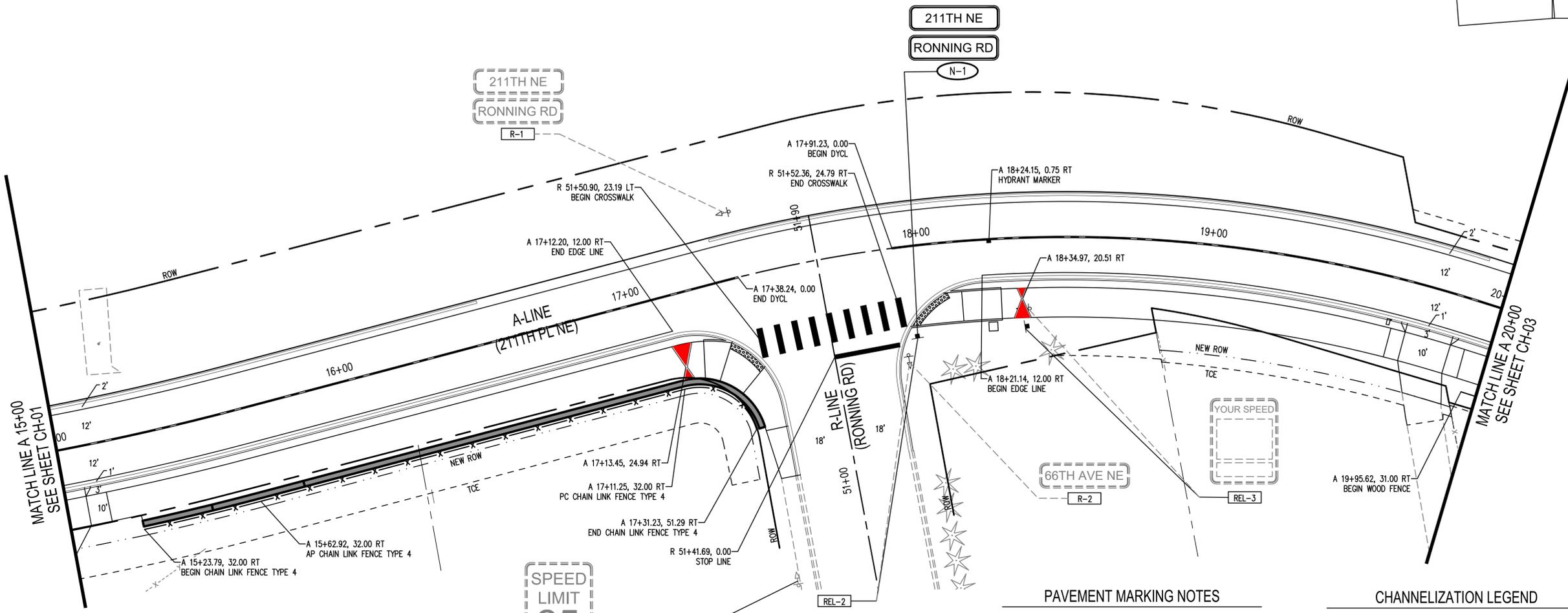
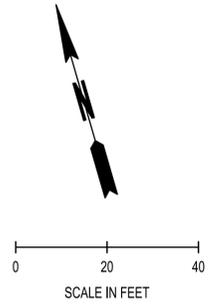
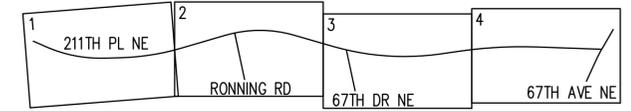
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211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
CHANNELIZATION & SIGNING PLAN

DRAWING No.: CH-01
SHEET No.: 46 OF 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.

KEY MAP



PAVEMENT MARKING NOTES

- SEE WSDOT STD PLAN M-20.30 AND M-20.40 FOR INSTALLATION OF SUPPLEMENTAL RAISED PAVEMENT MARKINGS.
- ALL EDGE LINES ARE WHITE UNLESS OTHERWISE NOTED.
- FOR WIDE LINE INSTALLATION FOLLOW WSDOT STANDARD PLAN M-20.40 FOR SUPPLEMENTAL RPM'S
- RPM = RAISED PAVEMENT MARKER
- CENTER TRAFFIC ARROWS IN MIDDLE OF DESIGNATED LANE.
- SEE SHEET CH-05 FOR ALL SIGN SPECIFICATIONS.
- SEE SHEET CH-05 FOR ALL MAILBOX SPECIFICATIONS.

CHANNELIZATION LEGEND

- 1 TYPE 2SL PLASTIC ARROW (PER STANDARD PLAN M-24.40)
- 2 TYPE 2SR PLASTIC ARROW (PER STANDARD PLAN M-24.40)
- 3 PLASTIC STOP LINE (PER STANDARD PLAN M-24.60)
- 4 PLASTIC WIDE LANE LINE (PER STANDARD PLAN M-20.10)
- 5 PAINTED EDGE LINE (PER STANDARD PLAN M-20.10)
- 6 PAINTED DOUBLE YELLOW CENTER LIN (PER STANDARD PLAN M-20.10)
- 7 DECORATIVE TRAIL ELEMENT (SEE DETAIL ON SHEET CH-05)
- 8 PLASTIC CROSSWALK (PER SNOHOMISH COUNTY STANDARD PLAN 7-110)
- 9 HYDRANT MARKER (PER CITY OF ARLINGTON STANDARD DETAIL W-015)
- 10 FENCE (SEE PLAN VIEW FOR TYPE)

SIGN LEGEND

- SIGN NOTE
- SIGN REMOVAL NOTE
- PROPOSED LOCATION
- SIGN RELOCATION NOTE
- EXISTING LOCATION
- EXISTING SIGN & POST
- NEW / RELOCATED SIGN ON POST



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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 CH-01

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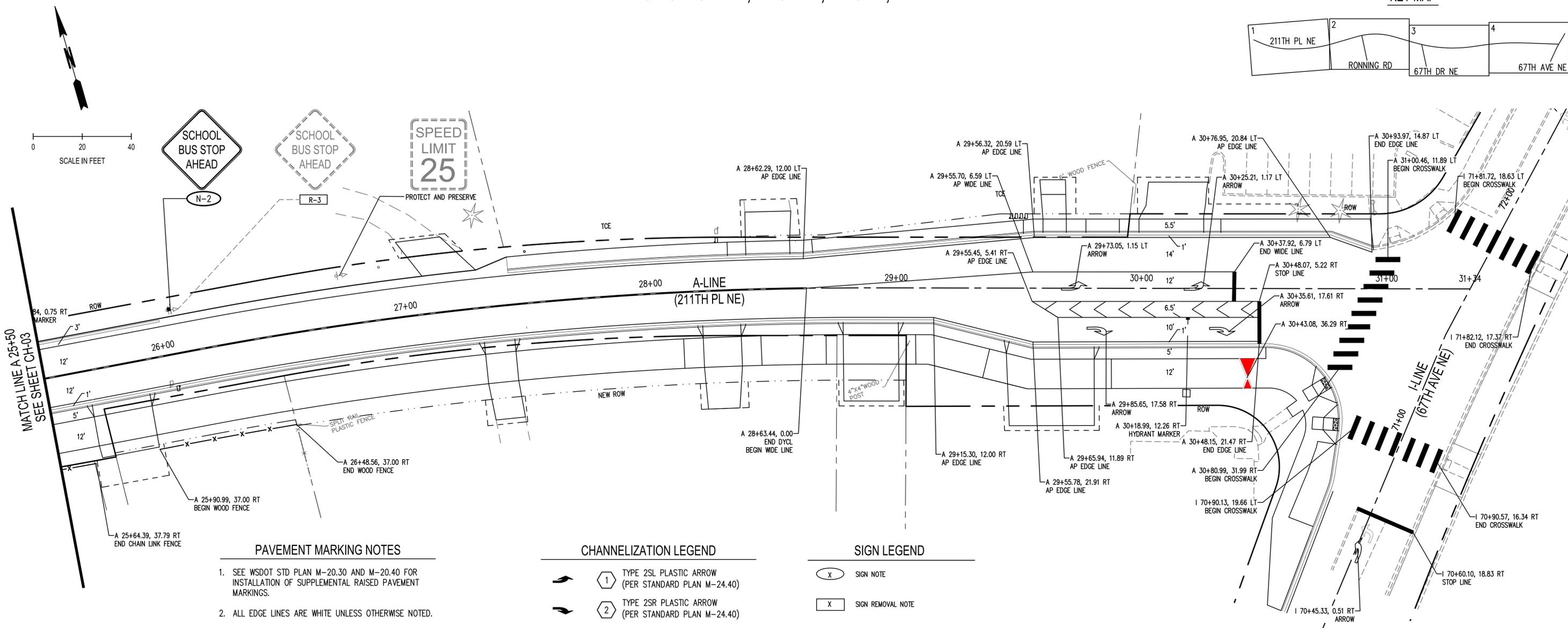
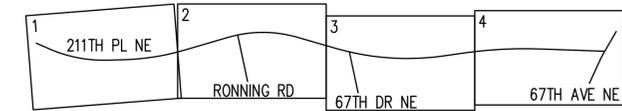
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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 CHANNELIZATION & SIGNING PLAN

DRAWING No.: CH-02
 SHEET No.: 47 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP



PAVEMENT MARKING NOTES

- SEE WSDOT STD PLAN M-20.30 AND M-20.40 FOR INSTALLATION OF SUPPLEMENTAL RAISED PAVEMENT MARKINGS.
- ALL EDGE LINES ARE WHITE UNLESS OTHERWISE NOTED.
- FOR WIDE LINE INSTALLATION FOLLOW WSDOT STANDARD PLAN M-20.40 FOR SUPPLEMENTAL RPM'S
- RPM = RAISED PAVEMENT MARKER
- CENTER TRAFFIC ARROWS IN MIDDLE OF DESIGNATED LANE.
- SEE SHEET CH-05 FOR ALL SIGN SPECIFICATIONS.
- SEE SHEET CH-05 FOR ALL MAILBOX SPECIFICATIONS.

CHANNELIZATION LEGEND

- | | |
|--|---|
| | 1 TYPE 2SL PLASTIC ARROW (PER STANDARD PLAN M-24.40) |
| | 2 TYPE 2SR PLASTIC ARROW (PER STANDARD PLAN M-24.40) |
| | 3 PLASTIC STOP LINE (PER STANDARD PLAN M-24.60) |
| | 4 PLASTIC WIDE LANE LINE (PER STANDARD PLAN M-20.10) |
| | 5 PAINTED EDGE LINE (PER STANDARD PLAN M-20.10) |
| | 6 PAINTED DOUBLE YELLOW CENTER LINE (PER STANDARD PLAN M-20.10) |
| | 7 DECORATIVE TRAIL ELEMENT (SEE DETAIL ON SHEET CH-05) |
| | 8 PLASTIC CROSSWALK (PER SNOHOMISH COUNTY STANDARD PLAN 7-110) |
| | 9 HYDRANT MARKER (PER CITY OF ARLINGTON STANDARD DETAIL W-015) |
| | 10 FENCE (SEE PLAN VIEW FOR TYPE) |

SIGN LEGEND

- | | |
|--|------------------------------|
| | SIGN NOTE |
| | SIGN REMOVAL NOTE |
| | SIGN RELOCATION NOTE |
| | PROPOSED LOCATION |
| | EXISTING LOCATION |
| | EXISTING SIGN & POST |
| | NEW / RELOCATED SIGN ON POST |

Jan 19, 2024 4:14:21pm User: modifichan04
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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZZO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 CH-01

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 SR-530 TO 67TH AVE NE
 CHANNELIZATION & SIGNING PLAN

DRAWING No.: CH-04
 SHEET No.: 49 OF 81

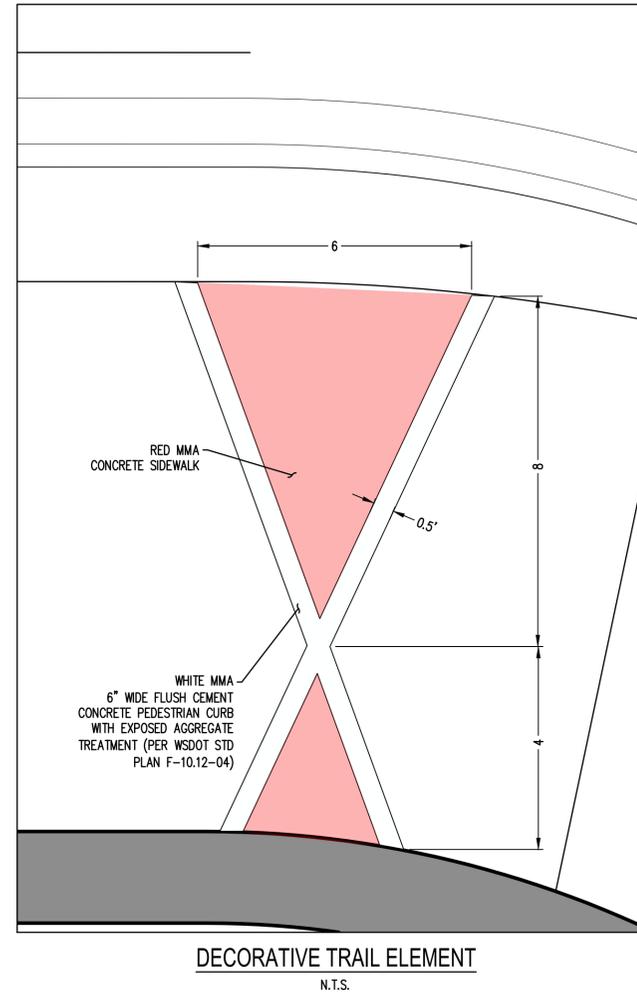
SECTION 11, T. 31 N., R. 5 E., W.M.

SIGN RELOCATION SPECIFICATIONS							
SIGN NO.	SIGN CODE	SIGN DESCRIPTION	EXST. STA. LOC. (or MP)	NEW STA. LOC. (or MP)	SIGN SIZE		REMARKS
					X	Y	
REL-1	R2-1	SPEED LIMIT 25	A 11+53.76, 21.02 RT	A 11+44.40, 30.19 RT	24	30	RELOCATE SIGN ON NEW POST
REL-2	R1-1	STOP	A 17+92.29, 38.00 RT	A 17+96.40, 31.19 RT	36	36	RELOCATE SIGN ON NEW POST
REL-3	-	SOLAR RADAR SPEED SIGN	A 18+35.80, 23.95 RT	A 18+35.49, 30.01 RT	24	30	RELOCATE SIGN ON EX. METAL POST
REL-4	D3-1	211TH PL NE	A 22+42.65, 43.26 RT	A 22+36.04, 37.30 RT	36	8	RELOCATE SIGN ON NEW POST
	D3-1	67TH DR			36	8	RELOCATE SIGN ON NEW POST
	R1-1	STOP			36	36	RELOCATE SIGN ON NEW POST

SIGN REMOVAL SPECIFICATIONS						
SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		REMARKS
				X	Y	
R-1	D3-1	211TH NE RONNING RD	A 17+39.05, 22.25 LT	36	8	REMOVE SIGN AND POST
	D3-1			36	8	REMOVE SIGN AND POST
R-2	D3-1	66TH AVE NE	A 17+92.29, 38.00 RT	36	8	REMOVE SIGN
R-3	S3-1	SCHOOL BUS STOP AHEAD	A 26+05.85, 17.94 LT	36	36	REMOVE SIGN AND POST

NEW SIGN SPECIFICATIONS						
SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		REMARKS
				X	Y	
N-1	D3-1	211TH NE RONNING RD	A 17+96.40, 31.19 RT	36	8	NEW SIGN
	D3-1			36	8	NEW SIGN
N-2	S3-1	SCHOOL BUS STOP AHEAD	A 26+05.79, 18.33 LT	36	36	NEW SING

MAILBOX SUPPORT RELOCATION SPECIFICATION					
MAILBOX #	EXISTING LOCATION	PROPOSED LOCATION	POST MATERIAL	POST TYPE	
M-1	A 19+64.59, 21.11 RT	A 19+64.11, 15.10 RT	WOOD	TYPE 1	
M-2	A 23+58.09, 10.18 RT	A 23+62.01, 14.00 RT	WOOD	TYPE 1	
M-3	A 24+87.36, 19.54 LT	A 24+87.16, 15.83 LT	WOOD	TYPE 1	
M-4	A 26+00.75, 11.19 RT	A 26+03.02, 14.00 RT	WOOD	TYPE 1	
M-5	A 28+ 27.50, 23.82 LT	A 28+27.46, 20.50 LT	WOOD	TYPE 1	
M-6	A 29+83.14, 17.50 LT	A 29+49.99, 29.31 LT	WOOD	TYPE 2	



Jan 19, 2024 4:14:36pm User: mofc@scj.com
 PROJECTS\6689 CITY OF ARLINGTON\22-000884-ARLINGTON 211TH NE-67TH AVE (CADD)\22-000884-CH-01.DWG

REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: _22-000884 CH-01

ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED



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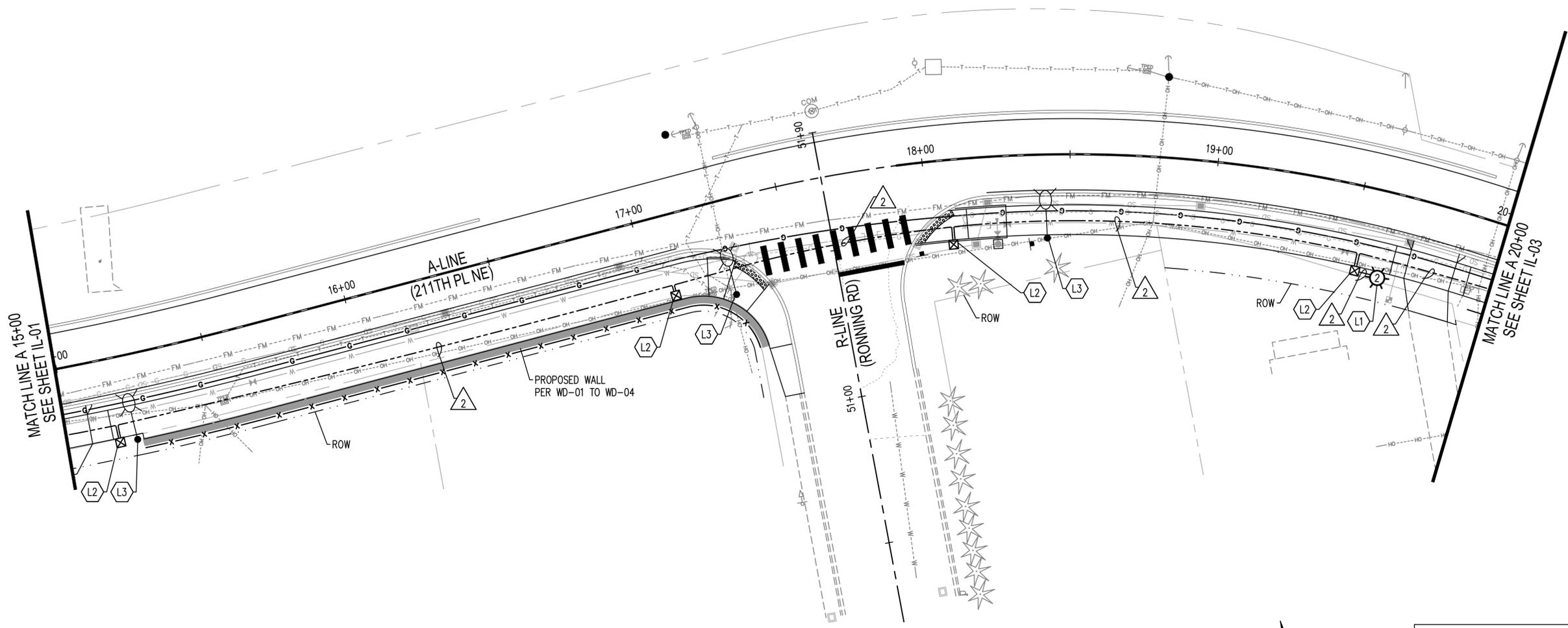
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

CHANNELIZATION & SIGNING PLAN

DRAWING No.:
CH-05

SHEET No.:
50 OF 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.



ILLUMINATION CONSTRUCTION NOTES

- L1 CONSTRUCT PEDESTRIAN LUMINAIRE FOUNDATION PER DETAIL, SHEET IL-05. FURNISH AND INSTALL DECORATIVE PEDESTRIAN LUMINAIRE POLE, BASE, AND FIXTURE PER LUMINAIRE SCHEDULE AND PER DETAILS.
- L2 INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 1 PER WSDOT STANDARD PLAN J-40.10.
- L3 LOCATION OF PROPOSED SNOHOMISH PUD UTILITY POLE AND LUMINAIRE. WORK TO BE PERFORMED BY OTHERS.

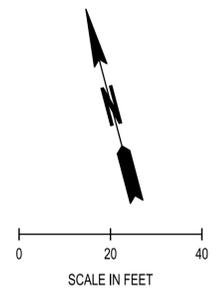
LUMINAIRE SCHEDULE

LUMINAIRE #	STATION, OFFSET	LUMINAIRE TYPE	LUMINAIRE ARM	MOUNTING HEIGHT	BASE	SERVICE #	CIRCUIT #	COMMENTS
2	A 19+61.48, 29.01 RT	100W LED PEDESTRIAN - 3K - TYPE III - 240V	N/A	16'	SLIP	EX 5	CKT A	

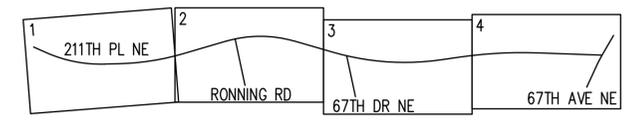
WIRING SCHEDULE

RUN NO.	CONDUIT SIZE	WIRE/CABLE		REMARKS
		#8 AWG GRND.	#8 AWG	
1	EX 2" PVC	1	2	
2	2" PVC	1	2	

- NOTES:
- ALL NEW CONDUITS CONTAINING CONDUCTORS SHALL CONTAIN GROUND WIRE. GROUND WIRE SIZE SHALL MATCH THE LARGEST CONDUCTOR (MIN #8 AWG).
 - SPARE CONDUITS SHALL CONTAIN DETECTABLE PULL TAPE.



KEY MAP



I:\19_0724_1415_1519\1 - User modified\hnd1\PROJECTS\6785 CITY OF ARLINGTON\22-000884-ARLINGTON 211TH NE-67TH AVE\CAD\22-000884_IL-01.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			G. HILEN	JANUARY, 2024
			DRAWN BY:	JOB No.:
			M. WOLFF	22-000884
			CHECKED BY:	DRAWING FILE No.:
			G. HILEN	_22-000884_IL-01

ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED



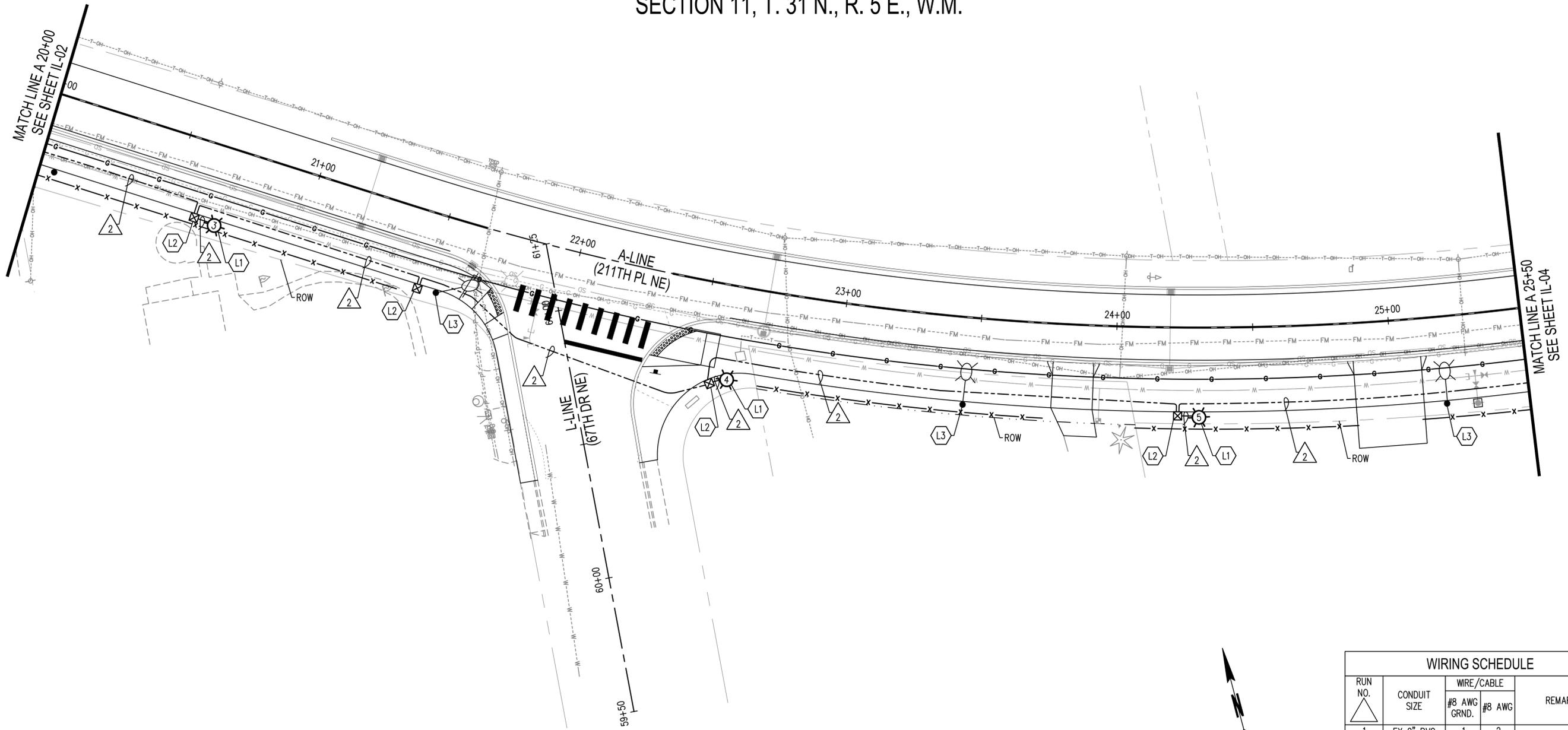
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CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
ILLUMINATION PLANS

DRAWING No.: IL-02
SHEET No.: 52 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.



ILLUMINATION CONSTRUCTION NOTES

- L1 CONSTRUCT PEDESTRIAN LUMINAIRE FOUNDATION PER DETAIL, SHEET IL-05. FURNISH AND INSTALL DECORATIVE PEDESTRIAN LUMINAIRE POLE, BASE, AND FIXTURE PER LUMINAIRE SCHEDULE AND PER DETAILS.
- L2 INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 1 PER WSDOT STANDARD PLAN J-40.10.
- L3 LOCATION OF PROPOSED SNOHOMISH PUD UTILITY POLE AND LUMINAIRE. WORK TO BE PERFORMED BY OTHERS.

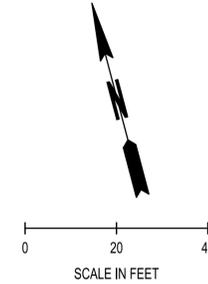
LUMINAIRE SCHEDULE

LUMINAIRE #	STATION, OFFSET	LUMINAIRE TYPE	LUMINAIRE ARM	MOUNTING HEIGHT	BASE	SERVICE #	CIRCUIT #	COMMENTS
3	A 20+68.40, 29.02 RT	100W LED PEDESTRIAN - 3K - TYPE III - 240V	N/A	16'	SLIP	EX 5	CKT A	
4	A 22+61.33, 34.53 RT	100W LED PEDESTRIAN - 3K - TYPE III - 240V	N/A	16'	SLIP	EX 5	CKT A	
5	A 24+30.21, 32.97 RT	100W LED PEDESTRIAN - 3K - TYPE III - 240V	N/A	16'	SLIP	EX 5	CKT A	

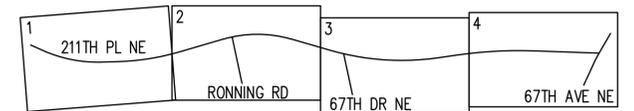
WIRING SCHEDULE

RUN NO.	CONDUIT SIZE	WIRE/CABLE		REMARKS
		#8 AWG GRND.	#8 AWG	
1	EX 2" PVC	1	2	
2	2" PVC	1	2	

- NOTES:
- ALL NEW CONDUITS CONTAINING CONDUCTORS SHALL CONTAIN GROUND WIRE. GROUND WIRE SIZE SHALL MATCH THE LARGEST CONDUCTOR (MIN #8 AWG).
 - SPARE CONDUITS SHALL CONTAIN DETECTABLE PULL TAPE.



KEY MAP



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REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			G. HILEN	JANUARY, 2024
			DRAWN BY:	JOB No.:
			M. WOLFF	22-000884
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			G. HILEN	22-000884 IL-01

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CITY OF ARLINGTON

 211TH PLACE CORRIDOR IMPROVEMENT PROJECT

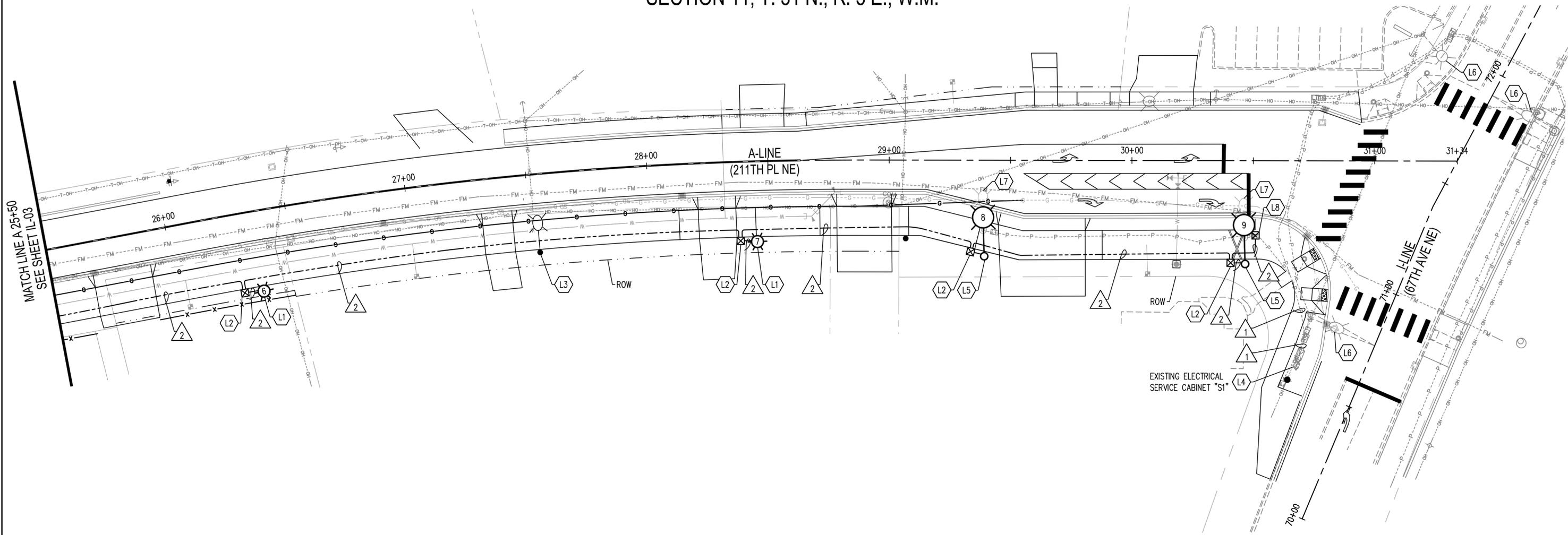
 SR-530 TO 67TH AVE NE

ILLUMINATION PLANS

DRAWING No.: IL-03

 SHEET No.: 53 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.



ILLUMINATION CONSTRUCTION NOTES

- L1 CONSTRUCT PEDESTRIAN LUMINAIRE FOUNDATION PER DETAIL, SHEET IL-05. FURNISH AND INSTALL DECORATIVE PEDESTRIAN LUMINAIRE POLE, BASE, AND FIXTURE PER LUMINAIRE SCHEDULE AND PER DETAILS.
- L2 INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 1 PER WSDOT STANDARD PLAN J-40.10.
- L3 LOCATION OF PROPOSED SNOHOMISH PUD UTILITY POLE AND LUMINAIRE. WORK TO BE PERFORMED BY OTHERS.
- L4 LOCATION OF EXISTING ELECTRICAL SERVICE CABINET "S1". PROTECT DURING CONSTRUCTION.
- L5 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-28.30. INSTALL RELOCATED LUMINAIRE POLE, BASE, AND FIXTURE PER LUMINAIRE SCHEDULE, CONSTRUCTION NOTE 7, AND DETAILS.
- L6 EXISTING LUMINAIRES TO REMAIN. PROTECT ALL EXISTING WIRING AND EQUIPMENT.
- L7 RELOCATE EXISTING LUMINAIRE, POLE, AND ARM PER CONSTRUCTION NOTES. GRIND DOWN FOUNDATION 5' BELOW FINISH GRADE (OR REMOVE COMPLETELY). REMOVE EXISTING UNUSED WIRING AND CAP AND ABANDONED EXISTING CONDUIT.
- L8 REPLACE EXISTING JUNCTION BOX WITH NEW TYPE 2 JUNCTION BOX PER WSDOT STD PLAN J-40.10. ADJUST TO FINAL GRADE. INSTALL NEW CONDUIT/WIRING INTO JUNCTION BOX AND SPLICE NEW ILLUMINATION CIRCUIT INTO EXISTING PER WIRE SCHEDULE.

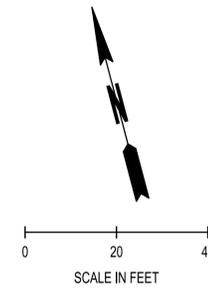
LUMINAIRE SCHEDULE

LUMINAIRE #	STATION, OFFSET	LUMINAIRE TYPE	LUMINAIRE ARM	MOUNTING HEIGHT	BASE	SERVICE #	CIRCUIT #	COMMENTS
6	A 26+35.57, 33.01 RT	100W LED PEDESTRIAN - 3K - TYPE III - 240V	N/A	16'	SLIP	EX 5	CKT A	
7	A 28+44.80, 33.02 RT	100W LED PEDESTRIAN - 3K - TYPE III - 240V	N/A	16'	SLIP	EX 5	CKT A	
8	A 29+39.17, 39.47 RT	75W LED PEDESTRIAN - 3K - TYPE III - 240V	EX	EX	SLIP	EX 5	CKT A	
9	A 30+46.70, 42.50 RT	75W LED PEDESTRIAN - 3K - TYPE III - 240V	EX	EX	SLIP	EX 5	CKT A	

WIRING SCHEDULE

RUN NO.	CONDUIT SIZE	WIRE/CABLE		REMARKS
		#8 AWG GRND.	#8 AWG	
1	EX 2" PVC	1	2	
2	2" PVC	1	2	

- NOTES:
- ALL NEW CONDUITS CONTAINING CONDUCTORS SHALL CONTAIN GROUND WIRE. GROUND WIRE SIZE SHALL MATCH THE LARGEST CONDUCTOR (MIN #8 AWG).
 - SPARE CONDUITS SHALL CONTAIN DETECTABLE PULL TAPE.

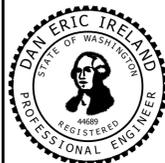


KEY MAP



REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			G. HILEN	JANUARY, 2024
			DRAWN BY:	JOB No.:
			M. WOLFF	22-000884
			CHECKED BY:	DRAWING FILE No.:
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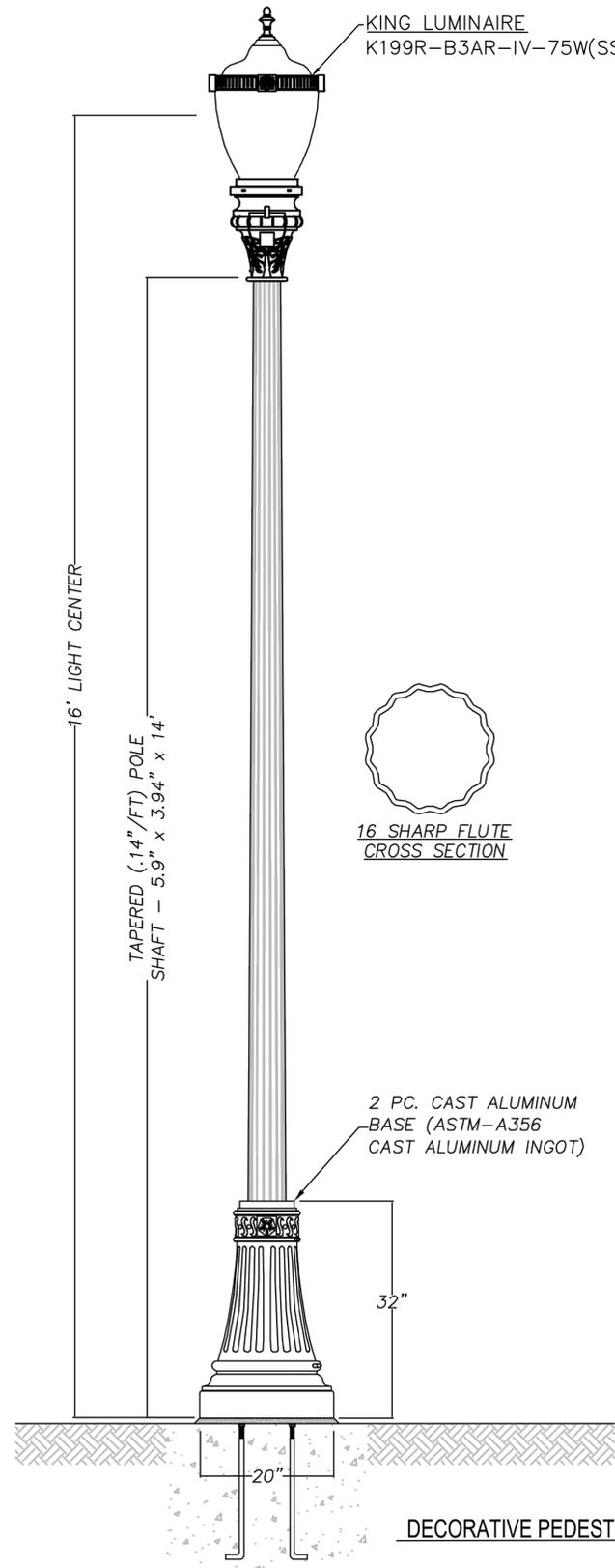
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

ILLUMINATION PLANS

DRAWING No.: IL-04
SHEET No.: 54 OF 81

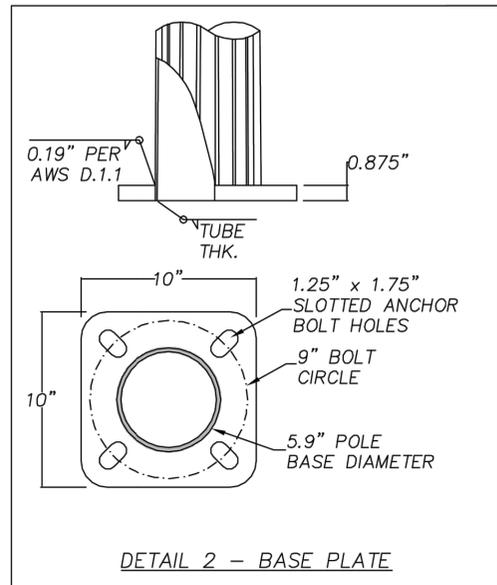
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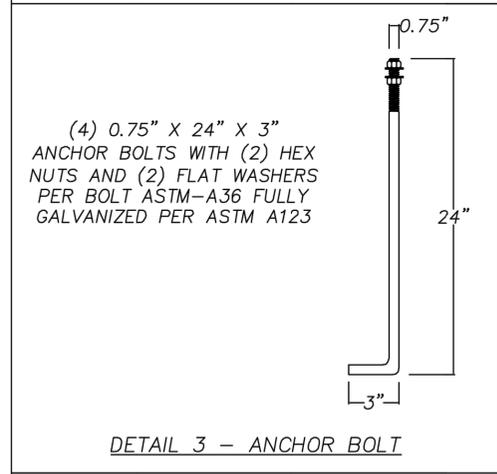


DECORATIVE PEDESTRIAN LUMINAIRE POLE DETAIL

CAT. #: 12-BCHUN2032/590A140/K199-LED



DETAIL 2 - BASE PLATE



DETAIL 3 - ANCHOR BOLT

(4) 0.75" X 24" X 3" ANCHOR BOLTS WITH (2) HEX NUTS AND (2) FLAT WASHERS PER BOLT ASTM-A36 FULLY GALVANIZED PER ASTM A123

* ALL COMPONENTS POWDER COATED TO MATCH EXISTING

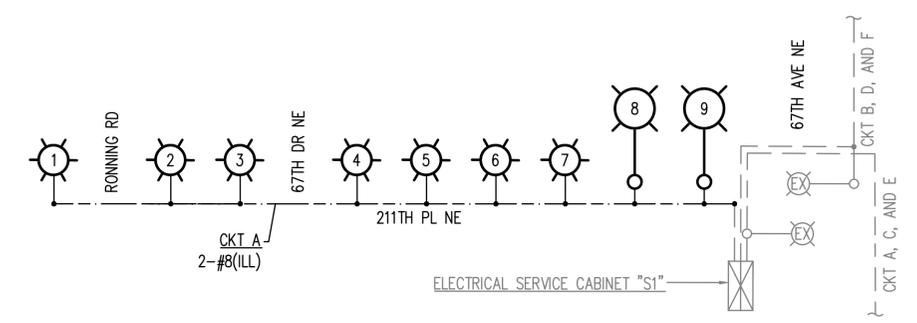
FINISHING SPECIFICATIONS

ILLUMINATION GENERAL NOTES

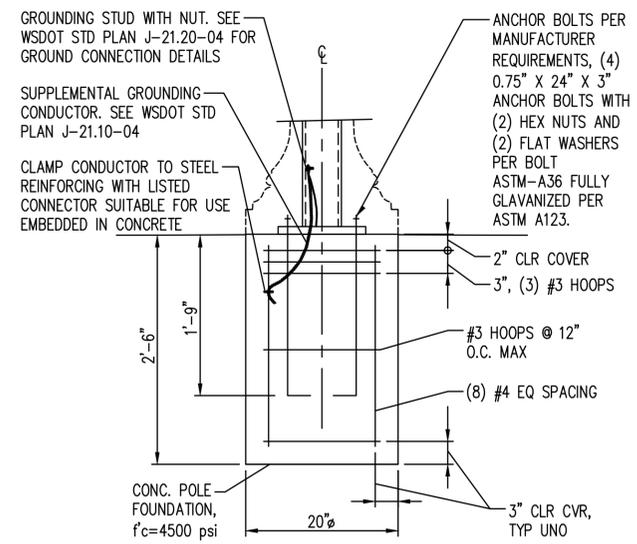
1. THE LOCATION OF ALL CONDUIT, JUNCTION BOXES, AND LUMINAIRES SHOWN ON THIS PLAN ARE FOR GRAPHICAL REPRESENTATION ONLY. FINAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER IN THE FIELD. STATION AND OFFSET PROVIDED FOR LUMINAIRE INSTALLATION IS AT THE CENTER OF THE FOUNDATION.
2. NUMBER OF CONDUIT BENDS BETWEEN PULL POINTS SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL). IF NUMBER OF BENDS EXCEEDS 360 DEGREES, THE CONTRACTOR SHALL INSTALL ADDITIONAL JUNCTION BOXES, AS REQUIRED.
3. ALL NEW JUNCTION BOXES INSTALLED IN SIDEWALKS SHALL HAVE LOCKING AND SKID RESISTANT COATED LIDS. JUNCTION BOXES SHALL NOT BE PLACED IN CURB RAMP OR CURB RAMP LANDINGS. POST CONSTRUCTION ALL JUNCTION BOX LIDS SHALL BE CLEAN AND FREE OF CONSTRUCTION DEBRIS.
4. EXISTING OR HIGHER ILLUMINATION LEVELS SHALL BE MAINTAINED UNTIL THE NEW SYSTEM IS OPERATIONAL.
5. ILLUMINATION CONDUIT SHALL BE PLACED IN JOINT UTILITY TRENCH WHEN FEASIBLE. FOR DETAIL, SEE UT-01.
6. IF JUNCTION BOX IS TO BE INSTALLED ON A SLOPE, INSTALL PER WSDOT STD PLAN J-10.

LEGEND

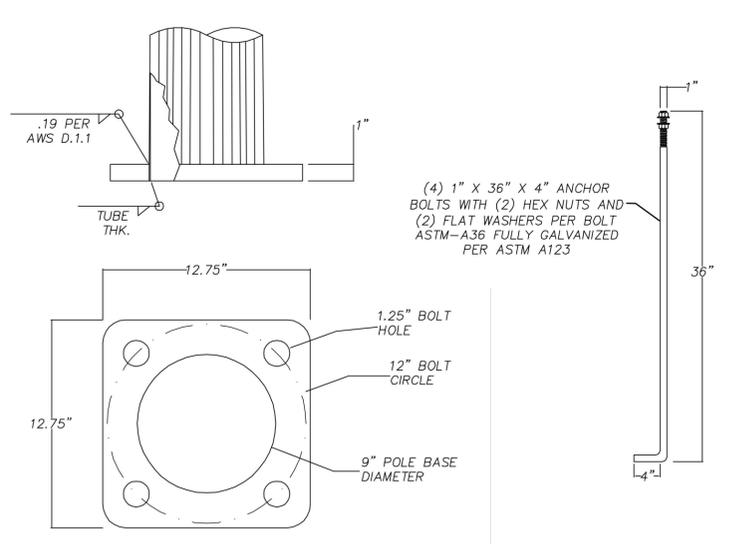
EXISTING	NEW	
		TYPE 1 JUNCTION BOX
		TYPE 2 JUNCTION BOX
		CONDUIT
		ELECTRICAL SERVICE CABINET
		ROADWAY LIGHT STANDARD
		SNOHOMISH PUD POLE
		PEDESTRIAN LIGHT STANDARD
		WIRE NOTE
		CONSTRUCTION NOTE



ILLUMINATION ONE-LINE DIAGRAM



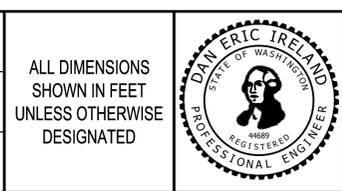
PEDESTRIAN LUMINAIRE FOUNDATION



RELOCATED EXISTING LUMINAIRE POLE BASE DETAIL

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			G. HILEN	JANUARY, 2024
			DRAWN BY:	JOB No.:
			M. WOLFF	22-000884
			CHECKED BY:	DRAWING FILE No.:
			G. HILEN	22-000884_IL-01

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CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

ILLUMINATION PLANS

DRAWING No.: IL-05
SHEET No.: 55 OF 81

TRAFFIC SIGNAL GENERAL NOTES

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH CITY OF ARLINGTON STANDARDS, WSDOT/APWA STANDARD PLANS, STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND THESE PLANS.
- THE LOCATION OF ALL CONDUIT AND JUNCTION BOXES ON THIS PLAN ARE FOR GRAPHICAL PRESENTATION ONLY. FINAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER IN THE FIELD.
- ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT ALL PERTINENT UTILITY AGENCIES 48 HOURS BEFORE COMMENCING WORK AND SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY IMMEDIATELY UPON DAMAGE.
- EXISTING FEATURES TO REMAIN UNLESS OTHERWISE NOTES.
- CONTRACTOR SHALL COORDINATE ALL TRAFFIC SIGNAL RELATED WORK WITH CITY OF ARLINGTON TRAFFIC MAINTENANCE SHOP.
- THE NUMBER OF CONDUIT BENDS BETWEEN PULL POINTS SHALL NOT EXCEED THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL). IF THE NUMBER OF BENDS EXCEEDS 360 DEGREES, THE CONTRACTOR SHALL INSTALL ADDITIONAL JUNCTION BOXES AS REQUIRED.

VIDEO DETECTION SCHEDULE

EXISTING VD-A	PHASES 2
EXISTING VD-B	PHASES 7
EXISTING VD-C	PHASES 6

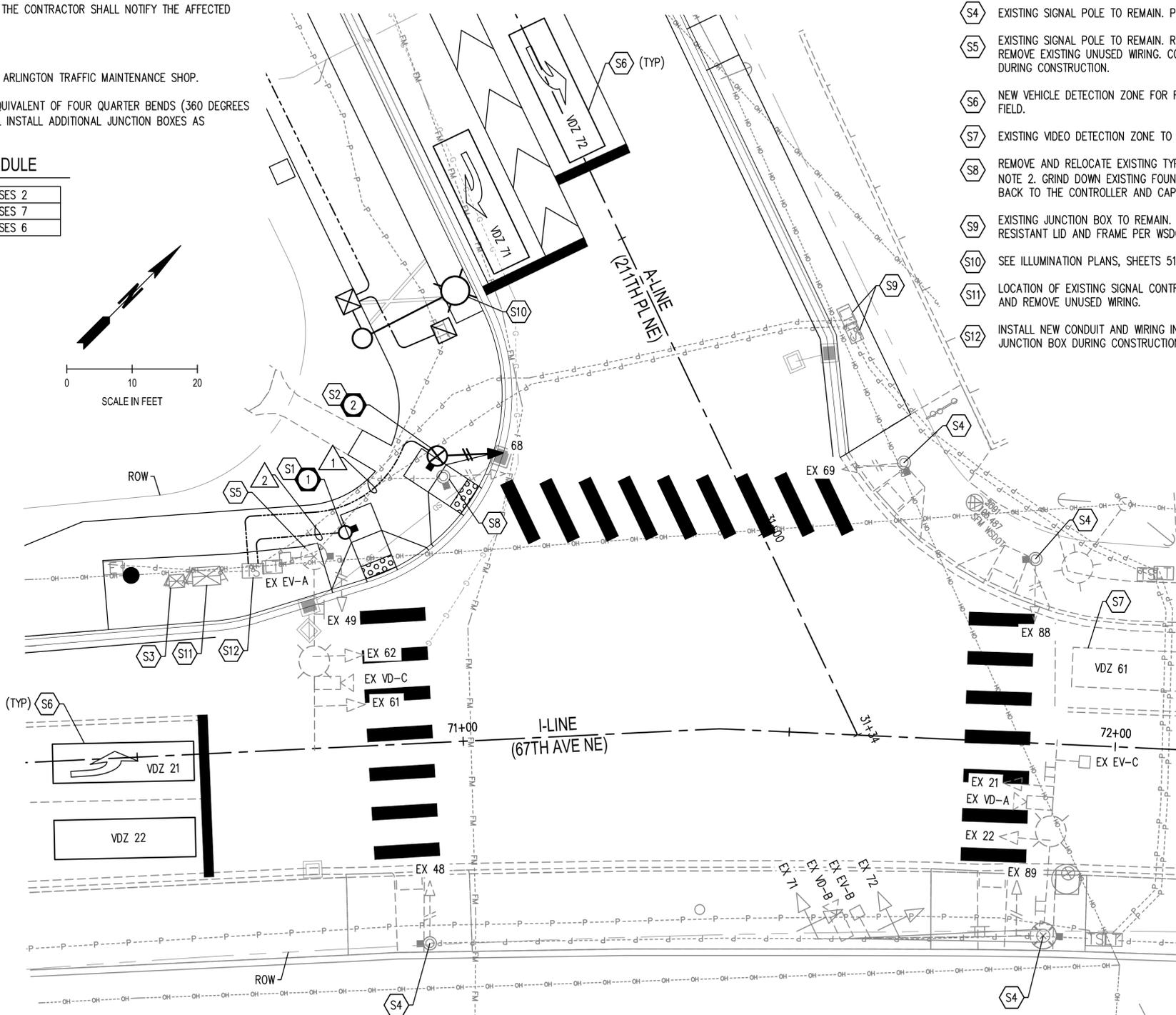
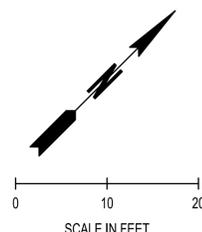
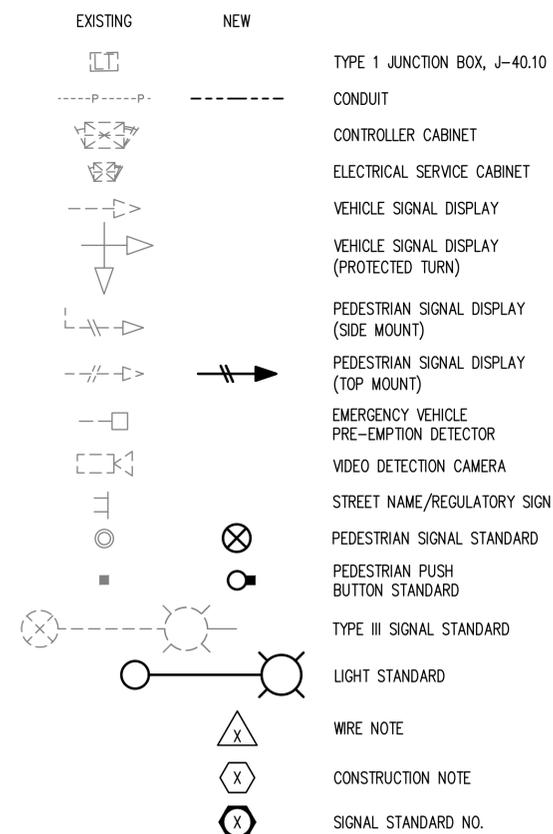
PRE-EMPTION SCHEDULE

EXISTING EV-A	PHASES 2
EXISTING EV-B	PHASES 7
EXISTING EV-C	PHASES 6

WIRING SCHEDULE

RUN NO.	CONDUIT SIZE	WIRE/CABLE		REMARKS
		5C	2CS	
1	2" PVC	1	1	
2	2" PVC	1	1	

LEGEND



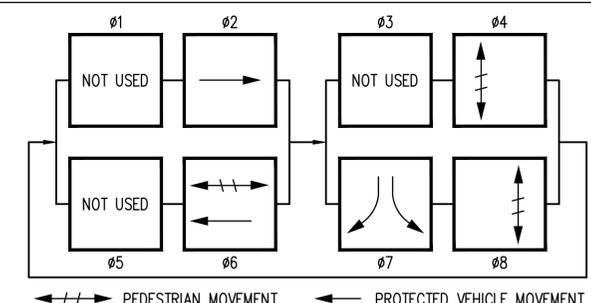
TRAFFIC SIGNAL CONSTRUCTION NOTES

- S1 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-20.10 AND INSTALL TYPE PPB SIGNAL POLE 1. INSTALL ONE RELOCATED PEDESTRIAN PUSH BUTTON ONTO THE POLE. FOR POLE LOCATION, SEE SIGNAL POLE SCHEDULE. FINAL POLE LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD PRIOR TO CONCRETE POUR.
- S2 CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-21.10 AND INSTALL RELOCATED TYPE PS SIGNAL POLE 2. INSTALL ONE RELOCATED PEDESTRIAN PUSH BUTTON AND ONE RELOCATED PEDESTRIAN SIGNAL HEAD ONTO THE POLE. FOR POLE LOCATION, SEE SIGNAL POLE SCHEDULE.
- S3 LOCATION OF EXISTING ELECTRICAL SERVICE CABINET.
- S4 EXISTING SIGNAL POLE TO REMAIN. PROTECT ALL EXISTING EQUIPMENT AND WIRING DURING CONSTRUCTION.
- S5 EXISTING SIGNAL POLE TO REMAIN. REMOVE AND RELOCATE EXISTING PEDESTRIAN PUSH BUTTON PER CONSTRUCTION NOTE 1 AND REMOVE EXISTING UNUSED WIRING. COVER EXPOSED HOLES PER WSDOT STD DWG IS-17. PROTECT EXISTING EQUIPMENT AND WIRING DURING CONSTRUCTION.
- S6 NEW VEHICLE DETECTION ZONE FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE ZONE RELOCATION WITH ENGINEER IN THE FIELD.
- S7 EXISTING VIDEO DETECTION ZONE TO REMAIN.
- S8 REMOVE AND RELOCATE EXISTING TYPE PS POLE, PEDESTRIAN PUSH BUTTON, AND PEDESTRIAN SIGNAL HEAD PER CONSTRUCTION NOTE 2. GRIND DOWN EXISTING FOUNDATION 5' BELOW FINISH GRADE (OR REMOVE COMPLETELY). REMOVE EXISTING UNUSED WIRING BACK TO THE CONTROLLER AND CAP AND ABANDON EXISTING CONDUIT.
- S9 EXISTING JUNCTION BOX TO REMAIN. ADJUST JUNCTION BOX TO PROPOSED FINISHED GRADE. JUNCTION BOXES SHALL HAVE SLIP RESISTANT LID AND FRAME PER WSDOT STD PLAN J-40.10.
- S10 SEE ILLUMINATION PLANS, SHEETS 51-55, FOR MORE INFORMATION.
- S11 LOCATION OF EXISTING SIGNAL CONTROLLER CABINET. MODIFY FIELD WIRING AS NECESSARY TO ACCOMMODATE SIGNAL REVISIONS AND REMOVE UNUSED WIRING.
- S12 INSTALL NEW CONDUIT AND WIRING INTO EXISTING JUNCTION BOX PER WIRE SCHEDULE. PROTECT EXISTING CONDUIT, WIRING, AND JUNCTION BOX DURING CONSTRUCTION.

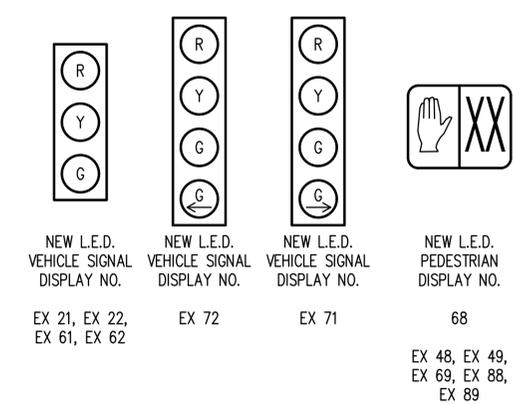
SIGNAL POLE SCHEDULE

POLE X	POLE TYPE	STATION	OFFSET	COMMENTS
1	PPB	30+72.3	57.6 RT	
2	PS	30+67.8	39.8 RT	

SIGNAL PHASING DIAGRAM



SIGNAL DISPLAYS



NEW L.E.D. VEHICLE SIGNAL DISPLAY NO. EX 21, EX 22, EX 61, EX 62

NEW L.E.D. VEHICLE SIGNAL DISPLAY NO. EX 72

NEW L.E.D. VEHICLE SIGNAL DISPLAY NO. EX 71

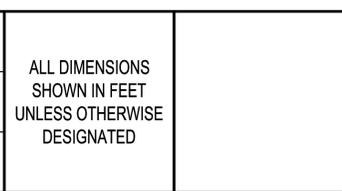
NEW L.E.D. PEDESTRIAN DISPLAY NO. 68

EX 48, EX 49, EX 69, EX 88, EX 89

Jan 15, 2024 4:17:33pm User: mofc@scj.com
 PROJECTS\ARLINGTON\211TH NE-67TH AVE\CAD\22-000884_SG-01.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			G. HILEN	JANUARY, 2024
			DRAWN BY:	JOB No.:
			M. WOLFF	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	22-000884 SG-01

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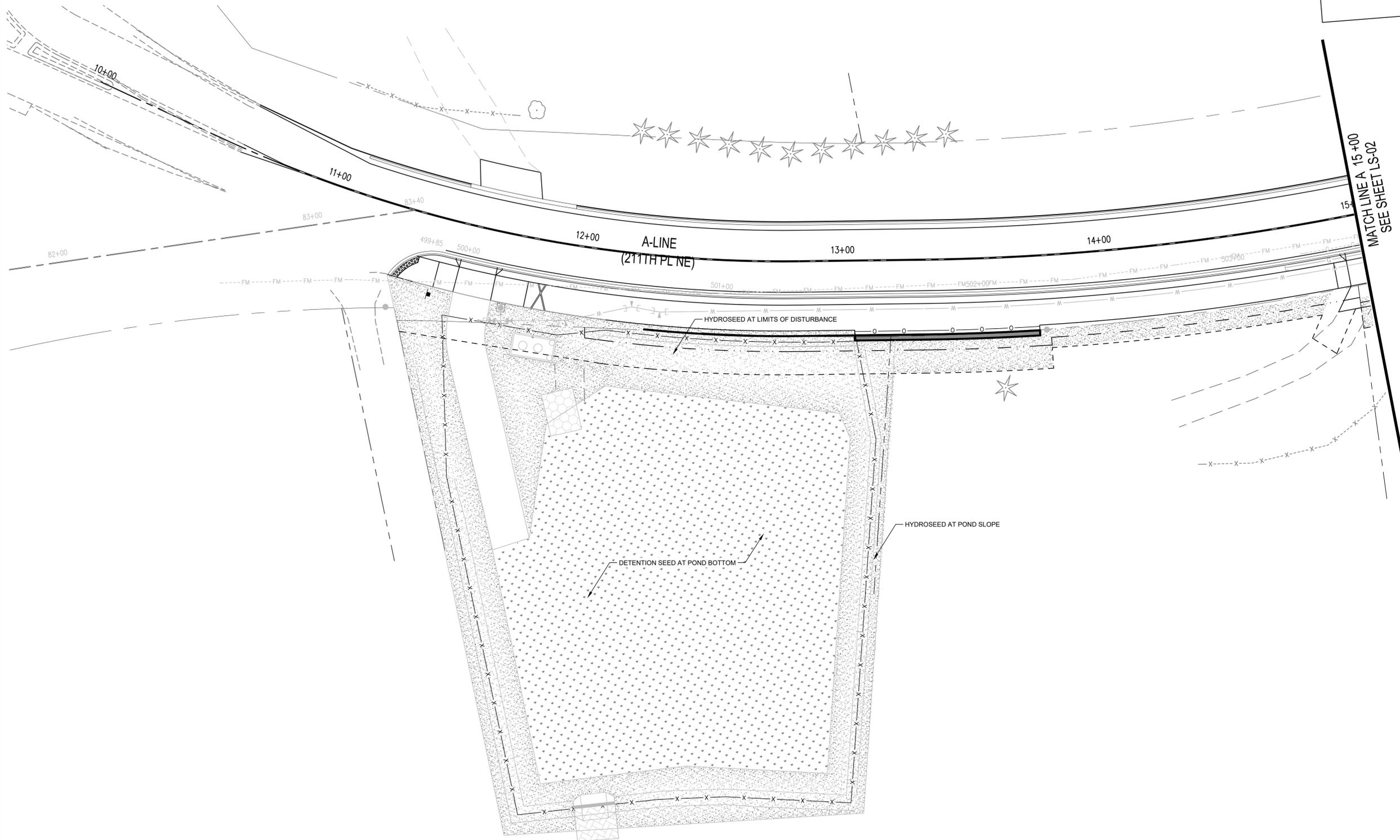
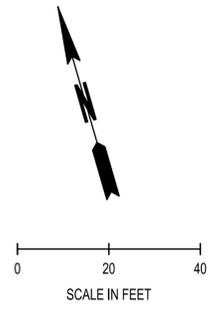
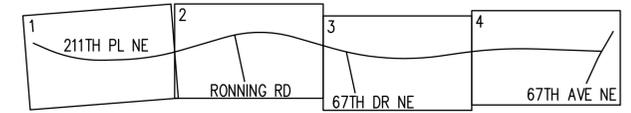


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 TRAFFIC SIGNAL PLAN

DRAWING No.:	SG-01
SHEET No.:	56 OF 67

SECTION 10, T. 31 N., R. 5 E., W.M.

KEY MAP



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 PROJECTS\6759 CITY OF ARLINGTON\22-000884 ARLINGTON 211TH NE-67TH AVE (CADD)_22-000884_LS-01.DWG

REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 LS-01

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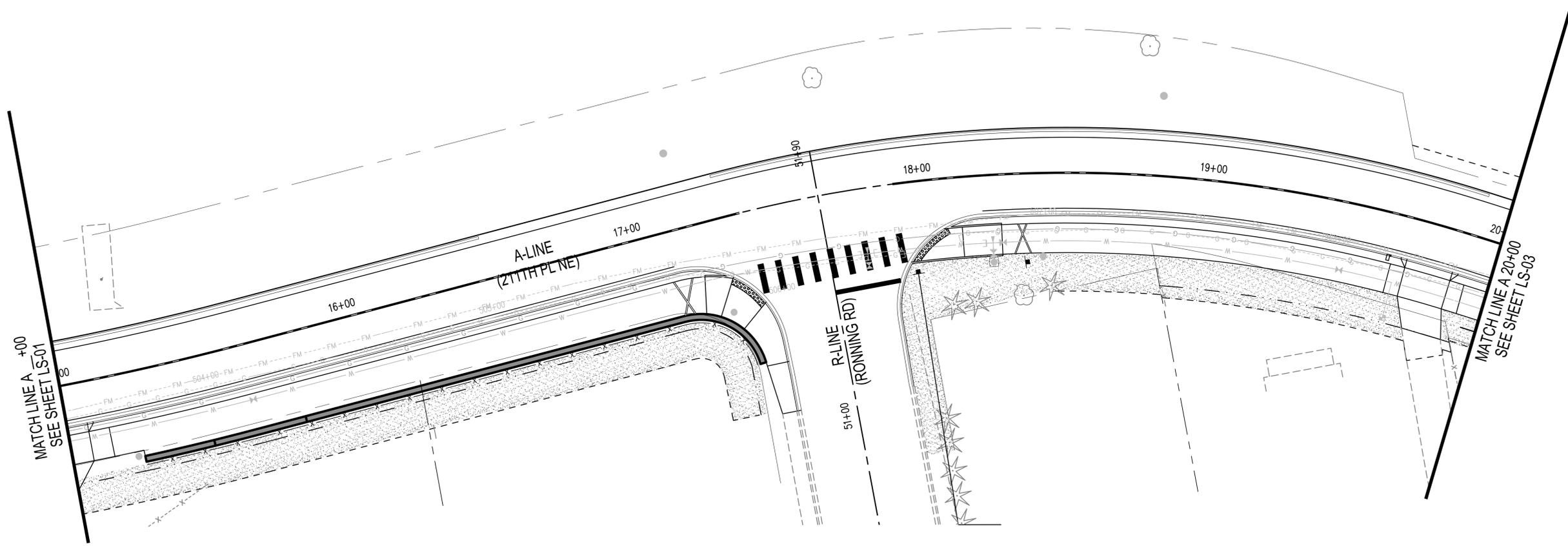
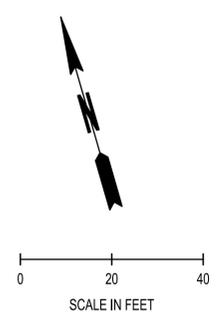
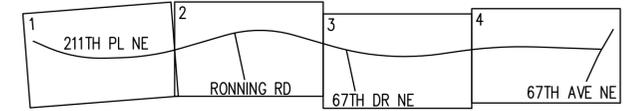


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
LANDSCAPING PLAN

DRAWING No.:
 LS-01
 SHEET No.:
 57 OF 81

SECTION 10/11, T. 31 N., R. 5 E., W.M.

KEY MAP



Jan 19, 2024 4:18:18pm User: modifera_hroel
 PROJECTS\6659 CITY OF ARLINGTON\22-000884-ARLINGTON 211TH NE-67TH AVE (CADD)_22-000884_LS-01.DWG

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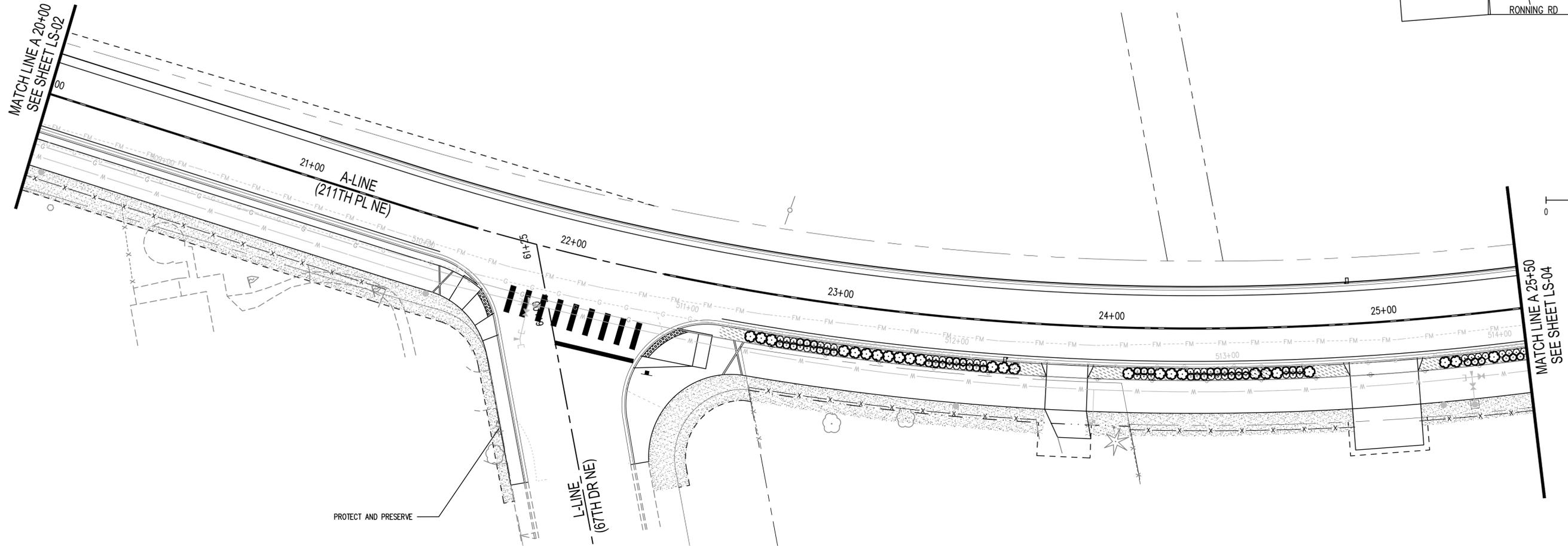
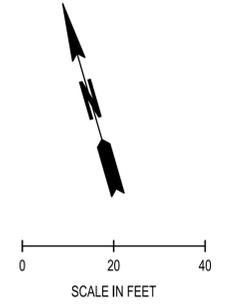
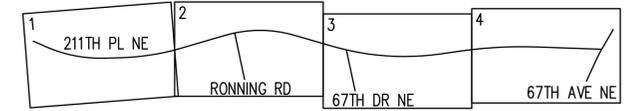


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
LANDSCAPING PLAN

DRAWING No.:
LS-02
 SHEET No.:
58 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
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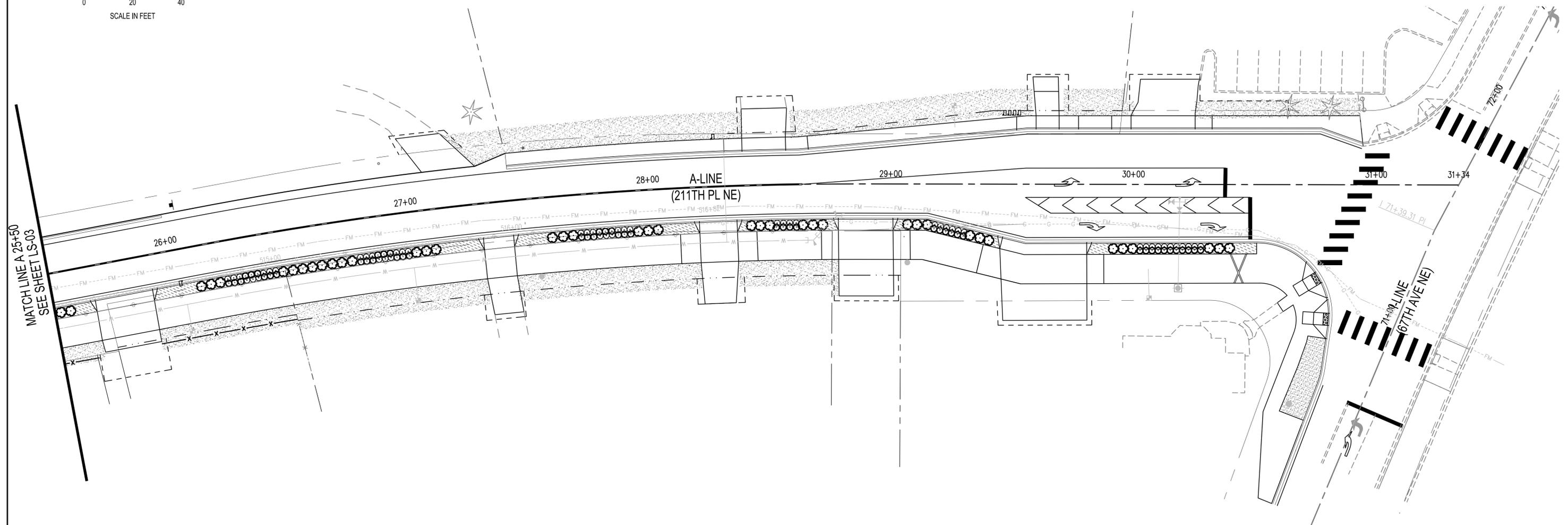
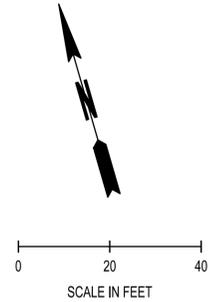
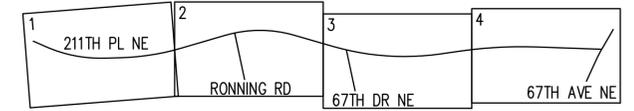


CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
LANDSCAPING PLAN

DRAWING No.:
LS-03
 SHEET No.:
59 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

KEY MAP



MATCH LINE A 25+00
SEE SHEET LS-03

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DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
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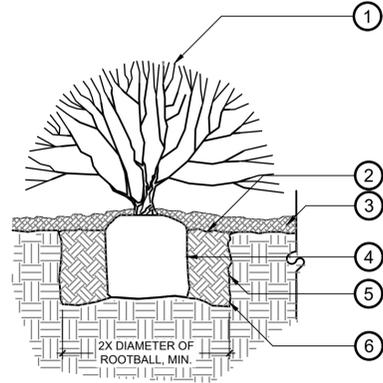
CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE
LANDSCAPING PLAN

DRAWING No.:
LS-04
SHEET No.:
60 OF 81

SECTION 11, T. 31 N., R. 5 E., W.M.

NOTE:
 1. ANY BROKEN OR CRUMBLING ROOTBALL WILL BE REJECTED.
 2. HOLD GRADE 1" BELOW EDGE OF WALK OR CURB.

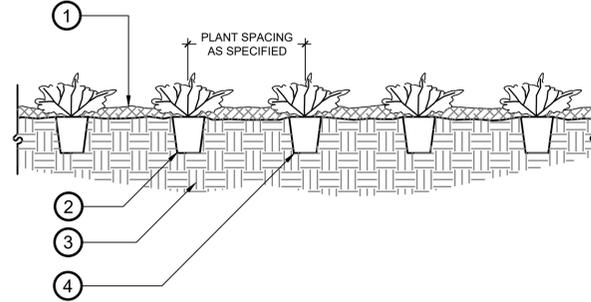
- 1 PRUNE ALL DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING.
- 2 DIG PLANT PIT TWICE AS WIDE AS THE CONTAINER OR MORE
- 3 APPLY MULCH AS SPECIFIED ON PLANS
- 4 REMOVE CONTAINER
- 5 ROUGHEN SIDES OF PLANT PIT. SCORE SIDES OF ROOTBALL OF ROOBOUND PLANTS ONLY.
- 6 FILL PLANT PIT WITH SPECIFIED PREPARED BACKFILL SOIL MIX



1 SHRUB PLANTING DETAIL
 NTS

P-RO-ARL-03

- 1 APPLY 1 1/2" - 3" DEPTH MULCH AS SPECIFIED ON PLANS. NOTE: MULCH DEPTH AROUND PLANT BASE MAY BE THINNER. DO NOT BURY PLANT WITH MULCH.
- 2 PLANTING PIT TO BE 2X DIAMETER OF ROOTBALL
- 3 TOPSOIL AS SPECIFIED ON PLANS
- 4 REMOVED PLASTIC CONTAINER PRIOR TO PLANTING



2 GROUND COVER PLANTING DETAIL
 NTS

P-RO-ARL-04

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	DETAIL
SHRUBS				
○	89	NANDINA DOMESTICA 'GULF STREAM' GULF STREAM HEAVENLY BAMBOO	1 OR 2 GAL	1/LS-05
⊗	66	PIERIS JAPONICA 'CAVATINE' CAVATINE JAPANESE PIERIS	5 GAL	1/LS-05
○	87	SPIRAEA JAPONICA 'GOLDMOUND' GOLDMOUND JAPANESE SPIREA	1 OR 2 GAL	1/LS-05

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	SPACING	DETAIL
GROUND COVERS					
[Pattern]	17,404 SF	DETENTION POND GRASS SEED (PAID AS SEEDING, FERTILIZING, AND MULCHING - SITE) GRASS SEED MIX SHALL BE WATER, SHADE AND SUN TOLERANT PER COA STORM CODE. COLONIAL BENTGRASS, AGROSTISTENUIS OR CAPILLARIS. SPIKE BENTGRASS, AGROSTIS EXARATE	SEED		
[Pattern]	519	EUONYMUS FORTUNEI 'EMERALD GEM' EMERLAD GEM WINTERCREEPER	1 GAL	24" o.c.	2/LS-05
[Pattern]	31,663 SF	TURF HYDROSEED (PAID AS SEEDING, FERTILIZING, AND MULCHING) DROUGHT TOLERANT FESCUE BLEND COLONIAL BENTGRASS (HIGHLAND OR ASTORIA) 9.80% RED FESCUE (ILLAHEE, RAINIER OR PENNLAWN) 49.0% PERENNIAL RYE 39.20% WEED SEED .50% (MAX) INERT AND OTHER CROP 1.50% (MAX)	HYDROSEED		

PLANTING NOTES:

1. THE LANDSCAPE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES WITHIN THE LIMIT OF WORK AND IS RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
2. ALL TREE AND SHRUB LOCATIONS ARE TO BE STAKED ON SITE FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
3. SUBSTITUTIONS: THE LANDSCAPE ARCHITECT SHALL APPROVE ANY SUBSTITUTION.
4. DO NOT PRUNE PLANTS UNLESS DIRECTED TO DO SO BY THE LANDSCAPE ARCHITECT.
5. CONTAINER STOCK IS PREFERRED FOR ALL PLANTS. IF CONTAINER STOCK IS NOT AVAILABLE FOR TREES, THEN ALL B&B PLANT MATERIAL SHALL HAVE ALL WIRE, TWINE, OR OTHER CONTAINMENT MATERIAL, EXCEPT FOR 100% HEMP BURLAP, REMOVED FROM THE TRUNK AND ROOT BALL OF THE PLANT PRIOR TO PLANTING. REMOVE THE TOP 2/3 OF THE HEMP BURLAP AFTER PLACING PLANT IN THE PIT.
6. PLANTING SOIL FOR ALL PLANTING AREAS:
 - a. DO NOT STORE BULK MATERIALS NEAR STRUCTURES, OVER EXISTING PLANTING, OVER UTILITIES, WALKWAYS AND PAVEMENTS.
 - b. PROVIDE EROSION CONTROL MEASURES TO PREVENT DISPLACEMENT OF BULK MATERIALS. DISCHARGE INTO WATERWAYS OR SEWERS, AND AIRBORNE DUST.
 - c. PREPARING PLANTING AREAS, AND SPREADING SOIL SHALL BE COMPLETED BY THE LANDSCAPE CONTRACTOR AND SUPERVISED BY THE GENERAL CONTRACTOR SO THAT GRADES ARE MET AS NOTED ON THE GRADING PLANS.
 - d. ALL IMPORTED PLANTING AREA SOIL SHALL BE 2-WAY (60% SAND, 40% COMPOST) TOPSOIL FROM AN APPROVED SOURCE. PROVIDE A 1-QUART SAMPLE FOR APPROVAL PRIOR TO IMPORTING ANY SOIL. TOPSOIL NOT MEETING INDUSTRY STANDARDS FOR COMPOSITION AND NUTRIENTS SHALL BE REJECTED.
 - e. QUANTITY OF IMPORTED SOIL SHALL BE EQUAL TO A MINIMUM OF SIX (6) INCHES DEPTH IN ALL LANDSCAPE BEDS. THE SOIL INSTALLATION PROCESS OUTLINED BELOW SHALL COMBINE THIS QUANTITY OF IMPORTED SOIL WITH SUBSOIL TO RESULT IN AN EIGHT (8) INCH DEPTH OF PLANTING SOIL.
 - f. SOIL INSTALLATION: APPLY TWO (2) INCHES OF APPROVED IMPORTED SOIL OVER PREPARED SUBGRADE. TILL IMPORTED SOIL INTO TOP TWO (2) INCHES OF SUBSOIL TO CREATE AMENDED SOIL. APPLY AN ADDITIONAL FOUR (4) INCHES OF IMPORTED SOIL OVER AMENDED SOIL, TO CREATE AN EIGHT (8) INCH LAYER OF PLANTING SOIL. ROLL AND RAKE SMOOTH. ENSURE NO ROCKS OR OTHER DEBRIS EXCEEDING 3 INCHES IN DIAMETER REMAIN.
 - g. IF PREPARED SOIL OR PREPARED SUBGRADE IS RE-COMPACTED, RESTORE AS DIRECTED BY THE LANDSCAPE ARCHITECT.
8. MULCH ENTIRE LANDSCAPE AREA TO A DEPTH OF 3 INCHES WITH DARK FINE MULCH. PROVIDE A 1-QUART SAMPLE FOR APPROVAL PRIOR TO IMPORTING ANY MULCH.
9. MULCH SHALL NOT BE ABOVE OR MORE THAN 1/2 INCH BELOW ADJOINING SURFACE. MULCH SHALL BE HELD BACK 2-3 INCHES FROM THE STEMS AND TRUNKS OF PLANTS.
10. DURING PLANTING OPERATIONS, KEEP ADJACENT PAVING AREAS CLEAN AND PROTECTED FROM DAMAGE. WORK AREA SHALL BE KEPT CLEAN AND ORDERLY.
11. DO NOT REMOVE NURSERY TAGS, STAKES, AND TIES UNTIL DIRECTED TO DO SO BY THE LANDSCAPE ARCHITECT.
12. WARRANTY: INSTALLER AGREES TO WARRANTY PLANTING THAT FAILS IN MATERIALS, WORKMANSHIP OR GROWTH WITHIN A WARRANTY PERIOD OF 12 MONTHS FROM THE DATE OF PLANTING COMPLETION.
13. PLANT SYMBOLS SHALL DICTATE PLANT COUNT.
14. ALL LANDSCAPING SHALL BE PLANTED AND MAINTAINED IN A LIVING CONDITION BY THE CONTRACTOR UNTIL FINAL OWNER ACCEPTANCE.

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			DRAWN BY:	JOB No.:
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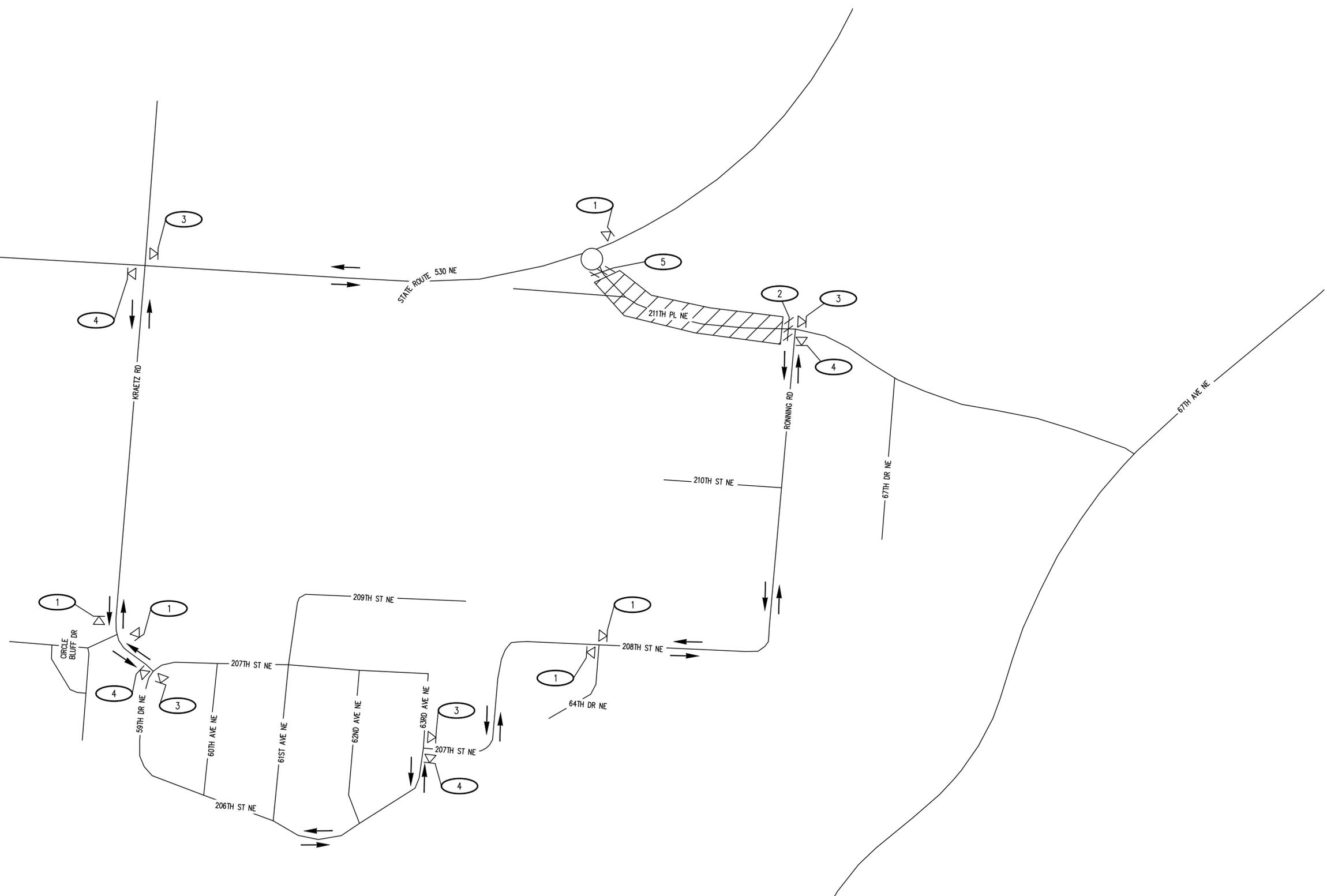
CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE

LANDSCAPE SCHEDULE & NOTES

DRAWING No.: LS-05
 SHEET No.: 61 OF 81

LEGEND

-  TYPE 3 BARRICADE
-  CLASS B SIGN LOCATION
-  DETOUR ROUTE
-  CONSTRUCTION SIGN CALLOUT
-  FULL ROAD CLOSURE



M4-9
(30" X 24")
B/O



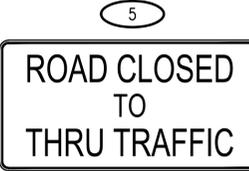
R11-2
(48" X 30")
B/W



M4-9L
(30" X 24")
B/O



M4-9R
(30" X 24")
B/O



R11-4
(60" X 30")
B/W

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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
DETOUR PLAN

DRAWING No.: DU-01
SHEET No.: 62 OF 81



M4-9
(30" X 24")
B/O



R11-2
(48" X 30")
B/W



M4-9L
(30" X 24")
B/O

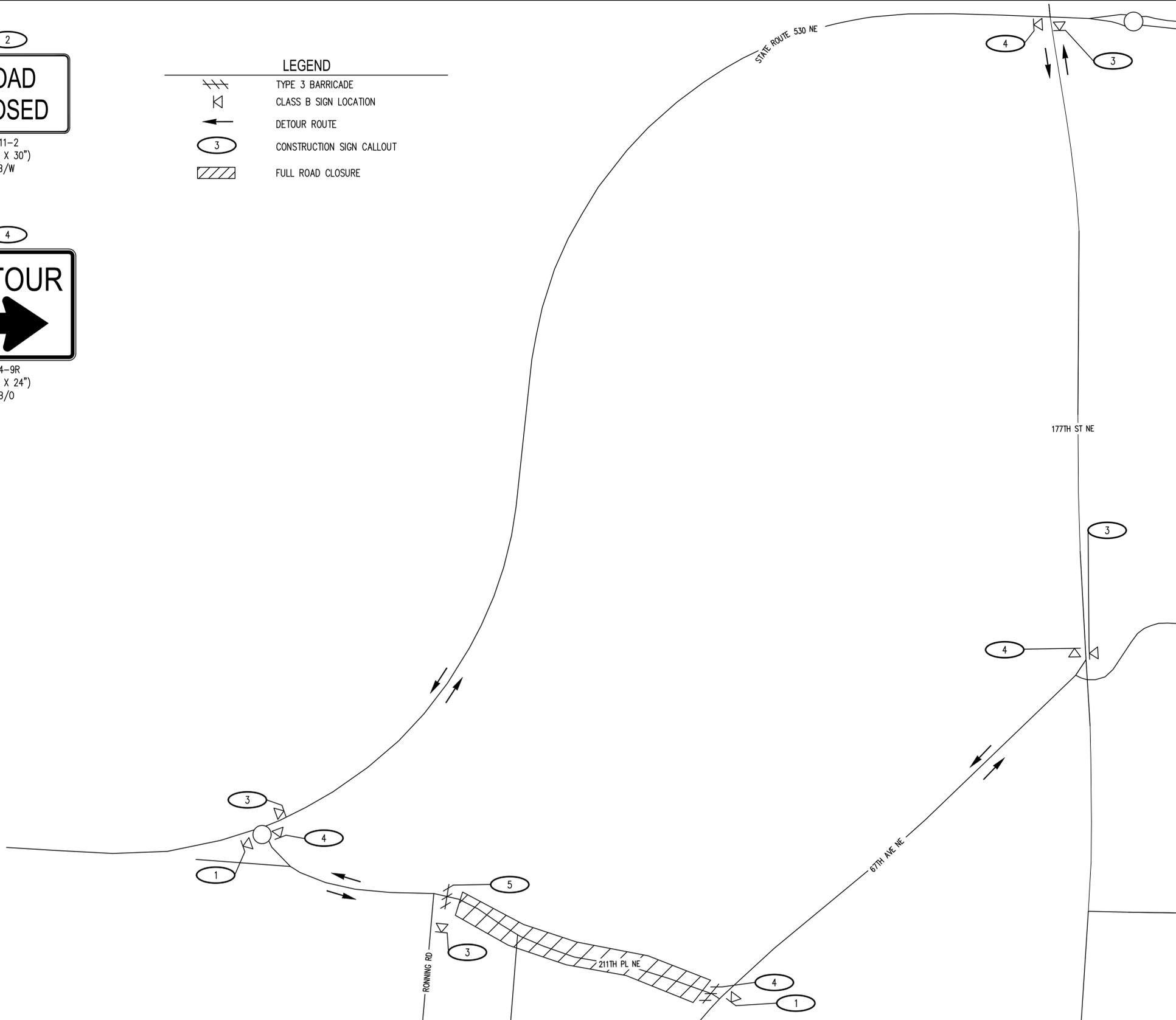


M4-9R
(30" X 24")
B/O



R11-4
(60" X 30")
B/W

LEGEND	
	TYPE 3 BARRICADE
	CLASS B SIGN LOCATION
	DETOUR ROUTE
	CONSTRUCTION SIGN CALLOUT
	FULL ROAD CLOSURE



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			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
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CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

DETOUR PLAN

DRAWING No.: DU-02
SHEET No.: 63 OF 81

SIGN SPACING = X (1)		
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

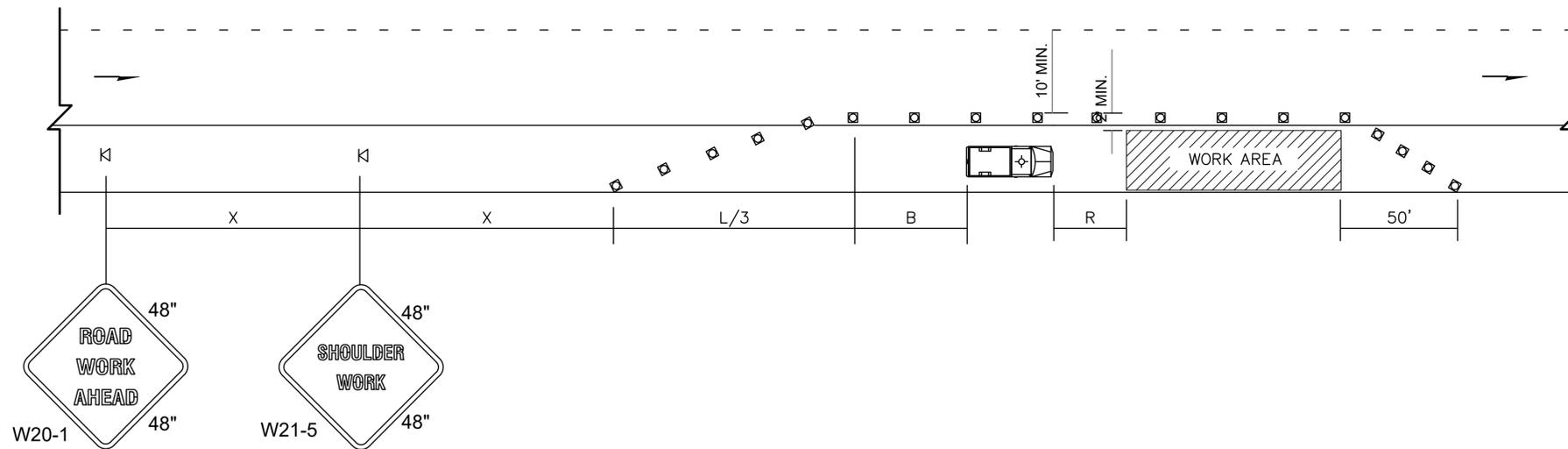
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	-	-	-	-	-	-
10'	40	60	90	90	-	-	-	-	-	-

USE A 3 DEVICES TAPER FOR SHOULDERS LESS THEN 8'

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.						HOST VEHICLE WEIGHT > 22,000 lbs.				
< 45 MPH	45-55 MPH	> 55 MPH				< 45 MPH	45-55 MPH	> 55 MPH		
100'	123'	172'				74'	100'	150'		
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
35/40	30	60
25/30	20	40



LEGEND	
K	TEMPORARY SIGN LOCATION
□	CHANNELIZING DEVICES
	PROTECTIVE VEHICLE

SHOULDER CLOSURE – LOW SPEED (40 MPH OR LESS)

NOT TO SCALE

NOTES

1. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
2. ALL SIGNS ARE BLACK ON ORANGE.

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			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
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CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

TRAFFIC CONTROL

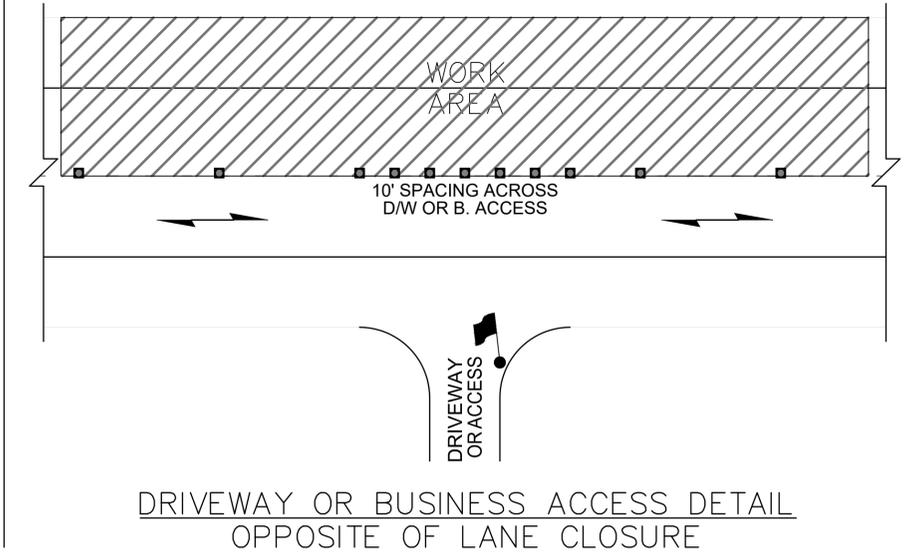
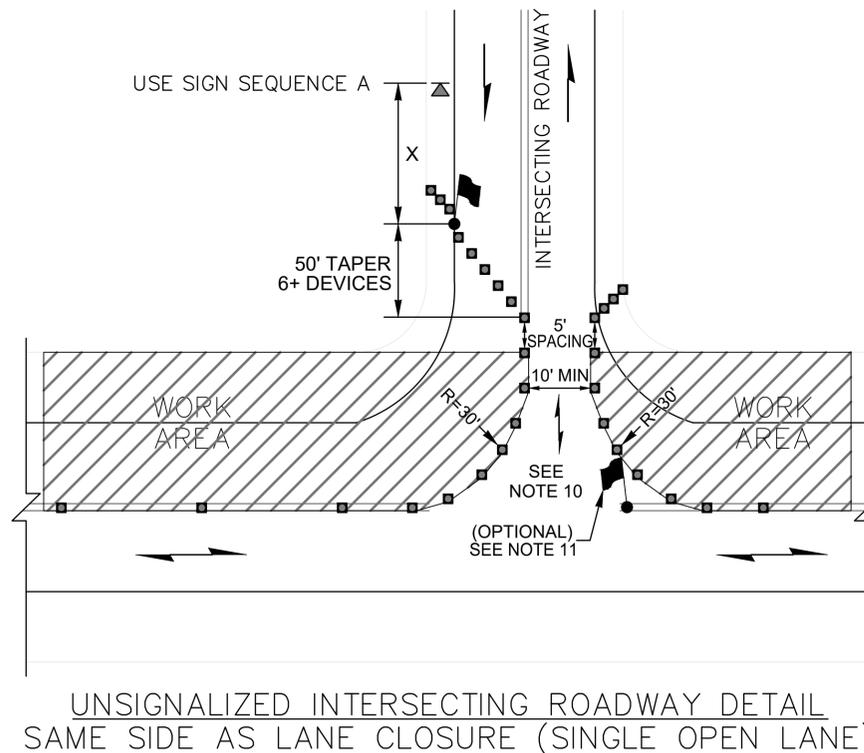
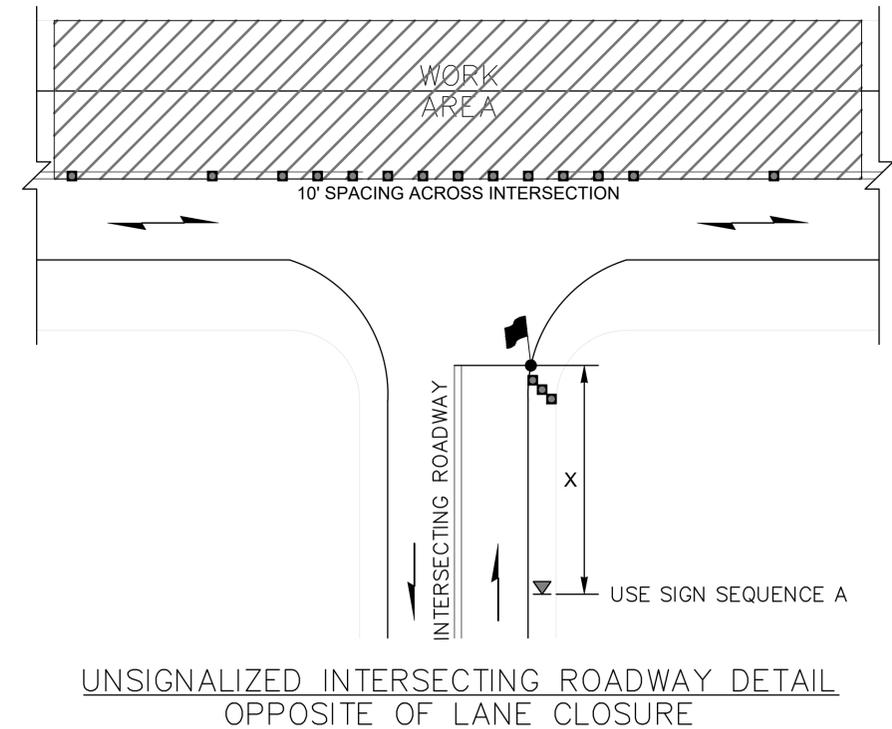
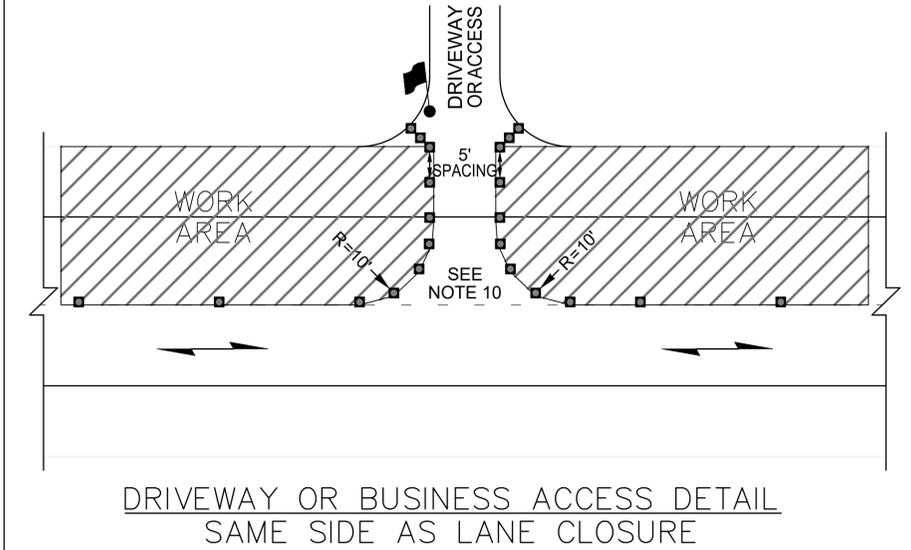
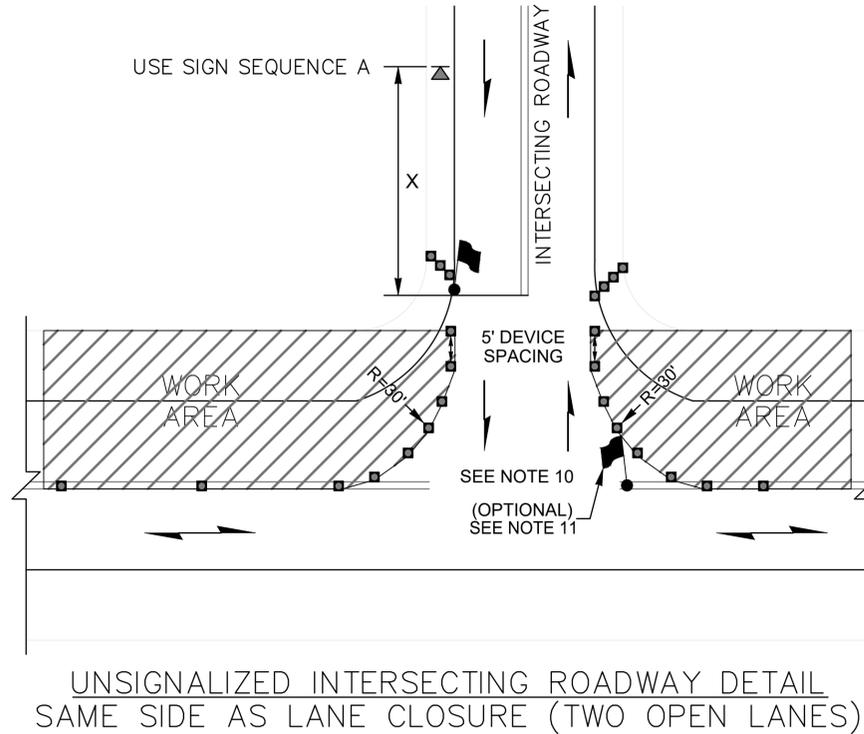
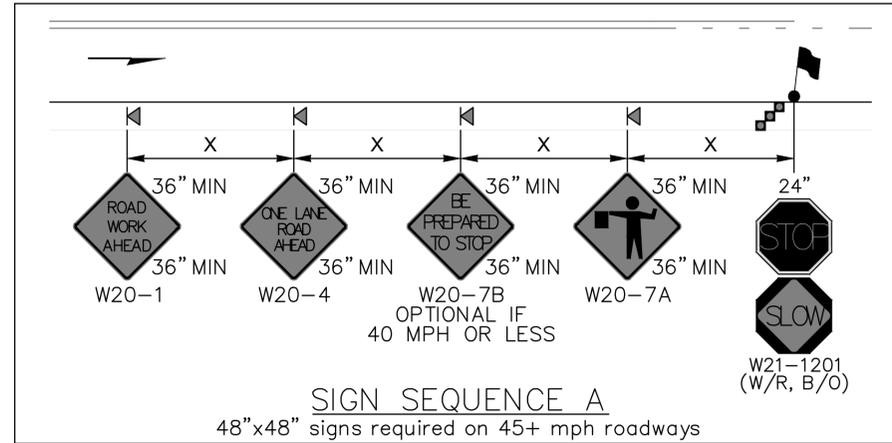
DRAWING No.: TC-01
SHEET No.: 64 OF 81

NOTES:

9. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC03.

10. WORK MAY BRIEFLY OCCUR WITHIN LANE CLOSURE ACROSS INTERSECTING ROADWAY APPROACHES, BUSINESS ACCESSES, OR DRIVEWAYS. MAY HOLD APPROACH OR ACCESS TRAFFIC FOR 5 MINUTES OR LESS (ENGINEER MAY ACCEPT HOLDS UP TO 10 MINUTES) WHILE RESTRICTING TURNS FROM MAINLINE. CHANNELIZATION DEVICES DELINEATING APPROACH OR ACCESS MAY BE REMOVED OR RELOCATED AS NEEDED.

11. SINGLE FLAGGER (WITH RED FLAG/ RED GLOW CONE FLASHLIGHT) MAY BE ADDED TO THE INTERSECTING ROADWAY APPROACH TO HELP GUIDE ALTERNATING & TURNING TRAFFIC.

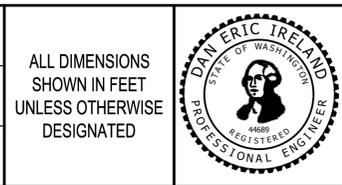


ALTERNATING 1-LANE, 2-WAY TRAFFIC: FLAGGER-CONTROLLED (HIGHWAYS, 40 MPH OR LESS)
NOT TO SCALE

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 PROJECTS\6688 CITY OF ARLINGTON\22-000884-ARLINGTON 211TH NE-67TH AVE CORRIDOR\22-000884-TC-01.DWG

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			A. ARMSTRONG	JANUARY, 2024
			DRAWN BY:	JOB No.:
			J. VERDUZCO	22-000884
			CHECKED BY:	DRAWING FILE No.:
			D. IRELAND	_22-000884 TC-01

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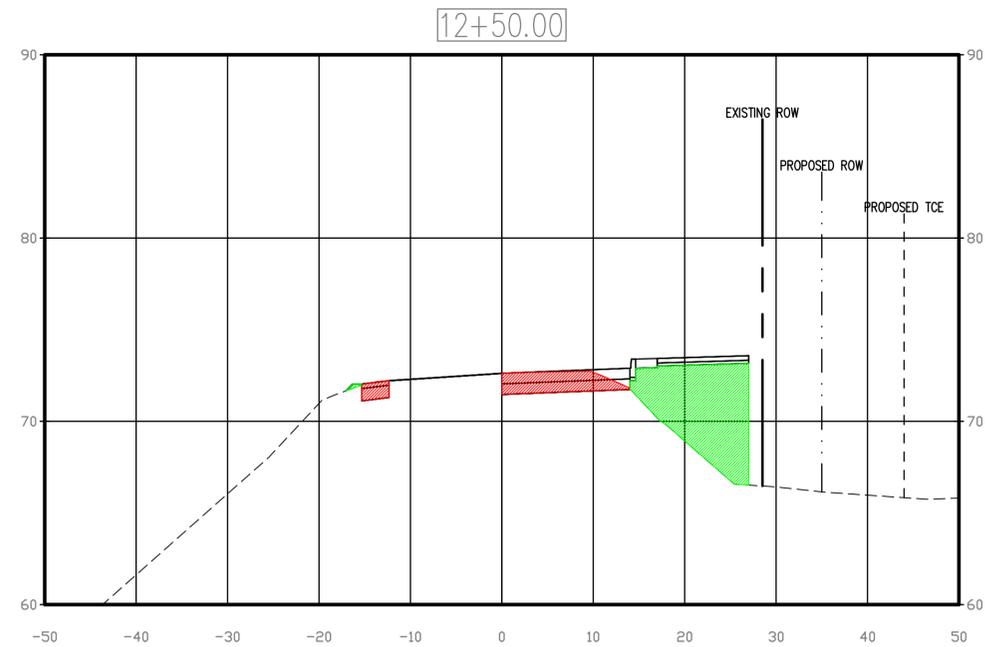
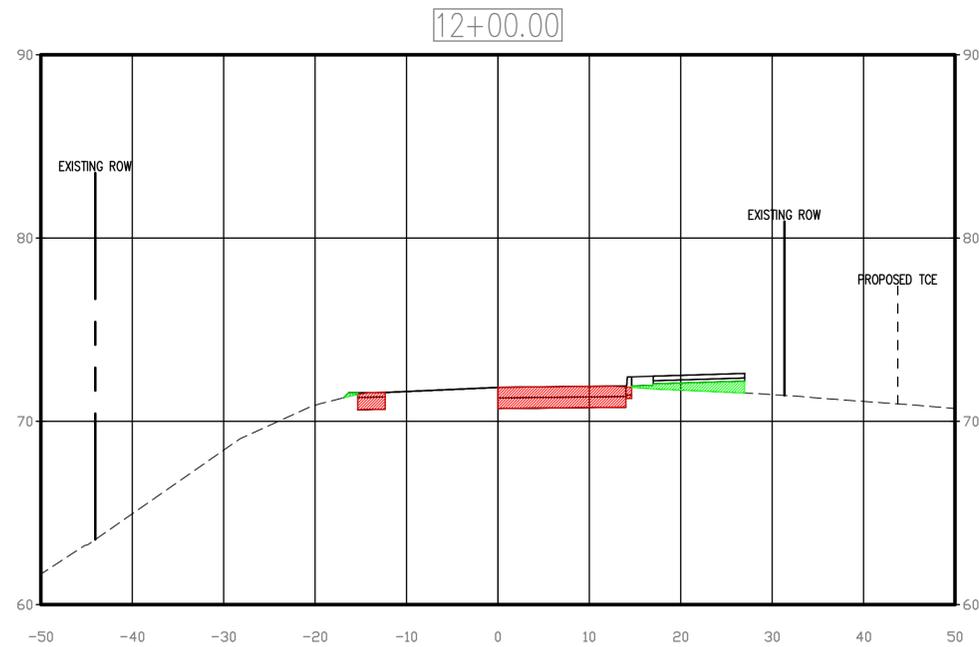
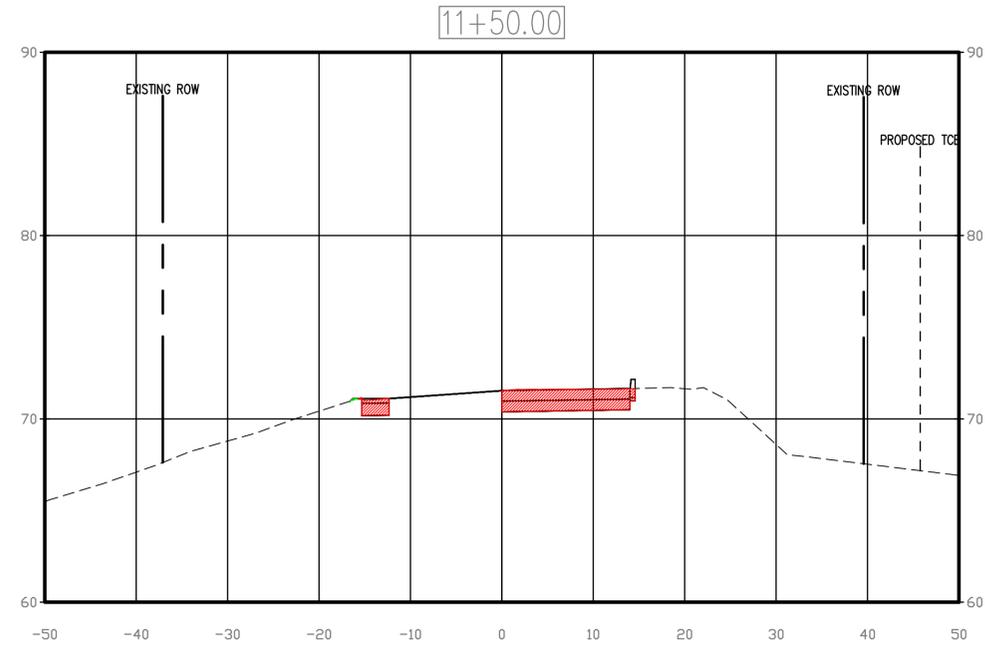
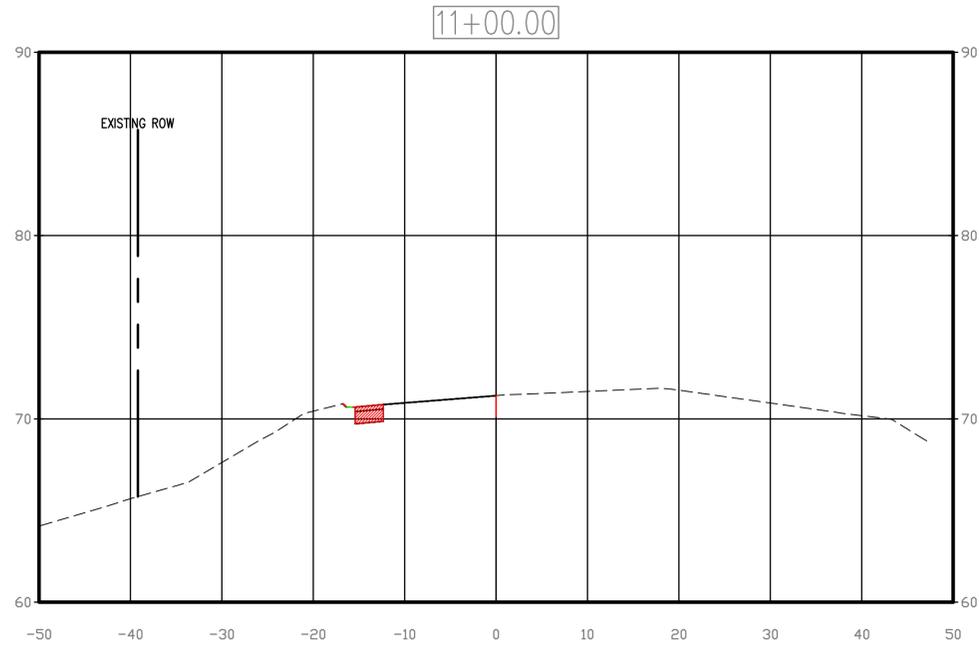


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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
TRAFFIC CONTROL

DRAWING No.: TC-04
 SHEET No.: 67 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-01

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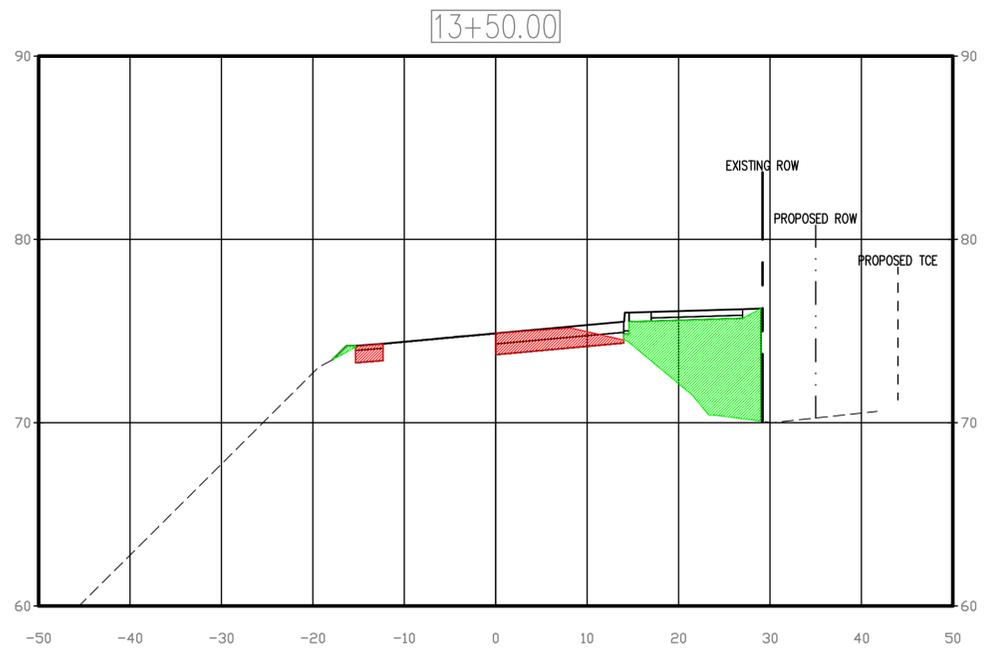
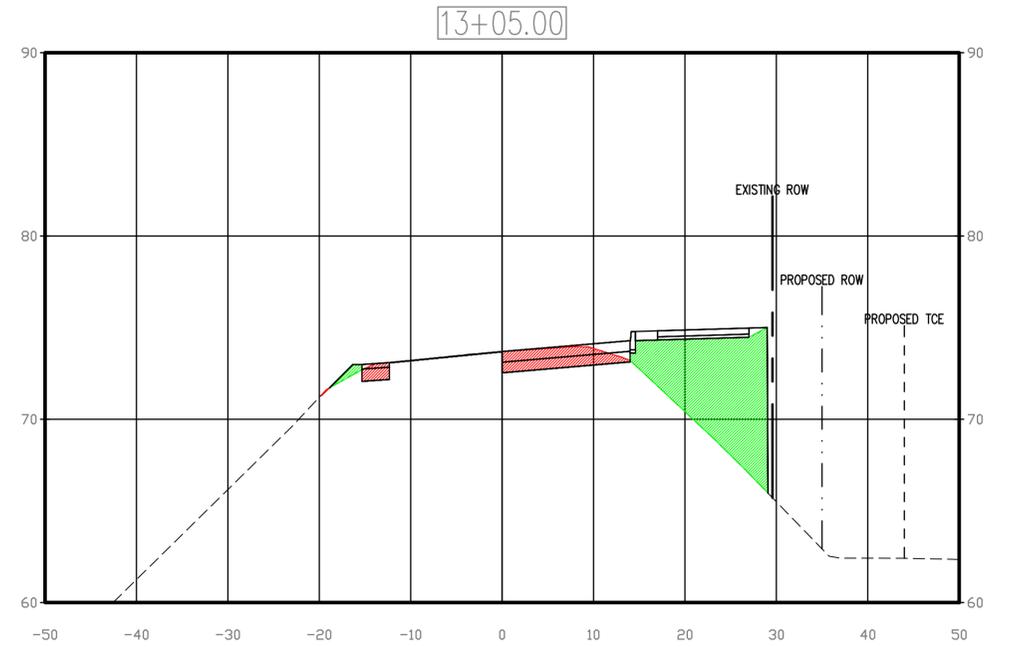
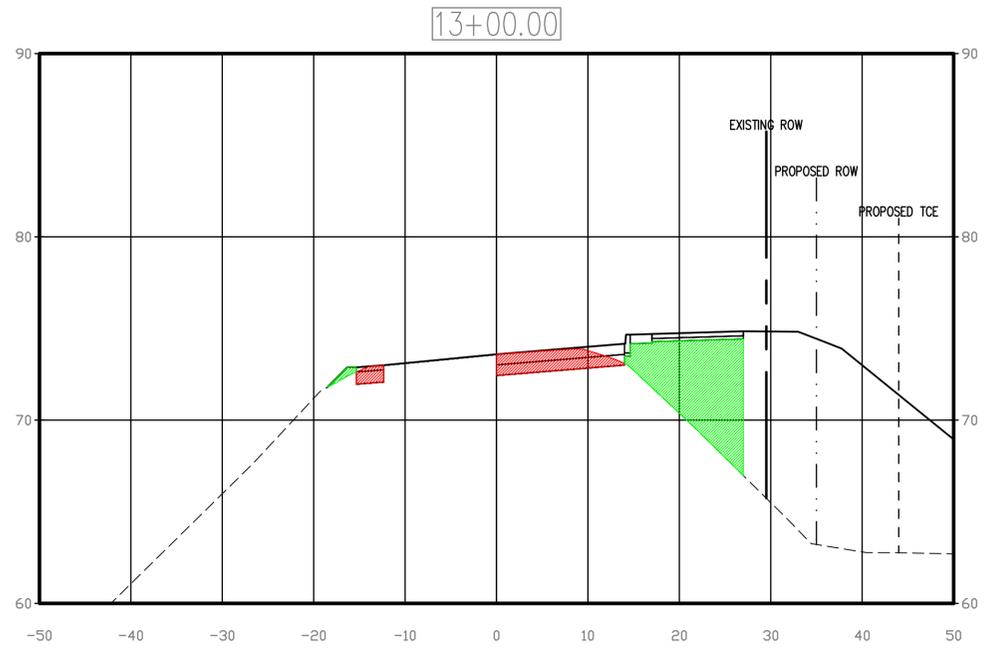



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 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.:
CS-01
 SHEET No.:
68 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-01

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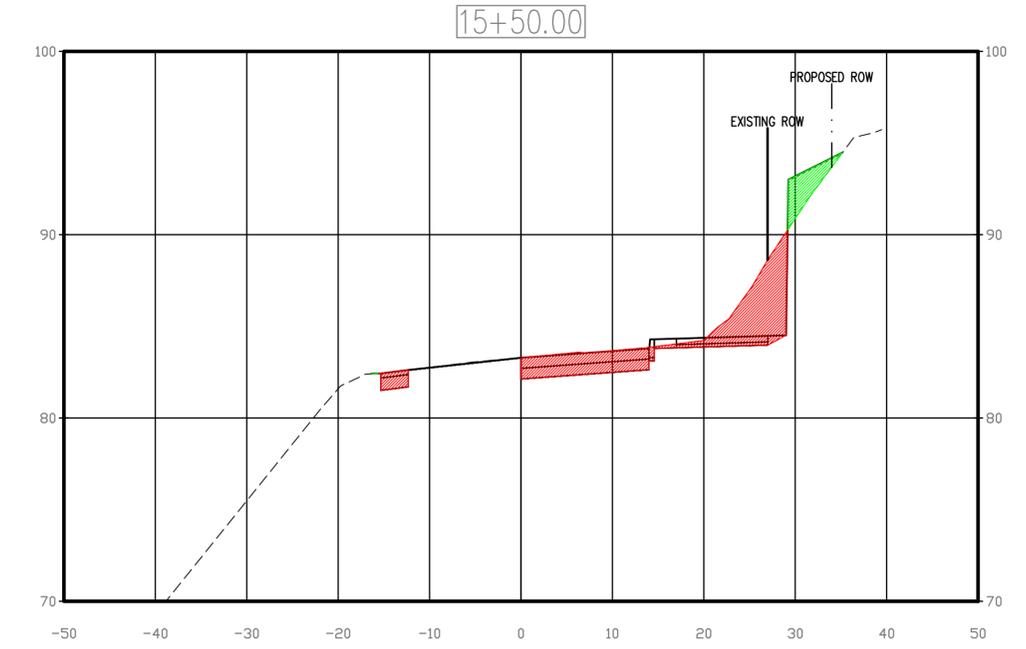
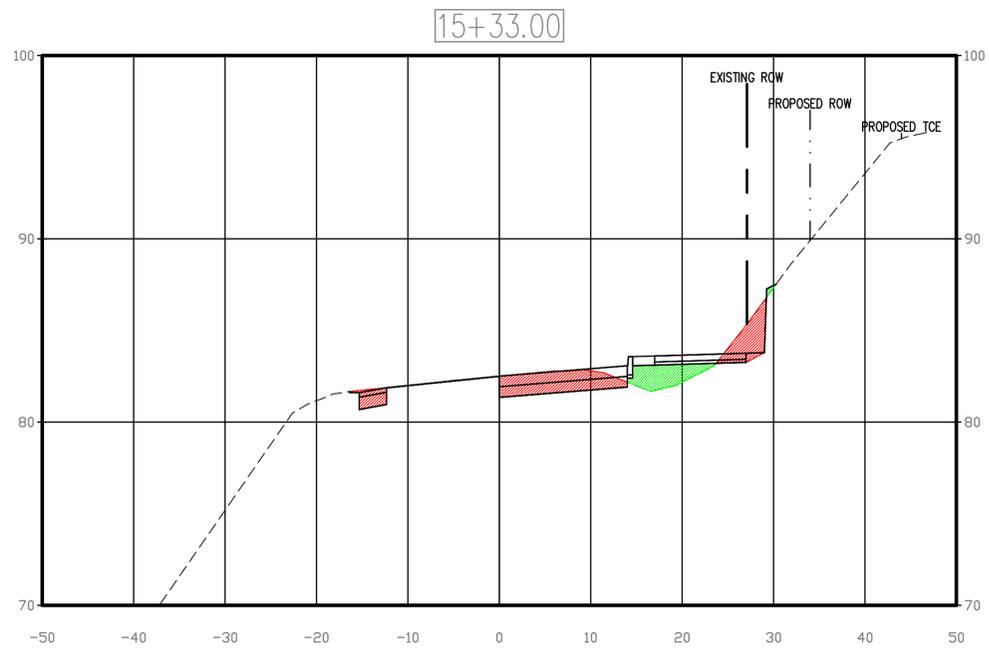
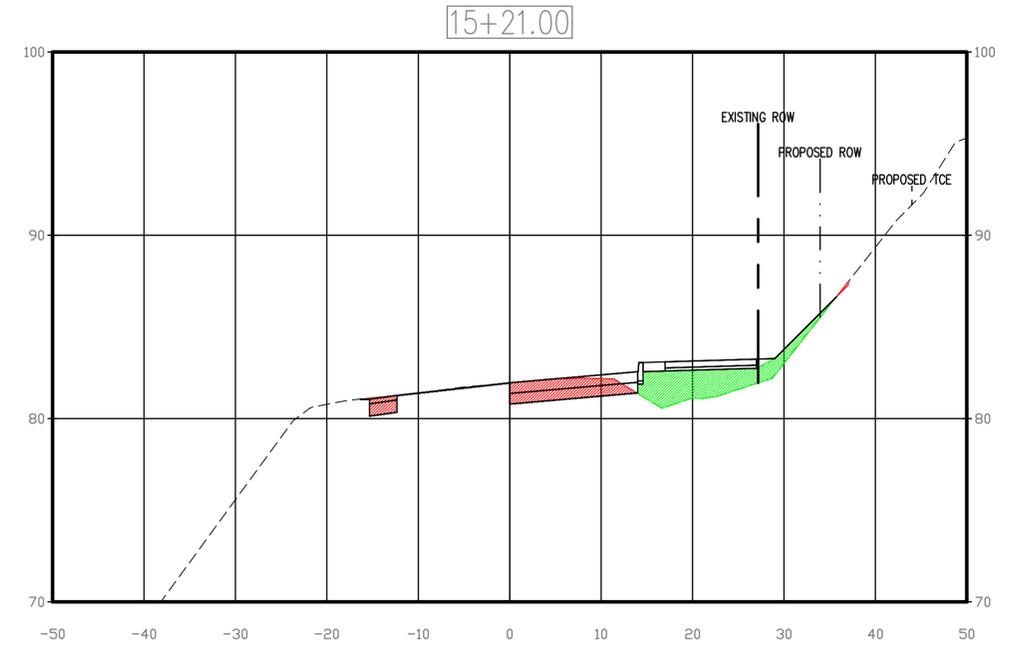
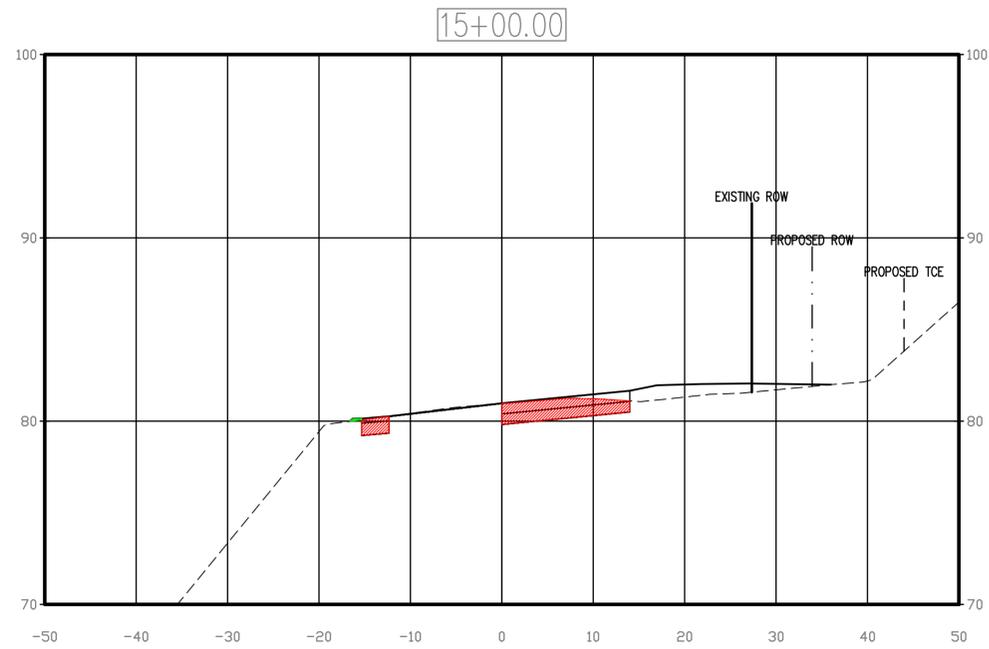



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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.: CS-02
SHEET No.: 69 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: _22-000884 CS-01

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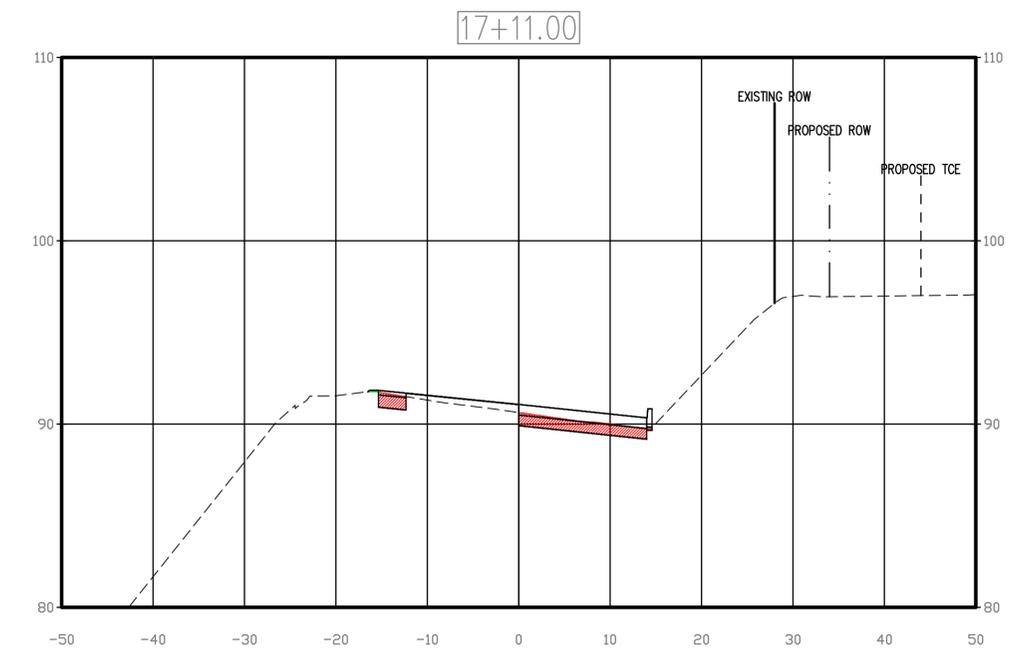
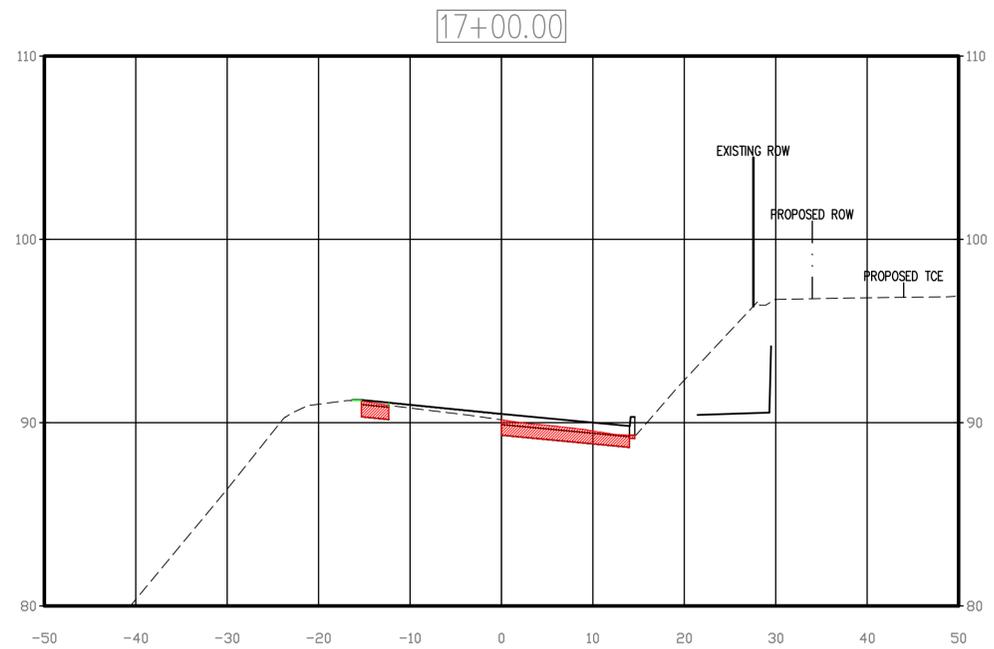
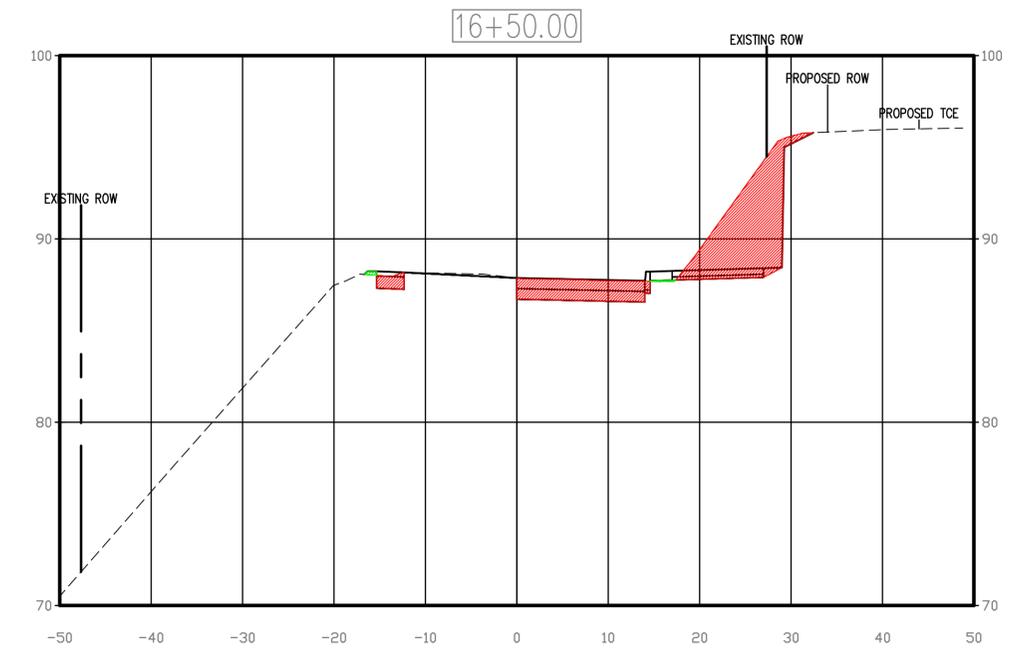
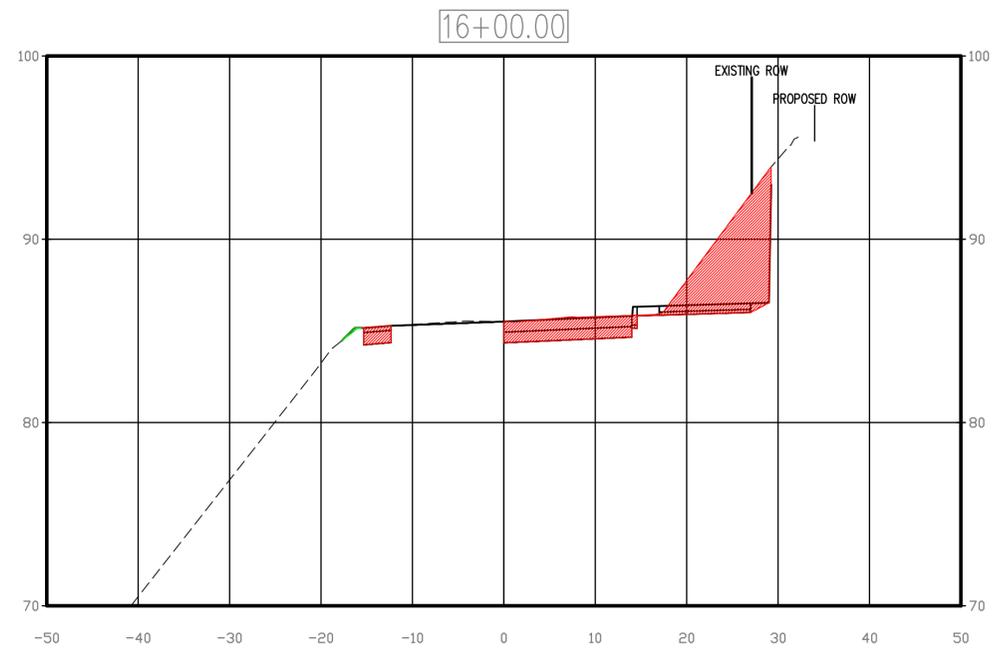



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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.:
CS-04
 SHEET No.:
71 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
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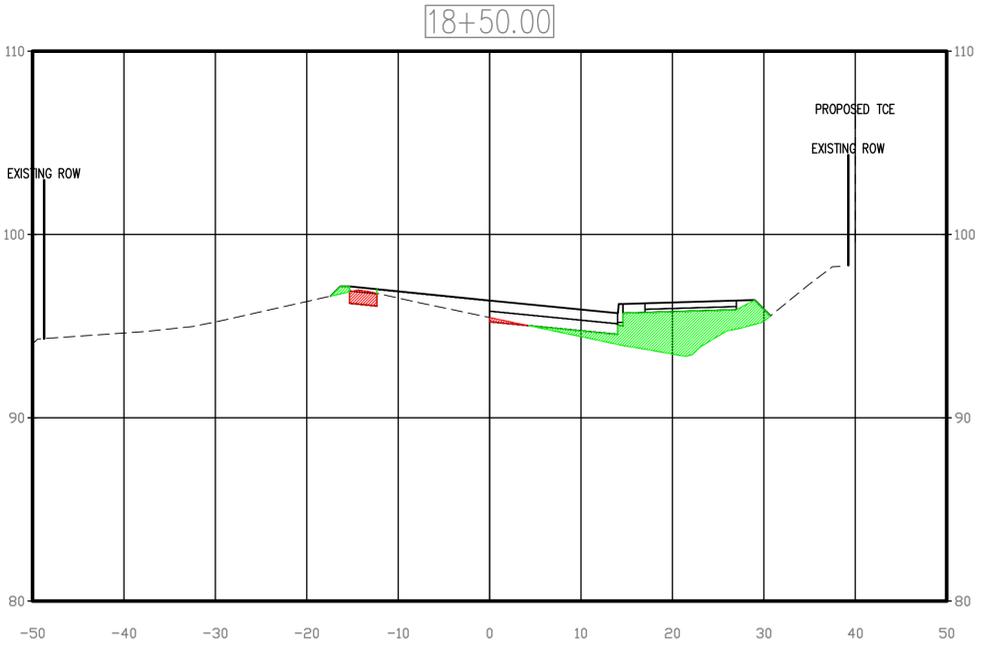
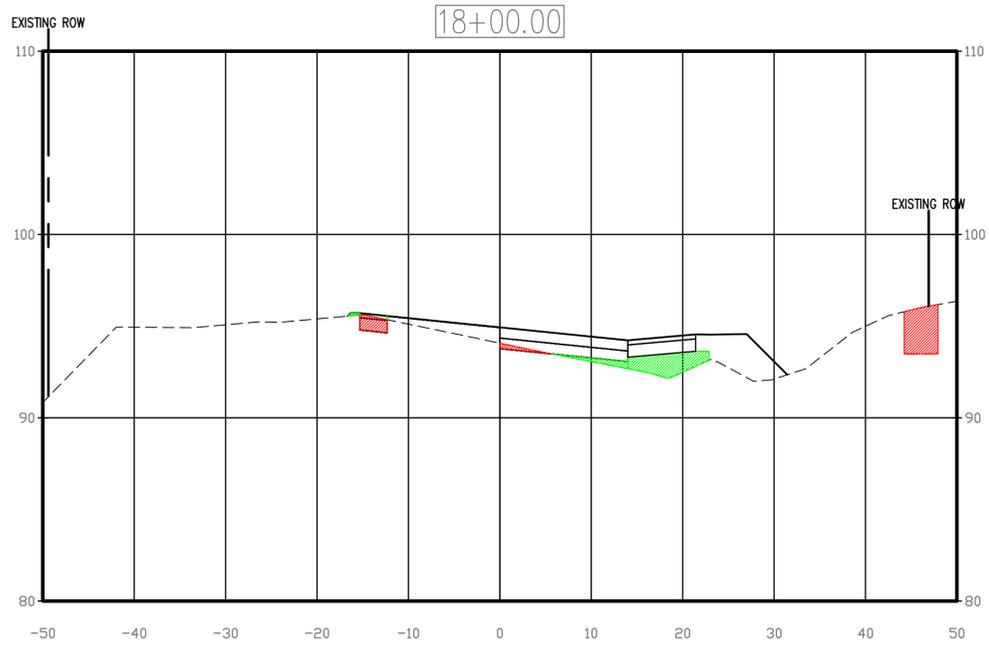
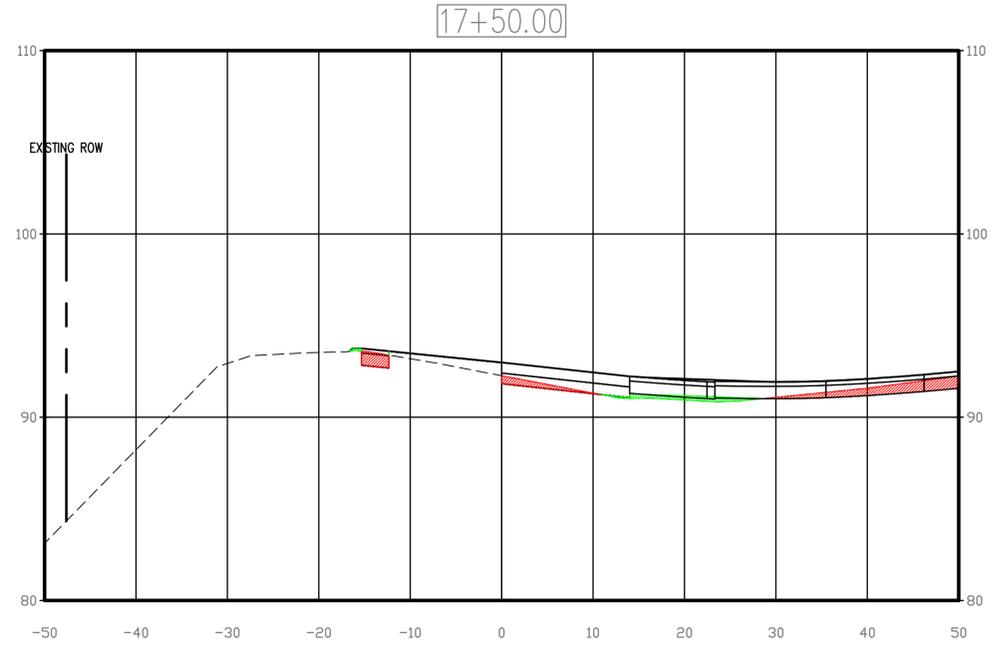
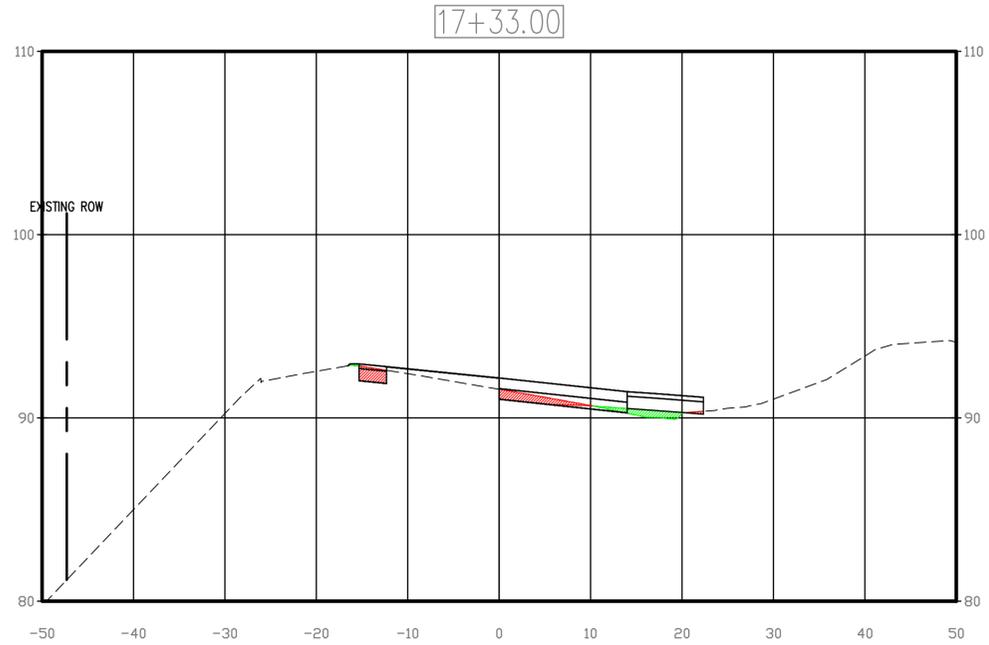



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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.: CS-05
SHEET No.: 72 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZZO	JOB No.: 22-000884
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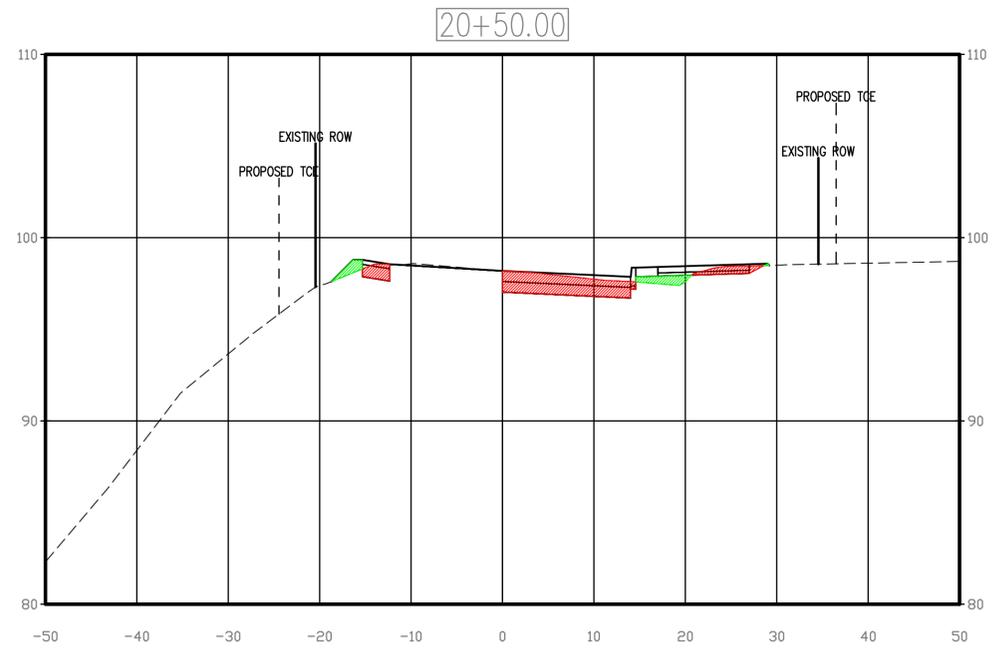
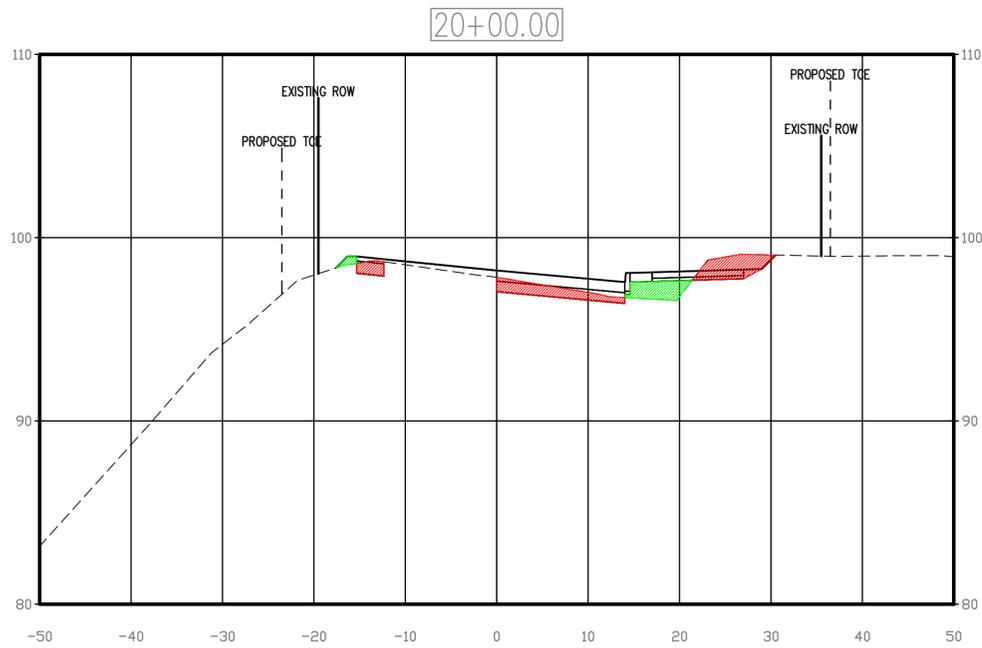
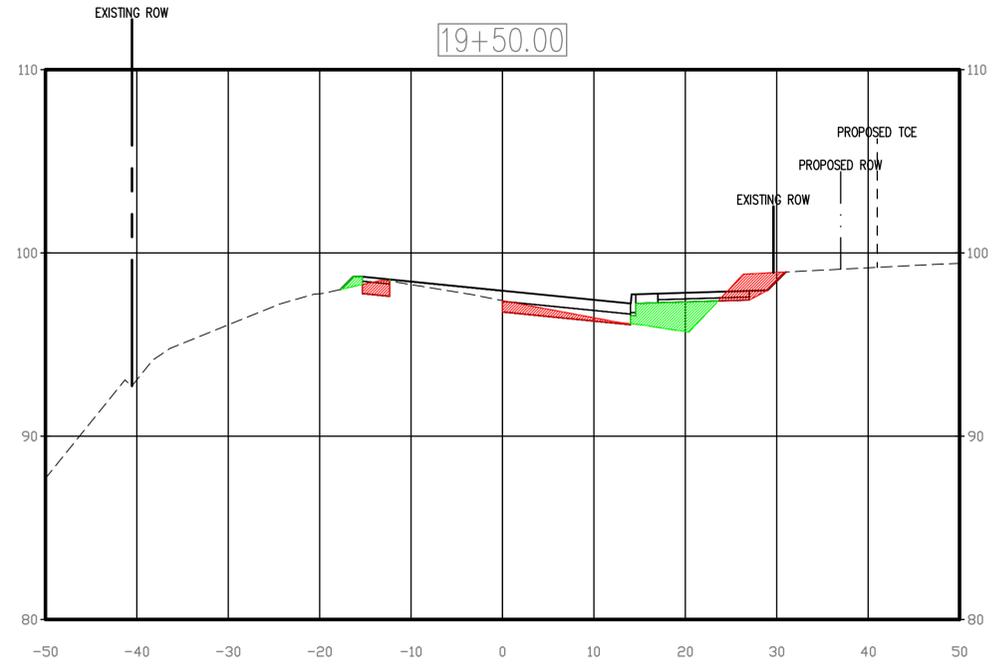
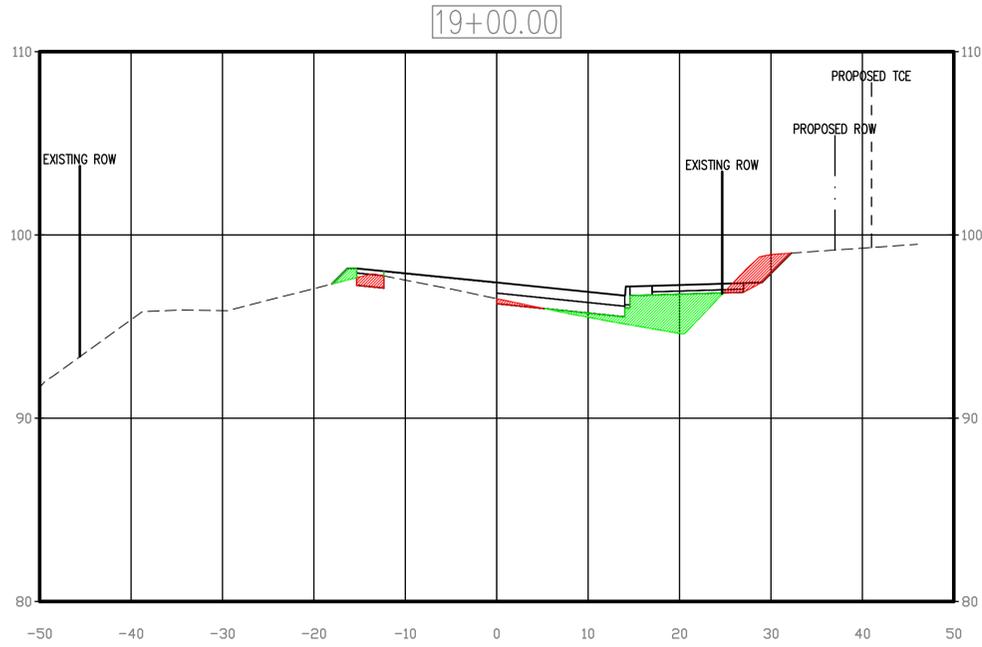


CITY OF ARLINGTON
211TH PLACE CORRIDOR IMPROVEMENT PROJECT
SR-530 TO 67TH AVE NE

CROSS SECTIONS

DRAWING No.:
CS-06

SHEET No.:
73 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZZO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-02

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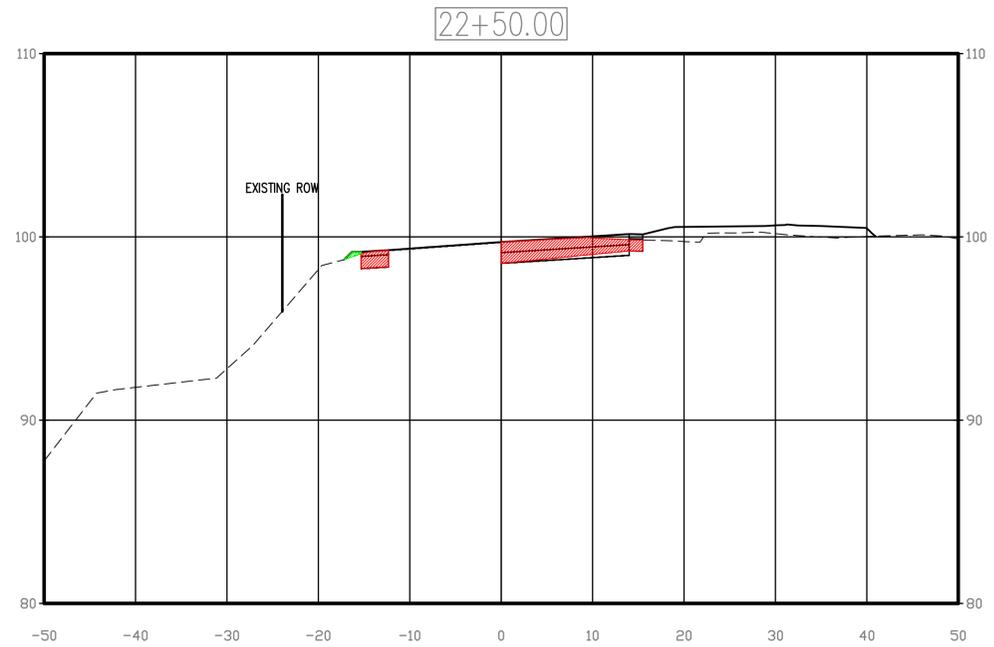
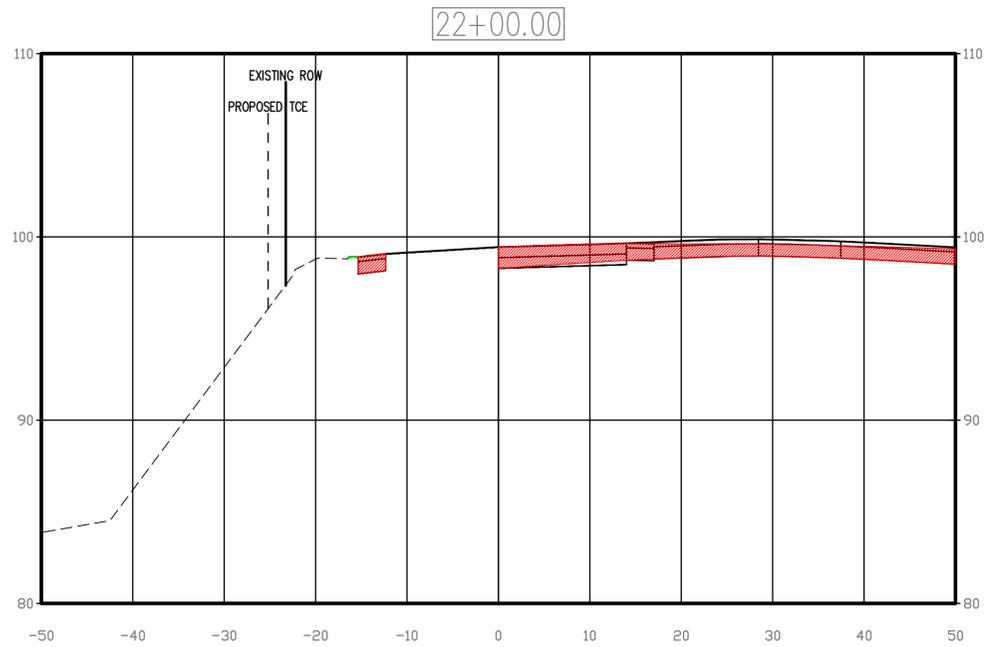
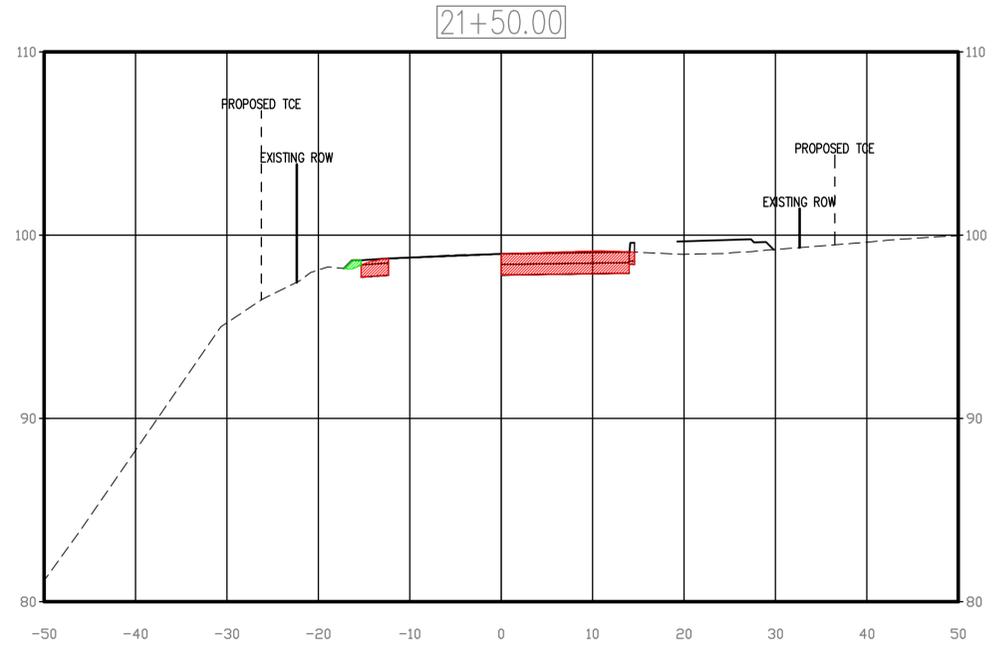
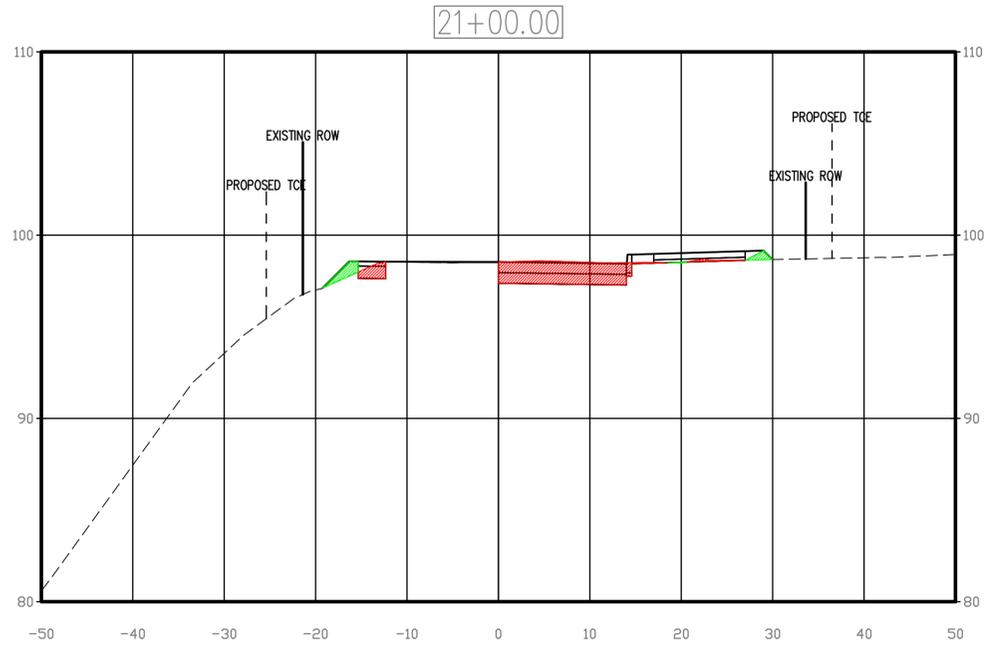



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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.: CS-07
 SHEET No.: 74 OF 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZZO	JOB No.: 22-000884
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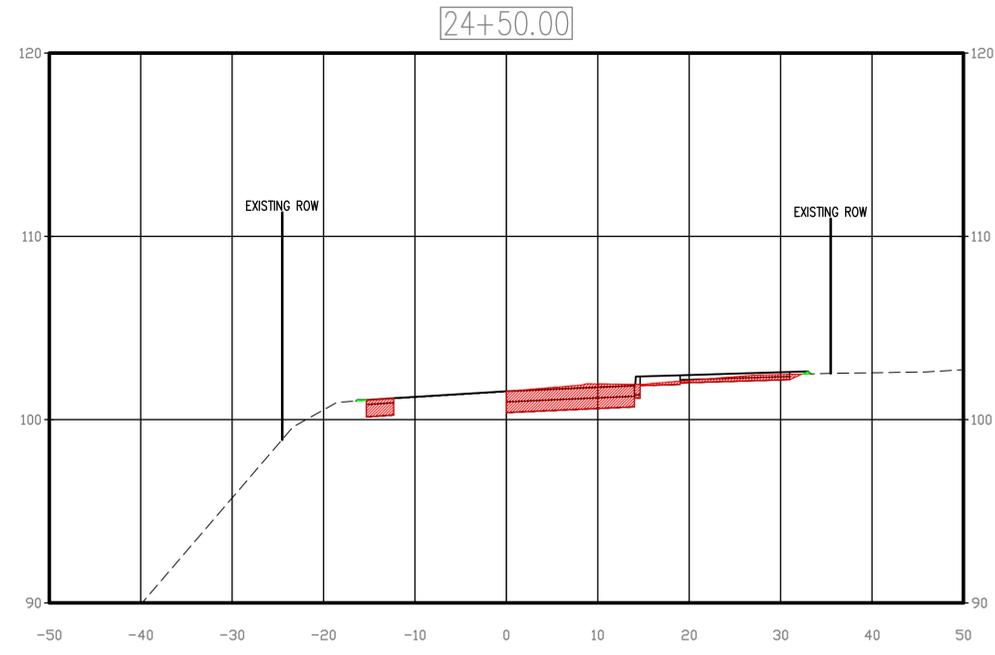
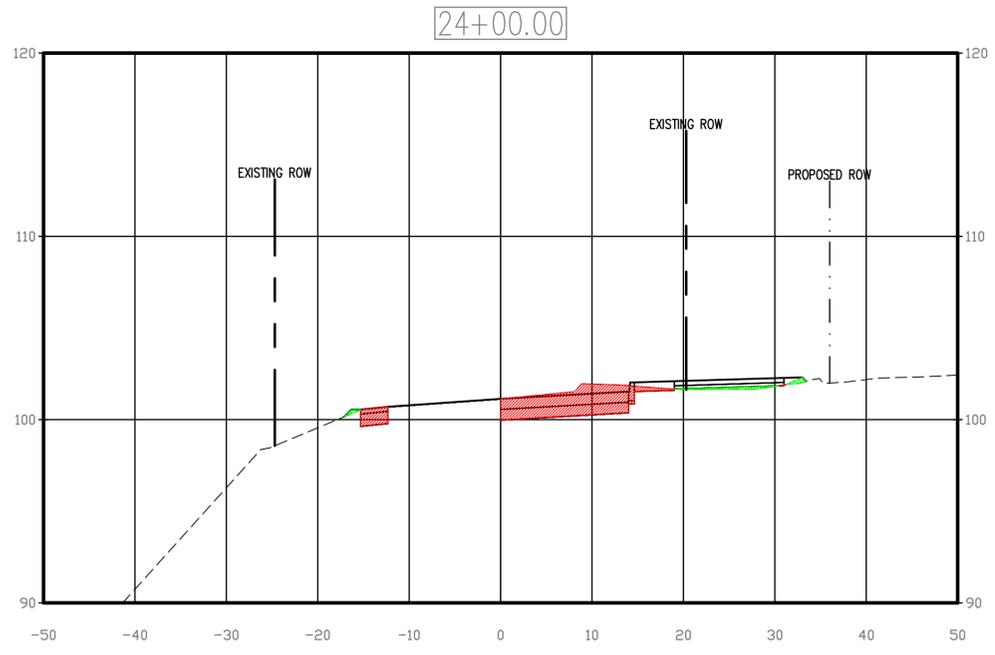
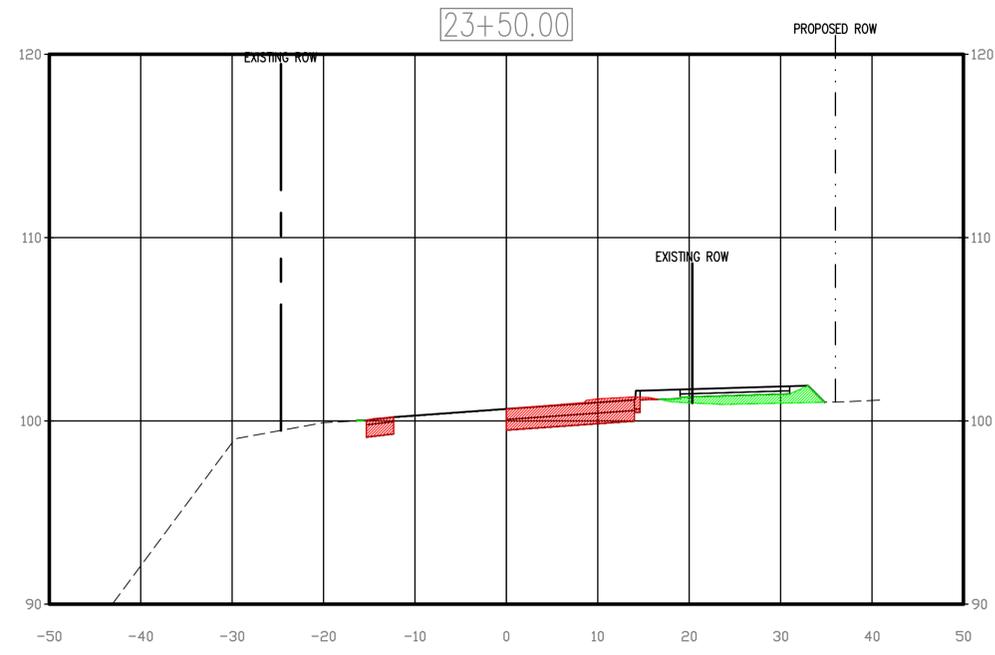
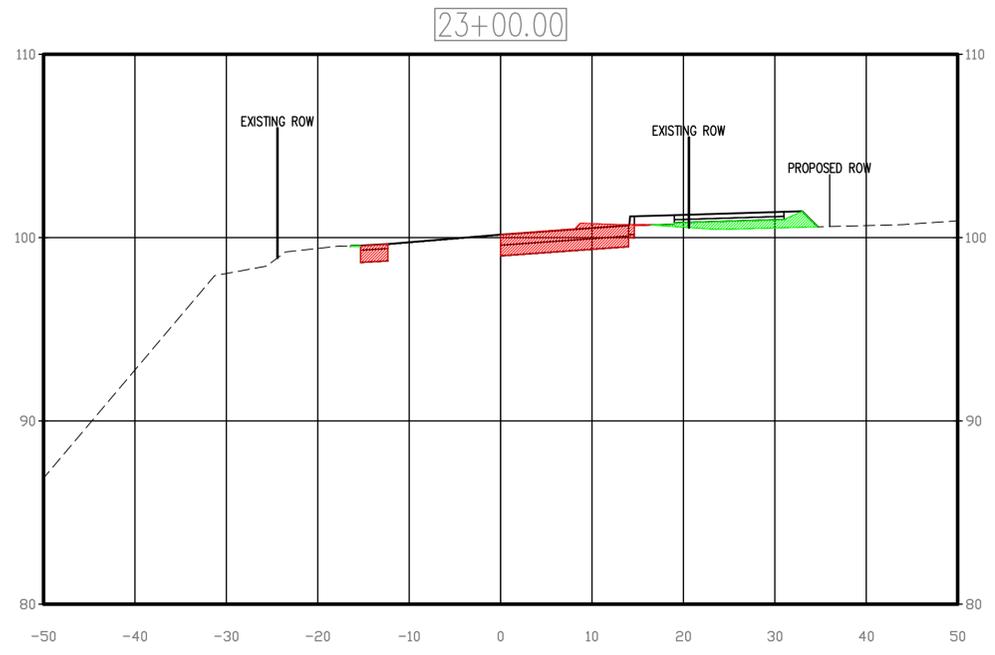



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 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.: CS-08
 SHEET No.: 75 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-02

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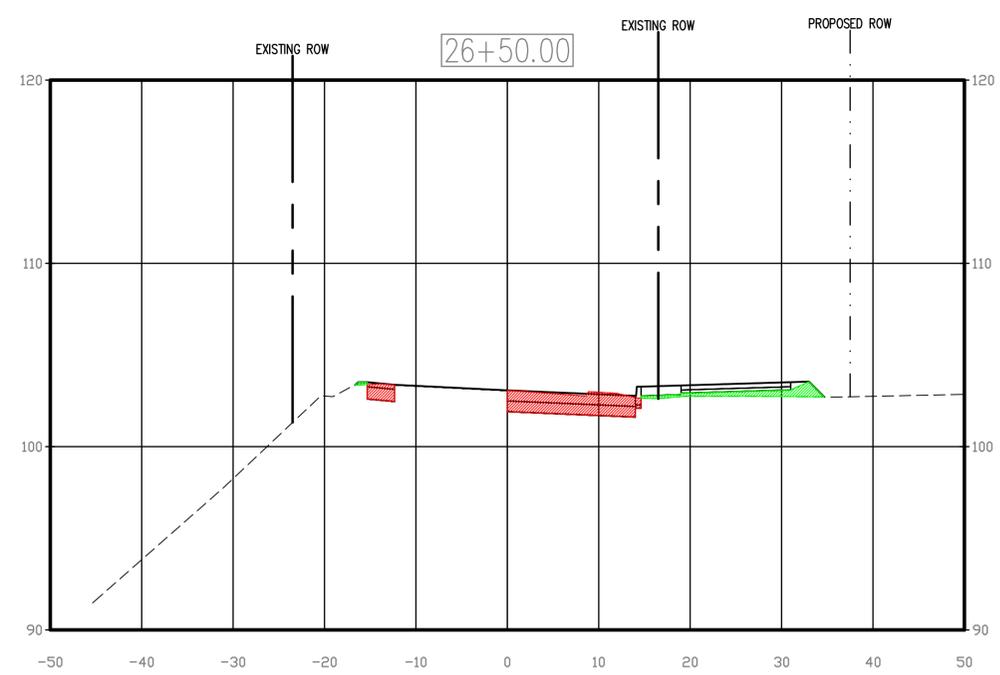
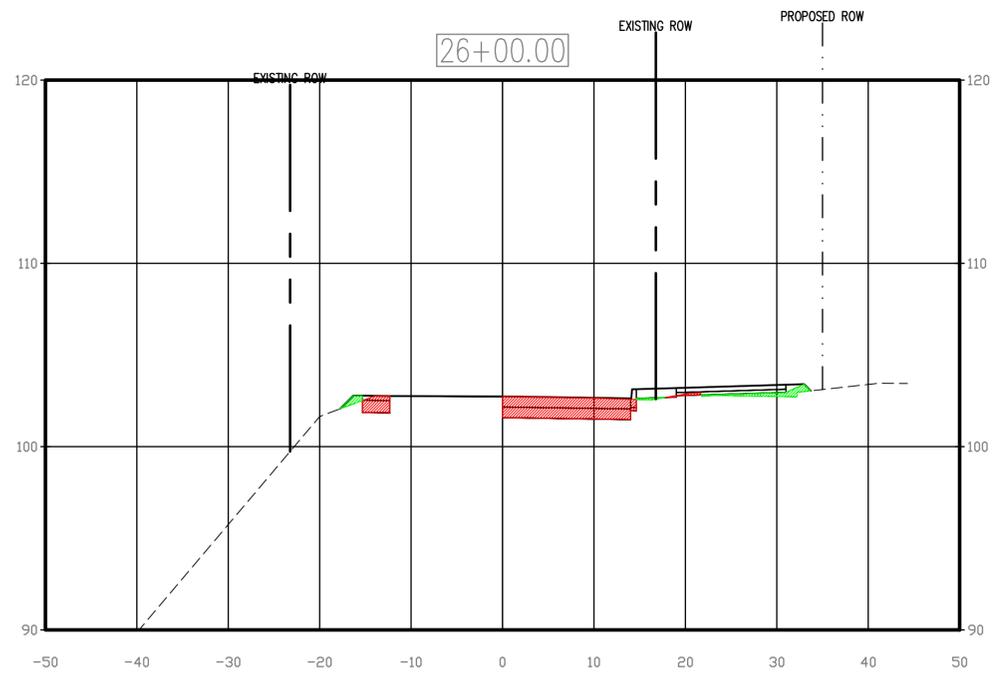
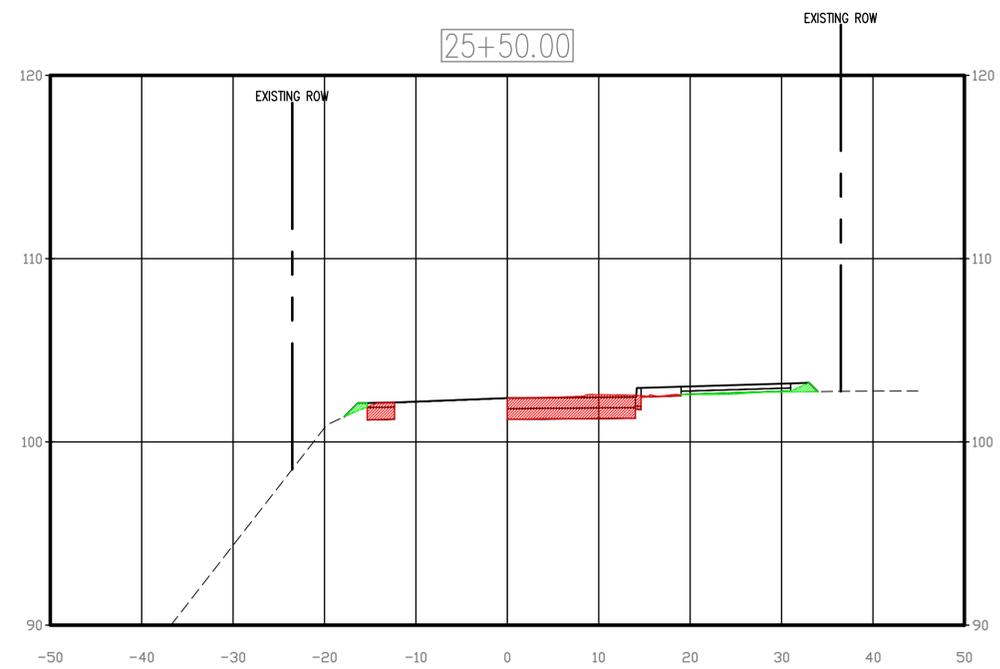
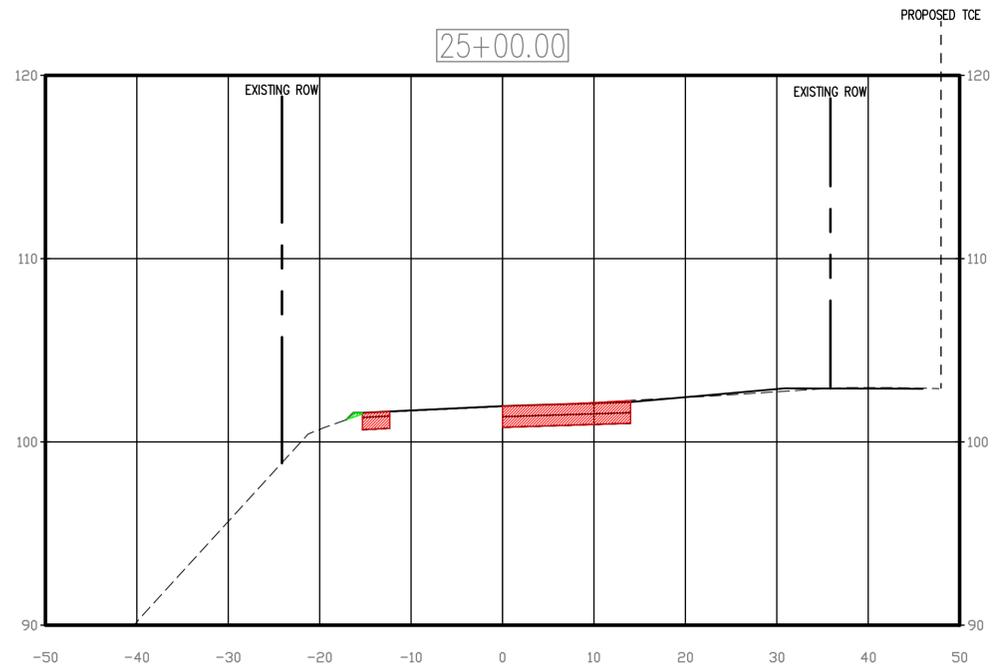



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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.:
CS-09
 SHEET No.:
76 OF 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZZO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-02

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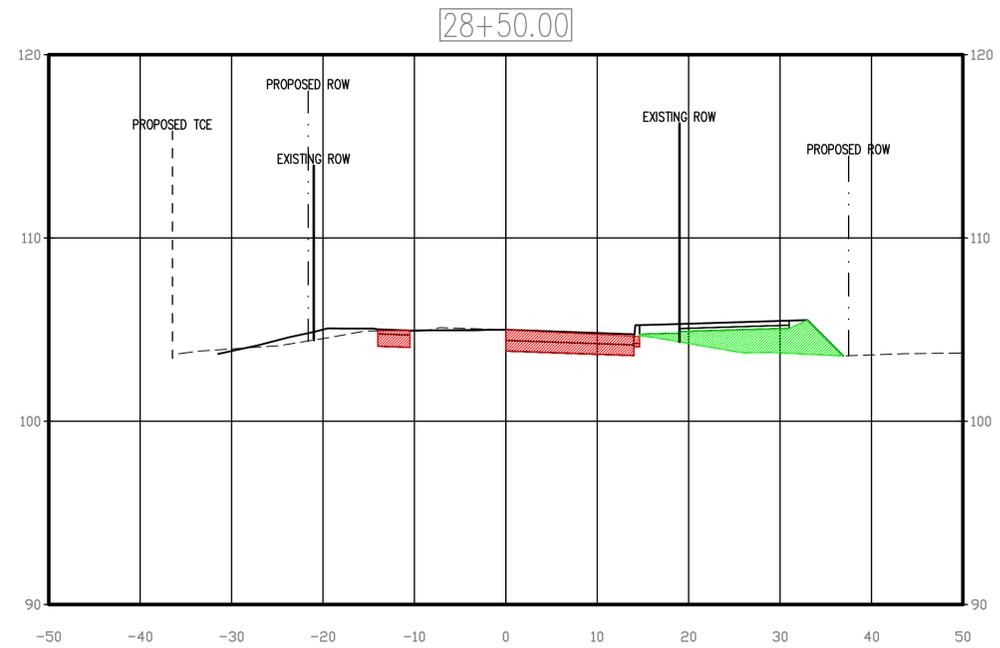
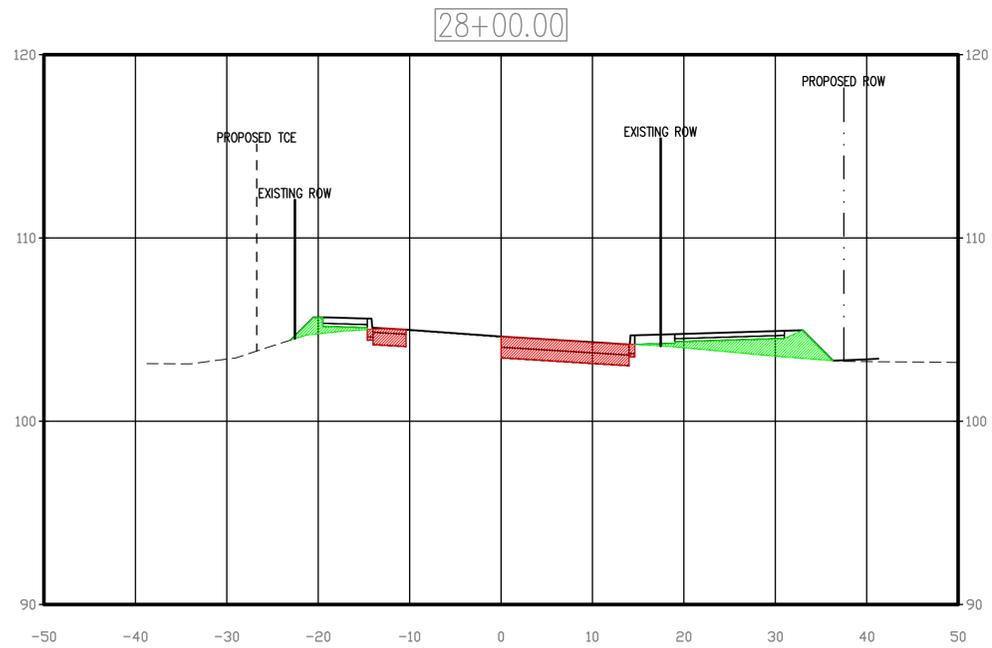
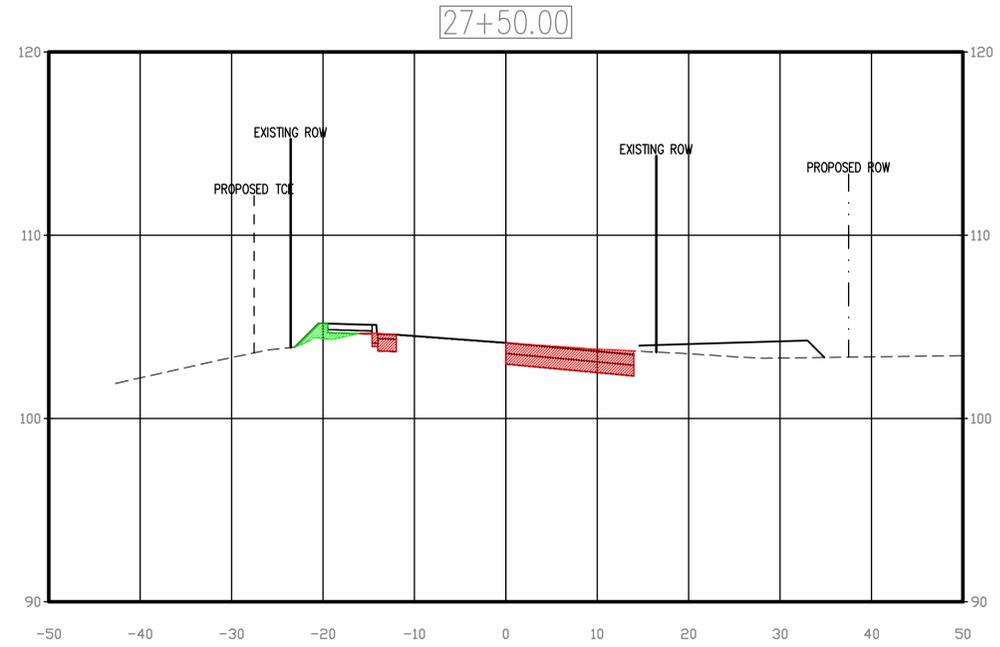
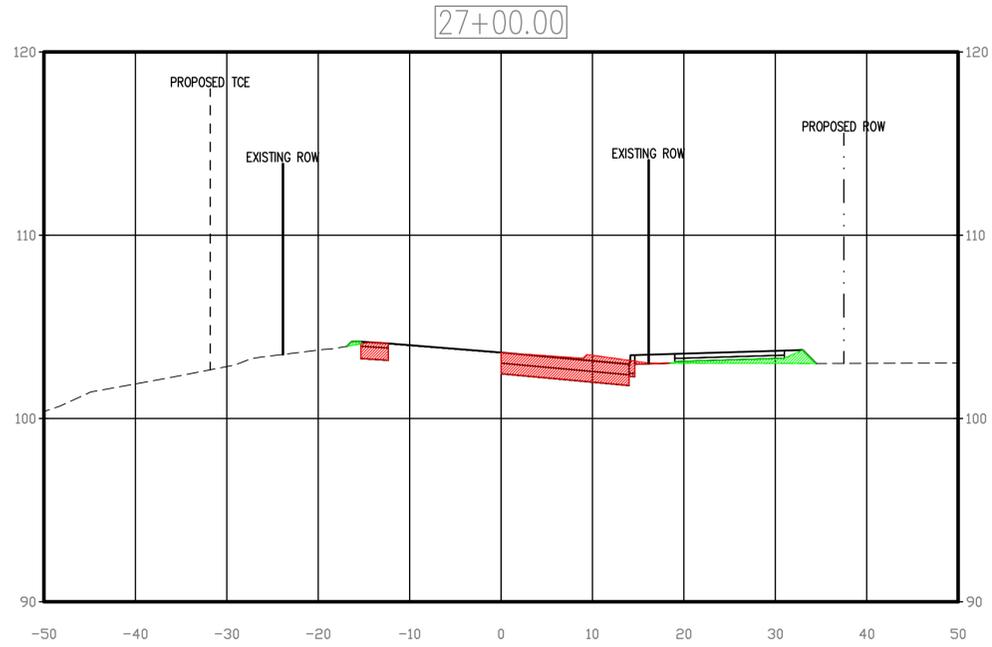



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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.: CS-10
 SHEET No.: 77 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-02

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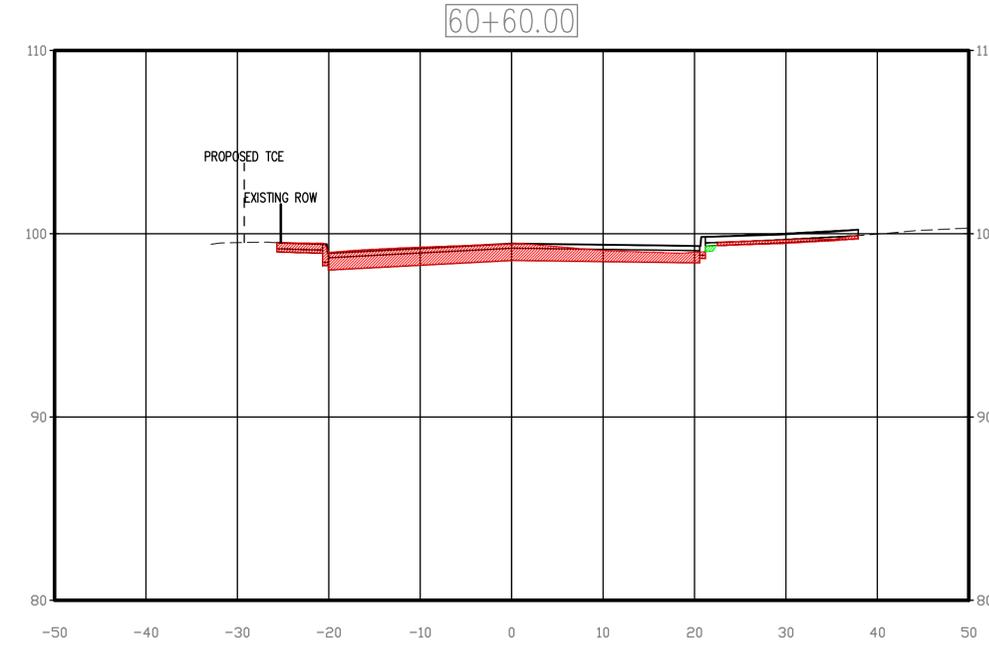
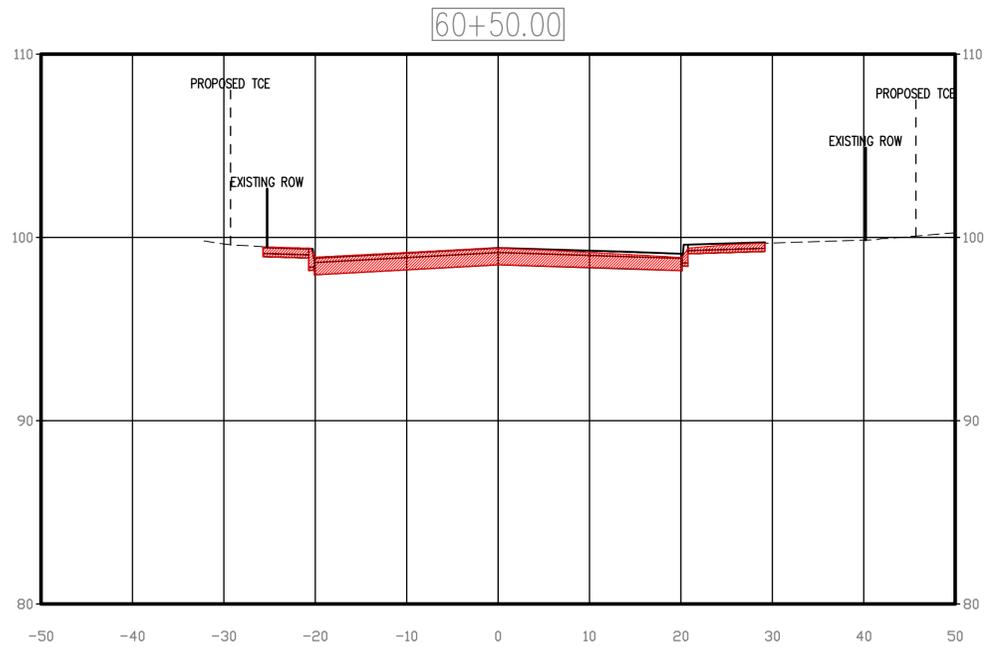
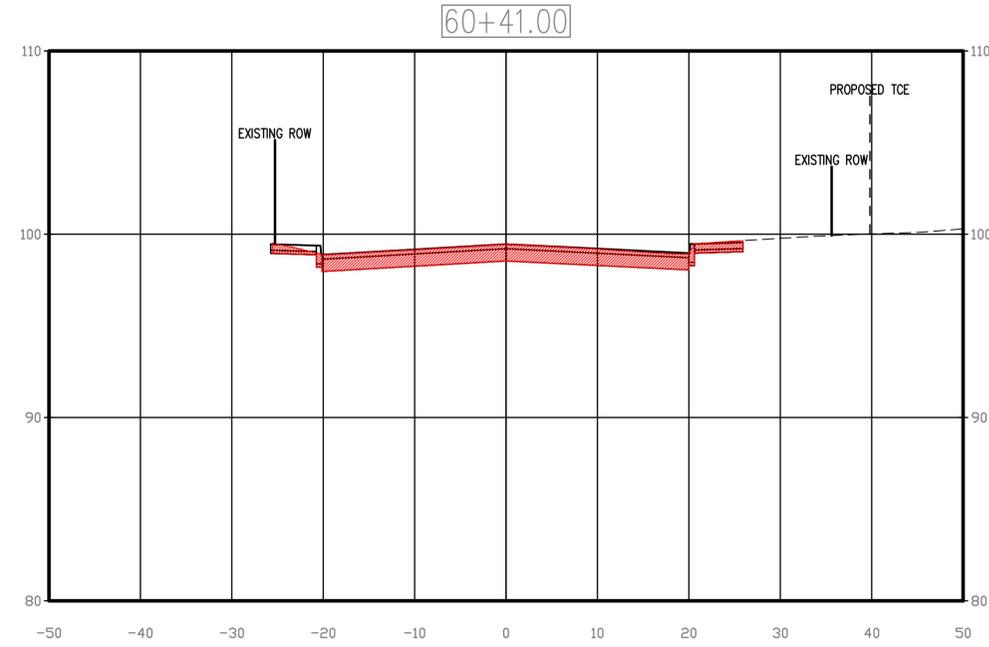
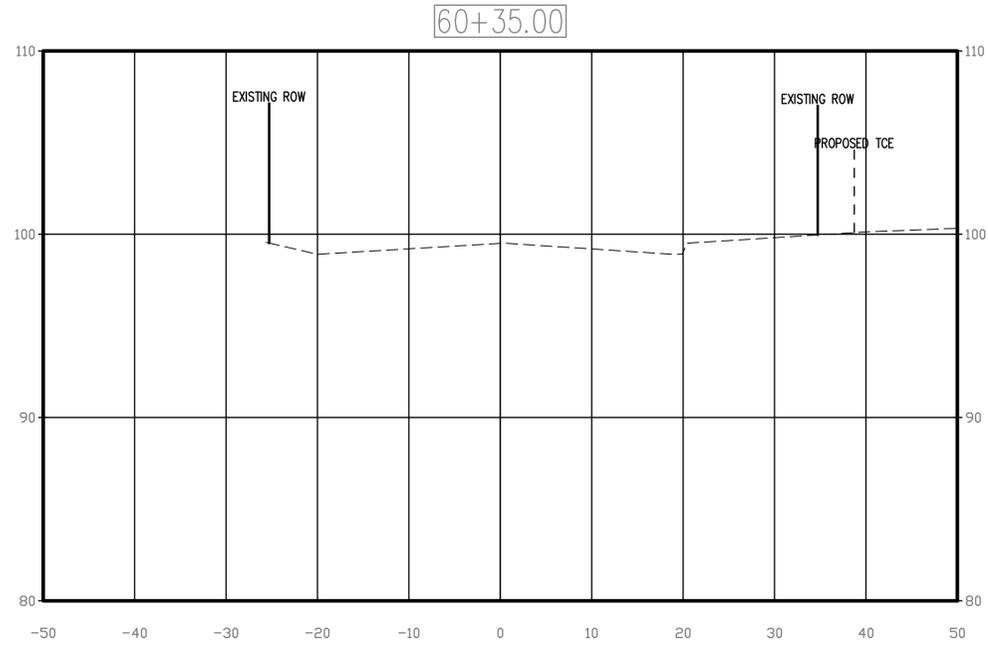



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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.:
CS-11
 SHEET No.:
78 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-03

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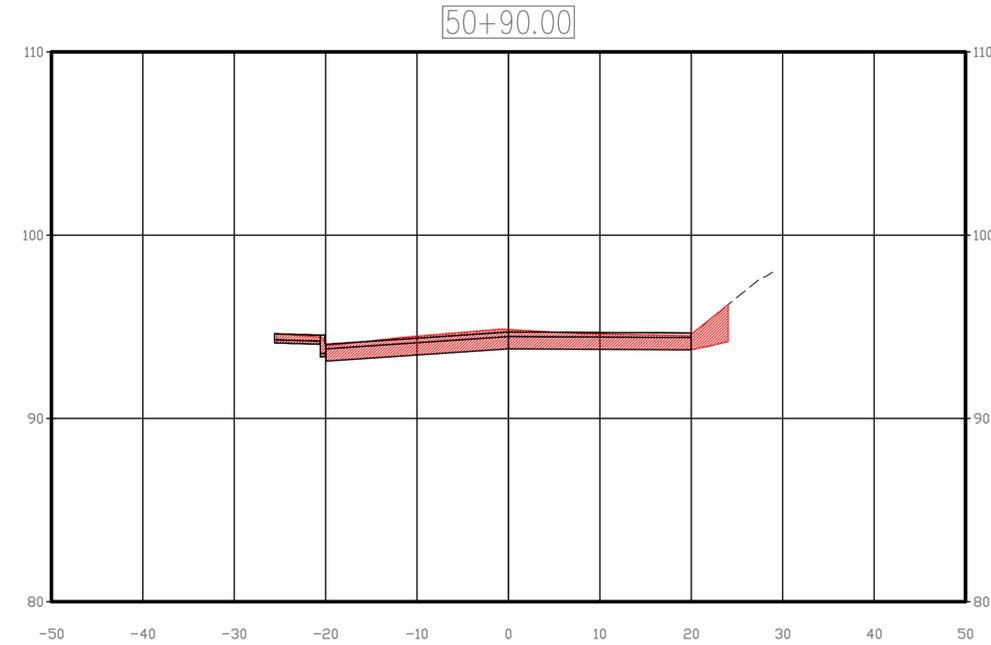
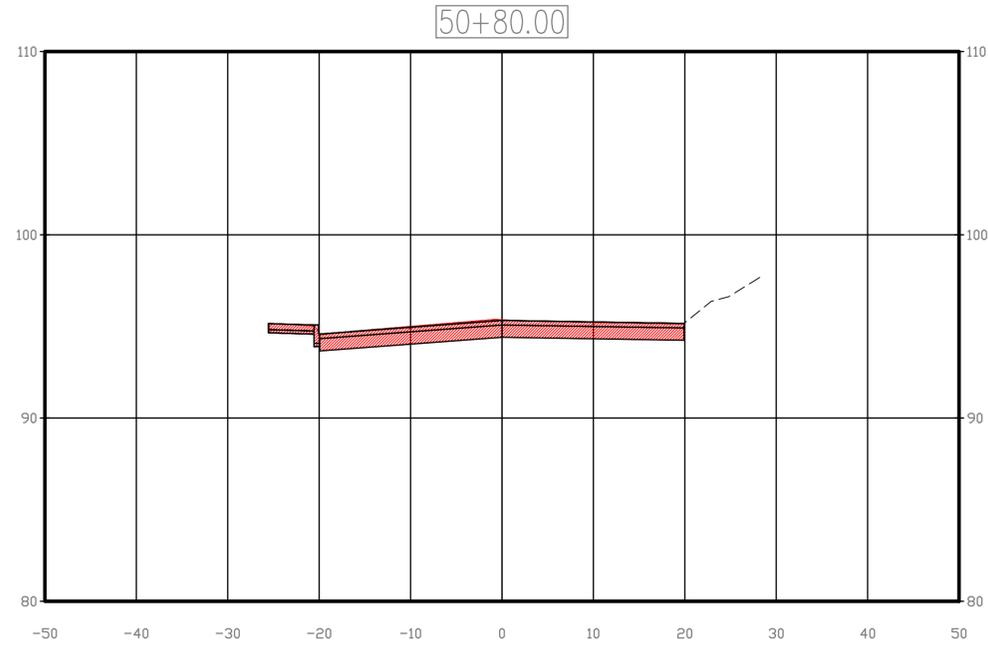
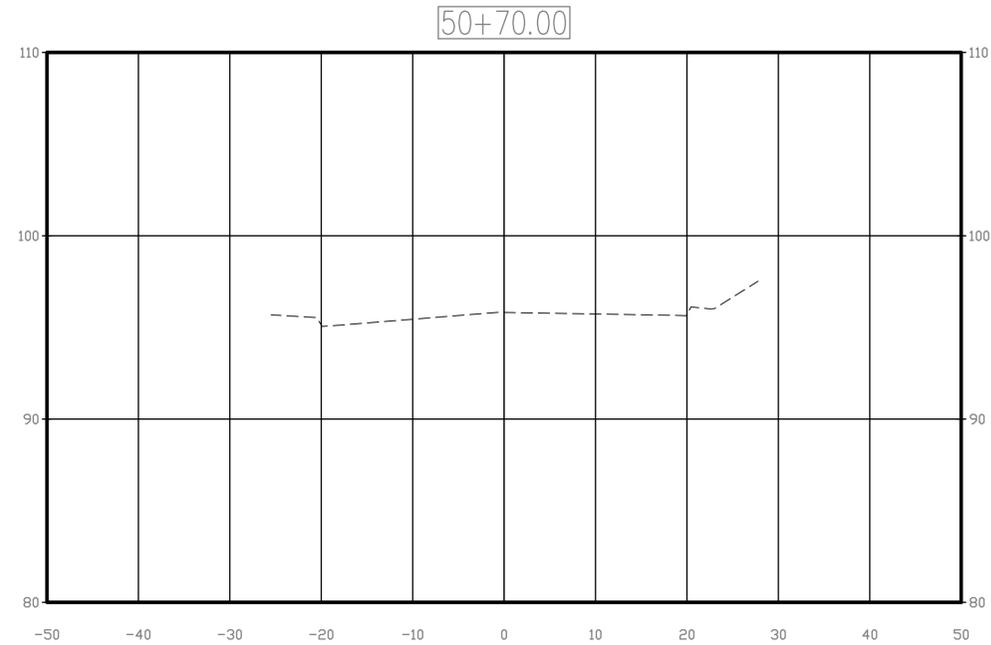
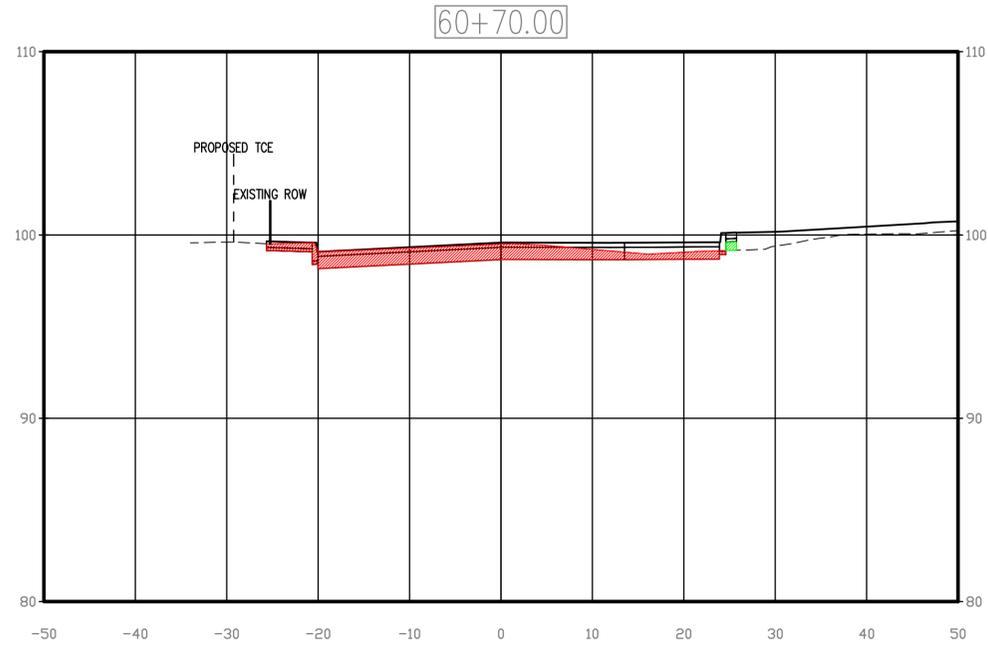



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 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
 CROSS SECTIONS

DRAWING No.: CS-13
 SHEET No.: 80 of 81



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REVISIONS	DATE	BY

DESIGNED BY: A. ARMSTRONG	ISSUE DATE: JANUARY, 2024
DRAWN BY: J. VERDUZCO	JOB No.: 22-000884
CHECKED BY: D. IRELAND	DRAWING FILE No.: 22-000884 CS-03

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CITY OF ARLINGTON
 211TH PLACE CORRIDOR IMPROVEMENT PROJECT
 SR-530 TO 67TH AVE NE
CROSS SECTIONS

DRAWING No.:
CS-14
 SHEET No.:
81 of 81